

Slope (deg)	L=0	L=2	L=7	L=15	L=50
L=330	L=2000				
0.05	158406	156714	152143	147897	129153
0	0				
0.15	333	175	19	12	11
0	0				
0.25	1094	134	24	9	18
234	0				
0.35	3344	464	61	1	34
3880	0				
0.45	8706	948	76	13	286
17162	6376				
0.55	16708	2703	94	81	2673
55432	75976				
0.65	31189	5545	295	472	11459
147062	458476				
0.75	46081	10872	878	1888	33379
259721	1508082				
0.85	71335	18688	2263	5512	75909
415829	3106017				
0.95	91933	28824	4665	13198	142465
647159	4765844				
1.05	126166	42403	8965	26653	232074
1021182	6544397				
1.15	150413	59885	15538	46910	338376
1394113	7441455				
1.25	188892	78098	25439	77270	460472
1698022	7544736				
1.35	225263	101915	38257	116262	593759
1942101	5787569				
1.45	252517	125716	55859	165553	732578
2116401	4693857				
1.55	304099	153159	77949	223223	875239
2191659	4263545				
1.65	324587	180323	103462	292002	1013767
2195007	3887256				
1.75	383814	218463	135082	366622	1142368
2190300	3399578				
1.85	394983	242579	170697	448927	1254846
2110792	2664888				
1.95	452240	282136	208044	535791	1353059
2050637	1990453				
2.05	464048	309960	250970	624208	1435505
2003387	1492421				
2.15	530377	346919	296610	714844	1508497
1961093	635712				
2.25	528189	385117	345154	798986	1556680
1974770	245818				
2.35	587642	413419	393233	881969	1597266
1924461	99137				
2.45	585340	451589	446280	960837	1623995
1817059	20280				
2.55	653311	481908	496528	1031680	1636101
1739120	7672				
2.65	637786	506495	548636	1098465	1639892
1674302	236				
2.75	695105	551962	597229	1156925	1620692
1628759	0				
2.85	683351	567815	647958	1204930	1600199
1571365	0				
2.95	749525	612109	695150	1244614	1569690
1508704	0				
3.05	720396	621647	743788	1280403	1530822
1436538	0				

3.15	774212	652842	785477	1307744	1477763
1366720	0				
3.25	751177	683947	831633	1329820	1422947
1277268	0				
3.35	813997	701391	868033	1337650	1367152
1215396	0				
3.45	774040	721215	897474	1345195	1310449
1146481	0				
3.55	825199	736848	936958	1343051	1253598
1083883	0				
3.65	792865	761139	964438	1342148	1194532
1024872	0				
3.75	850765	772550	985409	1328368	1144173
979896	0				
3.85	803480	785943	1010277	1317702	1096259
922394	0				
3.95	848282	794144	1029721	1298043	1049702
872312	0				
4.05	834415	818923	1042888	1272172	999133
834305	0				
4.15	841141	814795	1054622	1244756	958789
798339	0				
4.25	853220	831908	1061246	1218484	914641
765776	0				
4.35	808471	815884	1067856	1184410	868712
687179	0				
4.45	862871	846909	1068009	1153461	830090
623387	0				
4.55	802538	823116	1074450	1118918	791760
547550	0				
4.65	842622	844731	1065670	1085319	751949
491830	0				
4.75	818464	833140	1059227	1050498	716535
450020	0				
4.85	817241	842035	1052247	1016085	680959
405315	0				
4.95	800124	840961	1046947	977740	649368
382677	0				
5.05	796936	826915	1035134	942374	620841
340856	0				
5.15	816967	838221	1015834	906989	592544
299397	0				
5.25	775647	816976	1007300	869957	566832
275770	0				
5.35	770552	818101	986031	835099	545451
258998	0				
5.45	761301	820272	974731	801935	523626
250918	0				
5.55	772784	804475	953902	769328	498688
231394	0				
5.65	739435	792574	935623	737823	475429
201417	0				
5.75	729554	792793	911671	703517	452979
183801	0				
5.85	737395	769387	899118	674934	430746
179627	0				
5.95	683764	761912	871336	646162	413293
174001	0				
6.05	712662	770710	854798	615794	395330
170663	0				
6.15	700639	737268	829438	591099	377887
150899	0				
6.25	648216	729358	807914	562495	360944
135569	0				

121399	6.35	674614 0	728501	786195	539785	344130
97455	6.45	661907 0	718589	764556	515704	328510
83962	6.55	610679 0	682138	741022	491908	316302
74230	6.65	633947 0	693016	720213	471243	304531
66794	6.75	621020 0	678843	695783	450375	292880
64710	6.85	588875 0	661893	671858	428894	281686
61824	6.95	579360 0	642515	655419	411077	270245
52185	7.05	580468 0	630832	631587	392274	258085
48354	7.15	551378 0	623715	610839	373862	245919
49018	7.25	550475 0	614101	590681	357797	237451
49739	7.35	543286 0	595847	568980	340516	228362
47877	7.45	499006 0	572310	551494	327666	219566
43483	7.55	511100 0	573134	530442	310946	210118
41928	7.65	506765 0	555681	510407	298435	201515
41854	7.75	485621 0	546446	491607	284632	194245
40191	7.85	461262 0	524198	475301	272085	186086
38447	7.95	465195 0	518469	459150	261669	178120
38821	8.05	440078 0	496996	438462	249392	170121
38376	8.15	443358 0	494879	424050	239092	163556
39082	8.25	413683 0	473804	408821	229200	158012
37884	8.35	416963 0	470500	393200	219547	151088
39599	8.45	406214 0	450048	378636	210157	143934
37857	8.55	395021 0	445878	363929	202816	137686
37213	8.65	383955 0	429980	351756	193492	133547
35289	8.75	362193 0	415545	337060	186105	127843
33990	8.85	359360 0	407626	323865	178194	122772
34649	8.95	354683 0	393712	312179	170675	118313
33976	9.05	339609 0	384551	300805	163924	113082
33197	9.15	334963 0	380258	288801	158794	108428
34706	9.25	310180 0	360706	277748	152434	103337
32665	9.35	313333 0	352710	267936	146585	99036
29772	9.45	304969 0	344125	255793	140812	94466

30548	9.55	296467	338667	246267	136800	89507
		0				
29238	9.65	288069	320222	236793	131701	86086
		0				
27245	9.75	278056	314326	229554	126659	82265
		0				
28129	9.85	270480	304166	218229	122411	78915
		0				
27741	9.95	261902	299766	210737	118244	76321
		0				
27794	10.05	252766	285907	203386	114608	74077
		0				
25711	10.15	238480	275753	194982	110316	71996
		0				
25991	10.25	237908	272632	187894	107679	69088
		0				
26730	10.35	233801	261947	181021	103625	65777
		0				
24791	10.45	222703	255882	173083	99902	63436
		0				
23928	10.55	223982	247949	166804	96599	61839
		0				
24608	10.65	210797	242372	160109	93458	59979
		0				
23348	10.75	204779	231408	156368	90903	58504
		0				
21150	10.85	198137	227761	148481	87160	56650
		0				
19505	10.95	191871	216326	143327	84662	54086
		0				
20454	11.05	190125	217194	138358	82678	53248
		0				
19739	11.15	181059	203566	134298	80608	51029
		0				
20716	11.25	174310	199377	128712	78010	49532
		0				
20410	11.35	170673	194634	123815	76598	47462
		0				
19063	11.45	168040	187251	119595	73901	45172
		0				
16893	11.55	160490	181669	115130	71690	43612
		0				
16165	11.65	160395	178018	111128	70330	41828
		0				
16704	11.75	152961	173443	107783	68684	40344
		0				
18372	11.85	145741	163928	104368	66930	38658
		0				
17264	11.95	140841	160429	100557	65160	37907
		0				
14645	12.05	140496	158223	97629	62825	36508
		0				
12508	12.15	132040	153024	93593	62310	35284
		0				
10191	12.25	131537	147894	91051	60370	34361
		0				
8615	12.35	123910	138866	88748	58410	33659
		0				
7403	12.45	127573	140926	85895	57937	33176
		0				
6451	12.55	117293	133229	82043	55553	33265
		0				
5827	12.65	114718	130880	80395	54601	32972
		0				

	12.75	110924	126339	77602	53378	32876
5504		0				
	12.85	108807	122728	76139	51920	31967
4473		0				
	12.95	106244	118827	72935	50609	33136
3148		0				
	13.05	102984	116147	71028	49330	32370
2073		0				
	13.15	97071	112498	69457	48118	31742
985		0				
	13.25	96925	107991	67010	47061	31083
34		0				
	13.35	94151	105342	65437	46405	32161
0		0				
	13.45	90252	101804	62694	45397	29650
0		0				
	13.55	87878	99132	61724	44953	29221
0		0				
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0		0				
	13.75	81961	93948	58430	42729	28703
0		0				
	13.85	80681	91041	57301	41671	28093
0		0				
	13.95	78132	86651	55278	40864	27470
0		0				
	14.05	75145	85397	54085	39964	26994
0		0				
	14.15	73492	82504	52291	39104	27146
0		0				
	14.25	73646	81631	50506	38328	28037
0		0				
	14.35	67098	76676	49574	37493	27783
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0		0				
	14.55	64556	73144	46953	36648	27125
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	14.65	62801	70909	46290	35216	26674
0		0				
	14.75	63112	69701	45010	34394	26627
0		0				
	14.85	59317	68018	43583	34075	25337
0		0				
	14.95	59046	64921	43117	33569	24540
0		0				
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0		0				
	15.15	55478	62119	40964	32497	24358
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	15.25	53256	60666	39206	31689	23886
0		0				
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0		0				
	15.45	51093	57352	38201	30319	22627
0		0				
	15.55	49626	55861	37267	29977	21935
0		0				
	15.65	49305	54323	36206	29166	21205
0		0				
	15.75	45567	52821	35605	28891	19905
0		0				
	15.85	45844	50827	34665	28230	20672
0		0				

	15.95	44772	49159	33812	26981	19194
0		0				
	16.05	41694	47867	33112	26712	18351
0		0				
	16.15	42093	46889	32643	26179	17071
0		0				
	16.25	41277	46024	31888	25378	15742
0		0				
	16.35	39680	44736	31147	24719	15106
0		0				
	16.45	39043	43780	30388	24099	14197
0		0				
	16.55	37252	41806	29193	23482	13066
0		0				
	16.65	36203	41806	28827	23063	12161
0		0				
	16.75	35220	40216	28307	22330	11496
0		0				
	16.85	34325	38790	28178	21764	10756
0		0				
	16.95	33800	38300	26968	21311	9960
0		0				
	17.05	33338	37117	26194	20884	9448
0		0				
	17.15	31688	35647	25606	20113	8753
0		0				
	17.25	31045	35643	25123	19770	8107
0		0				
	17.35	29895	33906	24787	19328	7320
0		0				
	17.45	30272	34209	24055	18755	6750
0		0				
	17.55	28655	31934	23254	18459	6740
0		0				
	17.65	28822	32244	23050	17639	6540
0		0				
	17.75	26993	30937	22475	17302	6359
0		0				
	17.85	26752	30397	21845	16542	6203
0		0				
	17.95	25715	29441	21298	15978	6194
0		0				
	18.05	25487	28878	20482	15358	5232
0		0				
	18.15	24559	28434	20391	15244	4894
0		0				
	18.25	23584	27411	19608	14506	4589
0		0				
	18.35	23910	26587	19304	13937	4314
0		0				
	18.45	23108	25844	18601	13457	4197
0		0				
	18.55	21829	25096	17989	12932	3968
0		0				
	18.65	22114	24804	17604	12233	3673
0		0				
	18.75	21126	24156	17177	11790	3397
0		0				
	18.85	21060	23766	16672	11256	3223
0		0				
	18.95	19802	22692	16279	10799	2951
0		0				
	19.05	19600	22174	15731	10125	2886
0		0				

0	19.15	19229	22170	15579	9723	2582
0	19.25	18035	20666	14839	9078	2492
0	19.35	18732	21093	14416	8619	2459
0	19.45	17392	19865	13947	8562	2180
0	19.55	16960	19869	13552	8046	2094
0	19.65	17291	19452	13099	7727	1814
0	19.75	16422	18522	12696	7226	1878
0	19.85	15918	18308	12227	6945	1834
0	19.95	15828	17780	11987	6531	1786
0	20.05	14965	16988	11697	6357	1765
0	20.15	14839	16815	11190	6118	1752
0	20.25	15018	16894	10868	5759	1646
0	20.35	13736	15920	10600	5502	1555
0	20.45	13827	15567	10117	5258	1542
0	20.55	13273	15481	9788	5065	1496
0	20.65	13654	15355	9535	4919	1441
0	20.75	12451	14189	9299	4624	1356
0	20.85	13204	14516	9144	4363	1320
0	20.95	11788	13484	8662	4202	1448
0	21.05	12226	13547	8378	4058	1453
0	21.15	11469	13144	7922	3819	1347
0	21.25	11258	12920	7885	3743	1377
0	21.35	10944	12445	7485	3576	1119
0	21.45	11022	12167	7385	3295	1237
0	21.55	10096	11720	7010	3099	1014
0	21.65	10477	11673	6761	2965	1003
0	21.75	10073	11488	6708	2902	1092
0	21.85	9901	10943	6393	2788	1049
0	21.95	9684	10795	6163	2629	990
0	22.05	9062	10581	6013	2535	1006
0	22.15	9203	10051	5668	2416	993
0	22.25	8993	10176	5576	2267	899

0	22.35	0	8862	9910	5452	2321	1600
0	22.45	0	8601	9654	5313	2173	1774
0	22.55	0	8090	9326	5155	2046	738
0	22.65	0	8101	9048	4700	2024	657
0	22.75	0	8157	9008	4708	1915	664
0	22.85	0	7572	8560	4523	1801	648
0	22.95	0	7617	8352	4305	1797	634
0	23.05	0	7156	8119	4283	1734	640
0	23.15	0	7092	8095	4106	1664	660
0	23.25	0	7004	7876	3913	1550	574
0	23.35	0	6758	7681	3854	1540	623
0	23.45	0	6790	7352	3810	1503	566
0	23.55	0	6521	7332	3612	1367	604
0	23.65	0	6573	7297	3462	1302	580
0	23.75	0	5997	6765	3292	1279	583
0	23.85	0	6409	6857	3363	1158	633
0	23.95	0	5842	6360	3027	1173	619
0	24.05	0	5742	6480	3025	1089	659
0	24.15	0	5645	6269	2920	1068	626
0	24.25	0	5514	6107	2811	993	636
0	24.35	0	5486	5923	2843	1033	612
0	24.45	0	5406	5785	2566	909	590
0	24.55	0	5196	5771	2548	855	553
0	24.65	0	5045	5502	2400	853	544
0	24.75	0	4656	5100	2332	859	510
0	24.85	0	4969	5338	2249	867	548
0	24.95	0	4752	4978	2242	822	550
0	25.05	0	4652	5036	2079	777	515
0	25.15	0	4586	4992	2082	736	463
0	25.25	0	4475	4803	1918	691	456
0	25.35	0	3989	4664	1880	680	424
0	25.45	0	4239	4616	1884	651	473

0	25.55	0	4230	4436	1734	624	433
0	25.65	0	4134	4311	1739	601	452
0	25.75	0	3870	4205	1757	577	440
0	25.85	0	3800	4152	1580	525	399
0	25.95	0	3797	4057	1609	561	389
0	26.05	0	3820	3980	1489	518	323
0	26.15	0	3724	3809	1504	470	360
0	26.25	0	3529	3704	1471	461	365
0	26.35	0	3552	3714	1479	437	330
0	26.45	0	3378	3630	1407	436	315
0	26.55	0	3477	3572	1229	412	335
0	26.65	0	3184	3457	1272	400	255
0	26.75	0	3140	3342	1271	352	215
0	26.85	0	3202	3229	1138	337	187
0	26.95	0	3075	3277	1086	370	179
0	27.05	0	3029	3095	1086	362	159
0	27.15	0	2884	3147	1099	341	134
0	27.25	0	2922	2990	1032	378	103
0	27.35	0	2821	2937	971	350	61
0	27.45	0	2899	3017	982	342	52
0	27.55	0	2872	2895	951	332	41
0	27.65	0	2655	2900	933	350	26
0	27.75	0	2642	2680	833	327	19
0	27.85	0	2539	2605	867	316	10
0	27.95	0	2510	2544	852	328	0
0	28.05	0	2376	2427	815	292	0
0	28.15	0	2504	2420	717	331	0
0	28.25	0	2278	2394	741	277	0
0	28.35	0	2245	2363	755	264	0
0	28.45	0	2227	2348	653	299	0
0	28.55	0	2214	2222	658	304	0
0	28.65	0	1999	2202	664	295	0

0	28.75	0	2257	2210	594	288	0
0	28.85	0	2161	2093	576	291	0
0	28.95	0	2062	2021	580	298	0
0	29.05	0	2006	2049	547	296	0
0	29.15	0	1969	2015	573	255	0
0	29.25	0	1896	1920	558	277	0
0	29.35	0	1983	1982	508	286	0
0	29.45	0	1866	1887	563	277	0
0	29.55	0	1919	1844	471	281	0
0	29.65	0	1844	1799	499	268	0
0	29.75	0	1824	1690	480	251	0
0	29.85	0	1851	1752	489	290	0
0	29.95	0	1661	1653	435	247	0
0	30.05	0	1755	1702	460	265	0
0	30.15	0	1584	1602	441	263	0
0	30.25	0	1665	1600	420	262	0
0	30.35	0	1548	1593	406	295	0
0	30.45	0	1645	1530	435	274	0
0	30.55	0	1532	1516	429	276	0
0	30.65	0	1451	1388	407	258	0
0	30.75	0	1416	1370	420	299	0
0	30.85	0	1531	1374	344	256	0
0	30.95	0	1404	1324	373	288	0
0	31.05	0	1402	1351	373	261	0
0	31.15	0	1422	1403	369	257	0
0	31.25	0	1398	1278	349	272	0
0	31.35	0	1425	1176	370	270	0
0	31.45	0	1255	1199	343	295	0
0	31.55	0	1238	1224	340	286	0
0	31.65	0	1305	1211	303	286	0
0	31.75	0	1255	1236	320	252	0
0	31.85	0	1178	1263	300	257	0

0	31.95	0	1238	1156	307	268	0
0	32.05	0	1181	1099	338	248	0
0	32.15	0	1108	1038	327	287	0
0	32.25	0	1118	1094	298	285	0
0	32.35	0	1062	1090	278	266	0
0	32.45	0	1089	1022	278	279	0
0	32.55	0	1112	1018	277	226	0
0	32.65	0	1121	956	263	255	0
0	32.75	0	1092	934	257	240	0
0	32.85	0	986	937	249	228	0
0	32.95	0	1019	999	228	294	0
0	33.05	0	976	863	253	234	0
0	33.15	0	978	928	262	275	0
0	33.25	0	979	867	262	276	0
0	33.35	0	1027	890	244	236	0
0	33.45	0	924	876	256	251	0
0	33.55	0	935	852	240	245	0
0	33.65	0	923	883	234	244	0
0	33.75	0	916	819	235	266	0
0	33.85	0	839	742	214	255	0
0	33.95	0	838	774	209	269	0
0	34.05	0	853	799	229	242	0
0	34.15	0	834	718	209	281	0
0	34.25	0	816	710	195	290	0
0	34.35	0	785	729	213	311	0
0	34.45	0	794	685	228	306	0
0	34.55	0	784	668	201	374	0
0	34.65	0	775	683	212	327	0
0	34.75	0	764	664	201	253	0
0	34.85	0	718	634	208	323	0
0	34.95	0	775	634	219	269	0
0	35.05	0	784	639	185	224	0

0	35.15	0	793	632	198	272	0
0	35.25	0	711	594	216	245	0
0	35.35	0	715	582	177	315	0
0	35.45	0	695	584	178	266	0
0	35.55	0	693	541	208	272	0
0	35.65	0	653	554	208	277	0
0	35.75	0	737	612	199	292	0
0	35.85	0	664	553	198	284	0
0	35.95	0	722	542	177	295	0
0	36.05	0	615	499	197	306	0
0	36.15	0	617	481	195	334	0
0	36.25	0	575	495	193	319	0
0	36.35	0	567	486	181	304	0
0	36.45	0	578	442	205	364	0
0	36.55	0	558	464	196	368	0
0	36.65	0	550	485	179	305	0
0	36.75	0	483	425	182	327	0
0	36.85	0	517	477	195	392	0
0	36.95	0	570	472	191	306	0
0	37.05	0	575	481	181	294	0
0	37.15	0	503	411	157	351	0
0	37.25	0	532	464	206	276	0
0	37.35	0	507	414	163	289	0
0	37.45	0	475	399	182	328	0
0	37.55	0	531	395	180	374	0
0	37.65	0	475	409	175	337	0
0	37.75	0	470	345	168	378	0
0	37.85	0	499	411	152	416	0
0	37.95	0	445	375	178	365	0
0	38.05	0	483	367	165	415	0
0	38.15	0	468	355	182	486	0
0	38.25	0	465	343	192	456	0

0	38.35	0	447	369	159	454	0
0	38.45	0	449	341	151	427	0
0	38.55	0	356	318	172	690	0
0	38.65	0	413	359	174	479	0
0	38.75	0	398	362	185	369	0
0	38.85	0	380	333	176	472	0
0	38.95	0	362	308	168	287	0
0	39.05	0	383	335	163	495	0
0	39.15	0	403	308	165	447	0
0	39.25	0	366	307	141	293	0
0	39.35	0	381	286	136	266	0
0	39.45	0	360	316	151	612	0
0	39.55	0	337	250	155	170	0
0	39.65	0	359	309	143	222	0
0	39.75	0	389	294	166	194	0
0	39.85	0	330	310	142	234	0
0	39.95	0	340	260	144	212	0
0	40.05	0	337	282	138	218	0
0	40.15	0	330	260	149	218	0
0	40.25	0	282	243	165	218	0
0	40.35	0	362	281	148	204	0
0	40.45	0	359	225	153	157	0
0	40.55	0	336	245	141	200	0
0	40.65	0	297	263	161	177	0
0	40.75	0	312	235	149	150	0
0	40.85	0	266	221	173	174	0
0	40.95	0	262	223	141	168	0
0	41.05	0	297	266	142	142	0
0	41.15	0	306	211	140	151	0
0	41.25	0	268	230	130	119	0
0	41.35	0	299	247	104	126	0
0	41.45	0	288	230	151	223	0

0	41.55	0	233	178	141	112	0
0	41.65	0	240	169	130	94	0
0	41.75	0	255	193	134	199	0
0	41.85	0	240	175	117	174	0
0	41.95	0	294	225	142	214	0
0	42.05	0	221	189	112	130	0
0	42.15	0	227	156	101	129	0
0	42.25	0	238	178	124	386	0
0	42.35	0	222	163	145	104	0
0	42.45	0	243	185	131	95	0
0	42.55	0	189	149	105	93	0
0	42.65	0	198	181	101	91	0
0	42.75	0	242	162	122	107	0
0	42.85	0	202	181	122	99	0
0	42.95	0	178	131	120	102	0
0	43.05	0	222	161	119	121	0
0	43.15	0	172	170	106	97	0
0	43.25	0	161	160	96	85	0
0	43.35	0	168	160	113	78	0
0	43.45	0	201	150	108	77	0
0	43.55	0	193	156	75	80	0
0	43.65	0	154	130	114	97	0
0	43.75	0	171	138	110	68	0
0	43.85	0	186	148	117	56	0
0	43.95	0	184	142	106	52	0
0	44.05	0	183	153	105	106	0
0	44.15	0	188	134	78	152	0
0	44.25	0	149	135	83	62	0
0	44.35	0	186	161	101	81	0
0	44.45	0	169	131	101	276	0
0	44.55	0	164	133	80	159	0
0	44.65	0	159	120	87	62	0

0	44.75	0	164	127	108	84	0
0	44.85	0	149	112	82	76	0
0	44.95	0	152	126	86	83	0
0	45.05	0	150	120	103	56	0
0	45.15	0	134	100	88	73	0
0	45.25	0	133	103	100	65	0
0	45.35	0	138	111	95	72	0
0	45.45	0	158	113	80	87	0
0	45.55	0	163	130	92	73	0
0	45.65	0	99	92	96	95	0
0	45.75	0	164	109	85	80	0
0	45.85	0	109	101	68	72	0
0	45.95	0	119	109	96	52	0
0	46.05	0	108	99	67	63	0
0	46.15	0	98	99	61	70	0
0	46.25	0	106	110	84	59	0
0	46.35	0	122	108	75	49	0
0	46.45	0	137	98	63	69	0
0	46.55	0	114	115	62	47	0
0	46.65	0	112	97	69	56	0
0	46.75	0	123	104	64	67	0
0	46.85	0	114	103	65	55	0
0	46.95	0	119	88	51	67	0
0	47.05	0	115	88	66	68	0
0	47.15	0	117	95	66	52	0
0	47.25	0	97	96	69	59	0
0	47.35	0	114	86	72	97	0
0	47.45	0	88	78	44	49	0
0	47.55	0	93	76	59	58	0
0	47.65	0	98	89	50	65	0
0	47.75	0	112	81	47	86	0
0	47.85	0	88	95	46	132	0

0	47.95	0	91	74	37	79	0
0	48.05	0	102	78	55	83	0
0	48.15	0	81	82	46	272	0
0	48.25	0	83	88	41	48	0
0	48.35	0	70	80	40	39	0
0	48.45	0	78	82	39	14	0
0	48.55	0	78	92	35	16	0
0	48.65	0	91	66	47	10	0
0	48.75	0	105	77	50	20	0
0	48.85	0	110	84	42	25	0
0	48.95	0	77	61	40	7	0
0	49.05	0	49	52	33	9	0
0	49.15	0	78	76	39	4	0
0	49.25	0	64	65	38	10	0
0	49.35	0	99	80	35	14	0
0	49.45	0	85	89	35	6	0
0	49.55	0	80	64	35	14	0
0	49.65	0	54	53	48	18	0
0	49.75	0	59	45	30	10	0
0	49.85	0	70	59	38	1	0
0	49.95	0	70	73	30	10	0