

Slope (deg)	L=0	L=2	L=7	L=15	L=50
L=330	L=2000				
0	0.05	2	0	0	0
2	0.15	358	4	0	0
7883	0.25	2892	158	0	0
28583	0.35	10458	970	1	39
98055	0.45	31535	3977	39	1562
342768	0.55	56851	10261	276	13112
977989	0.65	94178	23628	1101	57861
2111645	0.75	141149	40905	3438	168497
3266055	0.85	196232	66488	8916	369735
4395570	0.95	293782	103981	19279	659270
5358423	1.05	335884	141224	37104	1013808
5987864	1.15	407676	193493	63852	1407597
6347757	1.25	481597	245033	102675	1815298
6432706	1.35	591890	322374	152731	2194265
6244640	1.45	672944	378235	215942	2533556
5898465	1.55	711233	448689	290476	2812240
5432663	1.65	781803	511149	374772	3026920
4686180	1.75	904336	591326	470901	3180215
3943551	1.85	975715	665462	569336	3262910
3312784	1.95	983175	752423	680925	3307618
2790911	2.05	1038909	810299	789660	3286055
2437477	2.15	1091768	862894	906054	3232866
2118462	2.25	1277537	958023	1017611	3140337
1825279	2.35	1187843	987896	1123904	3027416
1573040	2.45	1224087	1063016	1226840	2890929
1373671	2.55	1259923	1136200	1329043	2748618
1213802	2.65	1370162	1164869	1409042	2594480
1039742	2.75	1387110	1205816	1504662	2433403
862995	2.85	1335388	1249875	1574677	2274272
724119	2.95	1355533	1262415	1632658	2115145
633091	3.05	1453448	1361547	1687179	1963688

3.15	1453034	1343275	1740740	2320120	1822412
571987	0				
3.25	1382122	1363688	1760027	2273684	1684727
503565	0				
3.35	1385464	1358124	1793076	2205253	1561244
428578	0				
3.45	1473074	1397094	1817634	2127311	1447352
371397	0				
3.55	1456628	1456316	1820075	2054052	1345977
317916	0				
3.65	1374247	1410630	1810689	1972003	1250629
266122	0				
3.75	1365030	1388652	1819338	1887254	1162232
219075	0				
3.85	1440274	1413224	1809489	1799798	1081601
186274	0				
3.95	1415912	1412770	1778597	1714558	1004558
147077	0				
4.05	1325717	1450444	1763465	1635057	939792
121722	0				
4.15	1306800	1371238	1728964	1552374	877096
108541	0				
4.25	1372317	1382789	1693570	1470491	826260
95565	0				
4.35	1339887	1371466	1679666	1393357	775550
85143	0				
4.45	1248218	1398045	1627031	1320335	728642
81007	0				
4.55	1226279	1310595	1591729	1247477	686885
83497	0				
4.65	1348573	1344944	1546960	1181119	643563
80788	0				
4.75	1178096	1273422	1497561	1117067	606177
78844	0				
4.85	1153948	1313518	1466730	1057816	567192
76519	0				
4.95	1129206	1227244	1407446	1004117	533567
74477	0				
5.05	1237414	1251269	1372059	948934	502637
70510	0				
5.15	1077728	1203151	1311125	898347	472293
65150	0				
5.25	1052540	1191503	1274531	849349	446081
60213	0				
5.35	1147043	1175354	1234536	805349	425052
54516	0				
5.45	999376	1104416	1179303	761399	402532
46802	0				
5.55	976142	1133080	1140120	718173	383382
35720	0				
5.65	997665	1074689	1098873	683993	364823
29186	0				
5.75	987171	1045532	1048790	646430	346220
28109	0				
5.85	896832	1050763	1016015	613668	327768
28523	0				
5.95	871630	972298	972741	581874	312552
28947	0				
6.05	950165	986242	935492	554769	297879
29906	0				
6.15	823140	949615	897148	526486	283347
29052	0				
6.25	801045	913412	856376	500053	269486
28744	0				

	6.35	868614	906445	825540	476838	257665
28046	0					
	6.45	752102	871488	790972	451286	242636
29038	0					
	6.55	766186	854792	760220	435660	232376
30460	0					
	6.65	755263	813021	722636	413179	221027
31144	0					
	6.75	682583	796064	696316	395265	210170
31526	0					
	6.85	698527	781919	664203	378706	200419
33038	0					
	6.95	685090	738865	640083	360997	191866
33407	0					
	7.05	622311	726547	613466	344802	182412
34579	0					
	7.15	632875	711486	588990	332071	172703
33799	0					
	7.25	626354	695499	563315	317783	164313
33193	0					
	7.35	565523	641454	539526	304045	155919
33682	0					
	7.45	575855	645847	517492	291919	148438
34417	0					
	7.55	567299	631054	498599	279301	142949
34106	0					
	7.65	536745	595748	475980	268306	137555
32999	0					
	7.75	495861	591867	456683	258707	132950
33635	0					
	7.85	514498	555768	440556	248901	126156
32551	0					
	7.95	486940	554988	421042	239223	119881
30332	0					
	8.05	449172	520555	404181	230192	114967
28763	0					
	8.15	486192	528820	388894	222185	109440
28587	0					
	8.25	421630	487036	372065	213365	104715
24625	0					
	8.35	426287	485646	361344	206558	99370
22512	0					
	8.45	419330	455189	341266	199431	95261
20484	0					
	8.55	381008	452834	332767	192301	91643
17609	0					
	8.65	413579	437027	318864	185998	87696
15394	0					
	8.75	354000	422624	307754	179563	84633
13912	0					
	8.85	360370	399598	297343	174795	81871
12474	0					
	8.95	356439	398703	283707	168411	79779
10199	0					
	9.05	337922	382210	276205	163628	76440
9045	0					
	9.15	334253	372563	264150	158306	74264
6525	0					
	9.25	315453	357117	254653	154410	72160
2676	0					
	9.35	292618	341860	246091	148819	70073
823	0					
	9.45	316324	343934	236961	144408	68100
83	0					

0	9.55	273457	317857	229289	140086	65934
0		0				
0	9.65	296224	322135	220719	134801	64094
0		0				
0	9.75	255223	304459	214609	131429	61530
0		0				
0	9.85	278022	294718	205365	126771	59904
0		0				
0	9.95	239486	285444	200525	124298	58511
0		0				
0	10.05	242577	269934	193227	119710	56933
0		0				
0	10.15	241877	268177	185878	116062	55883
0		0				
0	10.25	228462	265912	180488	112866	53854
0		0				
0	10.35	226080	244756	174904	109647	52102
0		0				
0	10.45	214991	249704	168914	106327	50231
0		0				
0	10.55	222432	240726	162855	103399	49044
0		0				
0	10.65	190654	227420	157370	100906	47093
0		0				
0	10.75	209331	220696	153390	98499	45906
0		0				
0	10.85	179596	214043	149652	95235	44062
0		0				
0	10.95	195144	211305	143672	92689	43198
0		0				
0	11.05	169371	200500	140250	90155	42447
0		0				
0	11.15	183958	193644	135110	88499	41526
0		0				
0	11.25	166146	193504	131555	86061	39887
0		0				
0	11.35	165330	183369	128367	83572	39369
0		0				
0	11.45	156903	181609	124057	81856	38422
0		0				
0	11.55	161513	175152	121144	79810	37382
0		0				
0	11.65	139932	161427	116736	77383	36737
0		0				
0	11.75	152701	165337	114017	75311	36177
0		0				
0	11.85	138122	159924	110663	73547	35314
0		0				
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0		0				
0	12.05	130547	151514	104801	69107	33713
0		0				
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0		0				
0	12.25	125393	138943	99220	65760	32461
0		0				
0	12.35	118887	137906	95869	63759	32150
0		0				
0	12.45	123841	133923	93725	61976	30908
0		0				
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0		0				
0	12.65	116768	126381	89287	59132	30224
0		0				

0	12.75	105413	122360	85998	58129	29668
0	12.85	109736	121817	84735	56033	28696
0	12.95	102886	113002	81939	54826	28262
0	13.05	97014	112859	79859	53008	27412
0	13.15	101231	109440	77572	51268	25450
0	13.25	97503	108169	75851	49978	24994
0	13.35	85191	103973	73832	48744	24390
0	13.45	92300	100001	72245	47167	24131
0	13.55	83039	96795	70236	46265	23642
0	13.65	87714	96105	68615	44971	22731
0	13.75	84635	90738	66636	43790	22467
0	13.85	77099	89662	65235	42501	21878
0	13.95	76805	86500	62896	41488	21196
0	14.05	77835	84144	61757	40567	20119
0	14.15	70495	82284	59864	39688	19095
0	14.25	73483	83914	58628	38622	18586
0	14.35	71814	77893	57173	37474	17675
0	14.45	69166	76480	55728	36798	16857
0	14.55	63156	73328	53624	36062	15998
0	14.65	65776	73158	52976	35071	15623
0	14.75	61405	69062	51320	33961	15372
0	14.85	58603	68092	49914	33438	14690
0	14.95	60587	67224	48604	32608	14301
0	15.05	59006	65677	47248	31815	13780
0	15.15	57558	63347	46033	30963	13420
0	15.25	52091	60758	45254	29841	12972
0	15.35	54419	61238	43504	29333	12684
0	15.45	52954	57500	42634	28535	12283
0	15.55	51810	58412	41472	27659	11917
0	15.65	46610	54004	40536	27026	11443
0	15.75	48974	53704	39281	26006	11176
0	15.85	47938	53873	38386	25694	11081
0		0				

0	15.95	46460	50305	37279	25118	10538
0	16.05	45230	51381	36391	24833	10139
0	16.15	44061	48369	35830	23968	9735
0	16.25	40108	47795	35011	23185	9565
0	16.35	43594	46997	34048	22881	9525
0	16.45	40360	46110	32883	22122	9260
0	16.55	39485	42860	32099	21210	9350
0	16.65	38369	43631	31498	20658	9057
0	16.75	37556	42505	30845	19756	9041
0	16.85	36656	40544	29935	19196	8780
0	16.95	33158	39384	28868	18879	8419
0	17.05	36138	40289	28153	18208	8237
0	17.15	33660	37436	27570	17782	8096
0	17.25	33120	37605	26753	17431	8076
0	17.35	32281	36499	25789	16993	7805
0	17.45	31139	34592	25204	16586	7581
0	17.55	31852	34886	24713	16204	7214
0	17.65	29947	33840	24013	15795	7074
0	17.75	29446	33376	23643	15703	7011
0	17.85	28253	32133	22942	15183	6669
0	17.95	28688	31231	22484	14839	6295
0	18.05	26857	30460	21959	14417	6083
0	18.15	26321	30024	21209	14218	5863
0	18.25	26979	29540	20348	13916	5753
0	18.35	25379	28414	19801	13364	5672
0	18.45	24598	27458	20060	12880	5378
0	18.55	24922	27595	19171	12824	5358
0	18.65	23291	26419	18730	12604	5154
0	18.75	22515	25445	18233	12293	5243
0	18.85	23039	26115	17817	11958	5020
0	18.95	21521	24219	17361	11850	4879
0	19.05	21861	24215	17081	11400	4752

0	19.15	20477	22788	16834	11418	4539
0	19.25	20898	23232	16300	10768	4237
0	19.35	21152	22659	15981	10735	4128
0	19.45	19532	22200	15506	10476	3989
0	19.55	18458	21053	15212	10216	3846
0	19.65	19030	20952	14783	10268	3800
0	19.75	18034	20329	14698	9914	3870
0	19.85	18429	20071	13887	9666	3683
0	19.95	17310	19614	13865	9658	3522
0	20.05	18280	19341	13473	9102	3425
0	20.15	16065	18147	13054	9073	3336
0	20.25	16486	18910	13035	8883	3209
0	20.35	16129	18210	12510	8869	3248
0	20.45	15250	16932	12410	8827	3128
0	20.55	16580	17874	12156	8595	3129
0	20.65	14503	16115	11851	8139	3149
0	20.75	14740	16815	11353	8120	2981
0	20.85	14459	15805	10964	8048	2990
0	20.95	14513	15976	10876	7765	2893
0	21.05	13212	14757	10761	7757	2836
0	21.15	13406	15406	10444	7572	2909
0	21.25	14117	15275	10157	7401	2911
0	21.35	12915	14119	9765	7316	2905
0	21.45	11974	13907	9666	7291	2939
0	21.55	12976	13825	9517	7038	2880
0	21.65	11922	13551	9311	7016	2815
0	21.75	11873	13537	8990	6915	2712
0	21.85	12173	13216	8824	6660	2637
0	21.95	11031	12452	8516	6596	2824
0	22.05	11493	12435	8557	6352	2537
0	22.15	10558	12035	8293	6372	2535
0	22.25	10533	12068	8199	6117	2366

0	22.35	10924	11583	7938	6104	2341
0	22.45	9901	11463	7715	5853	2216
0	22.55	10325	11123	7526	5647	2116
0	22.65	9362	10648	7372	5625	2166
0	22.75	9787	10866	7234	5278	2057
0	22.85	9119	10207	7156	5128	2076
0	22.95	9529	10546	7106	4727	1979
0	23.05	8542	10014	6609	4646	1925
0	23.15	9146	9889	6719	4496	1803
0	23.25	8360	9426	6514	4476	1783
0	23.35	8823	9476	6382	4432	1595
0	23.45	7849	9019	6300	4128	1682
0	23.55	8359	9081	6198	4132	1555
0	23.65	8150	9036	5984	4021	1426
0	23.75	7311	8422	5741	3849	1373
0	23.85	7561	8158	5534	3722	1233
0	23.95	7943	8541	5478	3570	1188
0	24.05	6908	7733	5419	3567	1102
0	24.15	7268	7633	5244	3457	1024
0	24.25	7271	7928	5148	3442	939
0	24.35	6911	7636	5017	3235	870
0	24.45	6581	7458	4915	3146	750
0	24.55	6620	7085	4807	3058	717
0	24.65	6334	7169	4590	2902	629
0	24.75	6528	7014	4297	2818	611
0	24.85	6381	7014	4341	2673	482
0	24.95	6125	6734	4203	2654	406
0	25.05	5954	6330	4033	2574	342
0	25.15	5755	6440	4118	2451	319
0	25.25	5933	6399	4027	2468	287
0	25.35	5646	6186	3974	2344	288
0	25.45	5515	5822	3753	2288	271

0	25.55	0	5403	5886	3655	2190	256
0	25.65	0	5183	5785	3537	2105	253
0	25.75	0	5128	5695	3500	2089	233
0	25.85	0	5039	5468	3188	2023	218
0	25.95	0	4498	5049	3329	1902	205
0	26.05	0	5002	5369	3111	1895	185
0	26.15	0	4803	5276	3125	1902	184
0	26.25	0	4616	5012	3005	1884	186
0	26.35	0	4683	4984	2996	1864	165
0	26.45	0	4454	4855	2693	1689	157
0	26.55	0	4422	4736	2756	1740	177
0	26.65	0	4065	4592	2824	1748	159
0	26.75	0	4184	4471	2648	1760	159
0	26.85	0	4354	4500	2607	1719	168
0	26.95	0	4034	4408	2482	1681	146
0	27.05	0	4085	4405	2368	1625	150
0	27.15	0	3869	4127	2321	1598	134
0	27.25	0	3888	4231	2327	1546	137
0	27.35	0	3477	3884	2238	1479	135
0	27.45	0	3801	3960	2161	1427	104
0	27.55	0	3480	3742	2129	1387	105
0	27.65	0	3750	4011	2077	1357	101
0	27.75	0	3530	3646	2070	1344	93
0	27.85	0	3375	3817	2064	1385	107
0	27.95	0	3155	3548	1846	1300	98
0	28.05	0	3313	3457	1914	1339	98
0	28.15	0	3152	3387	1918	1279	92
0	28.25	0	3077	3425	1756	1313	64
0	28.35	0	3255	3332	1832	1251	77
0	28.45	0	2999	3254	1673	1253	69
0	28.55	0	3016	3374	1760	1082	77
0	28.65	0	3027	3013	1634	1084	89

0	28.75	0	2748	3077	1649	1116	80
0	28.85	0	2782	2923	1607	1098	88
0	28.95	0	2818	2932	1515	1092	67
0	29.05	0	2631	2927	1477	1040	79
0	29.15	0	2858	2928	1539	999	59
0	29.25	0	2536	2885	1490	1022	76
0	29.35	0	2603	2739	1404	1058	72
0	29.45	0	2432	2701	1384	999	73
0	29.55	0	2475	2498	1350	961	58
0	29.65	0	2401	2614	1380	922	80
0	29.75	0	2408	2548	1291	954	83
0	29.85	0	2496	2344	1350	901	80
0	29.95	0	2272	2424	1153	887	75
0	30.05	0	2248	2371	1221	935	58
0	30.15	0	2199	2230	1138	856	64
0	30.25	0	2107	2283	1175	824	66
0	30.35	0	2135	2124	1153	849	50
0	30.45	0	2079	2163	1024	799	52
0	30.55	0	2029	2064	983	719	42
0	30.65	0	2076	2168	1048	767	36
0	30.75	0	2071	1936	1020	764	50
0	30.85	0	2012	2088	1025	710	32
0	30.95	0	1794	1976	1041	665	39
0	31.05	0	1927	1994	929	728	47
0	31.15	0	1844	1924	904	710	37
0	31.25	0	1871	1856	888	668	18
0	31.35	0	1762	1762	830	660	6
0	31.45	0	1833	1802	808	625	0
0	31.55	0	1738	1770	751	583	0
0	31.65	0	1495	1615	770	550	0
0	31.75	0	1704	1765	713	592	0
0	31.85	0	1709	1635	715	561	0

0	31.95	0	1724	1598	741	589	0
0	32.05	0	1505	1559	681	569	0
0	32.15	0	1508	1554	695	562	0
0	32.25	0	1465	1539	673	477	0
0	32.35	0	1449	1535	642	472	0
0	32.45	0	1398	1471	592	490	0
0	32.55	0	1427	1373	627	470	0
0	32.65	0	1386	1394	587	438	0
0	32.75	0	1372	1359	629	400	0
0	32.85	0	1305	1257	602	376	0
0	32.95	0	1287	1289	546	407	0
0	33.05	0	1322	1331	574	346	0
0	33.15	0	1235	1299	601	349	0
0	33.25	0	1200	1250	545	348	0
0	33.35	0	1227	1233	542	349	0
0	33.45	0	1227	1228	525	337	0
0	33.55	0	1140	1235	483	341	0
0	33.65	0	1282	1197	435	307	0
0	33.75	0	1168	1189	515	304	0
0	33.85	0	1203	1105	464	284	0
0	33.95	0	1109	1129	447	292	0
0	34.05	0	1154	1078	436	271	0
0	34.15	0	1008	1079	408	270	0
0	34.25	0	1154	1046	385	244	0
0	34.35	0	1028	1086	431	217	0
0	34.45	0	1013	1021	427	236	0
0	34.55	0	1126	1009	397	226	0
0	34.65	0	905	958	420	197	0
0	34.75	0	986	920	416	209	0
0	34.85	0	1008	950	372	195	0
0	34.95	0	958	904	427	147	0
0	35.05	0	874	866	358	128	0

0	35.15	0	874	870	342	114	0
0	35.25	0	906	879	333	103	0
0	35.35	0	936	884	341	104	0
0	35.45	0	832	813	261	91	0
0	35.55	0	853	790	281	99	0
0	35.65	0	868	773	306	89	0
0	35.75	0	721	746	294	90	0
0	35.85	0	804	810	268	94	0
0	35.95	0	815	752	267	65	0
0	36.05	0	770	772	264	71	0
0	36.15	0	824	763	250	60	0
0	36.25	0	735	745	224	57	0
0	36.35	0	678	712	265	55	0
0	36.45	0	694	691	241	51	0
0	36.55	0	720	634	215	49	0
0	36.65	0	641	658	193	56	0
0	36.75	0	748	635	205	56	0
0	36.85	0	614	645	206	41	0
0	36.95	0	597	637	154	45	0
0	37.05	0	654	583	169	44	0
0	37.15	0	630	586	178	43	0
0	37.25	0	627	587	159	59	0
0	37.35	0	632	601	159	56	0
0	37.45	0	630	507	133	43	0
0	37.55	0	641	493	134	51	0
0	37.65	0	608	607	141	42	0
0	37.75	0	556	494	144	47	0
0	37.85	0	576	561	147	28	0
0	37.95	0	581	509	126	47	0
0	38.05	0	533	472	132	40	0
0	38.15	0	514	476	112	40	0
0	38.25	0	487	461	110	37	0

0	38.35	0	494	460	106	40	0
0	38.45	0	466	442	110	35	0
0	38.55	0	463	403	126	30	0
0	38.65	0	452	430	109	34	0
0	38.75	0	536	436	119	26	0
0	38.85	0	551	391	103	23	0
0	38.95	0	487	369	99	27	0
0	39.05	0	433	417	94	29	0
0	39.15	0	466	383	78	23	0
0	39.25	0	378	356	73	14	0
0	39.35	0	453	394	95	9	0
0	39.45	0	405	376	84	23	0
0	39.55	0	402	316	78	11	0
0	39.65	0	412	305	89	15	0
0	39.75	0	386	346	71	17	0
0	39.85	0	328	308	44	14	0
0	39.95	0	360	333	82	11	0
0	40.05	0	391	331	56	11	0
0	40.15	0	355	327	42	13	0
0	40.25	0	343	346	65	13	0
0	40.35	0	394	292	66	13	0
0	40.45	0	295	283	44	17	0
0	40.55	0	352	303	53	7	0
0	40.65	0	301	256	51	10	0
0	40.75	0	379	293	55	16	0
0	40.85	0	293	266	63	9	0
0	40.95	0	317	275	51	14	0
0	41.05	0	309	251	53	12	0
0	41.15	0	346	275	40	9	0
0	41.25	0	347	280	45	13	0
0	41.35	0	287	246	37	13	0
0	41.45	0	288	239	27	9	0

0	41.55	0	312	279	33	6	0
0	41.65	0	303	227	42	13	0
0	41.75	0	287	212	35	10	0
0	41.85	0	269	213	30	4	0
0	41.95	0	284	258	45	7	0
0	42.05	0	248	207	33	0	0
0	42.15	0	246	207	34	8	0
0	42.25	0	226	206	38	6	0
0	42.35	0	275	226	55	2	0
0	42.45	0	267	203	33	2	0
0	42.55	0	233	210	33	8	0
0	42.65	0	245	216	38	1	0
0	42.75	0	232	185	29	4	0
0	42.85	0	249	210	31	1	0
0	42.95	0	245	185	32	1	0
0	43.05	0	221	195	29	1	0
0	43.15	0	250	155	30	2	0
0	43.25	0	252	189	27	6	0
0	43.35	0	213	169	24	0	0
0	43.45	0	213	167	23	2	0
0	43.55	0	203	149	27	4	0
0	43.65	0	220	172	20	0	0
0	43.75	0	216	163	21	0	0
0	43.85	0	181	156	19	0	0
0	43.95	0	187	162	20	0	0
0	44.05	0	212	127	23	0	0
0	44.15	0	200	120	20	0	0
0	44.25	0	192	150	21	0	0
0	44.35	0	115	110	15	0	0
0	44.45	0	164	149	17	0	0
0	44.55	0	174	162	23	0	0
0	44.65	0	156	130	15	0	0

0	44.75	0	194	128	13	0	0
0	44.85	0	152	117	18	0	0
0	44.95	0	161	118	11	0	0
0	45.05	0	137	110	22	0	0
0	45.15	0	167	130	22	0	0
0	45.25	0	144	127	11	0	0
0	45.35	0	153	93	12	0	0
0	45.45	0	139	115	19	0	0
0	45.55	0	179	155	10	0	0
0	45.65	0	150	98	12	0	0
0	45.75	0	124	127	18	0	0
0	45.85	0	168	102	15	0	0
0	45.95	0	150	95	15	0	0
0	46.05	0	139	102	18	0	0
0	46.15	0	119	77	5	0	0
0	46.25	0	125	77	12	0	0
0	46.35	0	128	95	17	0	0
0	46.45	0	122	90	12	0	0
0	46.55	0	134	93	12	0	0
0	46.65	0	103	74	7	0	0
0	46.75	0	142	85	13	0	0
0	46.85	0	77	55	13	0	0
0	46.95	0	124	95	13	0	0
0	47.05	0	114	85	13	0	0
0	47.15	0	129	91	4	0	0
0	47.25	0	93	76	6	0	0
0	47.35	0	91	66	5	0	0
0	47.45	0	106	76	4	0	0
0	47.55	0	106	73	11	0	0
0	47.65	0	78	51	10	0	0
0	47.75	0	73	63	8	0	0
0	47.85	0	94	62	11	0	0

0	47.95	0	74	73	11	0	0
0	48.05	0	87	52	8	0	0
0	48.15	0	58	42	7	0	0
0	48.25	0	53	64	14	0	0
0	48.35	0	95	66	13	0	0
0	48.45	0	67	44	8	0	0
0	48.55	0	106	75	9	0	0
0	48.65	0	86	51	8	0	0
0	48.75	0	91	46	8	0	0
0	48.85	0	61	46	1	0	0
0	48.95	0	76	47	10	0	0
0	49.05	0	65	43	5	0	0
0	49.15	0	53	42	10	0	0
0	49.25	0	79	34	14	0	0
0	49.35	0	58	55	8	0	0
0	49.45	0	76	47	3	0	0
0	49.55	0	60	49	4	0	0
0	49.65	0	57	46	11	0	0
0	49.75	0	63	42	9	0	0
0	49.85	0	59	42	5	0	0
0	49.95	0	47	42	11	0	0