

Slope (deg)	L=0	L=2	L=7	L=15	L=50
L=330	L=2000				
0.05	2	0	0	0	0
0	0				
0.15	141	5	0	0	0
0	0				
0.25	1264	53	0	0	0
0	1				
0.35	4946	393	0	2	70
944	64868				
0.45	14838	1636	17	13	1338
18834	643122				
0.55	27743	4370	85	124	6459
79823	1503977				
0.65	47791	9368	441	636	20792
221379	3000691				
0.75	74342	17291	1275	2666	54914
507516	4587764				
0.85	122006	30863	3207	7501	116698
934142	7980748				
0.95	151353	46487	6866	17637	217557
1366590	10633332				
1.05	197586	69110	13092	35673	355790
1875323	12566429				
1.15	245245	98002	23124	64603	529136
2487913	12297822				
1.25	316606	127911	37598	106745	736103
2967413	10841160				
1.35	377724	164482	58288	162067	960997
3245901	8843949				
1.45	416309	201364	84173	232483	1205687
3492157	6560202				
1.55	477799	248763	118812	316632	1459288
3686536	4938197				
1.65	534531	292254	157695	416829	1717263
3846876	3518297				
1.75	662403	365696	204644	527584	1952395
3933301	2892598				
1.85	658720	397290	259891	646881	2179416
3957232	2300588				
1.95	720393	458276	318946	775695	2375288
4048935	1830887				
2.05	770430	505042	384500	908182	2545708
4141016	1477233				
2.15	919738	578016	454938	1040998	2692462
4122422	1251909				
2.25	879438	638176	531192	1178192	2814743
4118746	1210692				
2.35	935165	683406	606944	1312444	2915520
4050679	1118895				
2.45	976766	728735	693242	1441881	2993864
3971579	990265				
2.55	1137458	805928	770474	1564247	3037678
3730202	886005				
2.65	1068618	832455	851477	1681295	3054626
3506489	653749				
2.75	1112744	928565	935053	1793843	3052114
3296672	491973				
2.85	1143417	936763	1014179	1892220	3036117
3123147	376790				
2.95	1305955	1011699	1091338	1974677	2981888
2912850	334241				
3.05	1210082	1025376	1171079	2049066	2912185
2654786	318840				

3.15	1243658	1082604	1238440	2114977	2828055
2392322	303964				
3.25	1261262	1143265	1312667	2170844	2727351
2214130	297510				
3.35	1428598	1181127	1381352	2212399	2619633
2029984	290019				
3.45	1303646	1178920	1420483	2243373	2514094
1802203	281847				
3.55	1328982	1229663	1498637	2269740	2405447
1620495	277819				
3.65	1337033	1278182	1542393	2276617	2300487
1475677	260454				
3.75	1502273	1306346	1586325	2281820	2189328
1348790	247649				
3.85	1358579	1289908	1620791	2277472	2084367
1267842	241555				
3.95	1378497	1332453	1666708	2264136	1976398
1177077	239294				
4.05	1444483	1397370	1689391	2246845	1878643
1067973	233361				
4.15	1460209	1365594	1718388	2214061	1776311
982545	224416				
4.25	1386137	1379841	1721879	2186167	1684141
893979	218222				
4.35	1377171	1367978	1748378	2142711	1592984
798586	211240				
4.45	1525924	1467169	1753021	2104527	1504099
711909	199848				
4.55	1371123	1381151	1772452	2052090	1417749
649463	184546				
4.65	1376033	1410840	1768986	2009932	1339000
590287	159616				
4.75	1427585	1411139	1756700	1958293	1257902
536687	129552				
4.85	1433942	1453637	1760424	1904912	1182063
488060	106137				
4.95	1345597	1390216	1755379	1853057	1112679
463341	82797				
5.05	1335265	1404662	1738267	1791859	1051722
425917	63791				
5.15	1463588	1467609	1729940	1740509	987631
395177	46607				
5.25	1305484	1367373	1706381	1680382	937871
361313	32852				
5.35	1296083	1384824	1685811	1623142	886989
326803	22139				
5.45	1340082	1417468	1668784	1567047	841608
295561	11738				
5.55	1340332	1364758	1638646	1509912	799230
265155	6886				
5.65	1246942	1351849	1620102	1454002	758560
244661	3386				
5.75	1287067	1380359	1576185	1392865	718619
230046	2020				
5.85	1284141	1321108	1566995	1345134	684706
213106	659				
5.95	1188039	1286264	1533064	1287569	654687
202033	24				
6.05	1232481	1351957	1491692	1236538	623989
195256	0				
6.15	1225369	1271976	1467620	1188154	594092
184106	0				
6.25	1125317	1229431	1432005	1140247	568669
166462	0				

152218	6.35	11667850	1291415	1407469	1091186	541435
144224	6.45	11595350	1216954	1370171	1044621	518653
131806	6.55	10671730	1174583	1334515	1000240	495483
126394	6.65	11037320	1229140	1312292	957197	476268
124922	6.75	10941570	1156809	1267996	914194	457429
126533	6.85	10573080	1169180	1238814	873018	437797
119428	6.95	9890320	1112506	1204763	834902	418116
113768	7.05	10280910	1089417	1170926	797665	399813
108556	7.15	9912910	1103204	1140814	763148	382437
99750	7.25	9304760	1051806	1107704	729662	366036
89722	7.35	10047270	1075773	1070392	696134	351393
72273	7.45	8814600	986499	1046266	666998	336289
66170	7.55	8687230	1012119	1009917	635198	322732
55070	7.65	9365070	981450	980218	608543	309995
48977	7.75	8273140	967166	956036	582720	296570
42338	7.85	8398360	921470	921274	556579	284228
38959	7.95	8341040	922656	899594	532420	272065
36295	8.05	7691050	875884	861539	508437	260924
36244	8.15	8268670	897609	845373	487242	249855
35944	8.25	7283420	822354	813509	467738	239765
35421	8.35	7443840	854812	784489	446484	230311
32445	8.45	7354300	796757	756900	425347	220622
30712	8.55	7070970	813907	740787	409173	214158
30323	8.65	6967500	758328	714182	392891	206050
29375	8.75	6680710	756411	687549	374333	198768
28902	8.85	6263510	720427	664153	357307	192822
28132	8.95	6724840	733567	645544	343467	186433
27992	9.05	5912820	683879	620622	328800	180047
27986	9.15	6366940	696968	602267	316203	173562
27400	9.25	5603290	654245	581260	301812	166274
26857	9.35	5703470	642672	560435	290767	160184
25886	9.45	5617560	629001	541480	279560	154879

	9.55	538398	610966	522127	266496	148870
26059	0					
	9.65	530232	595505	503355	257462	144273
26383	0					
	9.75	509282	589849	490678	247028	138940
26410	0					
	9.85	501665	550107	471895	236482	134546
26930	0					
	9.95	482280	559840	453893	227618	130529
27978	0					
	10.05	474290	532368	441153	218372	125735
29307	0					
	10.15	452020	505641	426192	211235	122394
29497	0					
	10.25	425212	505633	412628	203057	118243
28939	0					
	10.35	454336	498865	397710	195000	114326
28371	0					
	10.45	401385	477123	380031	185399	110017
28254	0					
	10.55	430104	462007	366547	180543	105826
28193	0					
	10.65	395656	460806	357213	174776	101305
28569	0					
	10.75	388393	436600	344120	167619	98970
28240	0					
	10.85	373478	435035	334764	161909	96211
28610	0					
	10.95	368148	403384	319899	155713	93162
28521	0					
	11.05	352910	410064	309213	150250	90012
29169	0					
	11.15	361559	399113	302804	145279	86790
30435	0					
	11.25	317947	379159	289045	139933	83471
31669	0					
	11.35	342058	377268	279652	135225	80908
32034	0					
	11.45	313935	356570	268803	130665	77334
31864	0					
	11.55	310215	348471	260071	126176	74865
32793	0					
	11.65	314250	351207	253513	121827	72805
32822	0					
	11.75	287282	335502	243405	117449	70979
33771	0					
	11.85	283357	320334	235078	113481	69038
33693	0					
	11.95	271157	318733	227411	110529	66886
33621	0					
	12.05	278947	309145	219784	106632	64894
33970	0					
	12.15	245789	293286	211930	103310	62462
33410	0					
	12.25	263512	290805	206830	100492	60905
33706	0					
	12.35	241102	276247	197214	97268	59532
33566	0					
	12.45	251917	279945	193085	95276	58087
32433	0					
	12.55	232151	261278	185317	91758	56939
32228	0					
	12.65	222153	260031	179363	88641	55488
32480	0					

12.75	228273	252065	172129	86672	53187
33426	0				
12.85	201365	240776	167236	83650	52107
34761	0				
12.95	216490	242545	161350	82323	50419
35879	0				
13.05	210366	231771	156626	79071	49367
36003	0				
13.15	191944	225757	151539	77175	48662
36542	0				
13.25	198491	224806	146749	75347	47402
37964	0				
13.35	185885	211912	141395	72171	46518
39447	0				
13.45	177169	206512	136541	70225	44899
40310	0				
13.55	182310	202013	133358	68902	43670
42932	0				
13.65	177040	198552	128107	66197	42484
44219	0				
13.75	162660	191093	123318	64695	41090
42222	0				
13.85	167241	185513	120574	62860	40008
40935	0				
13.95	156899	178684	116982	61202	38827
40666	0				
14.05	149729	179381	112453	59515	38105
41616	0				
14.15	153157	170964	110074	57964	37241
39730	0				
14.25	151021	168438	105955	56152	35860
38089	0				
14.35	136761	160807	102974	54375	35080
35766	0				
14.45	142950	159436	99047	52815	34349
33479	0				
14.55	138704	156300	96620	51432	32840
33243	0				
14.65	127379	149167	93964	50258	31921
32781	0				
14.75	131713	146909	91413	49044	30996
33139	0				
14.85	127472	144282	88479	47871	30182
32201	0				
14.95	124669	139120	85905	46624	29491
31306	0				
15.05	114531	134599	82813	45587	28393
30144	0				
15.15	114236	132079	80193	44589	27822
30145	0				
15.25	114155	127180	78321	43158	27058
29649	0				
15.35	112534	125942	75816	42036	26504
29670	0				
15.45	109707	124714	73937	40957	25722
28410	0				
15.55	100577	117242	71773	40310	25065
27604	0				
15.65	108281	121340	70805	39670	24766
27122	0				
15.75	100481	112244	67400	38452	24227
26789	0				
15.85	98928	113004	65797	38149	23783
26124	0				

15.95	95974	107858	64080	36283	22751
25908	0				
16.05	88109	105836	62084	36335	22644
25516	0				
16.15	92518	102524	60208	35429	22545
26021	0				
16.25	89561	101661	58567	34765	22488
26114	0				
16.35	87709	96445	57359	34105	22495
26267	0				
16.45	85390	96510	55471	33432	22372
26617	0				
16.55	83597	93073	53778	32726	21896
27097	0				
16.65	81504	93268	52758	31978	21666
27413	0				
16.75	77691	90598	50687	31379	21477
28119	0				
16.85	78195	87989	50013	30775	20896
28912	0				
16.95	75977	85699	48680	29814	20808
30042	0				
17.05	74529	84257	47666	29125	20346
30881	0				
17.15	72323	80664	45915	28725	20205
31954	0				
17.25	72893	80836	44899	27986	19889
30996	0				
17.35	69433	79099	43672	27182	19502
30807	0				
17.45	67465	76957	42530	26820	18581
30477	0				
17.55	66934	73432	41678	26396	18098
29913	0				
17.65	64412	73159	40549	25388	17231
28560	0				
17.75	65356	73015	39532	25186	16588
26411	0				
17.85	62900	70187	38785	24937	16273
23865	0				
17.95	60653	68978	37755	24439	15832
22693	0				
18.05	61704	68798	36879	23885	15430
22128	0				
18.15	57915	65514	35927	23670	15567
21673	0				
18.25	57393	63468	34962	23396	15362
21371	0				
18.35	57830	64589	33898	22812	15092
21115	0				
18.45	55139	61893	33153	22201	15066
21673	0				
18.55	53562	59987	32326	22247	14624
21651	0				
18.65	54850	59889	31607	21873	14476
21768	0				
18.75	51886	58213	31533	21737	14311
21946	0				
18.85	52795	59346	30303	20766	14229
22326	0				
18.95	49995	56766	29810	20813	14313
22424	0				
19.05	50369	55587	29059	20561	14365
22288	0				

19.15	47537	53424	28274	20356	13787
21578	0				
19.25	46819	52927	27961	20053	13802
21504	0				
19.35	50515	53422	27361	19602	13555
20819	0				
19.45	45639	50216	26586	19341	13435
20305	0				
19.55	45906	50641	25877	19146	13520
20854	0				
19.65	44305	50079	25575	18721	13896
21440	0				
19.75	44629	48773	24995	18418	13732
21030	0				
19.85	43811	47619	24641	18012	14078
21653	0				
19.95	43876	47504	24162	18111	13589
22139	0				
20.05	41632	45878	23670	17850	13332
22286	0				
20.15	40173	44301	23342	17744	13144
22864	0				
20.25	40531	45362	22779	17613	12816
24161	0				
20.35	39605	43736	22642	17223	12859
23668	0				
20.45	39963	42765	22309	17310	12618
23821	0				
20.55	38346	42993	21727	17079	12340
23725	0				
20.65	37870	41611	21339	16644	11896
22979	0				
20.75	36117	40585	20981	16622	11785
23264	0				
20.85	39009	40379	20622	16268	11683
22595	0				
20.95	35778	40219	20238	16222	11606
22744	0				
21.05	34857	38190	20004	16015	11795
22912	0				
21.15	36835	39279	19421	15433	11629
23951	0				
21.25	34388	37864	19239	15299	12001
23820	0				
21.35	33948	37189	18961	15266	12118
23164	0				
21.45	34964	37090	18982	15098	11966
23354	0				
21.55	31646	35588	18242	15031	12384
23734	0				
21.65	32181	35089	18288	14830	12400
23337	0				
21.75	33440	35167	17950	14864	12503
22580	0				
21.85	30860	34512	17578	14696	12343
21864	0				
21.95	30626	33449	17501	14600	12381
20665	0				
22.05	31900	33173	17336	14395	12226
19771	0				
22.15	29756	33317	17492	14254	12326
19154	0				
22.25	30969	32640	16603	14113	11954
18369	0				

	22.35	28789	31963	16604	14157	11919
18056	0					
	22.45	29853	31447	16319	14275	11652
18737	0					
	22.55	28213	30837	16089	14021	11757
18396	0					
	22.65	28837	30104	15894	13711	11955
17487	0					
	22.75	27076	30084	15717	13612	11909
17332	0					
	22.85	27857	29722	15768	13420	11948
17508	0					
	22.95	26292	28917	15550	13374	11605
16694	0					
	23.05	27252	28823	14973	13134	11432
16084	0					
	23.15	25299	28249	15021	12976	11164
16422	0					
	23.25	26475	27780	14833	12647	11067
16334	0					
	23.35	24922	27786	14685	12704	10959
16075	0					
	23.45	25482	27072	14711	12469	10971
15271	0					
	23.55	25268	26392	14477	12366	10915
14555	0					
	23.65	24611	26761	14153	12118	10708
14161	0					
	23.75	24340	25932	14156	12110	10651
14110	0					
	23.85	24436	25703	14083	12113	10470
13629	0					
	23.95	23088	24727	13804	11964	10085
12931	0					
	24.05	23899	25488	13560	11792	9922
13043	0					
	24.15	23142	24532	13712	11865	9866
13005	0					
	24.25	21802	23900	13328	11772	9968
12403	0					
	24.35	22674	23303	13100	11686	10112
11603	0					
	24.45	22886	23971	13143	11540	10148
11407	0					
	24.55	20676	22509	12820	11576	10183
10708	0					
	24.65	21726	23442	12668	11361	10526
10622	0					
	24.75	21013	22021	12620	11293	10770
9180	0					
	24.85	21115	21916	12547	11388	10308
7769	0					
	24.95	21204	22608	12373	11419	10357
6846	0					
	25.05	19095	20862	12047	11110	10319
6285	0					
	25.15	20656	21633	12352	11003	10114
5967	0					
	25.25	19538	20858	11995	10838	10294
5243	0					
	25.35	19735	20584	11768	10776	10018
4153	0					
	25.45	19495	20158	11711	10790	10147
3944	0					

	25.55	19426	20124	11540	10459	10051
3740	0					
	25.65	18586	19525	11409	10483	9960
3509	0					
	25.75	17995	19512	11402	10404	9815
3154	0					
	25.85	18464	19136	11057	10411	9861
3180	0					
	25.95	17783	18603	11122	10074	9567
3377	0					
	26.05	18152	18891	10725	9976	9581
3136	0					
	26.15	17725	18362	10634	9859	9314
3060	0					
	26.25	16913	17999	10400	9657	9245
2396	0					
	26.35	17258	18455	10426	9254	8909
1464	0					
	26.45	17152	17601	10160	9605	8808
976	0					
	26.55	16803	17176	10172	9244	8611
958	0					
	26.65	16757	17422	9829	9461	8592
730	0					
	26.75	15513	16466	9848	8921	8554
446	0					
	26.85	16949	17220	9899	9056	8720
205	0					
	26.95	15877	16473	9793	8854	8285
108	0					
	27.05	15452	16141	9533	8554	8114
20	0					
	27.15	15418	15994	9611	8449	8215
24	0					
	27.25	15353	15946	9421	8469	8387
14	0					
	27.35	14979	15958	9213	8007	8105
12	0					
	27.45	14923	15319	8956	7942	8110
20	0					
	27.55	15295	15369	8891	7770	7998
24	0					
	27.65	14255	15005	8635	7700	7883
0	0					
	27.75	14360	14568	8661	7441	7826
0	0					
	27.85	13785	14444	8497	7382	7498
0	0					
	27.95	14261	14403	8526	7310	7460
0	0					
	28.05	13212	13986	8133	7150	7310
0	0					
	28.15	13220	13914	8117	7172	7211
0	0					
	28.25	13082	13470	7937	7130	6994
0	0					
	28.35	13750	14062	7841	6756	6835
0	0					
	28.45	12690	13279	7825	6799	6826
0	0					
	28.55	12427	12878	7663	6605	6706
0	0					
	28.65	12783	12860	7566	6579	6881
0	0					

0	28.75	12704	13154	7479	6698	6932
0	28.85	12529	12672	7259	6796	6887
0	28.95	11823	12279	7137	6396	6881
0	29.05	12435	12377	7045	6388	6652
0	29.15	11605	12152	7057	6407	6664
0	29.25	11873	11936	6792	6193	6641
0	29.35	11460	11963	6790	6084	6441
0	29.45	11910	11740	6617	5968	6261
0	29.55	11205	11552	6522	6010	6265
0	29.65	11490	11276	6374	5763	6181
0	29.75	10797	11134	6337	5839	6164
0	29.85	11145	10948	6286	5672	6043
0	29.95	10624	10727	6099	5626	5923
0	30.05	10500	11021	6060	5567	5790
0	30.15	10687	10490	5969	5503	5752
0	30.25	10130	10070	5794	5388	5538
0	30.35	10197	10308	5872	5417	5509
0	30.45	10255	10320	5803	5155	5308
0	30.55	10121	10008	5799	5161	5368
0	30.65	9869	9802	5663	5061	5071
0	30.75	9100	9436	5484	4959	5088
0	30.85	9752	9905	5261	4848	5020
0	30.95	9550	9403	5463	4895	5104
0	31.05	9345	9369	5331	4951	5056
0	31.15	9347	9207	5372	4698	4793
0	31.25	9067	9078	5311	4701	4850
0	31.35	9188	9176	5110	4597	4878
0	31.45	8357	8561	5179	4777	4786
0	31.55	8629	8701	4928	4819	4798
0	31.65	8786	8625	5020	4561	4726
0	31.75	8544	8515	4868	4512	4731
0	31.85	8374	8395	4982	4536	4670

0	31.95	0	8740	8344	4793	4518	4625
0	32.05	0	8120	7939	4767	4439	4528
0	32.15	0	7949	8007	4714	4425	4490
0	32.25	0	8067	8007	4527	4258	4558
0	32.35	0	7737	7721	4561	4443	4563
0	32.45	0	7848	7750	4492	4283	4436
0	32.55	0	7800	7653	4349	4335	4626
0	32.65	0	7478	7397	4420	4224	4448
0	32.75	0	7814	7416	4392	4298	4421
0	32.85	0	7139	7105	4391	4192	4404
0	32.95	0	7083	7253	4336	4127	4346
0	33.05	0	7154	7060	4298	4318	4415
0	33.15	0	7382	7002	4069	4154	4290
0	33.25	0	6971	6902	4350	4045	4327
0	33.35	0	6908	6821	4124	3941	4504
0	33.45	0	7005	6852	4107	4036	4445
0	33.55	0	6686	6666	4106	3911	4230
0	33.65	0	6677	6412	4023	3746	4223
0	33.75	0	6626	6584	4014	3840	4315
0	33.85	0	6637	6340	3945	3750	4265
0	33.95	0	6219	6232	3878	3599	4253
0	34.05	0	6464	6213	3872	3599	4343
0	34.15	0	6050	6257	3793	3644	4352
0	34.25	0	6183	5880	3676	3444	4196
0	34.35	0	5881	5919	3646	3426	4469
0	34.45	0	6126	5797	3627	3322	4404
0	34.55	0	5827	5642	3577	3209	4377
0	34.65	0	5782	5733	3703	3205	4292
0	34.75	0	5934	5566	3609	3195	4422
0	34.85	0	5917	5623	3522	3240	4242
0	34.95	0	5590	5368	3350	3161	4502
0	35.05	0	5519	5619	3456	3182	4363

0	35.15	0	5458	5317	3394	3096	4506
0	35.25	0	5509	5147	3376	2991	4493
0	35.35	0	5446	5133	3327	2934	4354
0	35.45	0	5323	4976	3210	2867	4284
0	35.55	0	5209	4978	3170	2913	4331
0	35.65	0	5244	5017	3302	2958	4255
0	35.75	0	5001	4860	3038	2855	4225
0	35.85	0	5028	4805	3014	2659	4364
0	35.95	0	5027	4784	2987	2875	4435
0	36.05	0	4937	4893	3005	2661	4454
0	36.15	0	4784	4722	2993	2588	4390
0	36.25	0	4765	4496	2843	2648	4458
0	36.35	0	4620	4480	2952	2648	4532
0	36.45	0	4592	4453	2852	2702	4622
0	36.55	0	4865	4569	2868	2593	4548
0	36.65	0	4479	4344	2793	2580	4547
0	36.75	0	4396	4216	2885	2575	4444
0	36.85	0	4285	4219	2685	2681	4747
0	36.95	0	4512	4175	2669	2605	4599
0	37.05	0	4261	4127	2634	2531	4640
0	37.15	0	4193	4141	2582	2331	4651
0	37.25	0	4212	4028	2722	2449	4723
0	37.35	0	4139	3916	2561	2320	4624
0	37.45	0	4308	3889	2539	2318	4540
0	37.55	0	3885	3753	2550	2368	4499
0	37.65	0	3966	3731	2506	2253	4411
0	37.75	0	3866	3882	2437	2246	4422
0	37.85	0	3776	3718	2408	2235	4571
0	37.95	0	3840	3431	2382	2279	4508
0	38.05	0	3740	3586	2334	2144	4398
0	38.15	0	3813	3529	2456	2181	4356
0	38.25	0	3740	3450	2403	2199	4278

0	38.35	0	3610	3439	2333	2168	4077
0	38.45	0	3652	3517	2262	2176	4353
0	38.55	0	3559	3427	2168	2188	4271
0	38.65	0	3373	3293	2188	2156	4179
0	38.75	0	3466	3191	2201	2105	4184
0	38.85	0	3589	3110	2285	2109	3975
0	38.95	0	3456	3248	2206	2091	3858
0	39.05	0	3264	3146	2143	2056	3796
0	39.15	0	3300	3116	2073	2035	3615
0	39.25	0	3373	3159	2079	2064	3540
0	39.35	0	3327	2963	2105	2072	3499
0	39.45	0	3282	3024	2019	2030	3438
0	39.55	0	3214	2955	1984	2027	3406
0	39.65	0	3031	2997	1972	2039	3241
0	39.75	0	3193	3005	2015	2056	3272
0	39.85	0	3032	2873	2021	1967	3377
0	39.95	0	2940	2888	2007	1967	3198
0	40.05	0	2779	2813	1900	1942	3053
0	40.15	0	2952	2685	1873	1999	2858
0	40.25	0	2825	2752	1920	1983	2729
0	40.35	0	2886	2731	1898	1983	2649
0	40.45	0	2809	2677	1818	1929	2643
0	40.55	0	2750	2658	1806	1929	2578
0	40.65	0	2668	2577	1825	1911	2567
0	40.75	0	2642	2620	1783	1885	2663
0	40.85	0	2767	2478	1779	1894	2459
0	40.95	0	2523	2399	1774	1881	2652
0	41.05	0	2572	2431	1756	1869	2531
0	41.15	0	2554	2390	1730	1940	2397
0	41.25	0	2479	2293	1740	1903	2315
0	41.35	0	2478	2422	1723	1808	2239
0	41.45	0	2543	2372	1685	1810	2184

0	41.55	0	2400	2315	1734	1841	2160
0	41.65	0	2491	2343	1666	1873	1990
0	41.75	0	2405	2231	1624	1866	2072
0	41.85	0	2490	2324	1683	1837	2011
0	41.95	0	2328	2227	1695	1865	1863
0	42.05	0	2233	2238	1626	1883	1754
0	42.15	0	2348	2174	1654	1831	1636
0	42.25	0	2235	2125	1558	1800	1759
0	42.35	0	2207	2217	1495	1789	1573
0	42.45	0	2295	2083	1589	1746	1610
0	42.55	0	2055	2077	1592	1797	1533
0	42.65	0	2233	2108	1557	1790	1460
0	42.75	0	2243	2113	1572	1788	1343
0	42.85	0	2129	2033	1533	1808	1233
0	42.95	0	2143	2061	1543	1733	1183
0	43.05	0	2091	1949	1488	1760	1142
0	43.15	0	2045	1971	1514	1688	1095
0	43.25	0	2064	1909	1556	1703	1025
0	43.35	0	1950	1955	1436	1685	984
0	43.45	0	1901	1864	1412	1655	1031
0	43.55	0	1947	1796	1435	1581	966
0	43.65	0	1893	1856	1426	1639	907
0	43.75	0	1907	1844	1458	1590	905
0	43.85	0	1933	1768	1428	1636	859
0	43.95	0	1861	1815	1445	1609	765
0	44.05	0	1694	1794	1409	1677	745
0	44.15	0	1807	1722	1423	1577	675
0	44.25	0	1734	1672	1356	1584	609
0	44.35	0	1739	1653	1349	1553	576
0	44.45	0	1722	1648	1350	1550	555
0	44.55	0	1827	1734	1350	1524	536
0	44.65	0	1768	1640	1324	1555	519

0	44.75	0	1662	1585	1262	1495	507
0	44.85	0	1778	1620	1257	1499	506
0	44.95	0	1662	1512	1247	1563	520
0	45.05	0	1596	1631	1276	1505	486
0	45.15	0	1637	1513	1212	1523	482
0	45.25	0	1613	1572	1328	1416	484
0	45.35	0	1706	1509	1262	1397	485
0	45.45	0	1620	1565	1279	1406	467
0	45.55	0	1570	1515	1211	1422	440
0	45.65	0	1521	1500	1238	1318	441
0	45.75	0	1627	1511	1179	1348	422
0	45.85	0	1489	1444	1167	1268	376
0	45.95	0	1357	1421	1247	1213	408
0	46.05	0	1380	1325	1197	1302	405
0	46.15	0	1484	1460	1102	1196	353
0	46.25	0	1472	1380	1137	1275	369
0	46.35	0	1471	1355	1159	1238	364
0	46.45	0	1381	1338	1136	1201	311
0	46.55	0	1363	1430	1117	1232	331
0	46.65	0	1387	1345	1102	1241	330
0	46.75	0	1355	1265	1086	1241	330
0	46.85	0	1350	1297	1140	1135	356
0	46.95	0	1322	1223	1051	1101	348
0	47.05	0	1218	1297	1008	1173	313
0	47.15	0	1322	1235	1036	1098	329
0	47.25	0	1246	1294	1076	1078	362
0	47.35	0	1263	1284	1052	1075	346
0	47.45	0	1237	1191	1028	1108	372
0	47.55	0	1183	1165	1095	1034	366
0	47.65	0	1294	1174	998	1097	341
0	47.75	0	1127	1192	1003	1031	301
0	47.85	0	1216	1177	968	1042	286

0	47.95	0	1220	1207	941	1043	286
0	48.05	0	1111	1122	994	1047	227
0	48.15	0	1108	1121	943	1024	227
0	48.25	0	1103	1133	968	1029	222
0	48.35	0	1142	1167	955	993	191
0	48.45	0	1089	1200	919	982	202
0	48.55	0	1143	1139	911	900	189
0	48.65	0	1062	1052	926	952	183
0	48.75	0	1045	1038	898	886	184
0	48.85	0	1015	1081	863	925	209
0	48.95	0	1006	1075	869	872	166
0	49.05	0	1067	1115	895	845	170
0	49.15	0	1068	1133	815	794	148
0	49.25	0	1007	1040	876	881	124
0	49.35	0	1024	1080	838	864	123
0	49.45	0	998	1082	812	751	135
0	49.55	0	1035	963	812	784	111
0	49.65	0	961	1003	827	735	116
0	49.75	0	933	1017	883	827	99
0	49.85	0	1002	983	824	759	79
0	49.95	0	913	883	850	724	73