

Slope (deg)	L=0	L=2	L=7	L=15	L=50	
L=330	L=2000					
0	0.05	153171	132237	89562	54488	1570
	0					
	0.15	31399	25866	19940	15010	4720
85	64483					
	0.25	74351	47580	43151	35761	7559
107665		1758963				
	0.35	124683	58082	35395	23645	17632
897873		3922889				
	0.45	238550	83411	34541	30841	72072
2238490		7246574				
	0.55	349715	129789	38832	45999	251746
3424011		7807438				
	0.65	508660	223644	57464	92357	607680
4010741		4997603				
	0.75	685121	321697	102736	222021	1127166
4426734		7094538				
	0.85	874420	456842	191671	410082	1750787
5222920		10821781				
	0.95	1204319	633358	290393	679274	2441305
6319405		11227828				
	1.05	1282825	780115	440931	1018408	3120044
7819757		10618595				
	1.15	1471018	974106	629917	1417468	3748150
8346223		9517951				
	1.25	1650507	1144193	860022	1840296	4324483
7734154		9350129				
	1.35	2043860	1427690	1109996	2269427	4778327
7128365		9062996				
	1.45	2000827	1528249	1359124	2691747	5095150
6365786		7978938				
	1.55	2134048	1727942	1649467	3066354	5279432
5477500		5833078				
	1.65	2258732	1863778	1898979	3407778	5323126
5073636		4514056				
	1.75	2520541	2055419	2177494	3686509	5291901
4974432		3718758				
	1.85	2620840	2201096	2406271	3920043	5177678
4717450		2514306				
	1.95	2557082	2373322	2651284	4086656	5032758
4341282		1920549				
	2.05	2621852	2442743	2847651	4198270	4829593
3908699		1739024				
	2.15	2669401	2492724	3032379	4257910	4609603
3504367		1611740				
	2.25	3030073	2667148	3180949	4265846	4364556
3038112		1317799				
	2.35	2735678	2643421	3283845	4219560	4123787
2668706		677002				
	2.45	2744426	2738488	3365632	4176675	3888172
2405833		97290				
	2.55	2745899	2821675	3441312	4077861	3654640
2121524		3281				
	2.65	2905579	2793087	3453038	3939195	3420283
1880829		0				
	2.75	2861135	2809173	3475180	3819048	3174998
1740387		0				
	2.85	2678298	2800425	3488762	3640625	2942805
1544531		0				
	2.95	2645665	2741115	3404671	3501477	2715619
1389946		0				
	3.05	2768324	2860573	3375283	3323865	2507493
1312107		0				

3.15	2695405	2741566	3320544	3142845	2295527
1174611	0				
3.25	2501430	2698919	3211213	2983430	2106684
1064395	0				
3.35	2444571	2603692	3136464	2814801	1933389
966628	0				
3.45	2537223	2599317	3056624	2635205	1773908
774117	0				
3.55	2436772	2630261	2940107	2483525	1624527
643162	0				
3.65	2245497	2481118	2814339	2329810	1488850
551581	0				
3.75	2177472	2369894	2723748	2184948	1373412
483044	0				
3.85	2248415	2349121	2611330	2039751	1261301
438572	0				
3.95	2143059	2286303	2479361	1905789	1155832
384335	0				
4.05	1964425	2279173	2394627	1777444	1068781
331651	0				
4.15	1896209	2094220	2249277	1657448	994018
304608	0				
4.25	1945915	2061452	2142759	1547964	918904
271044	0				
4.35	1849335	1998324	2057338	1441928	846522
241405	0				
4.45	1685000	1976867	1943968	1347547	783038
224287	0				
4.55	1618984	1807056	1827604	1251947	722275
216872	0				
4.65	1740028	1814748	1738615	1171864	665396
209790	0				
4.75	1485325	1670698	1641636	1094936	614902
206450	0				
4.85	1426413	1685272	1559757	1022564	566886
191505	0				
4.95	1366876	1538452	1463031	956848	521256
174837	0				
5.05	1461425	1537905	1389817	893178	478015
165109	0				
5.15	1247954	1440542	1303744	834964	441470
155037	0				
5.25	1194027	1392329	1231477	779084	408761
147802	0				
5.35	1274124	1345539	1166595	727922	374656
145657	0				
5.45	1084745	1234782	1092475	682224	344349
141749	0				
5.55	1037589	1237873	1032990	635683	315836
131538	0				
5.65	1041785	1151492	974092	598861	291363
114731	0				
5.75	1008789	1095689	917227	559929	270081
117416	0				
5.85	898935	1074614	861762	522414	252865
109987	0				
5.95	860078	978196	814107	491378	236330
88061	0				
6.05	915657	972444	772745	460902	223724
76273	0				
6.15	778832	913462	725049	430130	210522
66305	0				
6.25	741575	865004	678187	400648	198186
62450	0				

	6.35	790865	841228	645840	378874	187962
58945	0					
	6.45	673542	791526	609610	354890	177313
54505	0					
	6.55	675814	765483	576514	334294	168210
51697	0					
	6.65	654199	711854	538047	314091	160865
49935	0					
	6.75	582956	684818	511760	297068	154255
47683	0					
	6.85	584863	662805	481840	280178	151580
43586	0					
	6.95	566620	616883	457306	264836	144918
40911	0					
	7.05	504045	594886	435362	252375	137249
36903	0					
	7.15	504839	574307	409126	239176	129092
32728	0					
	7.25	489721	548536	388701	226232	122087
28529	0					
	7.35	436687	498639	368346	216291	118094
26246	0					
	7.45	438366	511266	350622	205315	112026
23741	0					
	7.55	427235	463233	333587	196078	105405
21917	0					
	7.65	400150	446117	314798	186889	100580
21529	0					
	7.75	363718	434479	302875	177907	96882
21096	0					
	7.85	370043	403236	286747	170029	93331
20022	0					
	7.95	347391	398472	272064	162615	89949
20446	0					
	8.05	316694	366871	258939	155511	87478
17465	0					
	8.15	338702	370302	246675	148521	84430
15644	0					
	8.25	288808	335127	237794	141922	81920
14599	0					
	8.35	290166	332132	224562	135722	78943
13210	0					
	8.45	281217	305410	214227	130635	75703
12715	0					
	8.55	252056	300137	205171	124363	73399
12432	0					
	8.65	270787	286270	195525	119267	70635
12525	0					
	8.75	230075	275360	188416	114690	68205
11458	0					
	8.85	232618	256753	179949	110662	64267
10541	0					
	8.95	227019	252551	172411	105634	61157
9711	0					
	9.05	213341	240317	165794	102450	58095
9176	0					
	9.15	208000	231674	158747	99172	55580
9399	0					
	9.25	195420	226271	152840	95196	52795
9136	0					
	9.35	179262	202577	146109	91126	49108
8609	0					
	9.45	193169	207799	140998	88174	47565
9033	0					

	9.55	164390	190096	135894	85039	46434
8766		0				
	9.65	177790	192426	130727	81565	45441
7940		0				
	9.75	152394	179782	126333	79254	43568
7161		0				
	9.85	164187	172265	120590	76532	42161
6971		0				
	9.95	139208	165806	115448	73799	40416
6490		0				
	10.05	141432	156665	112283	71439	39352
5764		0				
	10.15	139407	154239	107655	69467	39362
5208		0				
	10.25	131171	151491	104195	66722	38743
5413		0				
	10.35	129334	138306	100870	65251	38154
5237		0				
	10.45	121866	139692	97251	62803	37567
5639		0				
	10.55	124970	135025	93263	61211	36369
6038		0				
	10.65	107681	126649	89549	59596	35611
5512		0				
	10.75	116053	121720	86496	58570	35240
4120		0				
	10.85	100236	117625	85114	56745	34556
3660		0				
	10.95	108716	117648	81950	54873	33125
3810		0				
	11.05	92893	110338	78900	54014	32528
3211		0				
	11.15	100662	105691	77013	51964	29583
1135		0				
	11.25	90969	104752	73562	51079	28068
0		0				
	11.35	89831	98740	72501	49942	26840
0		0				
	11.45	85158	97538	69815	48764	25895
0		0				
	11.55	87940	95035	68105	47359	25202
0		0				
	11.65	76118	87047	65405	45855	24405
0		0				
	11.75	82579	87916	63873	44657	23621
0		0				
	11.85	74444	85541	61510	43568	23240
0		0				
	11.95	73239	80719	59992	42096	22772
0		0				
	12.05	69245	80214	57790	41169	21976
0		0				
	12.15	72608	78821	56320	39379	21535
0		0				
	12.25	66541	73098	54902	39271	20675
0		0				
	12.35	62963	73183	53543	38420	19999
0		0				
	12.45	65682	70658	51494	36737	19024
0		0				
	12.55	56714	64683	50120	35818	18401
0		0				
	12.65	61992	65795	49001	34923	17777
0		0				

	12.75	59594	65494	47250	33857	17349
0		0				
	12.85	54226	62100	45822	33324	16344
0		0				
	12.95	54193	59178	44901	32454	16141
0		0				
	13.05	51117	58691	43675	31409	15764
0		0				
	13.15	52815	56438	42046	30761	15205
0		0				
	13.25	51181	56140	41630	29702	14799
0		0				
	13.35	44602	52879	40506	29220	14105
8		0				
	13.45	48666	51788	38882	28291	13634
63		0				
	13.55	43758	50266	37791	27889	14008
266		0				
	13.65	45546	49820	37430	26665	14082
975		0				
	13.75	44257	47661	36259	26392	12624
1105		0				
	13.85	40180	46129	35273	25723	11870
2165		0				
	13.95	39599	44222	34163	24895	11337
2662		0				
	14.05	40453	43347	33514	24145	10786
3404		0				
	14.15	36987	43426	32620	23754	10630
5170		0				
	14.25	38035	41522	32235	22896	10192
6858		0				
	14.35	37618	39899	31310	22128	9714
8673		0				
	14.45	35981	39521	30136	21778	9280
1524		0				
	14.55	32799	38040	29582	21281	8788
10		0				
	14.65	34478	37872	28916	20948	8482
0		0				
	14.75	32250	35271	27687	20222	7792
0		0				
	14.85	30369	34923	27191	19849	7457
0		0				
	14.95	31861	34914	26003	18994	7263
0		0				
	15.05	30672	33886	25493	18395	7039
0		0				
	15.15	30160	32925	24739	17888	6837
0		0				
	15.25	27298	31760	24310	17554	6621
0		0				
	15.35	28391	31806	23353	16423	6346
0		0				
	15.45	27680	29562	22920	16006	6068
0		0				
	15.55	27130	30242	21878	15244	5921
0		0				
	15.65	24723	28202	21769	15224	5763
0		0				
	15.75	25678	28303	21147	14726	5780
0		0				
	15.85	24929	27908	20315	14143	5713
0		0				

0	15.95	24311	25510	19604	13896	5737
0	16.05	23499	26483	19164	13381	5588
0	16.15	23100	25003	18461	12985	5288
0	16.25	22029	25217	18183	12655	5303
0	16.35	22035	24007	17359	12432	5083
0	16.45	21569	23895	17122	12009	4950
0	16.55	20950	22765	16469	11772	4780
0	16.65	20383	22194	16195	11434	4891
0	16.75	20150	22313	15838	11222	4861
0	16.85	19700	20879	15654	11109	4820
0	16.95	17818	20910	14884	10859	4605
0	17.05	19465	20726	14895	10675	4633
0	17.15	18063	19477	14064	10394	4415
0	17.25	17613	19411	13805	10014	4255
0	17.35	17493	19019	13471	9819	4098
0	17.45	17118	18587	13255	9502	3905
0	17.55	16995	17760	12830	9104	3743
0	17.65	16178	17436	12185	9059	3751
0	17.75	15622	16951	12093	8832	3761
0	17.85	15128	16674	11686	8652	3881
0	17.95	15469	17049	11265	8253	3654
0	18.05	14531	15729	11244	8004	3540
0	18.15	14151	15722	10815	7833	3436
0	18.25	14141	15568	10507	7605	3475
0	18.35	13520	14637	10408	7615	3491
0	18.45	13163	14239	10154	7267	3460
0	18.55	13483	14536	9578	7130	3539
0	18.65	12275	14061	9930	7061	3748
0	18.75	12270	13687	9478	6808	3621
0	18.85	12723	13229	8991	6603	3481
0	18.95	11669	12744	8872	6312	3419
0	19.05	11813	12990	8660	6065	3460

0	19.15	11246	12207	8517	6046	3350
0	19.25	11548	12509	8259	5753	3339
0	19.35	11671	12148	8205	5783	3382
0	19.45	10961	11800	7948	5586	3297
0	19.55	10277	11105	7726	5464	3233
0	19.65	10354	11138	7649	5447	3163
0	19.75	9688	11077	7364	5204	3366
0	19.85	9942	10925	7292	5117	3211
0	19.95	9537	10330	6989	4788	3368
0	20.05	10511	10737	6925	4834	3332
0	20.15	9095	9813	6853	4737	3416
0	20.25	9120	10079	6563	4567	3253
0	20.35	9056	9638	6538	4608	3346
0	20.45	8645	9544	6457	4578	3237
0	20.55	9285	9530	6246	4459	3285
0	20.65	8268	8641	6131	4216	3329
0	20.75	8077	9144	5829	4185	3182
0	20.85	7986	8669	5881	4097	3210
0	20.95	8377	8591	5737	4041	3108
0	21.05	7434	8237	5524	3944	3074
0	21.15	7548	8315	5449	3825	3047
0	21.25	7901	8047	5362	3712	2974
0	21.35	7373	7692	5275	3764	2858
0	21.45	7050	7798	4997	3772	2923
0	21.55	7403	7315	4976	3686	2924
0	21.65	7005	7505	4892	3523	2985
0	21.75	6665	7178	4855	3498	3057
0	21.85	6927	7160	4733	3333	3130
0	21.95	6533	7200	4442	3249	3086
0	22.05	6312	6750	4484	3326	3126
0	22.15	6251	6650	4428	3371	3201
0	22.25	6080	6840	4248	3195	3249

0	22.35	0	6331	6619	4165	3001	3240
0	22.45	0	5861	6447	3893	3925	3154
0	22.55	0	6139	6219	3950	3048	3273
0	22.65	0	5488	6237	3886	3113	3956
0	22.75	0	6004	6016	3875	3116	2996
0	22.85	0	5472	6058	3709	2808	3070
0	22.95	0	5705	5738	3558	2691	3035
0	23.05	0	5117	5728	3466	2684	2872
0	23.15	0	5523	5666	3383	2715	2854
0	23.25	0	4868	5348	3458	2649	2873
0	23.35	0	5364	5591	3191	2559	2764
0	23.45	0	5153	5438	3413	2415	2803
0	23.55	0	4581	5191	3115	2433	2653
0	23.65	0	4794	5262	3076	2437	2664
0	23.75	0	4506	4875	3043	2389	2601
0	23.85	0	4690	4743	2813	2364	2753
0	23.95	0	4756	5148	2870	2200	2722
0	24.05	0	4097	4715	2763	2269	2714
0	24.15	0	4357	4445	2776	2178	2641
0	24.25	0	4503	4672	2659	2161	2618
0	24.35	0	4172	4535	2710	2218	2521
0	24.45	0	4112	4468	2733	2197	2556
0	24.55	0	4100	4209	2554	2218	2501
0	24.65	0	4239	4410	2519	2052	2571
0	24.75	0	3496	3996	2351	2037	2412
0	24.85	0	3948	4182	2352	1992	2485
0	24.95	0	3702	3924	2123	2005	2273
0	25.05	0	3638	3858	2171	2061	2363
0	25.15	0	3496	3860	2089	2038	2370
0	25.25	0	3606	3777	2174	1990	2353
0	25.35	0	3592	3781	2114	2030	2210
0	25.45	0	3455	3351	2056	2041	2253

0	25.55	0	3533	3678	2072	1891	2020
0	25.65	0	3341	3347	2031	1891	1823
0	25.75	0	3136	3443	1974	1877	1751
0	25.85	0	3247	3336	1897	1786	1633
0	25.95	0	2805	3020	1898	1743	1524
0	26.05	0	3166	3226	1821	1613	1540
0	26.15	0	3092	3249	1757	1765	1376
0	26.25	0	2956	2970	1721	1633	1274
0	26.35	0	2936	3002	1766	1639	1259
0	26.45	0	2898	2938	1684	1611	1319
0	26.55	0	2839	2830	1641	1702	1313
0	26.65	0	2676	2863	1642	1653	1327
0	26.75	0	2675	2785	1612	1625	1312
0	26.85	0	2818	2808	1646	1640	1205
0	26.95	0	2475	2741	1623	1604	1305
0	27.05	0	2593	2690	1529	1491	1252
0	27.15	0	2596	2664	1539	1479	1327
0	27.25	0	2488	2656	1443	1512	1236
0	27.35	0	2343	2527	1456	1408	1207
0	27.45	0	2452	2729	1502	1474	965
0	27.55	0	2484	2361	1335	1332	842
0	27.65	0	2425	2544	1473	1464	785
0	27.75	0	2464	2588	1372	1389	718
0	27.85	0	2217	2465	1350	1317	734
0	27.95	0	2205	2289	1350	1391	728
0	28.05	0	2329	2325	1319	1294	779
0	28.15	0	2103	2207	1321	1283	818
0	28.25	0	2088	2256	1317	1327	790
0	28.35	0	2171	2167	1261	1370	796
0	28.45	0	2049	2048	1308	1355	800
0	28.55	0	2153	2197	1218	1250	836
0	28.65	0	2062	2016	1125	1281	862

0	28.75	0	1966	2026	1170	1285	856
0	28.85	0	1872	1974	1256	1262	871
0	28.95	0	1995	1869	1106	1238	845
0	29.05	0	1690	1911	1103	1162	862
0	29.15	0	2037	1974	1093	1126	914
0	29.25	0	1681	1863	1049	1070	832
0	29.35	0	1780	1922	1042	1067	892
0	29.45	0	1644	1672	1003	1062	930
0	29.55	0	1787	1815	987	1097	905
0	29.65	0	1664	1764	938	954	882
0	29.75	0	1801	1703	979	981	846
0	29.85	0	1609	1580	929	907	770
0	29.95	0	1623	1623	914	942	816
0	30.05	0	1610	1511	855	958	729
0	30.15	0	1561	1594	905	918	743
0	30.25	0	1453	1494	892	991	704
0	30.35	0	1518	1417	817	971	744
0	30.45	0	1540	1501	793	826	757
0	30.55	0	1417	1472	826	873	752
0	30.65	0	1503	1487	815	799	639
0	30.75	0	1546	1378	745	728	617
0	30.85	0	1409	1444	751	709	539
0	30.95	0	1325	1335	779	776	519
0	31.05	0	1276	1360	757	738	467
0	31.15	0	1345	1263	788	660	463
0	31.25	0	1349	1316	746	703	398
0	31.35	0	1252	1272	758	727	338
0	31.45	0	1279	1261	677	731	349
0	31.55	0	1177	1246	722	675	292
0	31.65	0	1155	1257	700	658	260
0	31.75	0	1248	1264	711	685	226
0	31.85	0	1224	1170	690	664	258

0	31.95	0	1106	1185	730	634	224
0	32.05	0	1111	1112	681	610	156
0	32.15	0	1101	1135	664	680	219
0	32.25	0	1071	1096	632	679	269
0	32.35	0	1095	1117	639	617	115
0	32.45	0	1048	1018	661	640	118
0	32.55	0	1146	1061	663	635	116
0	32.65	0	1028	1104	654	597	123
0	32.75	0	960	967	654	640	112
0	32.85	0	1022	1032	618	659	114
0	32.95	0	930	881	656	669	121
0	33.05	0	1043	952	634	623	114
0	33.15	0	883	864	676	616	114
0	33.25	0	949	867	637	655	46
0	33.35	0	1006	861	620	643	59
0	33.45	0	902	924	643	560	53
0	33.55	0	862	878	626	582	43
0	33.65	0	962	883	577	584	38
0	33.75	0	820	872	614	546	37
0	33.85	0	885	814	621	545	43
0	33.95	0	846	835	547	561	32
0	34.05	0	886	813	627	557	22
0	34.15	0	739	774	582	569	21
0	34.25	0	803	768	582	452	19
0	34.35	0	709	734	606	476	15
0	34.45	0	771	740	556	464	12
0	34.55	0	764	724	538	428	1
0	34.65	0	738	747	499	396	1
0	34.75	0	704	785	536	396	1
0	34.85	0	745	678	543	421	1
0	34.95	0	753	697	549	342	2
0	35.05	0	647	681	550	418	2

0	35.15	0	732	636	531	497	0
0	35.25	0	713	648	509	330	1
0	35.35	0	724	673	508	349	2
0	35.45	0	718	689	468	407	4
0	35.55	0	710	663	530	384	12
0	35.65	0	611	573	456	325	7
0	35.75	0	749	617	505	338	7
0	35.85	0	629	602	417	858	15
0	35.95	0	654	623	452	321	23
0	36.05	0	550	628	413	289	43
0	36.15	0	560	537	460	357	31
0	36.25	0	593	585	420	429	4
0	36.35	0	571	552	402	281	7
0	36.45	0	527	570	433	282	7
0	36.55	0	509	531	421	279	5
0	36.65	0	524	548	388	267	9
0	36.75	0	578	509	371	325	16
0	36.85	0	507	507	361	296	2
0	36.95	0	506	510	334	241	0
0	37.05	0	532	470	373	273	0
0	37.15	0	462	498	382	292	0
0	37.25	0	486	511	348	316	0
0	37.35	0	531	461	312	293	0
0	37.45	0	419	462	331	266	0
0	37.55	0	473	452	322	244	0
0	37.65	0	505	498	326	282	0
0	37.75	0	452	455	325	226	0
0	37.85	0	444	480	301	240	0
0	37.95	0	500	420	305	205	0
0	38.05	0	430	456	261	212	0
0	38.15	0	424	382	289	232	0
0	38.25	0	455	397	253	235	0

0	38.35	0	391	368	272	226	0
0	38.45	0	448	399	263	258	0
0	38.55	0	380	385	255	193	0
0	38.65	0	419	393	341	203	0
0	38.75	0	390	396	246	208	0
0	38.85	0	378	370	276	222	0
0	38.95	0	396	337	256	198	0
0	39.05	0	345	299	237	212	0
0	39.15	0	382	406	243	184	0
0	39.25	0	350	357	240	171	0
0	39.35	0	372	328	195	166	0
0	39.45	0	385	339	225	153	0
0	39.55	0	369	340	220	193	0
0	39.65	0	319	332	217	177	0
0	39.75	0	367	313	197	172	0
0	39.85	0	329	308	191	189	0
0	39.95	0	344	331	193	234	0
0	40.05	0	355	307	216	299	0
0	40.15	0	286	305	287	153	0
0	40.25	0	330	311	209	142	0
0	40.35	0	310	302	192	119	0
0	40.45	0	278	299	193	113	0
0	40.55	0	299	274	193	118	0
0	40.65	0	287	278	171	129	0
0	40.75	0	300	278	181	99	0
0	40.85	0	295	284	183	94	0
0	40.95	0	336	265	148	102	0
0	41.05	0	311	261	158	127	0
0	41.15	0	269	255	176	116	0
0	41.25	0	263	285	172	92	0
0	41.35	0	240	277	259	129	0
0	41.45	0	263	257	206	86	0

0	41.55	0	227	226	155	63	0
0	41.65	0	234	232	153	75	0
0	41.75	0	270	218	134	81	0
0	41.85	0	275	264	159	77	0
0	41.95	0	216	263	131	90	0
0	42.05	0	261	238	112	85	0
0	42.15	0	220	200	118	81	0
0	42.25	0	254	236	165	57	0
0	42.35	0	252	218	119	66	0
0	42.45	0	215	221	126	69	0
0	42.55	0	203	216	127	69	0
0	42.65	0	233	215	355	58	0
0	42.75	0	248	189	182	78	0
0	42.85	0	203	206	150	62	0
0	42.95	0	228	191	161	51	0
0	43.05	0	210	207	141	74	0
0	43.15	0	165	183	195	64	0
0	43.25	0	196	177	150	77	0
0	43.35	0	189	187	126	77	0
0	43.45	0	222	191	139	65	0
0	43.55	0	220	177	104	76	0
0	43.65	0	185	188	118	51	0
0	43.75	0	209	186	125	51	0
0	43.85	0	174	180	94	44	0
0	43.95	0	199	146	134	57	0
0	44.05	0	174	171	121	49	0
0	44.15	0	173	175	97	42	0
0	44.25	0	169	153	78	42	0
0	44.35	0	194	166	117	88	0
0	44.45	0	173	154	119	139	0
0	44.55	0	187	180	110	38	0
0	44.65	0	203	149	116	54	0

0	44.75	0	141	124	116	48	0
0	44.85	0	164	142	102	40	0
0	44.95	0	182	156	105	52	0
0	45.05	0	153	162	94	50	0
0	45.15	0	175	157	116	56	0
0	45.25	0	200	187	114	72	0
0	45.35	0	141	140	91	53	0
0	45.45	0	162	126	102	47	0
0	45.55	0	174	160	123	51	0
0	45.65	0	157	146	95	59	0
0	45.75	0	183	128	106	48	0
0	45.85	0	160	133	103	33	0
0	45.95	0	150	116	109	51	0
0	46.05	0	147	120	104	76	0
0	46.15	0	122	125	114	39	0
0	46.25	0	123	127	96	30	0
0	46.35	0	145	132	100	36	0
0	46.45	0	140	125	102	54	0
0	46.55	0	137	127	120	89	0
0	46.65	0	123	120	80	33	0
0	46.75	0	138	97	83	36	0
0	46.85	0	117	113	81	29	0
0	46.95	0	134	123	82	47	0
0	47.05	0	105	121	97	40	0
0	47.15	0	139	125	81	35	0
0	47.25	0	127	104	74	14	0
0	47.35	0	99	102	96	22	0
0	47.45	0	125	183	84	20	0
0	47.55	0	128	129	67	21	0
0	47.65	0	124	134	77	21	0
0	47.75	0	115	106	87	19	0
0	47.85	0	108	108	90	22	0

0	47.95	0	123	143	88	18	0
0	48.05	0	102	105	65	21	0
0	48.15	0	115	107	85	16	0
0	48.25	0	87	112	77	20	0
0	48.35	0	128	108	79	30	0
0	48.45	0	95	91	81	30	0
0	48.55	0	123	87	80	22	0
0	48.65	0	109	81	63	26	0
0	48.75	0	96	114	71	25	0
0	48.85	0	90	81	79	22	0
0	48.95	0	135	85	80	21	0
0	49.05	0	129	81	77	23	0
0	49.15	0	107	80	95	23	0
0	49.25	0	103	88	76	18	0
0	49.35	0	90	91	70	15	0
0	49.45	0	97	81	94	19	0
0	49.55	0	100	66	83	19	0
0	49.65	0	75	71	65	19	0
0	49.75	0	107	95	67	15	0
0	49.85	0	70	83	69	14	0
0	49.95	0	107	84	74	21	0