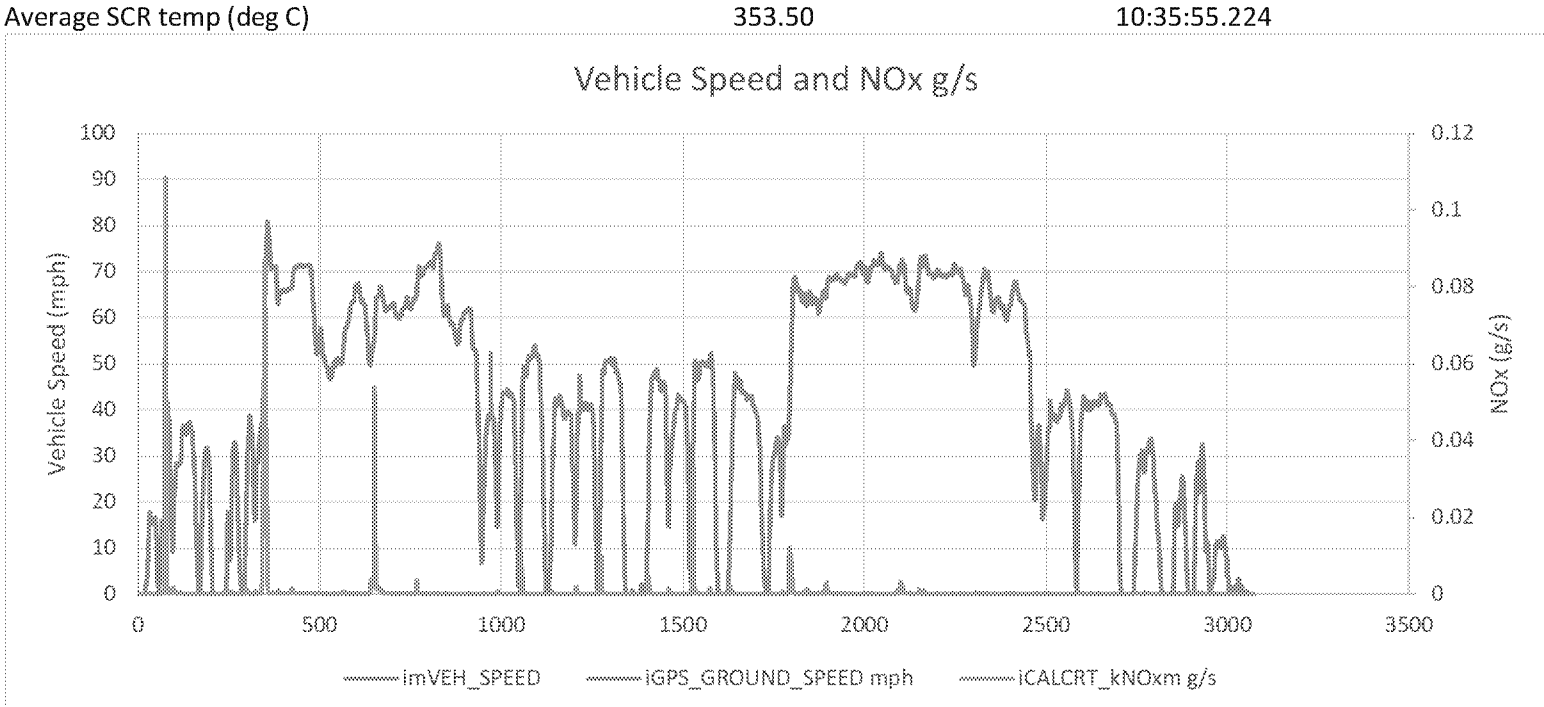
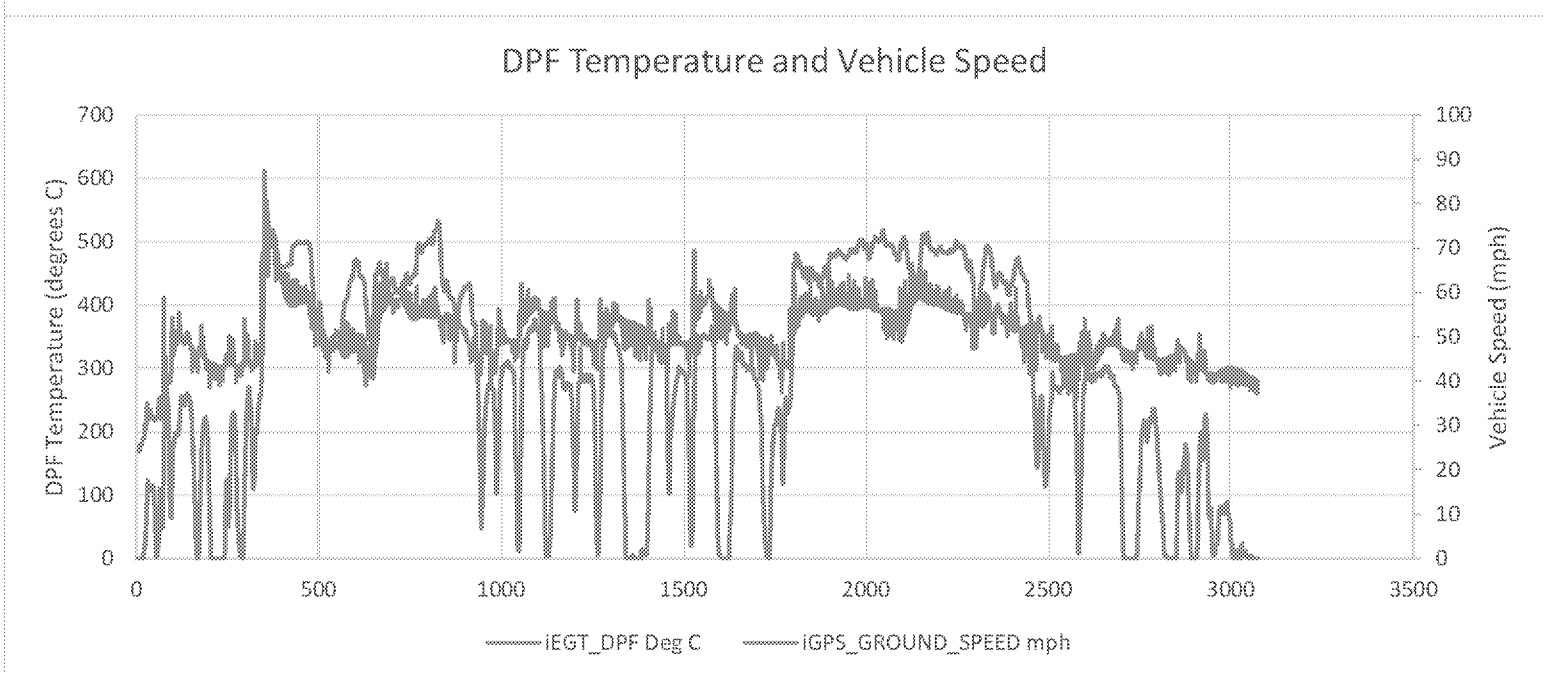
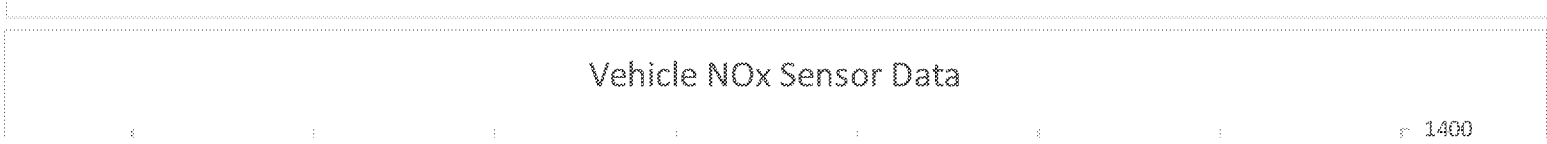
Test Duration (s)	3074
Calculated Test Duration (s)	3074
Average Ambient Temperature (deg C)	21.62
Calculated Average Ambient Temperature (deg C)	21.64
Total Distance Traveled (mi)	33.827
Calculated Total Distance Traveled (mi)	35.233
Total Fuel Consumed (gal)	1.271
Calculated Total Fuel Consumed (gal)	1.271
Overall Fuel Economy (mpg)	26.62
Calculated Overall Fuel Economy (mpg)	27.72
kNOx (g) (corrected NOx)	1.91
Calculated kNOx (g) (corrected NOx)	1.91
kNOx (g/mi) (corrected NOx)	0.056
Calculated kNOx (g/mi) (corrected NOx)	0.054
THC (g)	0.081
Calculated THC (g)	0.081
THC (g/mi)	0.002
Calculated THC (g/mi)	0.002
1st Measured ECT (deg F)	190.4
Test Start Time	10:35:34.224
Test Stop Time	11:26:47.224
Average Speed (mph)	41.26
Regeneration Event?	Yes
Average SCR temp (deg C)	353.50

sTIME	iCOOL_TEMP	iENG_LOAD	iENG_SPEED
hh:mm:ss.xxx	deg F	%	rpm
10:35:34.224			
10:35:35.224			
10:35:36.224			
10:35:37.224			
10:35:38.224			
10:35:39.224			
10:35:40.224		0	160
10:35:41.224		7	204
10:35:42.224		20.3	547
10:35:43.224		16.7	676
10:35:44.224		23	674
10:35:45.224		35.7	671
10:35:46.224		48.1	679
10:35:47.224		51.2	663
10:35:48.224		52	683
10:35:49.224		50.3	680
10:35:50.224		55.2	669
10:35:51.224		54.7	681
10:35:52.224		51.4	687
10:35:53.224		51.8	709
10:35:54.224		60.8	896
10:35:55.224		67.6	1174
		78.6	1378
		91.3	1657
		91.7	1769
		80.8	1835
		82.3	1870
		56.5	1536
		11	1045
		6.8	840
		12.2	805
		30.1	867
		54.6	1172
		77.3	1391
		74.8	1358
		35.6	1124
		37.2	1137
		46.9	1212
		49.4	1237
		49	1249
		42.9	1222
		26	1026
		20.5	856
		21.1	842
		23.3	813
		26.3	795
		26.7	832
		29.3	769
		44.6	738
		51.7	708
		48.6	691
		48.4	680
		50	677
		50.2	681
		65.6	735
		76.8	903
		54.8	982
		38.7	728
		66.7	1016
		99.3	1759
		84	2233







imVEH_SPEED	iMAF	iEGT_11	iEGT_DPF	iGPS_GROUND_SPEED	iWfgps	iCALCRT_kNOxm	iCALCRT_HCm	iSCB_LAT	ikNOxzw
	g/s	Deg C	Deg C	mph	gal/s	g/s	g/s	deg C	ppm
				0	0.000001	0	0	23	1.9
				0	0.000001	0	0	23	1.5
				0	0.000001	0	0	23	1.4
				0	0.000001	0	0	23	1.4
				0	0.000001	0	0	23	1.2
				0	0.000001	0	0	23	1.2
	4.58		170	0	0	0	0	23	1.1
	5.68209		170.014776	0	0.000035	0.00002	0	23	1.2
	17.51601		172.193548	0	0.000098	0.00003	0.00002	23	0.9
	11.76802	182.6	177.204304	0	0.000082	0.00003	0	23	1.3
	9.13611	181.019899	176.676518	0	0.000071	0.00003	0	23	1.6
	8.68499	179.342509	178.351327	0	0.000059	0.00002	0	23	1.5
	12.89573	177.665119	179.5	0	0.000052	0.00003	0	23	1.7
	8.21505	175.98773	180.797586	0	0.000048	0.00003	0	23	1.7
	8.84141	176.530769	181.595725	0	0.000045	0.00002	0.00001	23	1.6
	8.59743	178.616819	184.626761	0	0.000049	0.00002	0.00001	23	1.3
	9.45267	180.702868	186.312055	0	0.000056	0.00003	0.00001	23	1.9
	9.4024	182.788918	188.145936	0	0.000063	0.00003	0.00001	23	1.7
	8.8042	184.874967	187.955756	0.7	0.000068	0.00002	0	23	1.3
	9.85765	193.816816	191.036482	1.5	0.000087	0.00002	0.00001	23	1.1
	14.09722	202.841933	193.222997	2	0.000137	0.00003	0.00003	23	1.3
	19.87457	211.86705	195.726781	2.2	0.000205	0.00002	0.00002	23	0.7
	22.5381	220.892167	198.715409	2.2	0.000282	0.00004	0.0001	23	0.9
	27.67769	234.109443	212.489474	2.8	0.000391	0.00005	0.00005	23	1
	36.01741	257.590282	205.387872	4	0.000585	0.00009	0.00015	23	1.4
	43.96819	281.07112	209.468635	6	0.000768	0.00022	0.00013	23	2.8
	45.50375	304.551959	212.832013	8.3	0.000727	0.00032	0.00007	23	4.4
	26.62448	328.032797	226.384722	10.9	0.000442	0.00028	0.00002	23	6.1
	19.06037	328.574503	245.231579	13.7	0.000303	0.00023	0	23	6.8
	19.18113	311.598318	218.158539	16.2	0.000268	0.00024	0.00002	23	6.9
	18.02666	294.622132	218.4	17.6	0.000173	0.00019	0	23	6.9
	9.71362	277.645947	219.421875	17.5	0.000101	0.00014	0.00001	23	6.7
	17.50017	260.669762	234.850694	16.8	0.000108	0.00017	0	23	5.5
	27.49848	260.650652	219.695527	16.1	0.000142	0.00019	0	23	4.7
	16.14825	260.802826	221.014875	15.4	0.00013	0.00011	0	23	3.9
	11.41716	260.955	221.5	15.2	0.000129	0.00007	0	23	3
	12.64054	261.107174	222.060217	15.8	0.000159	0.00005	0.00001	23	2.2
	15.43819	259.654873	235.663072	16.2	0.000194	0.00006	0.00007	23	2.2
	15.47813	255.693008	225.27931	16.1	0.000187	0.00006	0.00018	23	2.3
	15.63293	251.731144	223.793506	15.9	0.000178	0.00006	0.00019	23	2
	15.08174	247.76928	222.8	16.1	0.000151	0.00005	0.00013	23	2.2
	10.63266	243.807415	226.033723	16.3	0.00012	0.00005	0.00007	23	2.3
	8.92451	238.490596	226.20525	16.5	0.0001	0.00004	0.00004	23	2.2
	8.57568	232.506412	222.8	16.6	0.000092	0.00003	0.00005	23	2.1
	8.73535	226.522227	222.8	16.6	0.000086	0.00003	0.00004	23	2
	8.85886	220.538042	222.474554	16	0.000082	0.00003	0.00005	23	2
	8.65475	214.553858	219.189136	15.2	0.000073	0.00003	0.00004	23	1.9
	8.92755	214.225952	222.159807	14.1	0.000067	0.00003	0.00003	23	2
	9.42974	213.949415	222.582383	13.9	0.000064	0.00003	0.00004	22.8	1.9
	9.57259	213.672878	222.1	11.4	0.000061	0.00003	0.00003	22	1.8
	8.88962	213.396341	222.1	7.9	0.000053	0.00003	0.00003	22	2.1
	8.71546	213.582273	218.546952	4.9	0.000052	0.00003	0.00001	22	1.9
	8.8	214.900455	222.19164	2.6	0.000055	0.00002	0.00004	22	1.6
	8.77486	216.218636	221.963636	1.4	0.000061	0.00002	0.00003	22	1.3
	9.54063	217.536818	222.1	0.8	0.000078	0.00002	0.00003	22	1.3
	18.08033	218.855	221.130444	0.4	0.000108	0.00003	0.00005	22	1.2
	8.60464	233.51087	222.040777	0.5	0.000105	0.00002	0.00001	22	1.1
	8.45053	249.815217	222.076285	1.2	0.000101	0.00003	0.00002	22	1.5
	16.87731	266.119565	221.742687	2.6	0.000256	0.00005	0	22	1.3
	47.07286	282.423913	222.1	3.9	0.00068	0.00014	0.00016	22	1.6
	83.39362	294.263579	252.398691	4	0.001124	0.00042	0.00021	22	3.5

iNOX_B1S1	iNOX_B1S2	sDPF_REGEN	Accum kNOx
ppm		0/1	g
			0
			0
			0
			0
			0
			0
		0	0
		0	0.00002
		0	0.00005
	-1	0	0.00008
	-1	0	0.00011
	-1	0	0.00013
	-1	0	0.00016
	-1	0	0.00019
	-1	0	0.00021
	-1	0	0.00023
	-1	0	0.00026
	-1	0	0.00029
	-1	0	0.00031
	-1	0	0.00033
	-1	0	0.00036
	-1	0	0.00038
	-1	0	0.00042
	-1	0	0.00047
	-1	0	0.00056
	-1	0	0.00078
	-1	0	0.0011
	-1	0	0.00138
	-1	0	0.00161
	-1	0	0.00185
	-1	0	0.00204
	-1	0	0.00218
	-1	0	0.00235
	-1	0	0.00254
	-1	0	0.00265
	-1	0	0.00272
	-1	0	0.00277
	-1	0	0.00283
	-1	0	0.00289
	-1	0	0.00295
	-1	0	0.003
	-1	0	0.00305
	-1	0	0.00309
	-1	0	0.00312
	-1	0	0.00315
	-1	0	0.00318
	-1	0	0.00321
	-1	0	0.00324
	-1	0	0.00327
	-1	0	0.0033
	-1	0	0.00333
	-1	0	0.00336
	-1	0	0.00338
	-1	0	0.0034
	-1	0	0.00342
	-1	0	0.00345
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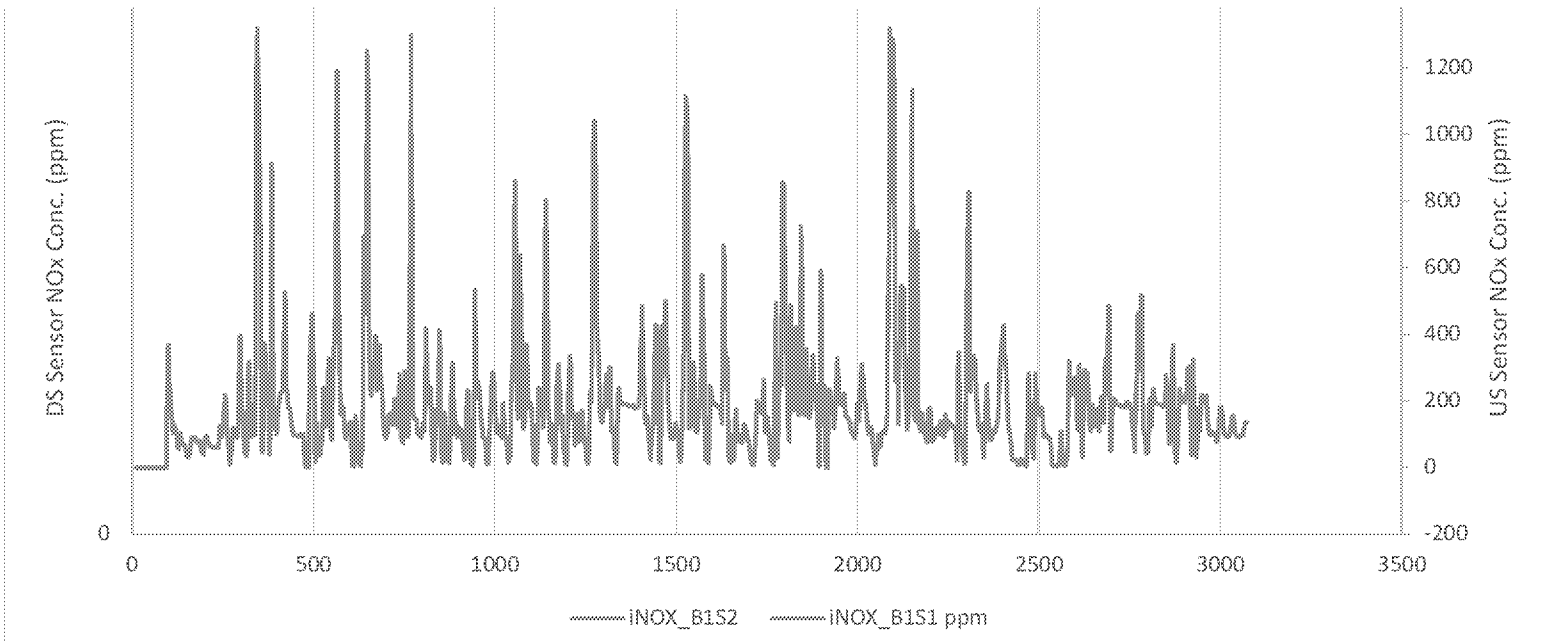
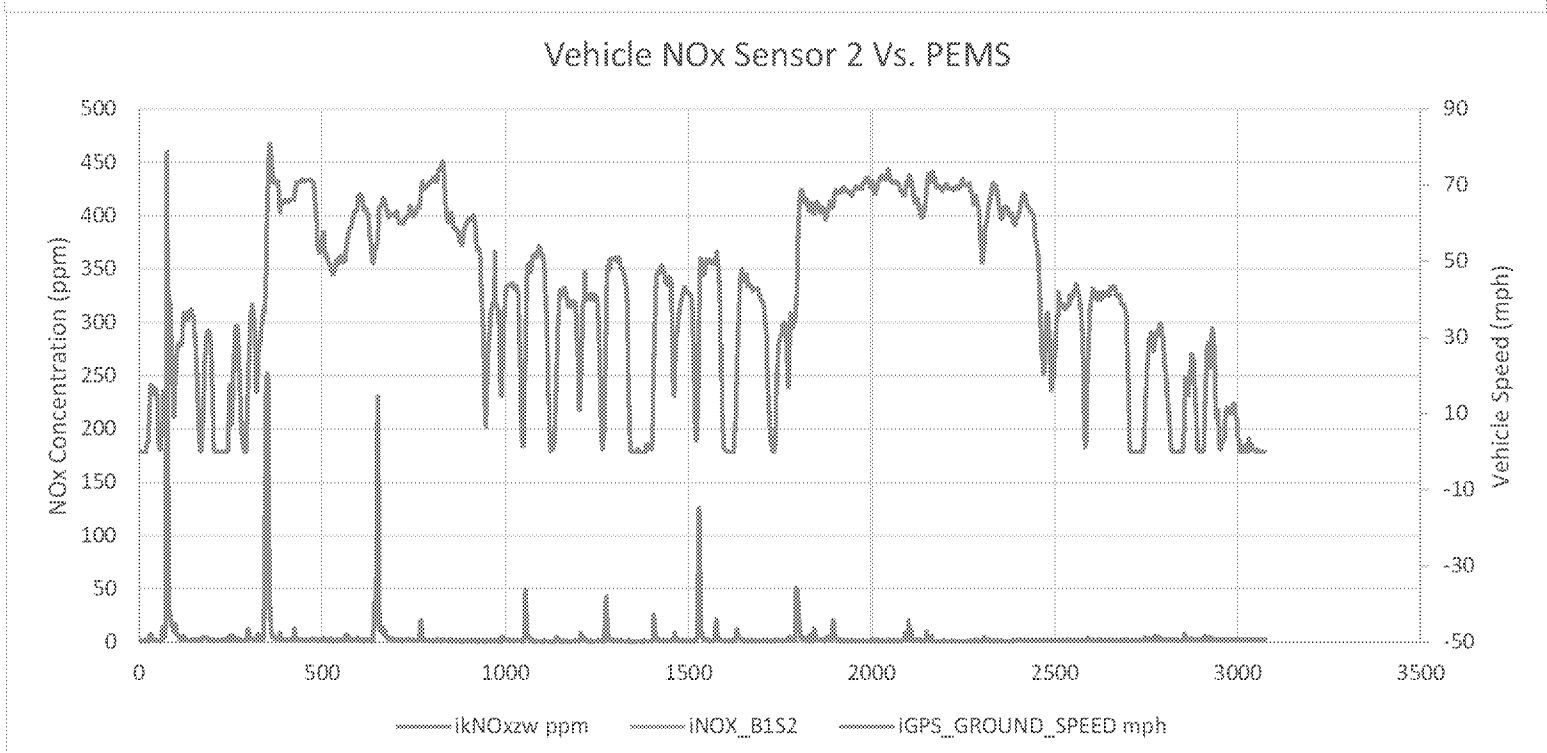
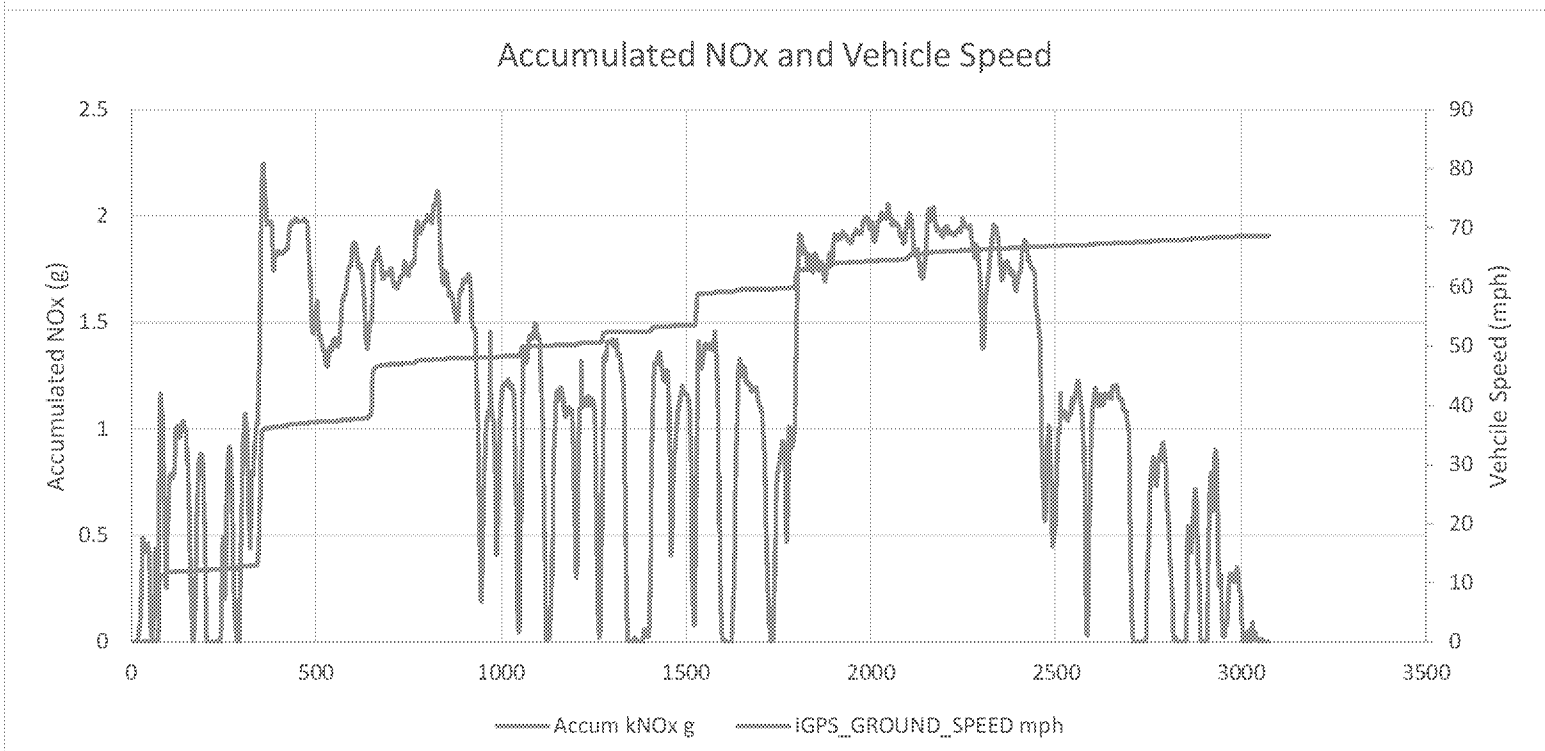
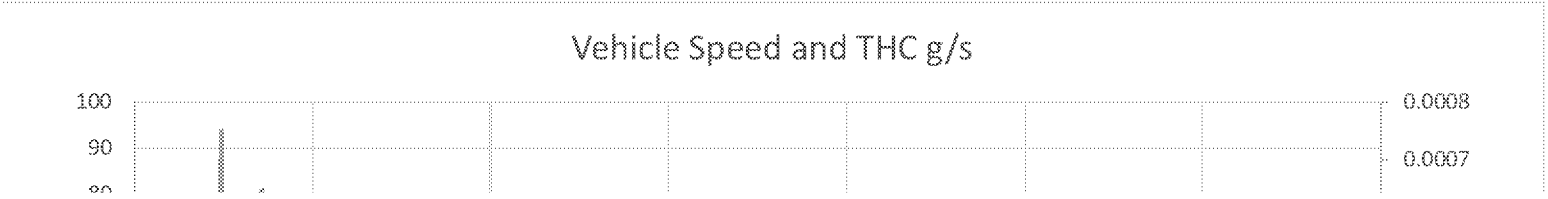
	-1	0	0.00355
	-1	0	0.00369
	-1	0	0.00411









47.5	1916
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21.8	1007
25.7	814
35.5	794
32.7	788
52.3	871
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99.4	1763
99.1	1977
97.8	2422
89.3	2873
99.6	3097
99.6	3276
66.7	3157
17.7	2631
0	2175
0	1631
0	1434
0	1224
0	1142
0	1150
0	1202
0	1247
0	1221
0	1201
0.8	1263
25.8	993
29.9	800
23.6	813
59.5	1051
99.4	1652
98.8	1953
74.3	2042
87.5	2036
75.9	1740
72.2	1734
75.2	1641
87.3	1417
88	1464
79.2	1512
52.9	1543
44.9	1543
45.6	1529
48.4	1514
58.7	1504
71.8	1511
70.6	1529
61.6	1537
35.4	1533
54.8	1519
81.2	1559
84.3	1608
87.3	1671
86.3	1745
84.6	1821
77.8	1883
63.3	1637
58	1554
57	1377
57	1382
34	1382
1.5	1372

42.83031	295.172473	223.4	5	0.000555	0.00054	0.00007	22	9.2
15.61118	296.081368	223.4	8.5	0.000247	0.00039	0.00002	22	13.4
14.42574	296.990262	223.4	13.4	0.00017	0.00032	0	22	13.9
9.63886	297.899156	231.03748	15.8	0.000114	0.00024	0.00002	22	12.5
9.18265	301.581789	235.066234	15.5	0.000081	0.00018	0	22	10.7
8.37382	306.636781	221.622067	14.7	0.000062	0.00012	0.00001	22	8.4
10.72958	311.691772	221.396579	13.1	0.000068	0.00012	0	22	6.6
34.4638	316.746764	221.161882	10.6	0.000207	0.00023	0	22	5.2
45.8775	321.801755	256.556649	7.7	0.000505	0.00027	0	22	4.1
59.66667	384.880542	221.572776	6.7	0.000921	0.00038	0	22	4.1
119.7911	451.597377	222.407188	8.5	0.001604	0.00268	0.00018	22	17.7
165.28182	518.314212	226.152349	11.6	0.001944	0.02126	0	22	114.6
184.6461	585.031047	235.897294	14.8	0.002078	0.04828	0	22	254.6
204.66061	619.74972	410.544366	18.9	0.001946	0.07617	0	22	402.9
157.23921	576.128065	269.067516	25.2	0.001893	0.10838	0	22	459.8
73.91266	532.506409	279.036021	32	0.000496	0.03273	0	22	357.9
36.82307	488.884754	280.882575	38.3	0.000186	0.01158	0	22	203.1
17.38349	445.263099	284.115673	41.7	0.000062	0.00346	0.00002	22	107.6
11.43931	412.856573	319.197242	41.9	0.00003	0.00132	0	22	61.4
8.55443	393.147774	279.89871	40.7	0.00002	0.00064	0.00001	22	37.6
8.32031	373.438974	279.07977	39.7	0.000016	0.00044	0	22	28.9
7.74972	353.730175	278.795304	38.6	0.000014	0.00036	0	22	26
8.13831	334.021376	285.711111	37.7	0.000013	0.00034	0.00001	22	24.6
9.49957	320.458065	281.945659	36.3	0.000013	0.00035	0	22	23
9.53683	309.167742	277.6	34.2	0.000013	0.00034	0.00001	22	21.4
9.42687	297.877419	277.295709	31.7	0.000013	0.00032	0	22	19.9
10.00501	286.587097	277.494164	28.5	0.000013	0.0003	0.00001	22	18.3
9.27404	283.060124	278.797089	25.2	0.000011	0.00025	0	22	16.9
9.35171	291.675826	278.627263	21.8	0.000011	0.00022	0	22	15
8.86	300.291529	278.485294	18	0.000012	0.00022	0	22	14
15.5317	308.907231	277.180579	14.5	0.000032	0.00042	0	22	13.3
41.3465	317.522934	283.883059	11.4	0.000274	0.00073	0.00001	22	11.6
62.12538	338.853104	291.207831	9.5	0.000818	0.00107	0	21.8	10.5
63.58488	370.586021	292.790306	9.2	0.001123	0.00148	0.00013	21	12.9
68.03665	402.318937	300.075	11.2	0.001124	0.0018	0.00007	21	16.3
51.60464	434.051854	307.704706	14.4	0.000924	0.0016	0.00004	21	17.4
37.69787	463.225864	379.146575	17.6	0.000618	0.00111	0.00002	21	16.8
26.2594	459.418425	317.00882	20.8	0.000461	0.00079	0	21	15.3
28.82313	455.610985	319.787228	23.3	0.000426	0.00059	0.00002	21	12.2
35.28453	451.803545	321.941282	24.9	0.000504	0.0005	0	21	9.2
34.06341	447.996105	325.068051	25.7	0.000571	0.00043	0.00005	21	7.5
23.76299	437.57708	361.103771	26.4	0.000462	0.00029	0	21	6.3
19.82479	420.599151	329.708255	27.2	0.000356	0.00023	0.00001	21	6
16.4468	403.621222	330.864126	28	0.000281	0.00019	0.00003	21	5.8
18.07422	386.643294	331.781168	28.4	0.000232	0.00018	0.00003	21	5.6
19.22334	369.665365	340.77337	28.3	0.000218	0.00017	0.00006	21	5.2
22.28832	362.774212	337.7875	28.1	0.000246	0.00017	0.00006	21	4.4
23.28342	358.564354	336.026049	27.8	0.000267	0.00016	0.00012	21	4.3
19.40685	354.354495	338.075416	27.7	0.000289	0.00013	0.00012	21	3.5
15.14958	350.144637	339.370588	27.9	0.00028	0.0001	0.00013	21	2.9
29.50312	347.437383	342.771605	28.2	0.000371	0.00014	0.00017	21	2.9
30.52378	367.078376	341.990852	28.3	0.000366	0.00015	0.00013	21	3.2
33.95481	386.71937	343.663248	28.1	0.000466	0.00016	0.00015	21	2.9
41.16098	406.360363	346.123393	28.3	0.000695	0.00026	0.00005	21	3.6
46.82595	426.001357	348.708726	28.9	0.000796	0.00035	0.00007	21	4.5
45.41251	438.655349	388.126483	29.8	0.000832	0.00045	0.00004	21	5.7
42.14592	432.608837	351.040904	31	0.00077	0.00045	0.00002	21	6
27.67477	426.562326	352.067756	32.4	0.000476	0.00029	0.00002	21	5.9
16.8596	420.515814	352.2	33.9	0.000332	0.0002	0.00001	21	5.4
16.68049	414.469302	365.817918	35.1	0.000275	0.00015	0.00004	21	4.7
16.36794	398.886441	355.671386	35.9	0.000227	0.00012	0.00004	21	4.1
14.81989	380.242373	351.277279	36.3	0.000203	0.0001	0.00008	21	3.8
12.0448	361.598305	350.6	36.4	0.000168	0.00007	0.00006	21	3.2

-1	0	0.00465
-1	0	0.00504
-1	0	0.00536
-1	0	0.0056
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146.694251	0	0.32845
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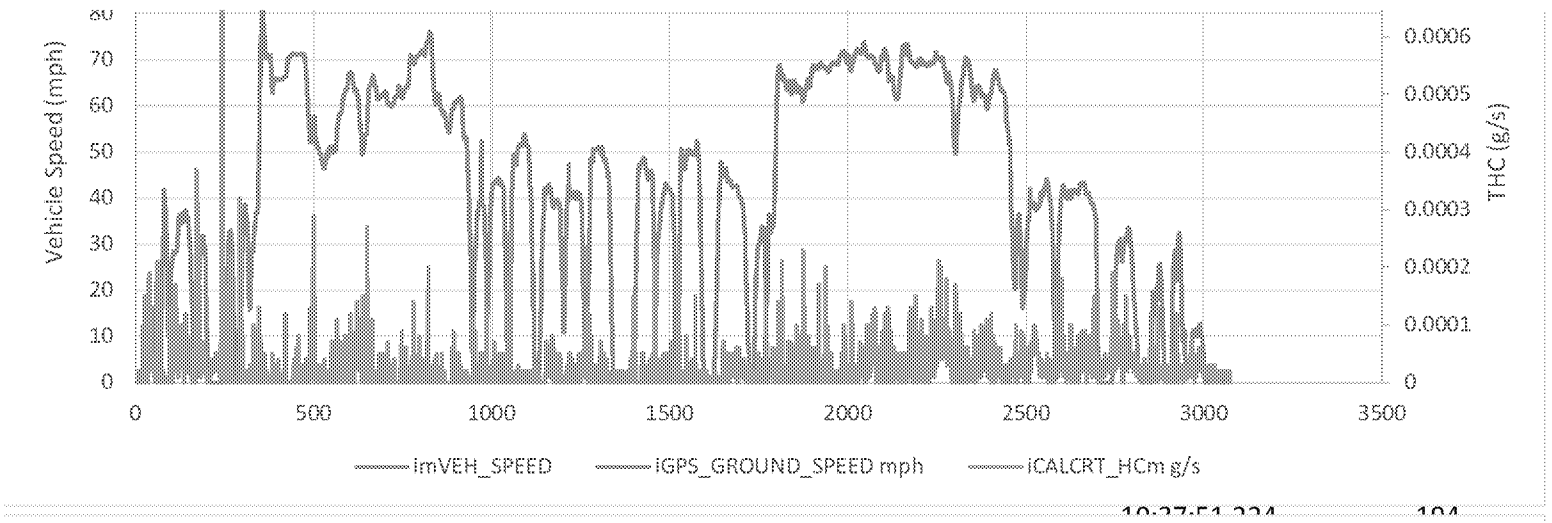

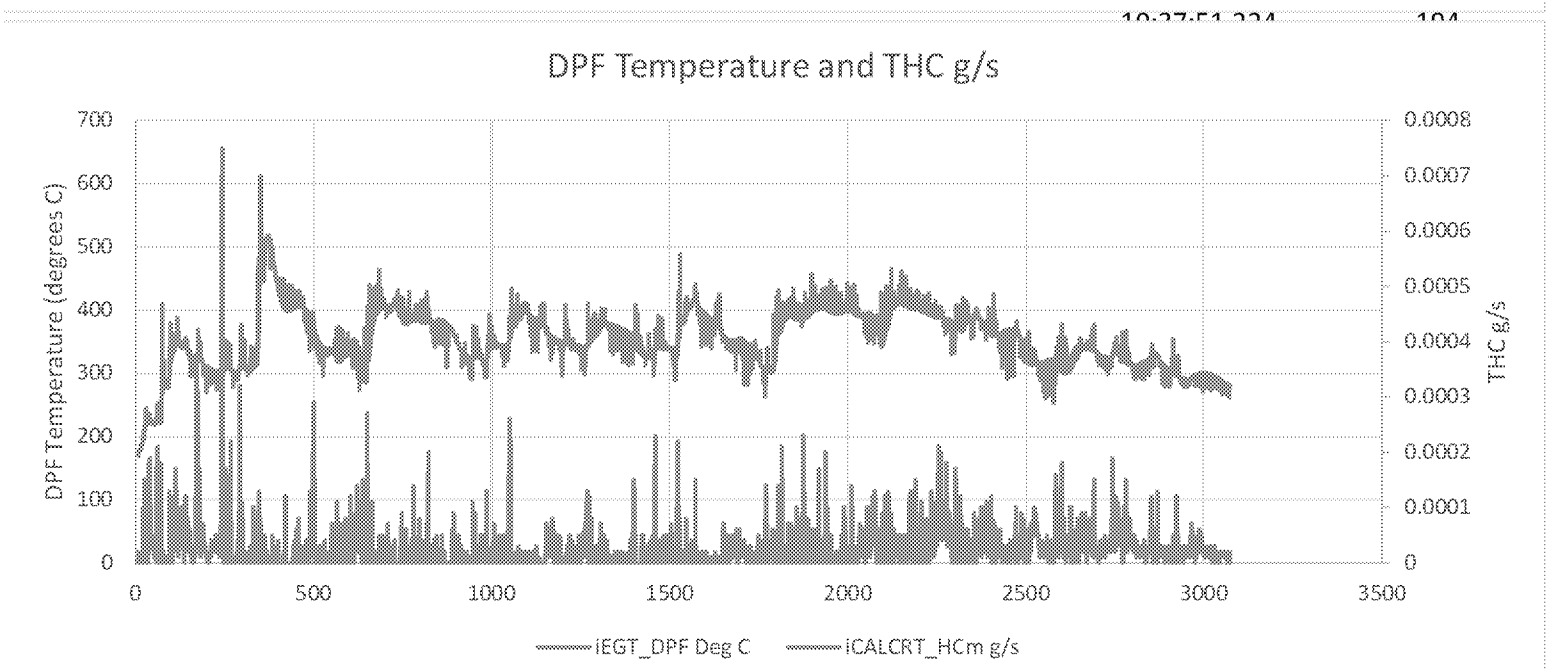

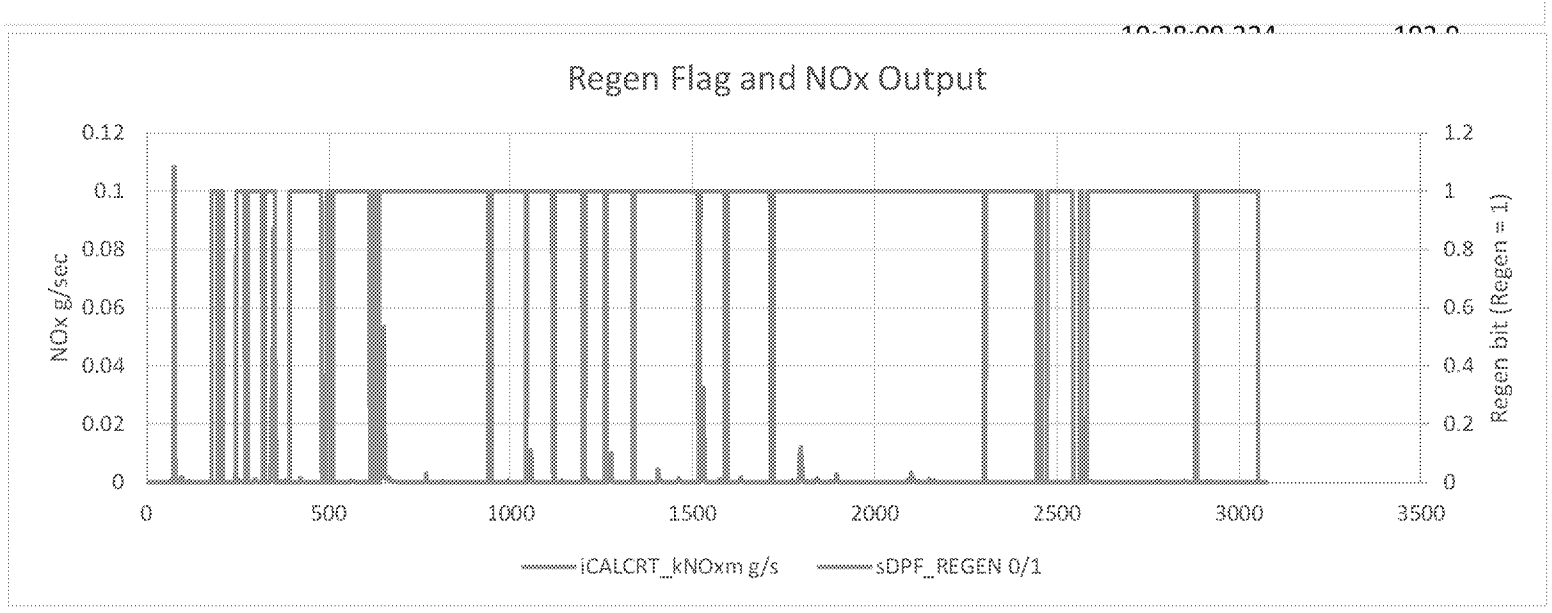

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24.88015	339.295762	344.723005	35.7	0.00034	0.00007	0.00006	21	1.7
24.85092	346.705881	345.105202	36.1	0.000373	0.00008	0	21	2
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23.12876	374.400689	356.982337	37.3	0.000389	0.0001	0.00012	21	2.4
24.3699	378.357124	342.5	37.2	0.00038	0.00009	0.00007	21	2.3
24.15083	382.313559	342.187059	37	0.000403	0.0001	0.00009	21	2.4
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21.43304	390.226428	343.423824	36.3	0.000394	0.0001	0.00008	21	2.3
18.90599	382.819503	349.619851	36	0.000347	0.00009	0.00002	21	2.5
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9.84486	239.074467	305.333696	28.5	0.000034	0.00003	0.00003	21	1.9
9.72824	234.933	296.766377	26.8	0.000027	0.00003	0.00002	21	1.7
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8.6681	246.535657	302.949806	0.2	0.000053	0.00002	0	21	1.7
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8.60209	249.356664	290.654417	0	0.000084	0.00002	0.00003	21	1.6
8.55883	248.926741	304.362648	0	0.000084	0.00002	0.00002	21	1.6
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8.49014	248.066896	303.9	0	0.000083	0.00003	0.00003	21	2.1
8.52	247.636973	286.746757	0	0.000083	0.00003	0.00004	21	1.8
8.58	247.369095	302.269492	0	0.000083	0.00003	0.00003	21	2.1
8.65477	247.116463	303.323476	0	0.000088	0.00003	0.00005	21	1.9
8.83703	246.863832	303.572855	0	0.000088	0.00003	0.00004	21	1.8
8.60791	246.6112	303.2	0	0.000086	0.00003	0.00004	21	2.2
8.58318	246.4	275.008824	0	0.000086	0.00003	0.00005	21	1.9
8.63	246.4	302.955376	0	0.000085	0.00003	0.00002	21	1.9
8.56039	246.4	302.5	0	0.000085	0.00003	0.00003	21	2.2
8.60016	246.4	302.476972	0	0.000085	0.00004	0.00002	21	2.4
8.32071	246.4	297.777778	0	0.000083	0.00003	0.00003	21	2.2
8.03063	246.145717	292.901325	0	0.00008	0.00003	0.00003	21	2.1
8.29737	245.738865	302.440143	0	0.000082	0.00003	0.00002	21	2
8.41	245.332013	301.6	0	0.000083	0.00003	0.00002	21	2
8.48685	244.925161	301.6	0	0.000084	0.00003	0.00001	21	1.8
8.5966	244.518308	281.123566	0.2	0.000086	0.00003	0.00003	21	2
8.58	257.282962	301.6	0.3	0.000087	0.00003	0.00001	21	2.2
11.957	270.668263	301.413062	0.3	0.000107	0.00003	0.00003	21	1.8
25.65092	284.053563	300.9	0.2	0.000254	0.00008	0.00006	21	2
42.38781	297.438864	301.681806	0	0.00049	0.00012	0.00009	21	1.8
63.10731	311.350964	304.209132	0.5	0.001143	0.00021	0.00044	21	1.8
76.06386	325.869165	306.064331	2.5	0.001311	0.00038	0.00075	21	3
46.82729	340.387366	307.528481	6.6	0.000785	0.00042	0.00037	21	5.2
32.57266	354.905567	309	10.9	0.000207	0.00013	0.00003	21	5.6
9.08217	369.423769	322.536419	15.2	0.000163	0.0001	0.00002	21	5
10.08748	361.097631	314.203117	17.6	0.000139	0.00009	0.00001	21	4.7
9.30293	346.880814	307.569263	17.8	0.000104	0.00007	0	21	4.2
8.45486	332.663997	307.297558	16.2	0.000078	0.00005	0.00001	21.2	3.4
11.63721	318.44718	306.8	13.3	0.000086	0.00006	0	22	3.1

72.841924	1	0.33754
65.509597	1	0.33758
58.17727	1	0.33763
50.844943	1	0.33767
46.694539	1	0.33771
44.561433	1	0.33775
42.428328	1	0.33778
40.295222	0	0.33781
38.162116	0	0.33784
47.66	0	0.33787
58.114545	0	0.3379
68.569091	0	0.33793
79.023636	0	0.33796
85.292667	0	0.33798
87.759587	0	0.338
90.226508	0	0.33802
92.693429	1	0.33805
94.698947	1	0.33807
90.067368	1	0.33809
85.435789	1	0.33812
80.804211	1	0.33814
76.172632	1	0.33816
72.402655	0	0.33818
70.506321	0	0.33821
68.609987	0	0.33824
66.713654	0	0.33827
64.81732	0	0.3383
63.640934	0	0.33833
63.009886	0	0.33836
62.378839	0	0.33839
61.747791	0	0.33841
61.116744	0	0.33843
60.824353	0	0.33845
60.608836	0	0.33848
60.393319	0	0.33851
60.177802	0	0.33854
60	0	0.33857
60	0	0.3386
60	0	0.33863
60	0	0.33866
60	0	0.33869
60.117841	0	0.33872
60.338106	0	0.33875
60.55837	0	0.33879
60.778634	0	0.33882
60.998899	0	0.33885
60.573876	0	0.33888
60.14561	0	0.33891
59.717345	0	0.33894
59.289079	0	0.33897
63.911111	0	0.339
79.022222	0	0.33903
94.133333	0	0.33911
109.244444	0	0.33923
124.355556	0	0.33944
120.760504	0	0.33982
113.197479	0	0.34024
105.634454	0	0.34037
98.071429	1	0.34047
91.821199	1	0.34056
104.455032	1	0.34063
117.088865	1	0.34068
129.722698	1	0.34074

10:39:44.224		70.7	1418
10:39:45.224		95.4	1861
10:39:46.224		85.6	2239
10:39:47.224		73.9	2015
10:39:48.224		74.3	1586
10:39:49.224		91.4	1759
10:39:50.224	195.8	88.9	1915
10:39:51.224	195.8	83.3	2074
10:39:52.224	195.8	67.1	1987
10:39:53.224	195.8	58.6	1740
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10:39:55.224	195.8	70.9	1502
10:39:56.224	195.8	57	1512
10:39:57.224	195.8	51.3	1513
10:39:58.224	195.8	37.8	1495
10:39:59.224	195.8	11.5	1466
10:40:00.224	195.8	0	1435
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10:40:04.224	195.8	0	1227
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10:40:06.224	195.8	10.6	823
10:40:07.224	195.8	11.4	793
10:40:08.224	195.8	17.3	804
10:40:09.224	195.8	30.1	771
10:40:10.224		47.9	715
10:40:11.224		49.6	695
10:40:12.224		49.1	683
10:40:13.224		48.3	680
10:40:14.224		47.4	679
10:40:15.224		46.9	680
10:40:16.224		46.4	679
10:40:17.224		45	681
10:40:18.224	194.7	43.1	681
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10:40:20.224	194.5	39	681
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10:40:22.224	194.2	47.8	723
10:40:23.224	194.1	89	1203
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10:40:25.224	193.8	81	1870
10:40:26.224	193.7	75.1	2096
10:40:27.224	193.6	74.9	2215
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10:40:29.224	193.3	85.2	1677
10:40:30.224	193.2	83.1	1892
10:40:31.224	193	64.1	2038
10:40:32.224	192.9	81.2	1743
10:40:33.224	192.8	92.5	1785
10:40:34.224	192.6	78.6	1888
10:40:35.224	192.5	57.1	1733
10:40:36.224	192.4	77.6	1699
10:40:37.224	192.3	78.6	1745
10:40:38.224		37.3	1634
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10:40:43.224		0	1318
10:40:44.224		0	1280
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10:40:46.224	191.6	0	1328

30.17918	305.485288	305.928462	10.4	0.000265	0.00014	0.00003	21.8	2.7
60.00447	339.534839	307.651995	8.3	0.000793	0.00029	0.00003	21.1	2.8
87.01602	373.584389	308.546424	7.3	0.001428	0.00057	0.00017	21.8	4
75.33552	407.63394	309.662555	8.6	0.001122	0.00065	0.00009	21.2	5.6
44.76241	441.68349	313.496033	12	0.000804	0.00054	0	22	6.5
52.63315	460.522544	351.627576	16.4	0.000947	0.00056	0	22	6.1
60.52231	461.861347	309.264348	20.1	0.001103	0.00051	0	22	5.1
61.95804	463.200151	308.975416	23.1	0.00114	0.00049	0.00016	22	4.6
47.03963	464.538955	308.407471	25.5	0.000831	0.00037	0.00006	22	4.2
27.07349	465.877759	346.838449	27.8	0.000443	0.00023	0.00005	22	4.1
26.01822	454.245821	317.863151	29.9	0.000372	0.00019	0	22	3.9
24.22957	440.032178	307.5	31.3	0.000333	0.00015	0.00005	22	3.7
19.17767	425.818535	307.123235	32.1	0.000304	0.0001	0.00009	22	2.6
17.78377	411.604891	306.8	32.5	0.00028	0.00008	0.00007	22	2.3
16.28858	395.038867	345.471088	32.9	0.000249	0.00007	0.00009	22	2.3
27.80547	372.271112	305.720873	33	0.000297	0.00008	0.00011	22	1.8
38.62037	349.503357	305.3	32.9	0.000258	0.00016	0.00022	22	2.4
38.14014	326.735602	305.3	32.6	0.000121	0.00016	0.00012	22	2.7
38.82038	303.967847	304.02337	32	0.000059	0.0002	0.00002	22	3.1
35.67128	291.992541	305.202857	30.8	0.000034	0.00017	0	22	2.9
33.64013	281.26993	305.275455	28.6	0.000025	0.00016	0	22	2.8
29.76477	270.547319	304.6	25.5	0.000022	0.00011	0	22	2.1
19.36242	259.824709	304.6	22.2	0.000015	0.00007	0	22	2
18.29345	251.12673	278.47	18.9	0.000017	0.00006	0	22	1.9
15.38605	251.842721	304.343587	16.2	0.000016	0.00004	0	22	2.1
9.47818	252.558711	304.277132	13.6	0.000016	0.00003	0	22	2
9.07315	253.274702	304.019226	11.1	0.000019	0.00003	0	22	1.8
9.4375	253.990692	298.611438	9	0.00002	0.00003	0	22	2.2
9.27	255.652088	293.362555	7	0.000024	0.00003	0.00001	22	2.2
9.02237	258.032525	302.653548	5.1	0.000031	0.00003	0	22	1.9
8.89491	260.412963	302.5	3.8	0.00004	0.00003	0.00001	22	1.9
8.98223	262.7934	302.5	2.6	0.00005	0.00003	0	22	1.8
9.32118	265.173837	289.352603	1.7	0.00006	0.00002	0	22	1.7
9.33422	265.713176	302.197372	1	0.000069	0.00002	0.00001	22	1.5
9.49349	266.149476	302.206522	0.7	0.000076	0.00003	0.00001	22	2
9.7902	266.585777	301.6	0.6	0.000084	0.00003	0.00002	22	1.7
10.36595	267.022077	301.6	0.4	0.000092	0.00004	0.00001	22	2.1
10.62153	272.285506	289.602577	0.1	0.000099	0.00004	0.00004	22	2.1
12.01651	286.019684	301.6	0	0.000113	0.00004	0.00003	22	1.9
25.75483	299.753861	302.41423	0	0.000192	0.00007	0.00006	22	2
28.85284	313.488038	302.706237	0.2	0.000346	0.00011	0.00009	22	2.1
47.40568	327.222215	307.984054	0.8	0.00068	0.00018	0.00003	22	2.1
73.34989	350.092747	309.726061	3.1	0.001118	0.00033	0.00032	22	2.7
84.59538	378.492019	307.713953	6.3	0.001287	0.00058	0.00005	22	4.2
63.029	406.891291	310.204923	9.5	0.000975	0.00071	0.00003	22	6.6
62.05554	435.290564	311.603583	13.5	0.001023	0.00105	0	22	10
70.02918	458.741422	377.965202	17.5	0.001185	0.00138	0	22	11.7
63.64552	465.14774	312.6	21.2	0.000943	0.00108	0.00003	22	10.6
50.66331	471.554059	312.6	24.6	0.000747	0.00068	0	22	8.4
58.43838	477.960377	312.6	27.6	0.00096	0.00062	0.00011	22	6.4
58.18496	484.366696	340.489195	29.8	0.001039	0.00052	0	22	5.1
44.2805	477.827155	334.595089	31.5	0.000747	0.0004	0.00008	22	4.9
41.37099	464.824388	311.283582	33.3	0.000643	0.00032	0.00001	22	4.5
41.45486	451.821622	310.415211	35.1	0.000643	0.00028	0	22	3.9
30.23662	438.818855	310.113707	36.3	0.000503	0.00019	0	22	3.4
20.70569	425.816089	352.388934	37.3	0.00028	0.00011	0	22	3
13.64701	403.671489	309	38.2	0.000163	0.00009	0.00001	22	3.3
11.16842	381.224681	308.883159	38.6	0.000091	0.00007	0.00001	22	3.3
10.32802	358.777872	307.806192	38	0.000062	0.00006	0.00002	22	3.4
10.7092	336.331064	307.5	37.1	0.000045	0.00006	0	22	3.1
10.35692	317.124467	312.209191	36.2	0.000033	0.00005	0	22	2.8
9.97955	306.768003	306.1	35.4	0.000027	0.00005	0	22	2.8
10.37643	296.411538	306.1	34.6	0.000023	0.00004	0	22	2.2

142.356531	1	0.34088
155.975663	1	0.34117
171.103925	1	0.34174
186.232186	1	0.34239
201.360447	1	0.34293
216.488709	1	0.34349
202.954757	1	0.344
183.715856	1	0.34449
164.476956	1	0.34486
145.238055	1	0.34509
126.389948	1	0.34528
110.908683	1	0.34543
95.427418	1	0.34553
79.946152	1	0.34561
64.464887	1	0.34568
51.201339	1	0.34576
39.147768	1	0.34592
27.094196	1	0.34608
15.040625	1	0.34628
7.488769	1	0.34645
22.391577	0	0.34661
37.294384	0	0.34672
52.197192	0	0.34679
67.1	0	0.34685
79.590111	0	0.34689
90	0	0.34692
100.409889	0	0.34695
110.819779	0	0.34698
121.229668	1	0.34701
116.909937	1	0.34704
111.413108	1	0.34707
105.916279	1	0.3471
100.41945	1	0.34712
95.693134	1	0.34714
94.127488	1	0.34717
92.561843	1	0.3472
90.996198	1	0.34724
89.430552	1	0.34728
98.0625	1	0.34732
110.5625	1	0.34739
123.0625	1	0.3475
135.5625	1	0.34768
148.3067	1	0.34801
209.646673	1	0.34859
270.986646	1	0.3493
332.326618	1	0.35035
393.666591	1	0.35173
388.484755	1	0.35281
336.499671	1	0.35349
284.514587	1	0.35411
232.529502	1	0.35463
181.515934	1	0.35503
164.227869	1	0.35535
146.939804	1	0.35563
129.651739	1	0.35582
112.363674	1	0.35593
95.983224	1	0.35602
82.693464	1	0.35609
69.403704	1	0.35615
56.113943	1	0.35621
42.824183	1	0.35626
37.462447	1	0.35631
36.618565	1	0.35635

10:40:47.224	191.6	0	1284
10:40:48.224	191.5	0	1277
10:40:49.224	191.5	0	1293
10:40:50.224	191.4	0.7	1123
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10:40:57.224	190.9	22.7	2017
10:40:58.224	190.9	5.5	1592
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10:41:13.224	193.5	99.6	1754
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10:41:16.224	194.7	99.6	2672
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10:41:18.224	195.5	99.6	3165
10:41:19.224	195.9	99.6	3391
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10:41:22.224	197.1	99.6	3210
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10:41:24.224	197.9	96.4	2804
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10:41:29.224	199.9	1.4	2044
10:41:30.224	200.3	0.2	2012
10:41:31.224	200.7	1	1980
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10:41:34.224		15.7	1893
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10:41:41.224	198.3	77.8	1841
10:41:42.224	198	79.9	1841
10:41:43.224	197.7	81.8	1838
10:41:44.224	197.3	83.8	1836
10:41:45.224	197	78.9	1837
10:41:46.224	196.7	75.9	1838
10:41:47.224	196.4	77.5	1835
10:41:48.224	196	80	1836
10:41:49.224	195.7	73.7	1832

10.13574	286.055073	305.265414	33.4	0.00002	0.00004	0	21.8	2.2
10.06068	275.698608	302.001738	31.2	0.000018	0.00004	0	21.2	2.4
9.89925	273.891372	296.794282	28.8	0.000016	0.00004	0.00001	22	2.7
8.82686	279.757354	304.027804	25.7	0.000013	0.00004	0	22	2.6
11.16686	285.623335	303.2	22	0.000017	0.00005	0	21.8	2.6
23.66879	291.489317	303.2	18.6	0.000061	0.00012	0.00001	21.2	2.7
45.78317	297.355299	301.943122	16.4	0.000326	0.00014	0	21.8	2.1
54.52519	314.380601	303.9	15.8	0.000793	0.00019	0.00003	21	2
71.60742	333.283171	304.057746	16.4	0.00123	0.00046	0	21	3.6
66.20589	352.185742	305.678428	18.5	0.00104	0.0007	0	21	6
29.64566	371.088313	306.579792	21.6	0.000411	0.00041	0	21	7.1
20.45548	384.186667	342.492764	25.4	0.00018	0.00024	0	21	6.3
19.78763	377.52	307.139945	28.4	0.000111	0.00021	0.00001	21	5.5
23.7315	370.853333	306.219666	29	0.000114	0.00019	0	21	4.2
31.60382	364.186667	306.8	28.6	0.000209	0.00017	0.00002	21	3.3
31.49308	357.52	318.678691	28.3	0.00034	0.00013	0	21	2.5
37.85817	359.838125	311.685742	28.6	0.000521	0.00013	0.0001	21	1.9
45.17205	364.587967	308.218605	29.7	0.000615	0.00011	0.00001	21	1.6
34.19254	369.337809	309	30.9	0.0005	0.0001	0	21	1.8
24.92861	374.08765	309.440047	32.1	0.000388	0.00012	0.00002	21	2.5
19.46821	378.721628	339.138115	33.3	0.000321	0.00011	0.00002	21	2.6
37.3165	381.154191	310.5	34.2	0.00045	0.00014	0.00008	21	2.6
38.98418	383.586753	310.983988	34.9	0.000623	0.00017	0.00002	21	2.6
27.35173	386.019316	312.00984	35.3	0.000493	0.00012	0.00006	21	2.5
23.59433	388.451879	334.359844	36	0.000382	0.00014	0.00001	21	2.9
44.80586	432.386486	314.727633	37.1	0.000572	0.00023	0	21	3.3
75.15965	481.035135	313.348508	37.2	0.001275	0.00054	0	21	4.1
116.37939	529.683784	316.438931	36.7	0.001984	0.00319	0	21	17.5
150.54479	578.332432	320.821596	36.8	0.002054	0.01172	0	21	63.7
171.37988	625.400115	466.82	38.4	0.002049	0.02119	0	21	115.8
190.34568	661.401038	337.834176	41.3	0.002045	0.03015	0.00006	21	165
208.66387	697.40196	352.50608	45.5	0.00201	0.03669	0	21	201.1
219.04496	733.402883	372.151846	46.4	0.002454	0.05052	0.00013	21	224.2
222.47085	769.403805	483.008114	46.4	0.003847	0.08684	0.00002	21	240.1
212.71296	772.338662	449.799472	57.8	0.00344	0.08287	0	21	249.2
194.48495	766.430756	436.72425	63.4	0.003157	0.07649	0.00009	21	251.7
182.00173	760.52285	453.335596	67.1	0.003249	0.07262	0	21	246.5
159.88424	754.614944	469.706768	70.4	0.002514	0.06075	0.00007	21	245.8
115.37349	740.514178	611.514003	73.3	0.001969	0.04188	0	21	212.8
118.96938	690.320546	490.144194	76	0.001816	0.03247	0	21	170.4
78.31481	640.126915	497.17234	78.1	0.001038	0.01878	0	21	144.7
38.9379	589.933283	501.186544	79.3	0.000359	0.00646	0	21	98.9
28.23028	539.739651	501.578209	80.5	0.000135	0.00295	0.00001	21	57.8
24.68113	501.199245	503.576009	80.8	0.000073	0.00161	0	21	33
47.96586	472.70622	499.7	79.9	0.000042	0.00087	0.00003	21	19.2
22.33043	444.213195	499.7	78.7	0.000027	0.0005	0	21	13.3
20.998	415.720169	499.077005	77.5	0.000026	0.00035	0	21	10.1
20.43003	393.877778	445.814359	76.3	0.000033	0.00029	0.00001	21	8.5
23.43039	405.937398	498.213419	75.1	0.000054	0.00034	0.00002	21	7.7
28.85544	417.997019	499.421352	74.1	0.000069	0.00031	0.00005	21	6.7
54.96931	430.05664	500.743401	73	0.000316	0.00038	0	21	5.2
63.00529	442.11626	493.134	71.9	0.000777	0.0005	0	21	4.7
53.77955	453.310884	504.420659	71	0.000861	0.00049	0	21	5.1
46.18119	464.195238	512.879136	70.6	0.000726	0.00046	0.00002	21	5.7
42.07294	475.079592	514.213529	70.8	0.000636	0.00034	0.00002	21	4.8
41.90766	485.963946	516.415385	71.1	0.00066	0.00028	0	21	3.9
42.24571	492.652414	509.575455	71.2	0.000683	0.00024	0.00002	21	3.3
46.12462	494.665975	517.4	71.1	0.000758	0.00025	0	21	3.3
49.32164	496.679536	517.4	71.1	0.000842	0.00023	0	21	2.7
47.71851	498.693096	518.274149	71	0.000792	0.00025	0	21	3.1
46.47625	500.706657	516.258125	71	0.000752	0.00025	0	21	3.1
45.64895	487.676197	512.823026	71	0.000738	0.00026	0	21	3.3
44.18002	464.86464	514.78021	71	0.000669	0.00024	0	21	3.2

35.774684	1	0.35639
34.930802	1	0.35643
34.08692	1	0.35647
90.866995	1	0.35651
154.263868	1	0.35656
217.660741	0	0.35668
281.057614	0	0.35682
317.492009	0	0.35701
262.632397	0	0.35747
207.772786	0	0.35817
152.913175	1	0.35858
98.053564	1	0.35882
90.781726	1	0.35903
115.500331	1	0.35922
140.218936	1	0.35939
164.937541	1	0.35952
186.792534	1	0.35965
168.77065	1	0.35976
150.748766	1	0.35986
132.726883	1	0.35998
114.704999	1	0.36009
103.14064	1	0.36023
101.023989	1	0.3604
98.907338	1	0.36052
96.790687	1	0.36066
135.991856	1	0.36089
402.172739	1	0.36143
668.353622	1	0.36462
934.534505	1	0.37634
1200.715388	1	0.39753
1318.680687	1	0.42768
1281.141113	1	0.46437
1243.601538	1	0.51489
1206.061963	1	0.60173
1164.812051	1	0.6846
1071.055253	1	0.76109
977.298456	1	0.83371
883.541658	1	0.89446
789.78486	1	0.93634
668.565637	0	0.96881
516.253561	0	0.98759
363.941486	0	0.99405
211.62941	0	0.997
59.317335	0	0.99861
45.82986	0	0.99948
46.745821	0	0.99998
47.661782	0	1.00033
48.577742	0	1.00062
88.889892	0	1.00096
162.897112	0	1.00127
236.904332	0	1.00165
310.911552	0	1.00215
372.114043	0	1.00264
326.450895	0	1.0031
280.787747	0	1.00344
235.124598	0	1.00372
189.46145	0	1.00396
182.158544	0	1.00421
187.710672	0	1.00444
193.262801	0	1.00469
198.814929	0	1.00494
204.367057	0	1.0052
167.388621	0	1.00544

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10:41:56.224	193.4	86.7	1646
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10:41:59.224	192.4	72.2	1688
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10:42:07.224		74.1	1710
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10:42:13.224	193.1	82.1	1698
10:42:14.224	193.1	78.9	1701
10:42:15.224	193.2	81.3	1702
10:42:16.224	193.3	83.6	1702
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10:42:18.224	193.4	84.2	1703
10:42:19.224	193.5	81.6	1706
10:42:20.224	193.5	83.2	1705
10:42:21.224	193.6	81.9	1705
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10:42:27.224	194	77.9	1714
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10:42:37.224	193.4	76.4	1796
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10:42:40.224	193.2	72.7	1821
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10:42:44.224	192.9	82.3	1829
10:42:45.224	192.8	76.2	1834
10:42:46.224	192.8	72.6	1837
10:42:47.224	192.7	76.2	1841
10:42:48.224	192.6	79.5	1839
10:42:49.224	192.6	77.2	1839
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29.57847	442.053083	513.496923	71	0.000398	0.00017	0	21	3.2
34.31923	419.241527	510.375472	71	0.000254	0.00017	0	21	3.1
44.17522	396.42997	465.672273	70.8	0.000137	0.00025	0.00001	21	3.5
43.6446	408.722232	505.050524	70.1	0.000057	0.00024	0	21	3.5
42.4843	422.174951	502.861947	68.3	0.000062	0.00017	0	21	3
60.13792	435.62767	499.624251	66.1	0.000455	0.00024	0	21	2.5
78.44693	449.080389	495.521097	63.9	0.000947	0.00049	0	21	4.1
55.71195	458.489961	478.301043	62.9	0.000857	0.00077	0.00005	21	8.3
44.68962	461.548988	485.432857	63	0.00074	0.00073	0	21	9.2
37.9478	464.608014	481.715285	63.8	0.000601	0.00047	0	21	7
34.70743	467.66704	477.386635	64.6	0.000538	0.00028	0	21	4.8
35.19165	470.726066	474.084315	65	0.00055	0.0002	0	21	3.3
36.17547	470.599598	470.354028	65.2	0.000583	0.00017	0	21	2.8
36.44785	469.394241	466.241429	65.4	0.000622	0.00017	0	21	2.8
38.65772	468.188884	463.849914	65.5	0.000645	0.00017	0.00002	21	2.6
35.98526	466.983527	459.828515	65.5	0.000589	0.00014	0	21	2.2
35.20466	465.391716	460.262996	65.7	0.000556	0.00014	0.00003	21	2.3
33.51942	462.738965	453.099165	65.5	0.000536	0.00013	0	21	2.3
33.1175	460.086214	449.93	65.8	0.000529	0.00011	0.00002	21	2
34.26618	457.433464	447.462235	66.1	0.000536	0.00011	0	21	2
31.91037	454.780713	445.879795	66.1	0.000521	0.00011	0	21	1.9
24.48735	455.247227	443.840443	66.1	0.000449	0.00011	0.00002	21	2.2
37.52195	457.264034	438.630248	65.9	0.00051	0.00014	0	21	2.3
43.90263	459.28084	436.070588	65.9	0.00066	0.00019	0.00004	21	2.7
42.92954	461.297647	432.762553	65.7	0.000695	0.00015	0	21	2.1
44.73455	463.314454	440.49142	65.6	0.00073	0.00017	0	21	2.3
47.05858	468.833133	429.042188	65.7	0.000784	0.00017	0	21	2.1
51.13576	474.706627	425.370631	65.6	0.00084	0.00018	0	21	2.1
48.94715	480.58012	422.18033	65.6	0.000859	0.0002	0	21	2.3
50.48257	486.453614	419.869536	65.8	0.00087	0.00021	0	21	2.4
54.33681	491.764936	450.341766	65.8	0.000891	0.00024	0	21	2.7
51.6254	495.47623	415.398932	65.8	0.000898	0.00021	0	21	2.4
53.20669	499.187523	413.237582	65.9	0.000924	0.00024	0	21	2.6
54.94112	502.898816	411.789081	65.8	0.000926	0.00025	0	21	2.7
51.205	506.610109	439.719689	65.8	0.000881	0.00025	0	21	2.9
49.90798	504.734072	408.752941	65.9	0.00087	0.00021	0	21	2.4
47.38874	502.008348	407.100581	66.1	0.000823	0.00021	0	21	2.5
44.98913	499.282624	405.912968	66.2	0.000748	0.00022	0	21	2.9
43.23046	496.556899	404.94717	66.2	0.000702	0.0002	0	21	2.7
43.19684	494.369355	448.951765	66.3	0.000713	0.00019	0.00002	21	2.6
43.73243	494.772581	402.9	66.3	0.000734	0.00021	0	21	2.7
39.32909	495.175806	402.42381	66.3	0.000636	0.00019	0.00002	21	2.7
36.76336	495.579032	401.333684	66.3	0.00059	0.00017	0	21	2.6
43.85757	495.982258	402.963821	66.4	0.000952	0.00024	0	21	2.5
89.89173	499.649244	426.956557	66.3	0.001576	0.00047	0.00012	21	3.2
87.45408	507.147599	399.958342	66.3	0.001484	0.00112	0	21	7.4
71.1175	514.645955	400.490588	66.4	0.001138	0.00151	0	21	12.4
58.96827	522.14431	399.7	67.1	0.000894	0.00113	0	21	11.8
51.43738	529.642666	438.135334	68.2	0.000837	0.00076	0	21	8.7
52.48788	525.091022	401.681603	69	0.000875	0.0005	0	21	5.5
46.80349	519.185596	398.9	69.5	0.000746	0.00034	0	21	4.2
43.03584	513.28017	398.9	69.9	0.000663	0.00026	0	21	3.5
42.70978	507.374744	398.9	70.2	0.000667	0.00019	0	21	2.7
45.5274	502.36082	439.765583	70.5	0.000735	0.00017	0	21	2.2
49.17672	499.331207	398.9	70.7	0.000831	0.00021	0	21	2.5
49.03192	496.301595	398.9	70.5	0.000807	0.00021	0	21	2.5
42.51266	493.271982	399.1	70.7	0.000665	0.00019	0	21	2.6
39.80131	490.242369	425.148182	70.8	0.0006	0.00018	0	21	2.7
39.73811	489.822012	402.399118	71	0.000607	0.00017	0	21	2.6
39.55377	489.628547	400.5	71.1	0.000613	0.00016	0	21	2.4
40.73352	489.435082	400.5	71.1	0.000651	0.00016	0	21	2.4
44.18	489.241617	400.5	71.1	0.000729	0.00018	0	21.2	2.4
46.45209	487.744381	438.14233	71	0.000785	0.0002	0	22	2.4

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82.48709	0	1.00578
40.036324	0	1.00603
76.980258	0	1.00627
285.778541	0	1.00644
494.576824	0	1.00668
703.375107	0	1.00717
912.173391	0	1.00794
865.8719	0	1.00867
685.798577	0	1.00914
505.725253	0	1.00942
325.65193	0	1.00962
148.909153	0	1.00979
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139.346311	0	1.01013
134.564891	0	1.01027
129.78347	1	1.01041
124.389635	1	1.01054
118.631478	1	1.01065
112.873321	1	1.01076
107.115163	1	1.01087
101.357006	1	1.01098
116.87837	1	1.01112
133.80627	1	1.01131
150.734169	1	1.01146
167.662069	1	1.01163
183.208955	1	1.0118
191.110623	1	1.01198
199.012291	1	1.01218
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214.815628	1	1.01263
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222.754233	1	1.01333
224.584897	1	1.01358
226.579698	1	1.01379
229.133433	1	1.014
231.687167	1	1.01422
234.240902	1	1.01442
236.794637	1	1.01461
271.477447	1	1.01482
334.881702	1	1.01501
398.285957	1	1.01518
461.690213	1	1.01542
525.094468	1	1.01589
483.406009	1	1.01701
419.886695	1	1.01852
356.367382	1	1.01965
292.848069	1	1.02041
237.538188	1	1.02091
222.884547	1	1.02125
208.230906	1	1.02151
193.577265	1	1.0217
178.923623	1	1.02187
174.295703	1	1.02208
174.741038	1	1.02229
175.186373	1	1.02248
175.631708	1	1.02266
173.943197	1	1.02283
162.054161	1	1.02299
150.165125	1	1.02315
138.27609	1	1.02333
126.387054	1	1.02353

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10:42:55.224		69.7	1850
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10:43:01.224		75.5	1842
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10:43:03.224	191.1	73.5	1843
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10:43:07.224	190.6	71.4	1842
10:43:08.224	190.5	73.8	1842
10:43:09.224	190.4	76.2	1840
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10:43:15.224	189.6	75.1	1844
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10:43:21.224	188.8	71.3	1845
10:43:22.224	188.7	71	1843
10:43:23.224		72.5	1841
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10:43:33.224	189.9	0	1626
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10:43:36.224	190.3	0	1497
10:43:37.224	190.4	0	1449
10:43:38.224	190.6	0	1411
10:43:39.224	190.7	0	1385
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10:43:41.224	191	24.1	1357
10:43:42.224	191.1	68.1	1351
10:43:43.224	191.2	85.7	1358
10:43:44.224	191.3	97.2	1376
10:43:45.224	191.5	87.9	1395
10:43:46.224	191.6	90.7	1407
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10:43:48.224	191.9	78.6	1434
10:43:49.224	192	94.1	1446
10:43:50.224	192.1	59.2	1461
10:43:51.224		92.4	1474
10:43:52.224		70.6	1490
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42.77529	482.686101	401.3	71	0.000691	0.00019	0	21.9	2.5
37.98043	477.627821	401.3	71.1	0.000568	0.00016	0	21.2	2.5
34.81124	472.56954	402.218487	71.2	0.000511	0.00014	0	22	2.3
35.06222	467.51126	412.261129	71.4	0.000517	0.00013	0	22	2.2
35.56651	464.837611	411.650131	71.5	0.000528	0.00014	0.00003	21.8	2.4
36.4321	463.086724	402.147676	71.5	0.000553	0.00012	0	21.2	2
37.81225	461.335838	402.9	71.5	0.000579	0.00013	0.00004	21.8	2
38.3433	459.584951	403.480645	71.3	0.000593	0.00012	0	21.2	1.8
39.40335	458.007559	429.938882	71.2	0.000608	0.00014	0	22	2.1
39.05308	457.086788	404.078979	71.2	0.000616	0.00013	0.00001	22	2
38.07206	456.166017	404.7	71.2	0.000602	0.00013	0.00002	22	2
37.43031	455.245246	404.7	71.2	0.00057	0.00013	0.00006	22	2.1
36.01517	454.324475	405.951633	71.3	0.000549	0.00012	0	22	2
37.00253	453.9	416.548601	71.1	0.000555	0.00013	0.00005	21.8	2.1
36.56857	453.9	404.845196	71.1	0.000567	0.00014	0	21	2.3
37.82531	453.9	405.570679	71	0.000579	0.00015	0	21.2	2.3
37.74583	453.9	406.06	71.2	0.000597	0.00014	0.00003	22	2.1
38.88649	453.9	416.524444	71.2	0.000616	0.00016	0	22	2.4
39.06974	454.459503	410.83641	71.2	0.000622	0.00017	0.00008	22	2.5
39.32522	455.188022	405.5	71.2	0.000623	0.00014	0	22	2.1
38.71012	455.916542	405.93153	71.2	0.000617	0.00012	0.00003	22	1.8
39.1822	456.645061	406.041372	71.2	0.000616	0.00013	0	22	1.9
38.78344	457.147749	429.788636	71.2	0.000614	0.00011	0	22	1.7
37.56538	455.640318	406.3	71.2	0.000603	0.00013	0	22	2
36.81511	454.132887	406.057576	71.2	0.000575	0.00012	0	22	1.9
36.78905	452.625456	406.06155	71.3	0.000572	0.00014	0.00001	22	2.3
36.495	451.118025	405.547944	71.3	0.000564	0.00013	0	22	2
35.97475	449.914989	420.96513	71.3	0.00055	0.00011	0.00003	22	1.9
36.13082	449.186059	405.143478	71.5	0.000553	0.00012	0	22	1.9
37.05589	448.45713	404.835789	71.3	0.000558	0.00012	0.00001	22	1.9
37.5346	447.7282	404.7	71.3	0.000572	0.00011	0	22	1.7
37.496	446.977086	420.265078	71.3	0.000577	0.00014	0	22	2.2
37.468	424.062688	403.8	71.2	0.000573	0.00014	0	22	2.2
31.06322	401.14829	403.644664	71.2	0.000356	0.00011	0	22	2.2
38.10336	378.233892	402.9	71.1	0.000296	0.00018	0.00002	22	2.6
46.95339	355.319495	402.9	71.1	0.00013	0.00024	0.00001	22	3.2
46.49684	334.333141	381.923397	70.3	0.000063	0.00024	0	22	3.1
46.0804	316.121288	401.647115	69.4	0.00004	0.00023	0.00001	22	3
45.25764	297.909436	401.3	68.6	0.000032	0.0002	0	22	2.7
45.29855	279.697584	400.5	67.5	0.000032	0.00018	0.00004	22	2.4
44.76363	261.485732	385.670664	66.3	0.000032	0.00019	0	22	2.6
44.48599	249.773189	364.860948	64.9	0.000031	0.00017	0.00004	22	2.4
42.92869	243.023963	398.43135	63.6	0.00003	0.00015	0	22	2.2
42.05124	236.274737	398.890141	62.8	0.000029	0.00014	0.00002	22	2.1
40.55813	229.525511	398.2	61.5	0.000028	0.00013	0.00002	22	2
39.03901	222.776285	363.181689	59.6	0.000027	0.00014	0	22	2.2
38.23136	227.838701	372.384843	57.4	0.000027	0.00011	0.00004	22	1.8
37.67213	237.449091	395.774302	55.5	0.000025	0.00011	0	22	1.9
37.75367	247.059481	395	54.3	0.000018	0.0001	0.00004	22	2.2
30.20451	256.66987	394.510223	53.4	0.000111	0.0001	0	22	2.1
37.08336	268.287944	335.563698	52.7	0.00035	0.00012	0.00003	22	2
53.92	297.581514	392.7	52.2	0.000781	0.0001	0.00005	22	1.2
54.27289	326.875085	391.742412	52.2	0.001035	0.00013	0.00013	22	1.3
45.72801	356.168655	389.171353	52.5	0.000651	0.00013	0.00009	22	1.8
26.35708	385.462225	388.7	53.2	0.000477	0.00012	0.00001	22	2.1
43.33292	408.605541	392.861538	54.1	0.000606	0.00016	0.00006	22	2.5
55.895	421.454581	384.958621	54.9	0.000916	0.00022	0.00001	22	2.4
41.71048	434.303621	382.433911	55.1	0.000654	0.00015	0.00011	22	2.2
33.29582	447.152661	379.992697	55.4	0.000591	0.00016	0.00003	22	2.6
47.69871	460.001702	395.71	56.1	0.000837	0.0002	0.00018	22	2.5
45.4924	436.680091	383.167674	56.6	0.000612	0.00019	0.00029	22	2.5
43.61256	403.743497	373.152738	57.1	0.000292	0.00022	0.00007	22	3.1
39.74691	370.806903	371.371521	57.7	0.000112	0.00025	0.00015	22	3.8

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2.097954	0	1.0297
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435.43436	0	1.03128
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420.598684	1	1.03181
389.677632	1	1.03197
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10:44:39.224	195.4	52.6	1332
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37.4576	337.870309	369.080357	57.4	0.000049	0.00021	0	22	3.4
37.20442	310.760935	338.680658	56	0.000032	0.00016	0.00002	22	2.8
31.08195	312.304928	363.986504	54.6	0.000022	0.00014	0	22	2.7
21.01991	313.848921	361.977083	53.4	0.000019	0.00009	0	22	2.4
28.50051	315.392915	360.276005	52.6	0.000111	0.00009	0	22	1.9
18.86788	316.936908	358.551983	51.8	0.000184	0.00007	0	22	1.8
16.26882	313.681788	345.571515	51.4	0.000209	0.00005	0	22	1.5
15.5033	304.343439	356.29	51.5	0.000194	0.00004	0	22	1.5
17.29958	295.00509	355.186889	51.7	0.000176	0.00005	0.00001	22	1.8
16.51506	285.66674	353.971338	51.4	0.000138	0.00007	0	22	2.4
13.75013	276.328391	329.098746	51.1	0.000087	0.00005	0.00001	22	2.2
18.99665	275.180273	351.006562	50.8	0.000073	0.00005	0.00002	22	2.1
20.29111	274.725038	350.303947	50.6	0.000078	0.00008	0	22	2.4
17.90667	274.269803	348.68193	50	0.000103	0.00007	0.00001	22	2
15.35221	273.814568	348.4	49.7	0.000142	0.00006	0	22	1.9
16.7375	270.820131	317.56219	49.6	0.000182	0.00006	0.00003	22	1.4
32.61905	262.147415	346.2	49.6	0.000133	0.00011	0.00002	22	2
20.25676	253.474699	345.218182	49.4	0.000053	0.0001	0.00002	22	2.4
16.9305	244.801984	344.8	49	0.000024	0.00008	0.00001	22	2.6
14.03004	236.129268	333.327869	48.5	0.000018	0.00007	0	22	3.1
16.38449	232.307209	320.40745	48.2	0.000036	0.00009	0.00003	22	2.5
30.6744	232.144419	342.032143	47.9	0.000046	0.00011	0	22	2.1
25.2227	231.981628	341.571084	47.5	0.000024	0.00008	0.00003	22	2.1
18.78931	231.818837	341.1	47.2	0.000021	0.00007	0	22	2
13.67188	235.664054	295.265672	46.8	0.000039	0.00006	0.00001	22	2
18.81598	250.345734	340.4	46.5	0.000093	0.00005	0.00002	22	1.4
24.40055	265.027414	339.876042	46.6	0.000189	0.00006	0.00001	22	1.4
24.52743	279.709095	339.7	46.6	0.000281	0.00005	0.00004	22	1.3
24.53095	294.390775	333.587397	46.7	0.000345	0.00007	0.00002	22	1.6
30.56733	305.405471	332.246036	47	0.000425	0.00007	0.00004	22	1.5
34.10187	314.462943	339.7	47.5	0.000535	0.00009	0	22	1.5
24.99309	323.520414	340.155	48	0.000473	0.00006	0.00001	22	1.2
18.00725	332.577885	339.7	48.6	0.00034	0.00004	0	22	1.2
13.06909	336.080313	339.373152	49.3	0.000242	0.00005	0	22	1.8
12.39059	326.743599	339.7	49.8	0.000162	0.00005	0	22	2
16.26065	317.406886	339.7	50.1	0.000158	0.00008	0	22	2.6
14.01545	308.070173	338.930169	49.9	0.000127	0.00008	0	22	2.7
25.80633	298.73346	334.976495	49.7	0.00018	0.00011	0	22	2.5
29.20578	299.24931	328.61959	49.4	0.000305	0.0001	0	22	2.1
24.42687	307.258657	339.436741	49.3	0.000351	0.00006	0	22	1.3
22.03903	315.268005	339.7	49.5	0.000332	0.00005	0	22	1.3
19.08888	323.277353	339.7	49.8	0.000313	0.00006	0.00001	22	1.6
21.43215	331.286701	337.305556	50.5	0.00031	0.00007	0.00001	22	1.8
17.57548	330.882151	339.337549	50.9	0.000276	0.00007	0.00002	22	2.2
20.96986	329.11926	338.9	51.2	0.000294	0.00007	0	22	2
20.53874	327.356368	338.9	51.3	0.000275	0.00007	0.00002	22	2
17.71859	325.593477	338.353171	51.3	0.000261	0.00007	0.00001	22	2
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19.10679	327.566841	337.5	51	0.00024	0.00006	0.00003	22	1.9
18.25527	328.930096	336.019853	50.9	0.000261	0.00009	0.00007	22	2.4
30.95931	330.293352	335.447861	50.6	0.000383	0.00011	0.00002	22	2.1
29.71446	339.043314	334.275	50.3	0.000447	0.00011	0.00003	22	2.2
25.18329	353.715952	334.624299	50	0.00045	0.00009	0	22	1.9
33.44536	368.38859	333.1	49.9	0.000483	0.00009	0.00001	22	1.7
32.94025	383.061228	332.482632	49.9	0.000569	0.00011	0.00001	22	1.9
40.7496	397.733866	351.737805	50.4	0.000753	0.00014	0	22	2
52.09632	417.196136	331.552388	50.5	0.000988	0.00017	0.00005	22	1.9
60.855	437.399525	328.045908	50.4	0.00116	0.00023	0	22	2.3
65.99359	457.602915	326.0625	50.6	0.001295	0.00042	0.00006	22	3.6
57.086	477.806305	326.720528	51.3	0.001102	0.00063	0	22	6
47.56116	490.466994	370.63817	52.2	0.000854	0.00061	0	22	7.2
52.33047	493.566754	321.537237	53.2	0.000955	0.00053	0	22	5.8

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10:45:06.224	194.5	52.9	1511
10:45:07.224	194.4	63.1	1514
10:45:08.224	194.4	74.8	1519
10:45:09.224	194.3	74.2	1525
10:45:10.224	194.2	84.2	1536
10:45:11.224	194.2	85.7	1551
10:45:12.224	194.1	73.7	1569
10:45:13.224	194	73.2	1581
10:45:14.224		74.5	1598
10:45:15.224		65.5	1611
10:45:16.224		50.3	1620
10:45:17.224		36.1	1623
10:45:18.224		45.3	1627
10:45:19.224		43.2	1632
10:45:20.224		39.9	1637
10:45:21.224		20	1641
10:45:22.224	191.3	0.7	1641
10:45:23.224	190.9	1.1	1640
10:45:24.224	190.6	17.8	1643
10:45:25.224	190.3	55.9	1651
10:45:26.224	190	94.9	1673
10:45:27.224	189.6	93.3	1702
10:45:28.224	189.3	38.2	1723
10:45:29.224	189	11.4	1735
10:45:30.224	188.7	0	1731
10:45:31.224	188.4	0	1725
10:45:32.224	188	36.5	1733
10:45:33.224	187.7	55.2	1735
10:45:34.224	187.4	51.4	1744
10:45:35.224	187.1	4.3	1746
10:45:36.224	186.7	0	1741
10:45:37.224	186.4	0	1735
10:45:38.224	186.1	0	1728
10:45:39.224	185.8	0	1714
10:45:40.224	185.5	0	1696
10:45:41.224	185.1	0	1678
10:45:42.224		0	1663
10:45:43.224		0	1657
10:45:44.224		0	1648
10:45:45.224		0	1638
10:45:46.224		63.8	1641
10:45:47.224		72.4	1642
10:45:48.224		55	1647
10:45:49.224		8.3	1647
10:45:50.224	186.1	2.3	1641
10:45:51.224	186.2	13	1636
10:45:52.224	186.4	4.8	1629
10:45:53.224	186.5	1.8	1623
10:45:54.224	186.6	14.7	1616
10:45:55.224	186.7	12.8	1605
10:45:56.224	186.9	0.2	1588
10:45:57.224	187	0	1562
10:45:58.224	187.1	0	1536
10:45:59.224	187.3	0	1507
10:46:00.224	187.4	0	1479
10:46:01.224	187.5	0	1454

59.98427	496.666514	320.534277	54.2	0.001071	0.00051	0	22	5.1
54.77469	499.766274	319.614464	55	0.000983	0.0005	0.00011	22	5.3
37.84688	502.866034	373.771596	55.7	0.000618	0.00037	0	22	5.6
23.4949	493.130189	319.190822	56.4	0.000405	0.00027	0.00001	22	5.4
28.87059	481.304827	318.5	57.3	0.000438	0.00024	0	22	4.5
34.13581	469.479465	319.018558	57.7	0.000547	0.00017	0.00001	22	2.8
24.34459	457.654103	317.96234	57.8	0.000417	0.00012	0.00001	22	2.5
22.93137	448.557945	372.467544	58	0.000328	0.0001	0	22	2.6
24.97865	445.769686	318.757143	58.4	0.000334	0.0001	0.00004	22	2.3
29.74458	442.981426	319.2	58.6	0.000383	0.00011	0	22	2.3
29.42662	440.193166	319.2	58.5	0.000441	0.0001	0.00007	22	1.9
34.68648	437.404906	320.177107	58.6	0.000546	0.00011	0	22	1.9
42.24838	437.271806	346.054167	58.8	0.000712	0.00012	0	22	1.7
38.04948	439.474449	320.6	59.1	0.000649	0.00013	0	22	1.9
31.87014	441.677093	322.16537	59.4	0.000583	0.00013	0	22	2.2
32.12477	443.879736	323.086667	60.1	0.000526	0.00014	0	22	2.5
31.03302	446.082379	368.712143	60.8	0.000466	0.00011	0	22	2.2
23.45543	430.804937	325.138428	61.4	0.000362	0.00008	0.00001	22	2
20.08043	415.386527	325.8	61.8	0.000298	0.00008	0	22	2.2
19.21253	399.968117	325.8	62.4	0.000245	0.00007	0.00007	22	2
21.00018	384.549707	326.285016	62.7	0.000219	0.00008	0.00003	22	2.3
20.40266	368.622935	348.607004	62.8	0.000201	0.00007	0.00003	22	2.2
20.09597	350.806591	327.9	62.9	0.000193	0.00007	0.00005	22	1.9
19.73801	332.990246	328.348831	63.1	0.000188	0.00009	0.00003	22	2.2
42.30855	315.173902	328.7	63.4	0.000159	0.00016	0.00008	22	2.4
24.06542	297.357557	326.374653	63.5	0.000055	0.0001	0.00002	22	2.5
24.5794	305.253704	326.524963	63.4	0.000098	0.0001	0.00001	22	2.4
53.60098	326.395679	332.927476	63.4	0.000395	0.00014	0	22	1.9
71.91583	347.537654	334.601727	63.6	0.00094	0.00021	0.00003	22	1.9
43.44322	368.67963	337.947715	64	0.000571	0.0002	0.00004	22	2.9
23.70379	384.912278	362.502058	64.7	0.000248	0.00021	0	22	4.3
28.77519	366.462904	341.542367	66	0.000162	0.00031	0.00004	22	4.9
43.59787	348.01353	342.938442	66.9	0.000072	0.00026	0.00004	22	4
24.22797	329.564156	343.908533	67.1	0.000039	0.00013	0.00003	22	3.1
27.45968	311.114781	340.521786	67	0.000094	0.00011	0	22	2.5
27.70283	296.536752	335.225664	66.8	0.000205	0.00008	0.00001	22	1.7
24.99341	284.867317	346.557823	66.9	0.000227	0.00008	0.00008	22	1.6
43.62111	273.197882	347	67.1	0.000183	0.00012	0.00006	22	1.9
45.4614	261.528447	348.541647	67.5	0.000102	0.00018	0.00012	22	2.4
45.91011	249.859012	326.82132	67.4	0.000047	0.00017	0	22	2.3
45.72441	240.132164	338.341614	67.2	0.000032	0.00017	0	22	2.2
46.08255	231.035692	352.098507	67	0.000032	0.00014	0	22	1.9
45.45742	221.939221	353	66.7	0.000032	0.00013	0	22	1.8
45.65408	212.842749	353	66.2	0.000032	0.00014	0	22	1.8
45.36123	203.746278	309.615301	65.5	0.000032	0.00012	0	22	1.6
45.68585	208.508529	353.78853	64.8	0.000031	0.00017	0.00008	22	2.4
45.29537	215.678163	353.245184	64.3	0.000022	0.00011	0.00002	22	2.1
26.76001	222.847798	353.091496	64	0.000023	0.00009	0.00001	22	2
38.06894	230.017432	345.567543	63.6	0.000133	0.00008	0	22	1.7
25.19891	232.22952	324.983571	63.3	0.000237	0.00007	0.00001	22	1.5
20.71758	230.910204	351.5	63.3	0.000247	0.00005	0.00002	22	1.2
18.19591	229.590888	351.5	63.3	0.0002	0.00007	0.00004	22	1.7
21.6484	228.271573	350.448878	63.8	0.000124	0.00009	0.00009	22	2.3
21.82838	226.952257	323.596824	63.6	0.000085	0.0001	0.00003	22	2.8
18.66635	222.414048	338.787954	63.3	0.000089	0.00009	0.00005	22	2.5
24.06732	216.703335	348.456087	63.1	0.000084	0.00008	0.00003	22	2.3
18.69544	210.992622	347.578934	62.9	0.000069	0.00006	0.00004	22	2
28.39819	205.281909	346.660606	62.7	0.000097	0.00011	0.00014	22	2
41.93791	199.571196	294.908743	62.4	0.00007	0.00016	0.0001	22	2.3
41.16194	193.462175	343.920072	62	0.000029	0.0002	0.0001	22	2.9
41.11968	187.325464	342.546615	61.2	0.000029	0.00015	0.00005	22	2.2
40.69195	181.188753	340.56112	60.2	0.000028	0.00016	0.00011	22	2.4
39.9634	175.052042	338.377994	59.1	0.000028	0.00014	0.00006	22	2.2

977.88872	1	1.04046
840.961965	1	1.04096
704.03521	1	1.04133
576.142243	1	1.0416
482.029652	1	1.04184
387.917061	1	1.04201
293.804469	1	1.04213
199.691878	1	1.04223
161.357589	1	1.04233
167.385576	1	1.04244
173.413563	1	1.04254
179.44155	1	1.04265
185.469537	1	1.04277
183.646958	1	1.0429
181.066867	1	1.04303
178.486777	1	1.04317
175.906687	1	1.04328
168.873799	1	1.04336
149.23318	1	1.04344
129.592562	1	1.04351
109.951943	1	1.04359
90.311325	1	1.04366
84.809856	1	1.04373
94.935869	1	1.04382
105.061881	1	1.04398
115.187894	1	1.04408
124.789023	1	1.04418
117.983315	1	1.04432
111.177607	1	1.04453
104.371899	1	1.04473
97.566191	1	1.04494
98.612403	1	1.04525
108.302326	1	1.04551
117.992248	1	1.04564
127.682171	1	1.04575
137.372093	1	1.04583
115.903253	1	1.04591
88.142739	1	1.04603
60.382225	1	1.04621
32.621711	1	1.04638
4.99687	1	1.04655
4.370958	1	1.04669
3.745045	1	1.04682
3.119132	1	1.04696
2.493219	1	1.04708
9.686095	1	1.04725
45.941257	1	1.04736
82.19642	0	1.04745
118.451583	0	1.04753
154.706746	0	1.0476
149.594118	0	1.04765
137.409244	0	1.04772
125.22437	0	1.04781
113.039496	0	1.04791
100.29625	1	1.048
82.17125	1	1.04808
64.04625	1	1.04814
45.92125	1	1.04825
27.79625	1	1.04841
14.118441	1	1.04861
11.11994	1	1.04876
8.121439	1	1.04892
5.122939	1	1.04906

10:46:02.224	187.6	0	1435
10:46:03.224	187.8	0	1412
10:46:04.224	187.9	0	1379
10:46:05.224	188	0	1335
10:46:06.224	188.1	14.9	1310
10:46:07.224	188.3	60.6	1295
10:46:08.224	188.4	76.2	1288
10:46:09.224	188.5	93.7	1288
10:46:10.224		98.8	1297
10:46:11.224		99.6	1314
10:46:12.224		99.6	1400
10:46:13.224		97.6	1634
10:46:14.224		80.7	1664
10:46:15.224		74.1	1684
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10:46:17.224		95.3	1395
10:46:18.224	193	99.6	1396
10:46:19.224	193.5	98.9	1410
10:46:20.224	194	87.5	1424
10:46:21.224	194.5	97.1	1708
10:46:22.224	195	95.9	2257
10:46:23.224	195.6	99.6	2243
10:46:24.224	196.1	95.3	2332
10:46:25.224	196.6	79.3	2397
10:46:26.224	197.1	64.9	2196
10:46:27.224	197.6	77.2	2005
10:46:28.224	198.1	79.7	2006
10:46:29.224	198.7	83.2	2006
10:46:30.224	199.2	79.8	2010
10:46:31.224	199.7	82.6	2014
10:46:32.224	200.2	82	2018
10:46:33.224	200.7	81.4	2026
10:46:34.224	201.2	80.4	2038
10:46:35.224	201.8	80.4	2051
10:46:36.224	202.3	81.1	2066
10:46:37.224	202.8	74.1	2075
10:46:38.224		61.4	2060
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10:46:40.224		88.6	1694
10:46:41.224		94.1	1683
10:46:42.224		82.1	1683
10:46:43.224		66.1	1676
10:46:44.224		88.4	1668
10:46:45.224		79.4	1657
10:46:46.224	200.3	46.8	1647
10:46:47.224	199.9	73.3	1634
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10:46:49.224	199.3	83.8	1603
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10:46:51.224	198.7	87.3	1592
10:46:52.224	198.4	89	1591
10:46:53.224	198	88	1595
10:46:54.224	197.7	82.6	1602
10:46:55.224	197.4	87.5	1607
10:46:56.224	197.1	81.6	1610
10:46:57.224	196.8	75.9	1611
10:46:58.224	196.5	81.6	1609
10:46:59.224	196.1	80.8	1612
10:47:00.224	195.8	81.9	1612
10:47:01.224	195.5	84.7	1612
10:47:02.224	195.2	72.8	1616
10:47:03.224	194.9	67.9	1611
10:47:04.224	194.5	67	1607

39.46741	170.127935	273.918742	58.1	0.000027	0.00015	0.00002	22	2.3
38.41313	167.397417	333.192217	56.9	0.000027	0.00012	0.00002	22	2
37.49789	164.666898	331.116382	56.1	0.000026	0.00011	0.00003	22	1.8
36.15005	161.936379	329.055983	55.3	0.000025	0.00013	0.00009	22	2.2
30.83327	159.20586	308.70589	54.3	0.000016	0.00008	0.00002	22	2.1
21.7279	182.032818	286.676448	52.8	0.000031	0.00008	0.00003	22	2.2
26.22391	222.256042	322.807503	51.3	0.00015	0.00009	0	22	1.9
44.16529	262.479266	320.473057	50.4	0.000446	0.00009	0.00002	22	1.4
49.87116	302.70249	316.871765	49.8	0.000829	0.00011	0.00003	22	1.3
55.87625	342.925714	323.769844	49.6	0.001045	0.0002	0.00008	22	2.1
62.56898	367.55461	308.61001	49.8	0.001455	0.00073	0.00015	22	5.8
77.19249	391.117228	303.775	50.2	0.001507	0.00174	0	22	13.1
70.52692	414.679845	298.190104	50.8	0.001424	0.0036	0.00002	22	27.1
53.72006	438.242463	294.332374	51.5	0.000901	0.00368	0	22	39.5
37.55529	459.884792	372.204687	52.5	0.000538	0.00246	0	22	39.3
42.4126	470.896507	289.3	53.7	0.00072	0.00205	0	22	27.1
60.30395	481.908222	288.132748	54.1	0.001059	0.00171	0.00003	22	17.7
73.31497	492.919936	285.524254	53.9	0.001271	0.00202	0.00011	22	18
68.64534	503.931651	290.534143	53.7	0.001287	0.00359	0	22	31.1
88.43229	521.761437	353.737755	53.9	0.001736	0.00871	0	22	56.1
131.28672	547.659772	284.748723	54.4	0.002596	0.02509	0	22	109
141.79614	573.558107	289.736869	55	0.00265	0.04078	0.00027	22	173.4
139.93966	599.456442	297.887141	55.7	0.002481	0.0536	0.00024	22	230.3
109.77208	625.354777	405.840591	57.3	0.001826	0.04165	0.00011	22	225.2
76.58156	613.1874	324.594409	59.7	0.001238	0.01932	0	22	146.7
65.98776	596.506638	318.542609	62.1	0.001072	0.00952	0	22	83.5
64.31239	579.825877	322.22	63.6	0.000996	0.00448	0.00003	22	42.3
66.3729	563.145116	326.781182	64.2	0.001077	0.00253	0	22	22.9
68.43783	549.689023	439.080265	64.3	0.001131	0.00167	0	22	14.4
69.692	552.670873	336.037634	64.3	0.001157	0.00135	0	22	11.5
76.1376	555.652723	340.988106	64.3	0.001305	0.00137	0	22	10.6
78.33726	558.634572	347.321818	64.4	0.001322	0.00137	0	22	10.5
80.0525	561.616422	353.508188	64.6	0.001366	0.00152	0	22	11.3
84.37943	558.945626	406.102098	64.8	0.001425	0.00167	0.00004	22	11.8
89.79895	551.381495	364.544696	65.1	0.001485	0.00196	0	22	13
77.93652	543.817365	369.642388	65.5	0.001266	0.00188	0.00011	22	14
64.74162	536.253234	374.27907	65.8	0.000874	0.00143	0.00004	22	14.2
39.2687	528.689103	433.553488	66.4	0.000513	0.00085	0.00002	22	13
41.09073	528.1153	378.81084	66.7	0.000577	0.00067	0	22	10
61.13239	527.720737	380.624964	66.5	0.001016	0.00077	0	22	7.5
70.64885	527.326173	382.812036	65.9	0.001047	0.00088	0	22	8.2
44.73913	526.931609	385.378166	65.3	0.000744	0.00079	0	22	9.8
45.12415	524.168738	434.827662	65	0.000762	0.0008	0.00002	22	9.7
50.79522	518.039774	388.892235	65	0.000923	0.00073	0	22	7.7
27.09747	511.910811	390.24	64.7	0.000567	0.00043	0	22	6.6
36.08581	505.781847	391.1	64.3	0.000517	0.00034	0	22	5.4
37.24	499.652884	401.689807	64	0.000539	0.00029	0	22	4.8
38.85891	504.009331	407.992969	63.5	0.000648	0.00027	0	22	3.8
48.36273	512.565816	392.7	62.9	0.000792	0.00027	0	22	3.4
48.62723	521.122301	395	62.4	0.000865	0.00029	0	22	3.5
51.24614	529.678787	395.258925	61.8	0.000967	0.00032	0	22	3.6
55.99635	538.235272	441.813231	61.5	0.001011	0.00036	0	22	3.8
49.562	537.151418	399.633846	61.5	0.000914	0.00036	0	22	4.2
50.32403	535.386342	398.32703	61.6	0.000887	0.00035	0	22	4.2
47.82138	533.621265	399.657333	61.8	0.000917	0.00036	0	22	4.1
39.69009	531.856188	401.062137	61.9	0.000688	0.00027	0	22	3.9
35.81256	529.535757	464.689923	62.1	0.000593	0.00024	0.00005	22	3.8
37.72384	524.597223	401.502151	62.3	0.000637	0.00019	0.00002	22	2.9
38.48802	519.65869	402.1	62.3	0.000609	0.00016	0.00003	22	2.5
41.5378	514.720157	402.1	62.3	0.000649	0.00017	0	22	2.6
35.83145	509.781624	404.576757	62.3	0.0006	0.00014	0	22	2.1
27.77451	501.876315	434.150418	62.4	0.000465	0.00014	0	22	2.7
24.76913	490.445933	402.9	62.4	0.000362	0.00013	0	22	3

2.124438	1	1.04921
9.387503	0	1.04933
22.807507	0	1.04944
36.227511	0	1.04957
49.647515	0	1.04965
63.067519	0	1.04973
186.240079	0	1.04982
327.875685	0	1.04991
469.511291	0	1.05002
611.146898	0	1.05022
693.841837	0	1.05095
635.678571	1	1.05269
577.515306	1	1.05629
519.352041	1	1.05997
461.188776	1	1.06243
500.110582	1	1.06448
687.732309	1	1.06619
875.354036	1	1.06821
1062.975763	1	1.0718
1250.59749	1	1.08051
1149.56116	1	1.1056
964.239662	1	1.14638
778.918164	1	1.19998
593.596666	1	1.24163
429.301879	1	1.26095
379.63658	1	1.27047
329.971281	1	1.27495
280.305981	1	1.27748
230.640682	1	1.27915
214.015331	1	1.2805
227.403369	1	1.28187
240.791406	1	1.28324
254.179443	1	1.28476
267.56748	1	1.28643
278.576931	1	1.28839
289.301379	1	1.29027
300.025826	1	1.2917
310.750274	1	1.29255
323.781982	1	1.29322
341.627607	1	1.29399
359.473232	1	1.29487
377.318856	1	1.29566
395.164481	1	1.29646
376.503831	1	1.29719
340.105364	1	1.29762
303.706897	1	1.29796
267.308429	1	1.29825
230.909962	1	1.29852
258.754445	1	1.29879
288.246183	1	1.29908
317.737921	1	1.2994
347.229659	1	1.29976
366.964278	1	1.30012
346.161589	1	1.30047
325.358899	1	1.30083
304.556209	1	1.3011
283.75352	1	1.30134
264.595346	1	1.30153
247.573152	1	1.30169
230.550959	1	1.30186
213.528765	1	1.302
196.506572	1	1.30214
178.000208	1	1.30227

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10:47:09.224		80.4	1623
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10:47:11.224		64.1	1633
10:47:12.224		57.1	1638
10:47:13.224		47.6	1631
10:47:14.224	190.8	41.4	1620
10:47:15.224	190.4	2.8	1614
10:47:16.224	190	35.3	1601
10:47:17.224	189.7	26.1	1591
10:47:18.224	189.3	17.8	1576
10:47:19.224	188.9	35.1	1562
10:47:20.224	188.5	63.6	1560
10:47:21.224	188.1	77.4	1561
10:47:22.224	187.7	74.5	1565
10:47:23.224	187.3	73.4	1567
10:47:24.224	187	50.9	1567
10:47:25.224	186.6	34.8	1565
10:47:26.224	186.2	53.6	1557
10:47:27.224	185.8	49.3	1551
10:47:28.224	185.4	52.2	1547
10:47:29.224	185	59.9	1545
10:47:30.224	184.6	74	1553
10:47:31.224	184.3	58.8	1558
10:47:32.224	183.9	50.8	1560
10:47:33.224	183.5	62.5	1562
10:47:34.224		72.7	1562
10:47:35.224		83.6	1571
10:47:36.224		76.4	1580
10:47:37.224		81.5	1590
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10:47:42.224	187	70.3	1602
10:47:43.224	187.4	81.9	1605
10:47:44.224	187.9	66.1	1605
10:47:45.224	188.3	82.2	1611
10:47:46.224	188.8	87.9	1616
10:47:47.224	189.2	88.3	1625
10:47:48.224	189.7	88.3	1642
10:47:49.224	190.1	79.2	1657
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10:47:51.224	191.1	63.5	1662
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10:47:53.224	192	70.9	1646
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10:47:55.224	192.9	71.4	1632
10:47:56.224	193.3	71.8	1627
10:47:57.224	193.8	68.3	1617
10:47:58.224	194.2	67.4	1607
10:47:59.224	194.7	68.2	1601
10:48:00.224	195.1	84.9	1597
10:48:01.224	195.6	94.2	1605
10:48:02.224		82.8	1622
10:48:03.224		75.5	1632
10:48:04.224		64.2	1635
10:48:05.224		62.9	1635
10:48:06.224		80.7	1636
10:48:07.224		74.8	1643

32.88283	479.01555	402.9	62.5	0.000376	0.00013	0.00001	22	2.8
29.79511	467.585168	402.9	62.3	0.000391	0.00012	0	22	2.4
31.32786	456.154786	410.870455	62.1	0.000432	0.00011	0.00005	22	2
35.79612	451.956859	410.191844	62	0.000511	0.00012	0.00004	22	2
39.09109	450.516058	403.729772	62	0.000537	0.00011	0.00001	22	1.9
33.81192	449.075256	404.7	62.2	0.000517	0.00009	0.00003	22	1.6
27.17729	447.634454	404.7	62.5	0.000451	0.0001	0	22	1.9
23.17124	446.193652	417.99539	62.7	0.000392	0.00011	0.00001	22	2.3
21.11087	429.874403	404.859027	63	0.000319	0.00009	0	22	2.2
22.96473	412.520824	404.7	63.2	0.000303	0.00009	0	22	2.3
20.31518	395.167245	404.7	63.2	0.000261	0.0001	0.00001	22	2.6
20.65537	377.813666	403.981282	63	0.000189	0.00008	0.00002	22	2.3
18.79418	366.630504	389.225448	62.9	0.00013	0.00008	0.00004	22	2.5
18.48693	368.262824	404.7	62.8	0.000102	0.00008	0	22	2.4
18.14416	369.895144	404.7	62	0.000094	0.00007	0	22	2.1
27.308	371.527464	404.7	61.3	0.000181	0.00011	0	22	2.3
34.76263	373.159784	404.7	60.9	0.000311	0.00011	0.00007	22	2
31.7847	373.592823	395.769154	60.4	0.000427	0.00009	0.00004	22	1.6
30.82794	372.396651	405.991775	60.2	0.000445	0.00008	0.00004	22	1.5
22.96242	371.200478	406.3	60.4	0.000354	0.00007	0.00004	22	1.7
22.54248	370.004306	407.2	60.5	0.000292	0.00006	0	22	1.5
23.47938	368.808134	397.84784	60.6	0.000262	0.00008	0.00001	22	2.1
21.93777	371.272672	407.2	60.4	0.000231	0.00008	0	22	2.3
23.50427	374.508352	407.2	60.2	0.000254	0.00009	0.00001	22	2.2
25.94061	377.744031	407.687	60.1	0.000287	0.00009	0.00001	22	2.2
30.872	380.979711	407.349586	60	0.000376	0.0001	0.00003	22	1.9
33.13996	384.917349	397.462388	59.8	0.000457	0.0001	0	22	1.8
22.71238	390.938575	408.366058	59.8	0.000414	0.00006	0	22	1.3
26.67541	396.959801	408.8	60	0.000383	0.00008	0	22	1.8
27.15727	402.981027	408.839191	60.3	0.000428	0.00009	0	22	1.8
45.16647	409.002253	409.735443	60.3	0.000646	0.00013	0	22	1.8
38.56933	414.801258	409.849275	60.3	0.000645	0.00012	0	22	1.8
37.20093	420.47253	409.6	60.4	0.000582	0.00012	0	22	1.9
32.02182	426.143803	410.349474	60.8	0.000543	0.00012	0	22	2.1
34.259	431.815075	409.6	61.1	0.00056	0.00013	0	22	2.2
36.08849	437.486348	416.613019	61.5	0.000568	0.00013	0.00004	22	2.2
32.60938	436.926664	412.149605	61.7	0.000507	0.00011	0	22	2.1
28.96965	434.67051	408.514954	61.9	0.000466	0.00011	0	22	2
36.73139	432.414357	407.645386	62	0.000534	0.00012	0	22	2.1
29.13598	430.158204	406.557143	62	0.000513	0.00011	0	22	2
38.4004	435.052648	414.189803	62	0.000635	0.00014	0	22	2
48.71237	450.762819	405.398673	62.1	0.000817	0.00016	0	22	1.9
51.30451	466.472989	403.956218	62.1	0.000955	0.00018	0	22	2.1
57.80661	482.18316	402.690146	62.3	0.001041	0.00023	0	22	2.3
52.54599	497.89333	431.426027	62.6	0.000955	0.00026	0	22	2.8
40.36557	490.077979	402.428739	63.1	0.000675	0.0002	0	22	2.8
25.64875	479.205638	397.381368	63.7	0.000444	0.00017	0	22	3.2
27.48024	468.333298	396.18932	64.2	0.000395	0.00014	0	22	2.9
27.04784	457.460957	394.630832	64.4	0.000395	0.0001	0	22	2.2
31.9762	447.542975	420.382096	64.2	0.000448	0.00012	0	22	2.4
29.76152	441.829324	392.143478	64	0.000442	0.0001	0	22	2.1
29.67947	436.115674	390.703676	63.6	0.00044	0.00008	0.00001	22	1.7
27.22126	430.402023	389.582956	63.4	0.000413	0.0001	0	22	2
25.81551	424.688373	394.151783	63.2	0.000378	0.00008	0.00004	22	1.9
27.5943	431.387413	392.903125	62.8	0.000418	0.0001	0.00005	22	2
35.13541	443.741725	386.479621	62.5	0.000546	0.00014	0.00009	22	2.3
56.10058	456.096037	384.76614	62.1	0.000905	0.00018	0.00009	22	2
52.47243	468.45035	383.793698	61.8	0.000936	0.00018	0.00001	22	2
41.4877	480.804662	418.948679	61.9	0.000741	0.0002	0.00005	22	2.6
29.94466	474.236893	382.336926	62.3	0.000476	0.00015	0	22	2.8
25.08834	467.043601	380.9	62.8	0.000405	0.00014	0	22	2.8
37.99414	459.850309	380.358858	63.2	0.000513	0.00012	0	22	2
34.81698	452.657017	380.2	63.3	0.000504	0.0001	0	22	1.7

159.108781	1	1.3024
140.217355	1	1.30252
121.325929	1	1.30263
102.434503	1	1.30275
98.323228	1	1.30286
94.5599	1	1.30295
90.796571	1	1.30305
87.033243	1	1.30316
85.258923	1	1.30325
91.748215	1	1.30334
98.237508	1	1.30344
104.726801	1	1.30352
111.216093	1	1.3036
120.206522	1	1.30368
131.076087	1	1.30375
141.945652	1	1.30386
152.815217	1	1.30397
163.684783	1	1.30406
162.735866	1	1.30414
158.588299	1	1.30421
154.440733	1	1.30427
150.293167	1	1.30435
146.055252	1	1.30443
141.469098	1	1.30452
136.882944	1	1.30461
132.29679	1	1.30471
127.710636	1	1.30481
136.691345	1	1.30487
153.742931	1	1.30495
170.794518	1	1.30504
187.846104	1	1.30517
204.89769	1	1.30529
194.513492	1	1.30541
183.963684	1	1.30553
173.413877	1	1.30566
162.86407	1	1.30579
152.46794	1	1.3059
144.282401	1	1.30601
136.096862	1	1.30613
127.911323	1	1.30624
119.725784	1	1.30638
141.785667	1	1.30654
178.945587	1	1.30672
216.105508	1	1.30695
253.265428	1	1.30721
278.803378	1	1.30741
236.360762	1	1.30758
193.918146	1	1.30772
151.475531	1	1.30782
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87.147368	1	1.30804
83.638596	1	1.30812
80.129825	1	1.30822
76.621053	1	1.3083
73.112281	1	1.3084
120.112265	1	1.30854
168.78196	1	1.30872
217.451655	1	1.3089
266.12135	1	1.3091
289.179193	1	1.30925
263.611638	1	1.30939
238.044082	1	1.30951
212.476526	1	1.30961

10:48:08.224		78.4	1648
10:48:09.224	195.8	72.3	1652
10:48:10.224	195.8	58.8	1656
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10:48:15.224	195.8	80.3	1661
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10:48:45.224	193.7	68.7	1833
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33.94911	445.32493	399.938922	63.2	0.000504	0.00009	0	22	1.6
31.95776	437.813302	379.4	63.4	0.000493	0.00009	0	22	1.7
24.03	430.301674	378.6	63.6	0.000407	0.00009	0	22	1.9
22.70234	422.790047	378.6	63.8	0.000352	0.00007	0	22	1.5
34.22866	416.920225	396.397468	64	0.000361	0.00008	0.00006	22	1.7
25.47065	421.480701	377.567027	64.1	0.000351	0.00008	0.00002	22	1.7
28.91561	426.041176	377.786405	64	0.00042	0.00011	0.00003	22	2.1
45.26325	430.601652	377.9	64	0.000633	0.00013	0.00002	22	1.8
42.13965	435.162128	385.2284	64	0.000664	0.00016	0	22	2.2
47.25454	449.599233	391.141392	64.1	0.000838	0.00018	0	22	2.1
77.71614	470.703475	378.391522	64.3	0.001358	0.00027	0	22	2.1
99.71939	491.807717	380.132454	64.9	0.001704	0.00094	0	22	5.6
104.96745	512.911959	380.758218	65.5	0.001694	0.00241	0	22	13.8
101.24975	534.016201	428.688715	66.5	0.001542	0.00338	0	22	20.2
52.47073	512.080697	386.420411	68.1	0.000807	0.00197	0	22	19.7
28.15107	485.679701	384.05752	69.7	0.000379	0.00081	0	22	15.2
26.15387	459.278705	383.4	70	0.000247	0.00045	0	22	10.3
23.49331	432.877709	383.4	70	0.000183	0.00028	0	22	7.1
24.0525	408.582008	394.794722	70.6	0.000172	0.0002	0.00002	22	5
23.24117	406.104824	382.6	71	0.00018	0.00014	0	22	3.5
25.94438	403.62764	382.251362	70.6	0.00023	0.00012	0.00004	22	2.6
33.8434	401.150456	382.467651	70.2	0.000326	0.00014	0	22	2.6
32.37716	398.673272	382.347427	69.7	0.000384	0.00011	0	22	2.1
31.79789	401.12309	386.800788	69.4	0.000418	0.00012	0.00002	22	2.2
35.65759	408.78377	382.6	69.2	0.000481	0.00012	0	22	2.1
37.08739	416.444449	382.6	69	0.000552	0.0001	0.00014	22	1.6
37.59306	424.105129	383.202899	69	0.00057	0.00011	0.00001	22	1.7
36.52485	431.765808	397.779416	69.2	0.000554	0.00011	0.00005	22	1.8
36.94131	434.057431	383.36	69.4	0.000562	0.00012	0	22	1.9
37.2762	435.511109	382.748097	69.6	0.000574	0.0001	0	22	1.7
36.94557	436.964786	383.4	69.7	0.000577	0.00011	0.00001	22	1.8
37.16153	438.418464	383.4	69.9	0.00058	0.00012	0	22	1.9
37.04313	439.308661	407.490373	70.1	0.000577	0.00012	0.00002	22	1.9
36.89414	438.561244	383.781343	70.2	0.000581	0.00011	0	22	1.7
37.79935	437.813827	383.903382	70.3	0.000573	0.00011	0.00002	22	1.7
35.98012	437.06641	383.508076	70.5	0.000559	0.00011	0.00001	22	1.8
35.97095	436.318993	394.055795	70.7	0.000557	0.00012	0.00002	22	1.9
35.74121	436.237193	391.561818	70.8	0.000552	0.00012	0.00004	22	2
36.10427	436.431242	384.1	70.8	0.000552	0.00011	0	22	1.7
36.98982	436.625291	383.151573	70.9	0.000552	0.00008	0.00005	22	1.2
36.83624	436.81934	383.066824	70.9	0.000568	0.00008	0	22	1.3
43.12027	437.302224	406.827334	71	0.000671	0.00011	0.00008	22	1.5
49.1116	441.682278	382.6	71.1	0.000843	0.00012	0.00001	22	1.4
48.43699	446.062332	382.6	71.1	0.000864	0.00011	0	22	1.3
36.71463	450.442385	383.326992	71.2	0.00059	0.00012	0	22	1.8
41.30516	454.822439	383.4	71.5	0.00065	0.00014	0	22	1.9
48.72928	456.609011	398.367866	71.8	0.000819	0.00014	0	22	1.6
42.57386	456.785689	382.6	71.9	0.000662	0.00011	0	22	1.5
38.38538	456.962367	382.422653	72	0.000596	0.0001	0.00004	22	1.4
41.96583	457.139046	381.379439	72.2	0.000634	0.00009	0	22	1.4
33.7799	457.458222	415.426907	72.2	0.00051	0.00008	0.00001	22	1.4
25.64408	459.236	380.757813	72.2	0.000416	0.00007	0	22	1.4
28.44915	461.013778	380.2	72	0.000425	0.0001	0	22	1.8
28.09342	462.791556	380.2	71.8	0.000586	0.00014	0	22	1.9
68.34412	464.569333	389.250691	71.7	0.001004	0.00018	0	22	1.6
60.70892	470.539455	398.738845	71.2	0.001075	0.00013	0	22	1.2
90.36625	479.434965	380.2	71.1	0.001427	0.00022	0	22	1.6
69.14315	488.330475	380.9	70.8	0.001157	0.00028	0	22	2.3
59.87996	497.225984	380.670646	71.3	0.000952	0.0003	0	22	3
52.74866	506.121494	419.789972	72.1	0.000882	0.00026	0	22	2.8
40.34942	504.634733	382.704605	72.3	0.000675	0.00015	0	22	2
42.23215	501.86477	380.2	73	0.000622	0.00013	0	22	1.8
56.36309	499.094806	380.571593	73.8	0.001061	0.00014	0.00007	22	1.3

186.908971	1	1.3097
162.645581	1	1.30979
138.692093	1	1.30988
114.738605	1	1.30995
90.785116	1	1.31003
90.562809	1	1.31011
113.324243	1	1.31022
136.085677	1	1.31035
158.847112	1	1.31051
181.608546	1	1.31069
394.527203	1	1.31096
640.740132	1	1.3119
886.953062	1	1.31431
1133.165991	1	1.31769
1298.760684	1	1.31966
1053.398999	1	1.32047
808.037315	1	1.32092
562.675631	1	1.3212
317.313946	1	1.3214
160.723201	1	1.32154
157.244184	1	1.32166
153.765166	1	1.3218
150.286149	1	1.32191
146.807132	1	1.32203
146.339673	1	1.32215
146.781955	1	1.32225
147.224237	1	1.32236
147.666519	1	1.32247
145.549589	1	1.32259
135.588566	1	1.32269
125.627544	1	1.3228
115.666522	1	1.32292
105.7055	1	1.32304
100.920498	1	1.32315
99.201547	1	1.32326
97.482596	1	1.32337
95.763644	1	1.32349
94.044693	1	1.32361
93.143171	1	1.32372
92.26347	1	1.3238
91.38377	1	1.32388
90.504069	1	1.32399
94.215665	1	1.32411
104.088416	1	1.32422
113.961167	1	1.32434
123.833918	1	1.32448
133.70667	1	1.32462
129.788316	1	1.32473
123.790982	1	1.32483
117.793647	1	1.32492
111.796313	1	1.325
134.016222	1	1.32507
204.905111	1	1.32517
275.794	1	1.32531
346.682889	1	1.32549
417.571778	1	1.32562
383.631545	1	1.32584
333.61026	1	1.32612
283.588974	1	1.32642
233.567688	1	1.32668
193.45561	1	1.32683
202.068684	1	1.32696
210.681758	1	1.3271

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10:49:15.224	193.4	85.2	1934
10:49:16.224	193.5	71.6	1951
10:49:17.224	193.5	57	1964
10:49:18.224	193.6	68.4	1969
10:49:19.224	193.7	26.5	1960
10:49:20.224	193.7	0.3	1943
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10:49:31.224		36.9	1588
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10:49:36.224	191.7	71.5	1565
10:49:37.224	191.5	69.6	1571
10:49:38.224	191.3	69	1573
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10:49:40.224	190.9	91	1602
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10:49:42.224	190.5	10.1	1618
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10:50:07.224	190.6	0	1423
10:50:08.224	190.8	0	1415
10:50:09.224	190.9	0	1408
10:50:10.224	191	8.9	1404
10:50:11.224	191.2	42.8	1404
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10:50:13.224	191.4	78.5	1424

54.30011	496.324843	380.330351	73.8	0.0009	0.00012	0.00007	22	1.2
41.87424	495.650261	428.147944	73.8	0.000595	0.0001	0.00002	22	1.4
43.67023	500.669817	380.9	74	0.000597	0.00009	0	22	1.3
42.62846	505.689374	380.405347	74.3	0.000714	0.00012	0.00001	22	1.4
72.20625	510.708931	381.045919	74.2	0.001099	0.00015	0.0002	22	1.4
74.86483	515.728488	403.428294	74.3	0.001256	0.00011	0	22	0.8
52.6671	500.375075	398.924229	74.5	0.000818	0.00013	0	22	1.3
42.71385	474.85045	383.207864	74.9	0.000531	0.00011	0	22	1.7
26.21377	449.325824	382.6	75.6	0.000383	0.0001	0	22	1.9
25.25867	423.801199	382.6	76	0.000247	0.00008	0	22	1.9
22.25011	398.276574	388.382148	76.2	0.000121	0.00008	0.00002	22	2.2
21.24459	378.359542	381.8	75.8	0.000061	0.00009	0.00002	22	2.5
20.27769	358.459383	381.8	75.1	0.00004	0.00008	0	22	2.3
19.19208	338.559224	381.148684	74.3	0.00003	0.00007	0.00003	22	2.2
18.15089	318.659065	373.576838	74.1	0.000025	0.00006	0	22	2
16.55074	306.118936	365.569474	72.4	0.000022	0.00004	0	22	1.5
15.49385	298.693404	380.9	69.7	0.00002	0.00004	0	22	1.6
15.00926	291.267872	380.233419	67.6	0.000017	0.00004	0.00001	22	1.8
14.20805	283.84234	380.2	65.4	0.000016	0.00005	0.00003	22	2
24.20427	276.416809	350.067975	64	0.000032	0.00007	0.00002	22	2
19.99066	277.572621	376.847436	62.9	0.000069	0.00005	0.00003	22	1.5
20.41411	279.789048	380.2	62	0.000125	0.00005	0.00001	22	1.3
17.77909	282.005476	380.2	61.6	0.000153	0.00003	0.00004	22	0.8
19.31164	284.221904	380.2	61.3	0.000128	0.00003	0.00002	22	1
25.00183	291.281426	341.483553	61.1	0.000162	0.00005	0.00002	22	1.2
30.8671	310.314155	380.9	60.7	0.000249	0.00006	0.00004	22	1.4
34.83446	329.346883	381.530819	60.4	0.000386	0.00008	0	22	1.4
30.79304	348.379612	382.590757	60.4	0.00046	0.00009	0.00005	22	1.6
46.64101	367.412341	382.436806	60.5	0.000579	0.00011	0	22	1.7
55.2719	374.458683	381.919514	60.7	0.000937	0.00013	0.00005	22	1.4
45.4719	369.079219	385.185101	61	0.00074	0.00014	0	22	1.8
21.10562	363.699754	385.7	61.4	0.00034	0.00009	0	22	1.9
19.42344	358.32029	385.7	62.1	0.000162	0.00009	0	22	2.6
16.07222	352.822181	373.978493	62.7	0.000099	0.00008	0	22	2.7
14.2414	336.656849	385.633333	62.5	0.000066	0.00006	0.00002	22	2.3
13.59935	320.491517	384.657895	62	0.000043	0.00005	0	22	2.3
13.06896	304.326185	384.1	61.4	0.00003	0.00005	0	22	2.3
12.66367	288.160853	384.1	60.9	0.000021	0.00005	0	22	2.2
12.33	278.772363	346.935256	60.4	0.000017	0.00004	0	22	2.1
16.64543	279.98355	382.953644	59.9	0.000019	0.00004	0	22	1.4
18.84411	281.194737	383.261417	59.5	0.000027	0.00004	0	22	1.4
21.7869	282.405924	382.775087	59	0.00006	0.00005	0.00001	22	1.4
27.74383	283.617111	357.634321	58.7	0.000157	0.00004	0	22	0.9
28.13154	282.372309	377.085133	58.5	0.000242	0.00005	0.00005	22	1.2
20.42454	280.690695	383.4	58.5	0.00027	0.00004	0	22	1.1
17.01729	279.009081	383.4	58.7	0.000217	0.00004	0.00001	22	1.2
13.61427	277.327466	383.4	58.9	0.000142	0.00003	0.00001	22	1.2
12.51144	273.128804	345.675	58.9	0.000095	0.00004	0.00001	22	1.6
17.65739	264.97663	382.6	58.7	0.000075	0.00004	0.00002	22	1.8
19.20314	256.824457	382.6	58.4	0.000059	0.00006	0	22	1.9
14.26915	248.672283	381.446334	58.1	0.000039	0.00004	0.00001	22	1.8
12.34681	240.520109	350.619764	57.8	0.000036	0.00004	0	22	1.7
11.7051	235.096103	368.12156	57.7	0.000032	0.00003	0	22	1.6
11.60201	230.401683	380.16636	57.5	0.000026	0.00004	0	22	2
11.44582	225.707263	379.4	56.8	0.00002	0.00003	0	22	1.7
11.25735	221.012843	379.4	56.1	0.000015	0.00003	0	22	1.7
11.39114	217.374632	309.644174	55.7	0.000013	0.00003	0	22	1.5
11.50793	216.549108	378.059739	55.5	0.00001	0.00003	0	22	1.5
11.23982	215.723583	377.584706	55.3	0.000009	0.00002	0	22	1.2
11.57184	214.898059	377.1	55	0.000009	0.00004	0	22	1.8
20.84221	214.072535	342.655391	54.6	0.000018	0.00005	0	22	1.7
20.92468	238.36479	362.395066	54.4	0.000076	0.00006	0	22	1.5
31.4585	269.293729	376.4	54.2	0.000235	0.00006	0	22	1.1

219.294832	1	1.32722
227.907906	1	1.32732
232.528838	1	1.32741
234.91392	1	1.32753
237.299003	1	1.32768
239.684085	1	1.32779
240.641101	1	1.32792
193.782517	1	1.32803
146.923934	1	1.32813
100.06535	1	1.32821
53.206766	1	1.32829
19.920455	1	1.32838
23.329545	1	1.32846
26.738636	1	1.32853
30.147727	1	1.32859
33.556818	1	1.32863
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120.489813	1	1.32876
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175.173856	1	1.32888
169.945098	1	1.32893
164.71634	1	1.32896
159.487582	1	1.32899
154.258824	1	1.32904
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241.543977	1	1.32918
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355.758233	1	1.32938
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360.977778	1	1.32965
276.533333	1	1.32974
192.088889	1	1.32983
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44.003914	1	1.32997
36.611002	1	1.33002
29.218091	1	1.33007
21.825179	1	1.33012
14.432268	1	1.33016
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68.29709	1	1.33024
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29.737805	1	1.33067
30.391115	1	1.33071
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21.413245	1	1.33081
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12.141722	1	1.33087
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108.838854	1	1.33096
147.782453	1	1.33101
186.246234	1	1.33107
218.335298	1	1.33113

10:50:14.224	191.6	87.9	1442
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44.67503	300.222667	376.4	54.3	0.000497	0.00005	0	22	0.7
42.73468	331.151605	376.017872	54.6	0.000682	0.00002	0	22	0.2
40.69773	358.555	367.270909	55.1	0.00073	0.00003	0	22	0.4
31.44231	359.857521	374.318333	56	0.000549	0.00007	0	22	1.2
25.64773	361.160042	372.858182	56.9	0.000441	0.00008	0	22	1.6
28.70818	362.462563	371.732537	57.8	0.000408	0.00008	0	22	1.8
19.56662	363.765084	370.210938	58.4	0.000366	0.00006	0	22	1.3
23.01537	364.546972	367.934128	58.8	0.00033	0.00006	0.00001	22	1.4
19.70757	364.399261	368.905739	59.2	0.000288	0.00006	0.00004	22	1.5
26.43253	364.251551	367.38713	59.4	0.000308	0.00006	0.00004	22	1.4
28.27913	364.10384	365.37397	59.5	0.000372	0.00007	0.00006	22	1.5
34.50873	363.95613	364.485281	59.4	0.000492	0.00007	0.00004	22	1.2
36.46091	364.100864	363.427368	59.4	0.000567	0.00008	0.00009	22	1.3
36.09204	364.424838	361.874021	59.6	0.000566	0.00007	0.00008	22	1.2
27.76532	364.748812	359.856623	60	0.000472	0.00007	0	22	1.3
21.04511	365.072786	358.076757	60.4	0.000336	0.00007	0.00002	22	1.7
21.91296	365.39676	360.586438	60.9	0.000299	0.00007	0	22	1.9
22.79698	367.290695	356.012258	61.2	0.000293	0.00008	0.00003	22	1.9
30.20658	369.200488	354.390143	61.1	0.00034	0.00006	0.00002	22	1.4
31.75691	371.11028	353.063158	61	0.000401	0.00006	0.00002	22	1.2
32.63009	373.020073	351.216667	60.9	0.000469	0.00006	0.00002	22	1.1
32.02381	374.543453	360.823301	60.9	0.00047	0.00007	0	22	1.3
23.60693	370.770695	348.875584	61.1	0.000373	0.00006	0	22	1.3
22.70225	366.997938	347.512195	61.3	0.000325	0.00005	0	22	1.1
23.24166	363.225181	346.105409	61.5	0.00031	0.00006	0.00003	22	1.5
27.72555	359.452424	344.826594	61.5	0.000358	0.00007	0.00004	22	1.5
35.85763	357.11594	346.971748	61.5	0.000473	0.00011	0.00005	22	1.9
36.42222	356.164937	342.020325	61.3	0.000559	0.00011	0.00003	22	1.7
33.46172	355.213934	340.488175	61.3	0.000486	0.00007	0	22	1.3
21.03751	354.262932	339.397796	61.5	0.000345	0.00007	0.00001	22	1.6
21.81089	353.311929	340.62274	61.9	0.000284	0.00007	0.00001	22	1.8
19.23102	342.379478	338.82855	62.1	0.000207	0.00007	0.00003	22	2
19.3556	326.57513	336.075133	62	0.000166	0.00006	0.00001	22	1.8
15.69599	310.770783	335.756842	61.7	0.000126	0.00006	0.00003	22	2
13.44727	294.966435	334.807032	61.4	0.000083	0.00004	0.00002	22	1.7
12.27726	279.890529	310.405	60.9	0.000058	0.00003	0.00002	22	1.6
11.7539	274.203435	332.894282	60.2	0.000039	0.00004	0.00002	22	2.1
11.37334	268.516342	332.4	59.7	0.000027	0.00004	0	22	1.9
12.44522	262.829248	331.6	57.2	0.000026	0.00005	0.00002	22	1.9
19.31675	257.142154	313.690467	54.9	0.000042	0.00005	0	22	1.6
25.09889	275.008958	324.45372	53.9	0.000122	0.00006	0.00002	22	1.6
31.90145	300.151574	330.160519	53.4	0.0003	0.00004	0.00002	22	0.7
40.05312	325.29419	329.164617	53.1	0.000551	0.00001	0.00001	22	0.2
35.88737	350.436805	328.7	52.9	0.000613	0.00004	0.00001	22	0.6
26.67588	374.520993	347.703989	52.9	0.000526	0.00006	0	22	1.1
23.81324	365.520781	327.9	53.2	0.000456	0.00006	0.00001	22	1.2
20.47068	356.520569	327.668206	53.3	0.000333	0.00005	0	22	1.4
19.43053	347.520357	327.2	53.1	0.000287	0.00006	0.00002	22	1.8
12.85866	338.520144	327.2	52.8	0.000184	0.00004	0.00001	22	1.6
9.39841	327.762419	328.869434	52.3	0.000137	0.00003	0.00002	22	1.5
9.36611	313.269978	326.241045	51.6	0.000113	0.00002	0.00002	22	1.4
10.68427	298.777538	325.8	50.1	0.000089	0.00003	0.00001	22	1.5
9.97794	284.285097	325.8	47.6	0.000062	0.00003	0.00001	22	1.5
10.15606	269.792657	314.635	44.4	0.000046	0.00002	0	22	1.3
10.19177	260.635496	315.559633	42	0.000035	0.00002	0.00001	22	0.9
9.60353	253.875345	324.4	39.4	0.000025	0.00002	0.00001	22	1.5
8.87308	247.115195	324.173624	36.7	0.000018	0.00002	0.00001	22	1.6
8.65123	240.355044	323.6	34.3	0.000014	0.00002	0	22	1.6
7.63432	233.594893	293.35968	32.2	0.000012	0.00001	0	22	1.1
7.56877	234.29677	323.12253	29.6	0.00001	0.00001	0.00001	22	0.8
6.85837	235.718667	322.753026	26.3	0.000009	0.00002	0	22	1.4
10.28656	237.140565	322.1	22.2	0.000012	0.00002	0	22	1.3
14.64229	238.562462	322.1	17	0.000022	0.00003	0	22	1.3

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156.55	1	1.33152
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107.230769	1	1.33246
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114.138816	1	1.33288
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21.913043	1	1.33346
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216.537288	1	1.33379
229.884746	1	1.33385
221.058726	1	1.33391
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134.623656	1	1.33402
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26.697973	1	1.33411
22.557638	1	1.33414
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8.352596	1	1.33425
7.515075	1	1.33427
6.677554	0	1.33428
26.905089	0	1.33429
136.355816	0	1.33431
245.806543	0	1.33433
355.25727	0	1.33436

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10:52:17.224		50.9	1342
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10:52:19.224	191	56.1	1340

36.40715	239.984359	291.172684	11.8	0.000195	0.00005	0	22	1
55.97969	278.781132	322.8	7.7	0.000591	0.00003	0	22	0.3
52.414	317.993601	323.059205	6.7	0.000794	0	0	22	0
65.33414	357.206071	324.4	8.2	0.000873	0.00003	0.00011	22	0.3
78.98569	396.41854	324.873981	11.4	0.001188	0.00015	0	22	1.2
80.16812	431.460189	374.964054	14.5	0.001294	0.00016	0	22	1.2
60.73338	433.76275	325.241932	17.2	0.001044	0.00017	0	22	1.5
45.61193	436.065311	325.8	20.6	0.000706	0.00017	0	22	2.1
36.82107	438.367872	325.8	24.2	0.000549	0.00012	0	22	1.8
40.35671	440.670433	325.124941	26.9	0.000664	0.00012	0	22	1.6
57.13641	443.149609	354.3	28.5	0.000954	0.00012	0.00009	22	1.2
60.34764	445.831173	325.622794	29.7	0.001026	0.00008	0	22	0.8
47.82963	448.512737	325.117095	30.9	0.000743	0.00007	0	22	0.9
40.04077	451.194302	325.1	32.5	0.000595	0.00012	0	22	1.8
34.02502	453.875866	372.642947	34.2	0.000489	0.0001	0	22	1.7
25.57195	447.161461	325.043042	35.4	0.000417	0.00008	0	22	1.6
25.92759	440.361724	324.620685	36.3	0.000393	0.00007	0.00001	22	1.5
26.99124	433.561987	324.545122	37.1	0.000409	0.00006	0.00001	22	1.2
26.8672	426.76225	324.4	37.5	0.000417	0.00004	0	22	0.9
24.78162	419.116663	355.019236	37.9	0.000374	0.00003	0	22	0.8
23.5832	410.358939	323.865721	38.2	0.00037	0.00004	0	22	1
22.41842	401.601215	323.6	38.9	0.000347	0.00004	0.00002	22	1
23.16269	392.84349	323.6	39.2	0.000324	0.00005	0.00002	22	1.2
22.69885	384.085766	335.829865	39.1	0.000304	0.00006	0.00003	22	1.5
22.81911	375.078916	329.097585	39.2	0.000285	0.00006	0.00002	22	1.6
21.09974	365.984079	323.567222	39.1	0.000262	0.00006	0.00001	22	1.7
19.08921	356.889242	322.8	39.2	0.000229	0.00006	0.00005	21.8	1.6
17.56487	347.794405	322.8	52.4	0.000203	0.00005	0.00001	21	1.7
17.9619	338.128925	330.483241	42.3	0.000172	0.00003	0.00005	21	1.2
13.07157	323.846429	323.446364	39	0.000129	0.00003	0.00002	21	1.2
11.99855	309.563933	322.8	38.9	0.000095	0.00003	0.00002	21	1.6
11.70687	295.281437	322.78266	38.7	0.000068	0.00003	0.00001	21	1.7
11.47446	280.998941	314.333109	38.2	0.000049	0.00003	0.00001	21	1.5
11.28766	271.432481	316.142006	38	0.000036	0.00003	0.00001	21	1.6
10.86075	264.178354	321.483369	37.9	0.000027	0.00003	0	21	1.6
10.6823	256.924227	321.4	37.7	0.000022	0.00002	0.00002	21	1.1
11.33402	249.6701	321.978505	37.1	0.000021	0.00002	0.00001	21	0.9
10.2309	243.899289	295.142402	35.5	0.000018	0.00002	0.00002	21	0.9
9.92186	240.654123	321.4	33.1	0.000016	0.00002	0.00003	21	1.5
9.43481	237.408958	321.4	30.3	0.000015	0.00002	0.00002	21	1.3
9.16947	234.163792	321.187166	27.4	0.000013	0.00002	0.00004	21	1.2
18.31028	230.918626	293.424359	23.7	0.000039	0.00003	0.00007	21	0.8
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61.75329	318.28948	322.643101	16	0.000804	0.00004	0.00001	21	0.3
82.86855	365.210634	326.355354	14.6	0.001302	0.00008	0.00002	21	0.5
88.32142	412.131788	332.419512	15	0.001556	0.00019	0	21	1.2
118.42183	441.889086	360.448696	19.3	0.001976	0.00047	0	21	2.3
112.41863	452.291398	334.242963	20.3	0.001692	0.00072	0	21	4
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76.1251	473.096021	338.424169	26.8	0.001127	0.00054	0	21	4.2
51.75387	483.498333	393.192005	30.1	0.000821	0.00034	0	21	3.7
61.26411	479.00924	339.791631	33.4	0.001014	0.00032	0	21	3
64.54283	474.075398	340.4	35.7	0.001108	0.00026	0	21	2.3
43.34451	469.141556	341.66	37.2	0.000565	0.00017	0	21	2.5
21.85323	464.207715	341.105218	38.2	0.000414	0.00014	0	21	2.6
35.18123	457.026842	376.067021	40.2	0.000478	0.00018	0.00001	21	3.1
34.44994	447.704268	341.8	41.2	0.000508	0.00015	0.00003	21	2.7
29.82661	438.381695	341.211272	40.8	0.000442	0.0001	0	21	2
18.48041	429.059121	341.25957	42.2	0.0003	0.00006	0.00002	21	1.9
16.955	419.736547	358.358796	42.9	0.000246	0.00007	0.00002	21	2.2
16.8	412.451917	347.609186	43.2	0.000222	0.00006	0.00003	21	1.9
20.91629	405.667257	340.420882	43.4	0.000229	0.00007	0.00004	21	2.2
20.06928	398.882596	341.1	43.6	0.000234	0.00008	0.00004	21	2.3

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102.329906	1	1.34156
107.042845	1	1.34163
111.755784	1	1.34171

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10:53:18.224	193.4	35.5	1480
10:53:19.224	193.7	61.1	1471
10:53:20.224	194.1	89.3	1483
10:53:21.224	194.5	90.4	1509
10:53:22.224	194.9	90.9	1544

21.82153	392.097935	341.1	43.7	0.000263	0.00006	0.00007	21	1.7
23.848	385.551915	359.869418	43.5	0.000306	0.00007	0.00001	21	1.8
25.97705	382.953931	341.1	43.5	0.000344	0.00008	0.00001	21	1.8
21.24808	380.355946	341.49962	43.4	0.000317	0.00005	0	21	1.3
17.87149	377.757962	341.105255	43.4	0.000281	0.00006	0	21	1.7
23.09659	375.159978	344.771858	43.4	0.000293	0.00007	0	21	1.8
30.05569	372.779108	348.773163	43.5	0.000362	0.00009	0	21	1.9
27.8241	370.54787	341.586794	43.4	0.000398	0.00007	0.00001	21	1.5
22.18078	368.316633	342.446572	43.9	0.00036	0.00008	0	21	2
17.08399	366.085396	341.946495	44.1	0.000277	0.00005	0.00004	21	1.5
15.85646	363.854158	345.783037	44.3	0.000226	0.00005	0	21	1.6
14.83833	361.026622	345.702314	44.4	0.000173	0.00005	0.00001	21	2.1
15.40691	357.894631	342.469485	44.2	0.000145	0.00005	0.00001	21	1.8
20.98	354.76264	342.106577	44	0.000174	0.00007	0	21	1.8
25.48606	351.630649	342.036797	43.4	0.000208	0.00007	0.00005	21	1.7
24.20005	348.763748	345.694875	43	0.000277	0.00008	0	21	1.9
21.64293	347.012434	343.3	43.1	0.000306	0.00005	0.00002	21	1.3
17.95	345.261121	343.3	43.2	0.000288	0.00003	0	21	0.9
17.04833	343.509807	344	43.4	0.000261	0.00003	0.00001	21	1
17.01274	341.758494	343.775889	43.4	0.000221	0.00004	0.00002	21	1.4
16.53402	335.612664	343.392115	43.4	0.000194	0.00003	0.00002	21	1.1
15.78256	326.818856	344	43.4	0.00018	0.00004	0.00003	21	1.5
15.23531	318.025048	344	43.2	0.000159	0.00005	0	21	2.1
13.84036	309.231241	344	43	0.000151	0.00005	0.00004	21	1.8
15.37603	300.437433	327.725412	42.8	0.000126	0.00004	0.00001	21	1.8
11.14375	290.593272	344.685591	42.6	0.000091	0.00004	0.00005	21	2
10.10119	280.719965	344.194724	42.2	0.00007	0.00004	0.00003	21	2.1
10.26353	270.846658	344.363314	41.9	0.000056	0.00004	0	21	2.1
10.58395	260.973351	344	41.5	0.000045	0.00003	0.00001	21	1.9
9.92855	253.282609	312.20143	38.2	0.000033	0.00003	0	21	1.6
9.59442	248.934783	343.3	34.2	0.000027	0.00002	0.00001	21	1.3
10.17979	244.586957	343.3	30.4	0.000022	0.00002	0	21	1.4
9.54173	240.23913	343.331647	26.8	0.000016	0.00002	0	21	1.5
10.18584	235.891304	334.268955	23.1	0.000014	0.00002	0.00001	21	1.6
11.06617	236.229565	326.189535	19.3	0.000015	0.00003	0	21	1.4
12.83722	239.273043	343.3	15.8	0.000018	0.00004	0.00001	21	1.8
10.46455	242.316522	343.94829	11.5	0.000023	0.00002	0	21	1.4
10.46578	245.36	343.540788	6.4	0.000033	0.00002	0.00001	21	1.2
10.51292	248.403478	319.64753	3.7	0.000051	0.00002	0	21	1
26.1212	280.962783	335.570596	2.5	0.000233	0.00004	0.00003	21	0.8
67.51117	320.717488	345.380064	1.6	0.000984	0.00008	0.00005	21	0.6
92.01451	360.472193	347.96511	1.7	0.001371	0.00018	0.00018	21	1.2
65.70657	400.226898	350.327831	3	0.000999	0.00024	0.00006	21	2.1
58.56492	439.971046	389.613223	3.3	0.001048	0.00023	0	21	2.1
84.17696	479.584997	353.359425	12.7	0.001402	0.0003	0.00026	21	2.4
103.49007	519.198947	354.5	17.1	0.00208	0.00097	0.00023	21	5.4
131.71287	558.812898	355.923529	19.9	0.002691	0.00498	0.00021	21	20.7
161.48462	598.426848	358.387634	21.6	0.002747	0.01112	0	21	41.7
139.21386	607.756474	433.384545	27.2	0.001848	0.00955	0.00002	21	49.7
118.22962	588.679874	364.912367	32.8	0.001936	0.00772	0	21	38.7
107.77398	569.603274	368.366453	41	0.001545	0.0044	0	21	26.1
73.04216	550.526674	371.364423	42.6	0.001031	0.002	0	21	16.9
46.86448	531.450073	408.048649	44.8	0.000674	0.00092	0	21	11
35.4126	509.812262	381.88006	47.1	0.000431	0.0004	0	21	7.1
20.22393	487.32526	373.2	48.6	0.000296	0.00018	0	21	4.4
20.28305	464.838258	373.2	49.4	0.000236	0.00011	0	21	3.1
16.98241	442.351256	373.2	49.2	0.000186	0.0001	0	21	3.2
16.82354	423.919326	397.024444	49.1	0.000158	0.00008	0	21	2.9
16.62134	431.469888	373.2	48.9	0.000157	0.00009	0.00001	21	3
24.40129	439.020449	373.2	48.4	0.000239	0.00012	0	21	2.7
42.3353	446.571011	373.2	47.9	0.000442	0.00013	0.00002	21	2
56.11338	454.121573	388.719057	47.5	0.000908	0.00013	0	21	1.4
55.78743	459.501518	390.567185	47.3	0.001047	0.00014	0.00002	21	1.4

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125.93537	1	1.34219
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111.33543	1	1.34234
103.421469	1	1.34239
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111.287478	1	1.34254
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192.034671	1	1.34281
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141.009812	1	1.34287
115.497383	1	1.34291
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87.827692	1	1.34303
88.267253	1	1.34308
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67.633255	1	1.3432
51.604189	1	1.34324
35.575123	1	1.34327
19.546057	1	1.3433
16.245976	1	1.34332
19.680189	1	1.34334
23.114402	1	1.34336
26.548616	1	1.34338
29.982829	0	1.34341
68.129562	0	1.34345
106.45073	0	1.34347
144.771898	0	1.34349
183.093066	1	1.34351
220.864952	1	1.34355
250.467373	1	1.34363
280.069793	1	1.34381
309.672213	1	1.34405
339.274633	1	1.34428
405.287554	1	1.34458
518.592275	1	1.34555
631.896996	1	1.35053
745.201717	1	1.36165
858.506438	1	1.3712
782.760509	1	1.37892
652.128907	1	1.38332
521.497305	1	1.38532
390.865704	1	1.38624
273.750916	1	1.38664
242.507649	1	1.38682
211.264383	1	1.38693
180.021116	1	1.38703
148.77785	1	1.38711
188.423449	1	1.3872
300.390013	1	1.38732
412.356577	1	1.38745
524.323141	1	1.38758
636.289705	1	1.38772

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10:53:30.224	198.1	28.4	1341
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10:53:32.224	198.8	61.2	1335
10:53:33.224	199.2	63.7	1331
10:53:34.224		69.1	1331
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10:53:38.224		82	1357
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10:53:42.224	196.6	80.2	1396
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10:53:49.224	194.4	76.9	1329
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10:54:06.224		0	1126
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10:54:08.224		7.8	1161
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10:54:10.224	189.9	23.4	791
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10:54:14.224	189.6	37.1	679
10:54:15.224	189.5	37.2	678
10:54:16.224	189.5	37	679
10:54:17.224	189.4	36.7	682
10:54:18.224	189.3	35.7	681
10:54:19.224	189.3	36.1	680
10:54:20.224	189.2	35.7	680
10:54:21.224	189.2	40.7	711
10:54:22.224	189.1	56.4	984
10:54:23.224	189	58.1	1062
10:54:24.224	189	61.2	1143
10:54:25.224	188.9	78.8	1463

40.10194	463.883297	379.722364	47.8	0.000592	0.00018	0	21	3
23.79985	468.265076	381.05513	48.7	0.000435	0.00015	0	21	3
28.36275	472.646855	382.220772	49.9	0.000428	0.00014	0	21	2.9
37.0823	475.951455	424.221154	50.4	0.000535	0.00011	0	21	2.1
27.34529	465.970856	384.20627	50.9	0.000557	0.00008	0.00003	21	1.4
23.76841	455.990257	384.9	51	0.000482	0.00006	0	21	1.2
21.56262	446.009657	384.9	51.3	0.000363	0.00005	0.00001	21	1.3
14.27499	436.029058	385.618192	51.6	0.000271	0.00004	0	21	1.1
19.23656	428.32	399.015611	51.8	0.000254	0.00004	0	21	1.2
21.51625	423.549358	386.256505	51.8	0.00024	0.00005	0	21	1.4
21.60028	418.778716	386.498694	51.7	0.000251	0.00007	0	21	1.9
22.80979	414.008073	387.2	51.6	0.000293	0.00006	0	21	1.5
24.99531	410.558054	397.459697	51.6	0.000371	0.00005	0	21	1.1
35.77083	423.164034	388.846042	51.4	0.000515	0.00005	0.00002	21	0.9
38.39145	435.770013	390.029412	51.2	0.000653	0.00003	0	21	0.5
37.31758	448.375993	391.105687	51.4	0.000689	0.00003	0	21	0.5
33.56456	460.981972	400.142877	51.8	0.000625	0.00007	0	21	1.1
34.01837	465.890672	409.689855	52.1	0.000611	0.00008	0	21	1.3
32.40357	465.538267	394.2	52.5	0.000588	0.00005	0	21	0.9
32.21041	465.185862	395.590909	53	0.000569	0.00006	0	21	1.1
29.88788	464.833458	395.141346	53.3	0.000539	0.00006	0	21	1.2
23.86034	464.481053	411.717534	53.5	0.000441	0.00003	0	21	0.7
19.3652	458.021964	399.578006	53.8	0.000336	0.00003	0	21	0.9
20.30164	449.7388	395.7	53.9	0.00032	0.00004	0	21	0.9
25.26936	441.455636	395.959283	53.6	0.000325	0.00005	0	21	1.2
25.00074	433.172472	396.6	52.9	0.000355	0.00004	0.00002	21	0.9
29.32885	424.889309	406.602982	52.3	0.000416	0.00003	0	21	0.5
31.67655	424.178041	396.6	51.9	0.00049	0.00005	0.00002	21	1
32.01342	423.840203	396.784769	51.5	0.000542	0.00003	0	21	0.6
25.04125	423.502365	397.4	51.4	0.000501	0.00003	0	21	0.6
19.31093	423.164527	397.4	51.4	0.000344	0.00003	0	21	0.7
18.364	418.912952	409.405837	51.6	0.000274	0.00003	0	21	0.9
14.5562	400.539458	397.138112	51.4	0.000176	0.00002	0.00001	21	0.9
9.69684	382.165964	396.6	51.1	0.000132	0.00002	0	21	1.2
8.29908	363.79247	395.237113	50.6	0.0001	0.00002	0.00001	21	1
9.53544	345.418976	388.660787	49.9	0.000077	0.00002	0	21	1.3
8.76713	331.763521	383.045902	48.6	0.000059	0.00002	0.00001	21	1.6
9.64522	321.681836	393.57295	46.8	0.000049	0.00002	0.00002	21	1.4
9.66236	311.60015	392.7	43	0.000039	0.00002	0	21	1.3
9.12783	301.518465	392.406383	42.2	0.00003	0.00002	0.00002	21	1.2
8.81079	291.43678	360.621256	40.7	0.000025	0.00002	0	21	1.1
9.15127	285.042424	390.106917	38.9	0.000023	0.00001	0.00001	21	1
9.68057	278.981818	390.4	36.6	0.000022	0.00002	0.00001	21	1.1
8.41987	272.921212	390.4	33.7	0.000019	0.00001	0.00001	21	1
8.93355	266.860606	389.912175	27.9	0.000017	0.00002	0.00002	21	1.1
8.97846	261.21961	333.402156	26.6	0.000015	0.00001	0.00002	21	1.1
10.54808	261.516723	388.592423	23.4	0.000015	0.00002	0.00002	21	1
11.00816	261.813837	388.212463	16.7	0.000016	0.00002	0.00001	21	1.1
12.20503	262.110951	388.21581	15.3	0.000017	0.00002	0.00001	21	0.9
12.14484	262.408065	388	12.7	0.000023	0.00001	0	21	0.6
10.53492	263.341239	339.89634	6	0.000029	0.00002	0.00001	21	0.9
10.41556	265.435133	388	4.6	0.000038	0.00002	0	21	1
10.47	267.529028	388	2.5	0.00005	0.00001	0	21	0.6
10.54337	269.622923	387.2	0.5	0.000061	0.00001	0	21	0.8
10.41458	271.716817	360.598338	0.3	0.000069	0.00001	0	21	0.8
10.41876	273.194275	377.349099	0.5	0.000074	0.00001	0.00003	21	0.7
10.33292	274.533657	387.2	0.6	0.000078	0.00001	0	21	0.8
10.36166	275.87304	386.4	0.6	0.000082	0.00001	0.00003	21	0.7
10.28674	277.212422	386.4	0.6	0.000099	0.00002	0	21	1.1
15.34458	280.293939	334.609499	0.7	0.000131	0.00002	0	21	0.8
16.37159	290.9	386.4	0.7	0.000134	0.00003	0	21	1.1
19.3298	301.506061	386.766474	1.2	0.000205	0.00003	0	21	0.7
26.60318	312.112121	387.2	2.5	0.00029	0.00003	0.00001	21	0.7

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15.286157	1	1.38983
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229.161837	0	1.38996
239.495337	0	1.38998
231.471047	1	1.38999
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215.422468	1	1.39001
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191.863792	1	1.39011
174.060275	1	1.39014
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10:54:29.224	188.6	82	2121
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10:54:38.224	190.8	65.7	1854
10:54:39.224	191.1	72.2	1583
10:54:40.224	191.3	36.3	1597
10:54:41.224	191.6	0.5	1485
10:54:42.224	191.9	0	1299
10:54:43.224	192.1	0	1286
10:54:44.224	192.4	0	1271
10:54:45.224	192.6	35.1	1280
10:54:46.224	192.9	64.2	1277
10:54:47.224	193.2	74.5	1284
10:54:48.224	193.4	74.2	1303
10:54:49.224	193.7	68.8	1322
10:54:50.224	194	56.9	1338
10:54:51.224	194.2	23.3	1332
10:54:52.224	194.5	0.4	1336
10:54:53.224	194.7	0	1331
10:54:54.224	195	0	1321
10:54:55.224	195.3	0	1309
10:54:56.224	195.5	0	1300
10:54:57.224	195.8	0	1287
10:54:58.224		0	1274
10:54:59.224		0	1255
10:55:00.224		0	1233
10:55:01.224		0	1212
10:55:02.224		7.2	1198
10:55:03.224		42.2	1187
10:55:04.224		68.7	1180
10:55:05.224	195.3	90.4	1185
10:55:06.224	195.2	91.1	1199
10:55:07.224	195.2	83.9	1212
10:55:08.224	195.1	68.8	1222
10:55:09.224	195	59.6	1222
10:55:10.224	195	71.1	1224
10:55:11.224	194.9	62.4	1226
10:55:12.224	194.8	63.7	1231
10:55:13.224	194.8	55.8	1230
10:55:14.224	194.7	39.1	1220
10:55:15.224	194.6	17.3	1214
10:55:16.224	194.6	53.4	1214
10:55:17.224	194.5	64	1213
10:55:18.224	194.4	68.8	1218
10:55:19.224	194.4	49.1	1222
10:55:20.224	194.3	47.9	1224
10:55:21.224	194.2	16.2	1211
10:55:22.224	194.2	4.4	1201
10:55:23.224	194.1	0	1158
10:55:24.224	194	0	1159
10:55:25.224		0	1461
10:55:26.224		0	1348
10:55:27.224		0	1426
10:55:28.224		0	1323

35.10851	322.718182	387.928421	3.8	0.000409	0.00002	0	21	0.3
43.71401	341.013437	370.691279	5	0.000597	0.00002	0.00001	21	0.3
56.52053	369.255266	388.7	7	0.000815	0.00007	0	21	0.7
67.11884	397.497095	389.537692	8.9	0.001123	0.0001	0	21	0.8
89.71461	425.738923	390.4	11.4	0.001327	0.00026	0	21	1.9
78.215	453.980752	405.572261	14.6	0.001359	0.00048	0	21	3.5
80.68744	462.114943	392.96	17.8	0.001376	0.00068	0	21	4.7
59.59054	463.724138	386.827803	22.1	0.000751	0.00039	0	21	4.3
41.31179	465.333333	385.7	26.4	0.000548	0.00025	0	21	3.5
52.44567	466.942529	384.292751	30	0.000823	0.00017	0	21	1.9
68.23576	468.148015	410.875692	32.2	0.00116	0.00016	0	21	1.4
62.91069	468.760399	380.495131	33.7	0.001089	0.00023	0	21	2.1
46.54302	469.372783	378.290734	35.3	0.000733	0.00019	0	21	2.4
35.08133	469.985167	376.682201	37.5	0.000511	0.00013	0	21	2.2
28.02588	470.59755	410.552373	39.6	0.000413	0.00009	0	21	1.9
16.75872	445.198801	373.960213	41.1	0.000224	0.00003	0	21	1.2
10.69148	419.695589	372.953662	42	0.000126	0.00002	0	21	1.4
9.18361	394.192377	371.851341	42.4	0.000082	0.00002	0.00001	21	1.3
8.50197	368.689165	371.043836	42.1	0.000075	0.00003	0.00002	21	1.6
17.97562	353.277014	362.9571	41.8	0.000077	0.00005	0.00002	21	1.6
20.98048	358.727977	368.877831	41.3	0.000086	0.00005	0.00004	21	1.5
23.64759	364.17894	367.916773	41	0.000158	0.00005	0.00003	21	1.3
23.48738	369.629904	368.598912	41.1	0.000257	0.00003	0.00007	21	0.8
23.41776	375.080867	372.349383	41.1	0.000319	0.00001	0.00003	21	0.3
21.10606	366.647099	366.205124	41.6	0.000324	0	0.00004	21	0
18.01833	353.780475	364.628936	42	0.00029	0	0.00002	21	0
12.32294	340.913851	363.679148	42.5	0.000184	0.00001	0.00003	21	0.3
10.70989	328.047228	363.1	43.1	0.000133	0.00001	0.00006	21	0.5
10.74801	315.466273	342.275	43	0.000098	0.00002	0.00004	21	1.1
10.52472	305.883199	361.352929	42.8	0.000067	0.00002	0.00005	21	1.2
10.10436	296.300124	360	42.6	0.000047	0.00003	0.00001	21	1.5
10.08991	286.71705	359.512727	42.3	0.000034	0.00002	0.00002	21	1.5
9.97697	277.133976	358.565815	42	0.000028	0.00002	0.00002	21	0.9
9.69935	269.009742	320.679897	41.6	0.000024	0.00001	0.00002	21	0.7
9.49494	264.91103	357.243424	41.2	0.000021	0.00001	0.00003	21	0.7
9.3662	260.812318	357.28601	40.7	0.000018	0.00001	0.00002	21	0.9
9.81628	256.713605	356.076196	40.1	0.000019	0.00002	0.00004	21	1.1
16.71109	252.614893	348.210859	39.5	0.00003	0.00004	0.00005	21	1.3
20.96636	265.815375	333.345661	38.9	0.000053	0.00004	0.00008	21	1.2
27.1211	290.263188	355.3	38.3	0.000165	0.00002	0.00004	21	0.5
32.31779	314.711	354.5	38	0.000342	0.00001	0.00006	21	0.1
31.96619	339.158813	354.5	38	0.000503	0	0.00006	21	0
24.72515	363.606626	358.069124	38.1	0.000484	0	0	21	0.1
18.52642	362.224331	353.8	38.5	0.000388	0.00002	0.00001	21	0.4
23.94916	360.528311	353.8	39	0.000341	0.00003	0	21	0.7
19.6733	358.83229	353.35982	39.2	0.000303	0.00004	0	21	1.1
19.37966	357.136269	353	39.2	0.000271	0.00003	0	21	1.1
16.45762	353.523841	354.084186	39.4	0.000249	0.00003	0	21	1.1
16.58419	346.901325	352.558914	39.5	0.000224	0.00004	0	21	1.3
14.20608	340.278808	352.2	39.5	0.000195	0.00003	0.00001	21	1
15.98293	333.656291	352.2	39.6	0.000191	0.00003	0.00004	21	1.2
21.40713	327.033775	348.06434	39.4	0.000208	0.00005	0.00002	21	1.4
21.2767	323.165663	347.923021	39	0.00022	0.00004	0.00005	21	1.3
15.23974	320.433549	352.158771	38.8	0.000225	0.00004	0.00002	21	1.2
16.05532	317.701436	351.774003	38.9	0.000218	0.00004	0.00002	21	1.4
14.74919	314.969322	351.636936	39.1	0.000185	0.00003	0.00003	21	1.4
9.21861	308.54118	337.836053	39.2	0.000141	0.00002	0.00002	21	1.2
8.63544	296.307711	350.6	39.2	0.000112	0.00002	0.00002	21	0.9
9.18844	284.074241	350.6	39	0.0001	0.00002	0	21	1.3
11.68636	271.840771	349.8	38.4	0.000087	0.00003	0.00005	21	1.5
10.67387	259.607301	333.706121	36.7	0.000061	0.00003	0.00003	21	1.5
11.16538	252.033889	336.765441	35.6	0.000045	0.00003	0.00001	21	1.5
10.65729	246.047146	349.160473	31.8	0.000033	0.00004	0	21	2

138.453239	1	1.39019
120.649721	1	1.39021
233.647473	1	1.39028
380.373854	1	1.39038
527.100235	1	1.39064
673.826615	1	1.39112
801.545825	1	1.3918
768.959267	1	1.39219
736.372709	1	1.39244
703.786151	1	1.39261
671.199593	1	1.39277
584.948339	1	1.393
474.247232	1	1.39319
363.546125	1	1.39332
252.845018	1	1.39341
172.610465	1	1.39344
148.708656	1	1.39346
124.806848	1	1.39348
100.905039	1	1.39351
77.00323	1	1.39356
79.682826	1	1.39361
93.378478	1	1.39366
107.07413	1	1.39369
120.769783	1	1.3937
130.364976	1	1.3937
105.738581	1	1.3937
81.112187	1	1.39371
56.485792	1	1.39372
31.859398	1	1.39374
15.773729	1	1.39376
15.138136	1	1.39379
14.502542	1	1.39381
13.866949	1	1.39383
13.231356	1	1.39384
44.646441	1	1.39385
94.404997	1	1.39386
144.163552	1	1.39388
193.922108	1	1.39392
243.680663	1	1.39396
263.454092	1	1.39398
278.865422	1	1.39399
294.276753	1	1.39399
309.688083	1	1.39399
309.721461	1	1.39401
267.320939	1	1.39404
224.920417	1	1.39408
182.519896	1	1.39411
140.119374	1	1.39414
129.70714	1	1.39418
135.265071	1	1.39421
140.823001	1	1.39424
146.380932	1	1.39429
151.938863	1	1.39433
130.713955	1	1.39437
109.191159	1	1.39441
87.668364	1	1.39444
66.145568	1	1.39446
52.290019	1	1.39448
42.245138	1	1.3945
32.200256	1	1.39453
22.155375	1	1.39456
12.110494	1	1.39459
10.912709	1	1.39463

10:55:29.224		0	1232
10:55:30.224		0	1167
10:55:31.224		14.2	755
10:55:32.224	195	24.5	841
10:55:33.224	195.1	47.7	1121
10:55:34.224	195.2	80.4	1657
10:55:35.224	195.4	79.5	1909
10:55:36.224	195.5	77.2	2214
10:55:37.224	195.6	83.3	2586
10:55:38.224	195.8	80.9	2696
10:55:39.224	195.9	78.7	2702
10:55:40.224	196	64.9	2326
10:55:41.224	196.2	81.3	2001
10:55:42.224	196.3	72.3	2109
10:55:43.224	196.4	26.2	2152
10:55:44.224	196.6	32	1947
10:55:45.224	196.7	60.2	1724
10:55:46.224	196.8	73.1	1505
10:55:47.224	197	74.7	1520
10:55:48.224	197.1	73.3	1540
10:55:49.224	197.2	66.2	1553
10:55:50.224	197.4	58.7	1556
10:55:51.224	197.5	53.7	1555
10:55:52.224		45.9	1524
10:55:53.224		18.2	1259
10:55:54.224		23	1263
10:55:55.224		35.5	1251
10:55:56.224		39.4	1244
10:55:57.224		47	1242
10:55:58.224		63.1	1239
10:55:59.224		78.5	1245
10:56:00.224	196.5	85.5	1260
10:56:01.224	196.4	75	1267
10:56:02.224	196.3	66.8	1280
10:56:03.224	196.1	65	1291
10:56:04.224	196	59.8	1294
10:56:05.224	195.9	58.4	1296
10:56:06.224	195.8	41.5	1285
10:56:07.224	195.6	23.7	1267
10:56:08.224	195.5	22.1	1262
10:56:09.224	195.4	33.2	1251
10:56:10.224	195.2	48	1243
10:56:11.224	195.1	66	1245
10:56:12.224	195	76.5	1248
10:56:13.224	194.8	80.1	1269
10:56:14.224	194.7	71	1277
10:56:15.224	194.6	52.7	1282
10:56:16.224	194.5	44.9	1279
10:56:17.224	194.3	49.1	1277
10:56:18.224	194.2	50.5	1274
10:56:19.224	194.1	41.7	1267
10:56:20.224		18.5	1255
10:56:21.224		15.8	1246
10:56:22.224		9.3	1230
10:56:23.224		0	1199
10:56:24.224		0	1137
10:56:25.224		0	1402
10:56:26.224		0	1370
10:56:27.224	193	0	1325
10:56:28.224	192.9	0	1232
10:56:29.224	192.7	0	1249
10:56:30.224	192.6	7.4	954
10:56:31.224	192.5	26.8	788

9.69408	240.060402	349.1	28.4	0.000024	0.00003	0	21	2
9.22673	234.073658	349.1	26.3	0.000018	0.00002	0.00001	21	1.5
10.28266	229.798505	296.010705	24	0.000015	0.00002	0	21	1.4
12.73112	248.617422	348.4	21.4	0.000018	0.00002	0.00001	21	1
17.20026	267.436339	348.4	19.3	0.000046	0.00003	0	21	0.9
42.83846	286.255256	348.793514	13.3	0.000224	0.00007	0	21	1.2
51.13866	305.074173	333.55507	11.1	0.000674	0.00007	0	21	0.7
103.45435	348.075885	351.556066	10.9	0.001639	0.00017	0	21	0.9
128.86321	391.371315	351.978468	12.6	0.002047	0.00081	0	21	3.7
132.94406	434.666745	351.5	15	0.002123	0.00156	0	21	6.9
128.17412	477.962175	350.685967	19.1	0.001959	0.0019	0	21	9
96.55773	501.847354	408.080273	23.7	0.001385	0.00128	0	21	8.4
93.58095	485.784215	348.620108	27.6	0.001452	0.00108	0	21	7.1
89.39129	469.721077	348.4	30.1	0.001371	0.00101	0	21	6.5
50.98088	453.657939	348.4	34.1	0.000559	0.00048	0.00001	21	5.9
29.08805	437.807926	382.730047	37	0.000243	0.00029	0.00002	21	5.5
30.1484	432.961921	346.2	39.2	0.000198	0.00022	0	21	4.5
28.16586	428.115916	345.989446	39.6	0.000263	0.00014	0.00003	21	3
29.10787	423.269912	345.931759	39.4	0.000354	0.00011	0	21	2.3
28.87418	418.423907	345.546174	39.4	0.0004	0.00008	0	21	1.7
24.61383	411.393317	370.509675	39.6	0.000377	0.00007	0	21	1.6
23.31785	400.737245	345.165282	47.5	0.000352	0.00006	0	21	1.5
22.35074	390.081174	344.8	43	0.000323	0.00007	0.00001	21	1.9
22.15006	379.425102	344.8	41.5	0.000285	0.00008	0.00003	21	2
18.09486	368.76903	344.370556	41.2	0.000219	0.00006	0.00005	21	1.8
14.08084	359.683276	348.647768	41.3	0.000156	0.00004	0.00003	21	1.5
13.80042	352.382582	343.3	41.2	0.000118	0.00004	0.00004	21	1.5
13.97675	345.081889	342.5	41	0.000096	0.00004	0.00002	21	1.8
15.92434	337.781196	342.283591	40.6	0.000105	0.00004	0.00002	21	1.5
20.66569	330.480503	338.451434	40.4	0.00015	0.00004	0.00003	21	1.2
24.90435	338.39663	341.741313	40.3	0.000247	0.00005	0.00001	21	1.2
29.3	348.956055	341.881159	40.3	0.000356	0.00005	0.00004	21	1.1
26.10916	359.51548	342.098529	40	0.000412	0.00003	0	21	0.7
22.45332	370.074905	342.469811	40.1	0.000383	0.00003	0.00001	21	0.6
21.26148	373.595626	354.148024	40.5	0.00034	0.00002	0	21	0.5
20.05363	366.602176	342.153011	40.9	0.000303	0.00003	0	21	0.8
19.28471	359.608726	342.5	41.2	0.000274	0.00004	0.00001	21	1.1
15.36064	352.615276	342.427358	41.5	0.000237	0.00002	0	21	0.8
15.34592	345.621825	342.161644	41.5	0.000209	0.00003	0.00002	21	1.1
14.21217	341.192653	342.182609	41.5	0.000175	0.00004	0	21	1.6
13.65333	338.037943	341.8	41.3	0.000139	0.00003	0.00002	21	1.4
16.12531	334.883232	341.8	41.3	0.000137	0.00004	0.00001	21	1.4
20.70737	331.728522	341.8	40.6	0.000179	0.00005	0.00003	21	1.3
24.22075	328.867033	336.497619	40.1	0.000262	0.00005	0.00003	21	1.1
28.00352	333.042857	341.959167	39.9	0.000354	0.00003	0	21	0.6
25.36821	337.218681	342.5	40	0.000398	0.00002	0	21	0.5
19.73059	341.394505	342.5	40.3	0.000339	0.00002	0	21	0.6
16.11322	345.57033	343.44993	40.9	0.000275	0.00001	0.00001	21	0.4
15.74042	343.268696	344.545992	41.1	0.000227	0.00003	0	21	0.9
16.41977	334.225217	343.3	41.2	0.000198	0.00003	0.00005	21	1.1
16.5789	325.181739	342.532675	41.1	0.000173	0.00002	0.00005	21	0.8
14.4489	316.138261	342.5	40.9	0.00016	0.00002	0.00005	21	0.9
14.15496	307.094783	331.159805	40.5	0.000144	0.00002	0.00003	21	0.7
13.61116	296.934271	342.477165	40.3	0.000117	0.00003	0	21	1.2
10.03812	286.635699	343.166667	40.3	0.000086	0.00003	0.00002	21	1.6
9.13836	276.337127	342.090377	39.8	0.000064	0.00002	0	21	1.3
10.52356	266.038555	342.359507	39.3	0.000056	0.00003	0.00004	21	1.5
10.96987	256.958956	306.94875	38.2	0.000046	0.00003	0.00003	21	1.5
10.42635	251.20879	341.8	36.1	0.000034	0.00002	0.00002	21	1.1
9.76531	245.458625	341.280208	32.8	0.000025	0.00002	0.00002	21	1.1
9.6478	239.70846	341.696905	29.4	0.00002	0.00002	0.00001	21	1
7.79723	233.958295	323.841943	25.5	0.000016	0.00001	0.00002	21	0.9
9.82141	233.741517	332.148235	21.6	0.000017	0.00001	0.00002	21	0.9

9.813325	1	1.39466
8.71394	1	1.39468
7.614556	0	1.3947
29.192667	0	1.39472
79.516175	0	1.39475
129.839684	0	1.39482
180.163192	0	1.39489
224.348103	0	1.39506
251.766396	0	1.39587
279.18469	1	1.39743
306.602983	1	1.39933
334.021277	1	1.40061
310.985267	1	1.40169
267.240934	1	1.4027
223.4966	1	1.40318
179.752267	1	1.40347
149.96075	1	1.40369
153.195601	1	1.40383
156.430451	1	1.40394
159.665301	1	1.40402
162.900151	1	1.40409
150.446795	1	1.40415
129.911637	1	1.40422
109.376478	1	1.4043
88.841319	1	1.40436
68.306161	1	1.4044
80.428662	1	1.40444
98.818009	1	1.40448
117.207356	1	1.40452
135.596703	1	1.40456
152.218919	1	1.40461
154.245946	1	1.40466
156.272973	1	1.40469
158.3	1	1.40472
160.327027	1	1.40474
148.988153	1	1.40477
131.006347	1	1.40481
113.02454	1	1.40483
95.042733	1	1.40486
77.060927	1	1.4049
97.094945	1	1.40493
119.512527	1	1.40497
141.93011	1	1.40502
164.347692	1	1.40507
171.322741	1	1.4051
154.245352	1	1.40512
137.167964	1	1.40514
120.090575	1	1.40515
103.013186	1	1.40518
95.504569	1	1.40521
90.935379	1	1.40523
86.366188	1	1.40525
81.796997	1	1.40527
75.729295	1	1.4053
62.293172	1	1.40533
48.857048	1	1.40535
35.420925	1	1.40538
21.984802	1	1.40541
15.891874	1	1.40543
14.130148	1	1.40545
12.368421	1	1.40547
10.606695	1	1.40548
13.471223	0	1.40549

10:56:32.224	192.4	28.3	778
10:56:33.224	192.2	38.2	727
10:56:34.224	192.1	37.2	694
10:56:35.224	192	36.4	682
10:56:36.224	191.8	36.6	678
10:56:37.224	191.7	43.5	895
10:56:38.224	191.6	86.7	1602
10:56:39.224	191.4	79.8	1897
10:56:40.224	191.3	61.7	1825
10:56:41.224	191.2	88.1	2162
10:56:42.224	191	69.8	2010
10:56:43.224	190.9	94.5	1714
10:56:44.224	190.8	96.3	1974
10:56:45.224	190.6	89.9	2330
10:56:46.224	190.5	84.5	2676
10:56:47.224		90.6	2243
10:56:48.224		90	2442
10:56:49.224		81.6	2613
10:56:50.224		11.5	2422
10:56:51.224		6.1	1995
10:56:52.224		61.6	1579
10:56:53.224		89.1	1479
10:56:54.224		88.2	1498
10:56:55.224	192.5	88.9	1524
10:56:56.224	192.8	82.2	1554
10:56:57.224	193.1	68	1569
10:56:58.224	193.3	52.5	1572
10:56:59.224	193.6	74.2	1312
10:57:00.224	193.9	78.5	1313
10:57:01.224	194.1	70	1314
10:57:02.224	194.4	65.4	1309
10:57:03.224	194.6	61.8	1312
10:57:04.224	194.9	58.9	1310
10:57:05.224	195.2	61	1307
10:57:06.224	195.4	73.3	1307
10:57:07.224	195.7	64.8	1307
10:57:08.224	196	61.9	1310
10:57:09.224	196.2	76.1	1314
10:57:10.224	196.5	75.7	1319
10:57:11.224	196.7	70.4	1322
10:57:12.224	197	64	1323
10:57:13.224	197.3	51.6	1317
10:57:14.224	197.5	42.2	1307
10:57:15.224		50.8	1298
10:57:16.224		69.7	1292
10:57:17.224		86.7	1292
10:57:18.224		92.4	1300
10:57:19.224		86.9	1315
10:57:20.224		55.8	1324
10:57:21.224		57.6	1320
10:57:22.224	195.6	61.7	1312
10:57:23.224	195.3	45.2	1297
10:57:24.224	195.1	28.8	1281
10:57:25.224	194.8	60	1259
10:57:26.224	194.5	80.2	1251
10:57:27.224	194.3	84.4	1253
10:57:28.224	194	79.3	1254
10:57:29.224	193.8	68.9	1258
10:57:30.224	193.5	63.8	1257
10:57:31.224	193.2	58.9	1252
10:57:32.224	193	56.9	1247
10:57:33.224	192.7	54.5	1232
10:57:34.224	192.4	48.7	1221

11.52115	235.581732	341.1	18	0.000019	0.00003	0.00006	21	1.6
12.0532	237.421948	340.776711	14.6	0.000022	0.00002	0.00004	21	1.2
10.53259	239.262163	340.955302	10.5	0.000026	0.00002	0.00003	21	1.4
10.22456	246.268036	298.719672	6.3	0.000036	0.00002	0.00003	21	1.1
10.42972	267.030071	341.1	3.6	0.000048	0.00002	0.00001	21	0.9
14.22603	287.792106	341.1	1.9	0.00014	0.00003	0.00007	21	0.9
36.66309	308.554141	341.202969	1	0.000361	0.00003	0.00002	21	0.4
44.82565	329.316176	339.367173	0.7	0.000704	0.00005	0.00009	21	0.6
45.61978	361.84587	343.338002	1.8	0.000815	0.00007	0.00004	21	0.8
80.36027	395.829994	344.147851	5.2	0.001435	0.00016	0.00013	21	1
97.19991	429.814117	344.8	9.6	0.001496	0.00029	0.00009	21	1.9
94.04953	463.798241	344.8	12.5	0.001632	0.00077	0.00005	21	5
113.86826	495.117879	410.038968	15.4	0.002302	0.00281	0.00013	21	13.3
137.03931	517.466696	343.687395	19.2	0.002414	0.00606	0	21	25.4
142.93969	539.815513	343.79	24.1	0.002183	0.00735	0.00012	21	32.3
142.62832	562.16433	344.790746	29.5	0.002254	0.00806	0	21	35.5
140.70506	584.513146	371.599443	34.2	0.002269	0.01006	0	21	43.5
119.69858	571.236346	379.557836	38.2	0.001588	0.00802	0	21	42.8
59.94141	540.012807	351.221702	42	0.000463	0.0025	0	21	31
32.70646	508.789268	351.5	47.6	0.000159	0.00106	0.00002	21	20.3
31.9671	477.565728	351.5	48.5	0.000129	0.00057	0	21	11.7
44.56041	446.342189	383.566802	48.4	0.000409	0.00044	0.00008	21	6.6
47.13548	458.346273	351.724394	47.7	0.000701	0.00036	0.00001	21	4.5
51.35001	473.060697	353.434118	47.6	0.000853	0.00024	0	21	2.8
48.95338	487.775121	353.998451	47.9	0.000836	0.00026	0	21	3.3
37.58581	502.489545	388.061661	48	0.000658	0.00023	0	21	3.4
25.47908	497.154921	368.995006	49.8	0.000365	0.00012	0	21	3
24.71652	487.086837	356.734696	50.5	0.000377	0.00013	0	21	3
27.71183	477.018754	356.226528	50.6	0.000375	0.00011	0	21	2.5
23.8761	466.950671	357.503088	50.6	0.000353	0.00008	0	21	2
20.84506	456.882587	394.072727	50.7	0.000321	0.00007	0	21	1.9
20.60099	449.550269	358.517938	50.7	0.000306	0.00007	0	21	2.1
19.75544	442.326016	359.3	50.7	0.00029	0.00006	0	21	1.9
21.08152	435.101763	359.667383	50.6	0.000307	0.00007	0.00003	21	1.8
24.15703	427.87751	360.540586	50.5	0.000326	0.00007	0	21	1.8
20.49984	422.614803	385.818123	50.5	0.000313	0.00006	0.00003	21	1.5
21.69055	421.697773	361.150459	50.5	0.000317	0.00007	0	21	1.8
24.92893	420.780742	362.126549	50.5	0.00036	0.00006	0.00002	21	1.5
25.21911	419.863712	363.16597	50.5	0.000386	0.00006	0	21	1.3
24.38522	418.946681	372.962986	50.6	0.000379	0.00005	0	21	1.3
21.13096	412.28853	369.632618	50.8	0.000347	0.00006	0.00001	21	1.5
18.89474	403.51771	365.4	51.1	0.000303	0.00005	0	21	1.5
17.40621	394.74689	366.1	51.2	0.000255	0.00005	0.00001	21	1.6
21.04814	385.97607	366.1	51	0.000252	0.00006	0	21	1.7
23.76735	377.20525	370.5083	50.9	0.000268	0.00007	0.00003	21	1.7
31.22903	389.751727	368.012903	50.9	0.00035	0.00007	0	21	1.4
38.91284	402.557119	369.540119	50.1	0.000538	0.00005	0.00005	21	0.8
37.99488	415.362511	370.643261	49.8	0.000672	0.00005	0.00007	21	0.8
29.11992	428.167902	372.735106	49.9	0.000582	0.00008	0.00001	21	1.5
19.22324	434.825843	402.716176	50.9	0.000359	0.00006	0.00002	21	1.5
18.17594	422.016854	374.425	51.1	0.000293	0.00005	0	21	1.5
16.83213	409.207865	374.8	51.1	0.000246	0.00005	0.00001	21	1.6
13.52442	396.398876	374.8	50.9	0.000212	0.00004	0.00001	21	1.2
21.70503	383.589888	376.254624	50.1	0.000297	0.00006	0.00003	21	1.4
32.41675	389.097124	376.739845	49.9	0.000385	0.00007	0.00005	21	1.4
32.88113	399.47323	377.092734	48.7	0.000521	0.00007	0.00001	21	1.3
30.37834	409.849336	378.206065	48.4	0.000551	0.00006	0.00005	21	1.1
25.0985	420.225442	378.6	48.4	0.000496	0.00008	0	21	1.6
23.5995	425.628387	400.621739	48.6	0.00041	0.00008	0.00002	21	1.8
19.57155	417.585376	380.2	48.6	0.000315	0.00006	0.00001	21	1.6
17.70095	409.542366	380.2	48.6	0.000273	0.00005	0.00002	21	1.5
16.24621	401.499355	379.433423	48.3	0.000242	0.00004	0.00001	21	1.5
16.20794	393.456344	381.633333	48	0.000219	0.00003	0.00001	21	1

64.280576	0	1.40552
115.089928	0	1.40554
165.899281	0	1.40556
216.708633	0	1.40558
228.003872	1	1.4056
217.072421	1	1.40563
206.14097	1	1.40566
195.209519	1	1.40571
232.75	1	1.40578
416.48494	1	1.40594
600.21988	1	1.40623
783.954819	1	1.407
967.689759	1	1.40981
1040.73698	1	1.41587
1040.299344	1	1.42322
1039.861707	1	1.43128
1039.42407	1	1.44134
1035.027325	1	1.44936
906.876509	1	1.45186
778.725694	1	1.45292
650.574878	1	1.45349
522.424063	1	1.45393
428.000472	1	1.45429
408.647156	1	1.45453
389.29384	1	1.45479
369.940524	1	1.45502
349.157441	1	1.45514
310.21827	1	1.45527
271.279099	1	1.45538
232.339928	1	1.45546
193.400758	1	1.45553
164.554946	1	1.4556
156.961611	1	1.45566
149.368277	1	1.45573
141.774942	1	1.4558
134.181607	1	1.45586
134.751726	1	1.45593
141.209085	1	1.45599
147.666444	1	1.45605
154.123803	1	1.4561
160.869748	1	1.45616
170.533613	1	1.45621
180.197479	1	1.45626
189.861345	1	1.45632
199.52521	1	1.45639
211.43038	1	1.45646
227.886076	1	1.45651
244.341772	1	1.45656
260.797468	1	1.45664
277.253165	1	1.4567
270.033186	1	1.45675
246.360619	1	1.4568
222.688053	1	1.45684
199.015487	1	1.4569
179.127753	1	1.45697
209.524229	1	1.45704
239.920705	1	1.4571
270.317181	1	1.45718
300.713656	1	1.45726
290.794916	1	1.45732
245.124946	1	1.45737
199.454976	1	1.45741
153.785006	1	1.45744

10:57:35.224	192.2	36.3	1208
10:57:36.224	191.9	54.2	1194
10:57:37.224	191.7	59.8	1181
10:57:38.224	191.4	60.6	1169
10:57:39.224	191.1	40.1	1153
10:57:40.224	190.9	13	1132
10:57:41.224	190.6	0	1108
10:57:42.224		0	1243
10:57:43.224		0	1249
10:57:44.224		0	1255
10:57:45.224		0	1290
10:57:46.224		0	1140
10:57:47.224		0	1151
10:57:48.224		12.3	779
10:57:49.224		24.8	795
10:57:50.224	190.4	28.9	762
10:57:51.224	190.4	35.7	720
10:57:52.224	190.4	36.5	693
10:57:53.224	190.4	36.2	683
10:57:54.224	190.4	35.9	679
10:57:55.224	190.4	36	684
10:57:56.224	190.4	35.4	682
10:57:57.224	190.4	35.5	680
10:57:58.224	190.4	35	680
10:57:59.224	190.4	34.9	679
10:58:00.224	190.4	35.5	679
10:58:01.224	190.4	35.3	680
10:58:02.224	190.4	35.1	679
10:58:03.224	190.4	35.3	678
10:58:04.224	190.4	35.3	677
10:58:05.224	190.4	35	677
10:58:06.224	190.4	34.9	681
10:58:07.224	190.4	34.9	681
10:58:08.224	190.4	35.1	680
10:58:09.224	190.4	35.7	680
10:58:10.224		35.7	680
10:58:11.224		35.7	679
10:58:12.224		35.7	682
10:58:13.224		35.3	680
10:58:14.224		35.7	680
10:58:15.224		35.7	681
10:58:16.224		35.9	678
10:58:17.224		36.1	680
10:58:18.224	191.5	35.8	681
10:58:19.224	191.6	35.9	681
10:58:20.224	191.7	35.1	680
10:58:21.224	191.8	35.9	680
10:58:22.224	192	36	677
10:58:23.224	192.1	36	680
10:58:24.224	192.2	35.7	677
10:58:25.224	192.4	36.1	678
10:58:26.224	192.5	35.3	679
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10:58:28.224	192.7	35.1	678
10:58:29.224	192.9	35.4	678
10:58:30.224	193	35.7	677
10:58:31.224	193.1	35.7	680
10:58:32.224	193.3	35.4	678
10:58:33.224	193.4	34.9	679
10:58:34.224	193.5	54.8	765
10:58:35.224	193.6	46.9	832
10:58:36.224	193.8	37.6	686
10:58:37.224	193.9	34.7	668

13.92647	386.761565	382.280263	47.5	0.000195	0.00003	0.00002	21	1.1
17.43882	380.893121	380.2	47.1	0.000197	0.00003	0.00002	21	1.2
18.67421	375.024678	380.2	46.5	0.000204	0.00004	0.00004	21	1.4
19.19612	369.156234	380.2	46	0.000209	0.00004	0.00001	21	1.3
13.9071	363.28779	374.137174	45.9	0.000184	0.00003	0.00002	21	1.1
11.61049	349.915367	380.2	45.6	0.000153	0.00002	0.00001	21	0.9
7.93917	336.294878	380.2	44.5	0.000124	0.00001	0	21	0.6
8.1781	322.674389	378.604755	44.3	0.000105	0.00001	0.00001	21	0.7
9.72168	309.0539	366.731615	43.6	0.000094	0.00002	0	21	1.2
9.96713	298.85032	369.680357	41.9	0.000077	0.00002	0.00001	21	1.2
10.24748	290.306963	378.6	39.3	0.000055	0.00002	0	21	1
8.94258	281.763605	377.707071	32.4	0.000041	0.00002	0.00001	21	1.4
8.93633	273.220248	377.1	27.4	0.000028	0.00002	0	21	1.6
6.83816	264.67689	334.071488	26.5	0.000023	0.00002	0	21	1.3
10.82448	265.166526	376.4	22.5	0.000024	0.00002	0.00001	21	1.4
11.53394	265.738196	376.4	14	0.000024	0.00003	0	21	1.3
12.11928	266.309867	376.4	12.2	0.000026	0.00003	0.00001	21	1.5
11.16631	266.881537	376.4	9.1	0.00003	0.00002	0	21	1.1
10.36884	267.656873	329.593031	4.3	0.000038	0.00002	0	21	1
10.64009	268.988488	376.119104	1.4	0.000049	0.00002	0	21	0.9
10.64241	270.320103	375.6	0.4	0.00006	0.00002	0	21	1.1
10.43557	271.651718	375.6	0	0.000069	0.00001	0	21	0.8
10.38628	272.983333	368.204063	0	0.000075	0.00001	0	21	0.6
10.41	273.5	353.843645	0	0.000079	0.00002	0.00002	21	0.9
10.52925	273.5	374.8	0	0.000081	0.00002	0	21	0.9
10.49381	273.5	374.8	0	0.000083	0.00002	0	21	1.1
10.59587	273.5	374.8	0	0.000083	0.00002	0	21	1
10.54398	273.5	336.912314	0	0.000083	0.00002	0	21	1
10.47	273.077299	374.70411	0	0.000082	0.00002	0	21	1.4
10.46025	272.642422	374.1	0	0.000083	0.00002	0	21	1.2
10.34531	272.207545	374.1	0	0.000083	0.00002	0.00002	21	1
10.3	271.772668	373.277445	0	0.000083	0.00001	0.00001	21	0.6
10.42051	271.287262	336.468895	0	0.000084	0.00001	0.00001	21	0.8
10.41045	270.71692	373.2	0	0.000084	0.00002	0	21	0.9
10.39124	270.146578	373.2	0	0.000083	0.00002	0.00001	21	1.1
10.56773	269.576236	373.158209	0	0.000083	0.00002	0.00001	21	1.3
10.23101	269.005894	363.173567	0.2	0.000083	0.00002	0	21	1.2
10.63882	268.514489	352.774419	0.3	0.000084	0.00002	0.00002	21	1.2
10.51089	268.067681	372.4	0.6	0.000086	0.00002	0	21	0.9
10.33381	267.620872	371.630809	0.7	0.000085	0.00001	0.00002	21	0.8
10.49073	267.174064	372.147614	0.7	0.000085	0.00002	0	21	1
10.5194	266.727255	337.070476	0.1	0.000085	0.00002	0.00002	21	0.9
10.3943	266.034736	370.968365	0	0.000085	0.00002	0.00001	21	1.2
10.3	265.326255	371.465385	0	0.000085	0.00002	0	21	1.2
10.42828	264.617775	370.481921	0	0.000085	0.00002	0	21	1.1
10.27519	263.909294	370.1	0	0.000085	0.00002	0	21	0.9
10.51613	263.210256	318.581301	0	0.000086	0.00001	0.00001	21	0.8
10.43743	262.569231	370.1	0	0.000086	0.00001	0	21	0.8
10.53103	261.928205	369.535173	0	0.000086	0.00001	0.00002	21	0.8
10.42179	261.287179	369.3	0	0.000084	0.00001	0.00001	21	0.8
10.41287	260.646154	344.095202	0	0.000085	0.00001	0	21	0.6
10.32852	260.179469	357.95285	0	0.000085	0.00001	0	21	0.8
10.35631	259.764272	368.673134	0	0.000085	0.00002	0	21	1.2
10.53231	259.349076	368.462366	0	0.000085	0.00002	0.00001	21	1
10.32115	258.93388	367.8	0	0.000085	0.00002	0	21	1.1
10.33955	258.518684	328.881446	0	0.000085	0.00001	0.00001	21	0.8
10.25813	258.5	367.619563	0	0.000085	0.00001	0	21	0.9
10.40394	258.5	366.258625	0	0.000086	0.00002	0	21	1.2
10.495	258.5	366.600391	0	0.000087	0.00002	0.00001	21	1.1
14.9612	258.5	366.1	0	0.000105	0.00003	0	21	1.5
13.35413	258.438889	313.592924	0	0.000106	0.00003	0.00002	21	1.2
10.09796	258.011538	366.1	0	0.000094	0.00002	0	21	1
10.66	257.584188	365.70315	1.3	0.000091	0.00002	0.00001	21	1

108.115037	1	1.45747
106.7	1	1.4575
110.866667	1	1.45754
115.033333	1	1.45758
119.2	1	1.45761
114.197761	1	1.45763
90.410448	1	1.45764
66.623134	1	1.45765
42.835821	1	1.45767
19.907737	1	1.45769
17.601174	1	1.45771
15.294611	1	1.45773
12.988048	1	1.45775
10.681485	1	1.45777
22.343829	0	1.45779
71.583052	0	1.45782
120.822274	0	1.45785
170.061496	0	1.45787
219.300719	0	1.45789
237.028529	1	1.45791
227.805019	1	1.45793
218.58151	1	1.45794
209.358001	1	1.45795
200.134492	1	1.45797
197.842499	1	1.45799
196.522657	1	1.45801
195.202816	1	1.45803
193.882974	1	1.45805
192.859089	1	1.45807
192.433376	1	1.45809
192.007663	1	1.45811
191.58195	1	1.45812
191.156237	1	1.45813
190.865918	1	1.45815
190.654099	1	1.45817
190.442279	1	1.45819
190.23046	1	1.45821
190.01864	1	1.45823
189.604424	1	1.45825
189.170679	1	1.45826
188.736933	1	1.45828
188.303188	1	1.4583
187.749219	1	1.45832
186.916059	1	1.45834
186.082899	1	1.45836
185.24974	1	1.45838
184.41658	1	1.45839
184	1	1.4584
184	1	1.45841
184	1	1.45842
184	1	1.45843
183.982697	1	1.45844
183.560667	1	1.45846
183.138637	1	1.45848
182.716607	1	1.4585
182.294577	1	1.45851
182.314649	1	1.45852
183.356533	1	1.45854
184.398416	1	1.45856
185.4403	1	1.45859
186.482184	1	1.45862
186.031243	1	1.45864
184.105286	1	1.45866

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10:58:39.224		36.4	679
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10:58:41.224		35.7	680
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10:58:45.224		35.7	680
10:58:46.224	196.1	35.8	681
10:58:47.224	196.4	35.1	680
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10:58:49.224	196.9	38.9	901
10:58:50.224	197.2	41.7	806
10:58:51.224	197.4	80.6	1339
10:58:52.224	197.7	91.8	1880
10:58:53.224	197.9	60.2	1904
10:58:54.224	198.2	83.7	2015
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10:58:57.224	199	91.6	1996
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10:58:59.224	199.5	64.2	2099
10:59:00.224	199.8	79.9	2122
10:59:01.224	200	72.5	2274
10:59:02.224	200.3	73.6	2020
10:59:03.224	200.5	80.3	1912
10:59:04.224	200.8	78.6	1769
10:59:05.224	201.1	40.3	1475
10:59:06.224		38.4	1471
10:59:07.224		46	1469
10:59:08.224		41.1	1464
10:59:09.224		42.5	1467
10:59:10.224		56.6	1468
10:59:11.224		67.9	1475
10:59:12.224		58.8	1481
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10:59:14.224	197.9	59.4	1495
10:59:15.224	197.5	57.1	1504
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10:59:17.224	196.7	47.9	1519
10:59:18.224	196.3	45.3	1320
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10:59:21.224	195.2	3.8	1236
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10:59:23.224	194.4	27.3	1211
10:59:24.224	194	46	1201
10:59:25.224	193.6	48.2	1191
10:59:26.224	193.2	39.3	1185
10:59:27.224	192.8	44	1170
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10:59:29.224	192.1	55.4	1151
10:59:30.224	191.7	67.4	1140
10:59:31.224	191.3	81.8	1141
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10:59:33.224	190.5	86.4	1155
10:59:34.224		88.9	1169
10:59:35.224		74.4	1179
10:59:36.224		68.8	1187
10:59:37.224		74.2	1194
10:59:38.224		17.5	1178
10:59:39.224		17.5	1190
10:59:40.224		26.2	1172

10.54175	257.156838	365.4	1.9	0.00009	0.00001	0.00001	21	0.7
10.37038	256.729487	363.153095	2	0.00009	0.00001	0	21	0.8
10.63412	256.211805	334.855809	2.1	0.00009	0.00002	0.00001	21	0.9
10.41544	255.589354	364.6	2.1	0.000089	0.00002	0	21	1.2
10.37662	254.966903	363.903088	1.9	0.000088	0.00001	0.00001	21	0.8
10.29496	254.344452	364.359212	1.4	0.000087	0.00002	0.00001	21	0.9
10.31941	253.722	335.738298	1.1	0.000087	0.00002	0.00004	21	1
10.459	253.26126	354.015974	1	0.000088	0.00001	0.00001	21	0.7
10.4166	252.839941	363.077637	1.5	0.000088	0.00001	0.00002	21	0.8
10.50078	252.418622	362.543839	1.4	0.000088	0.00002	0.00003	21	0.9
10.57421	251.997304	362.657569	1.1	0.000091	0.00002	0.00002	21	1
14.86145	252.696841	315.105252	1	0.000103	0.00002	0.00002	21	0.9
13.85375	271.939673	362.3	0.8	0.00012	0.00003	0.00001	21	1.1
28.38362	291.182504	362.3	0.8	0.000344	0.00007	0.00005	21	1.3
45.87249	310.425336	362.3	1.4	0.000661	0.00008	0.00007	21	1.1
44.9716	329.668168	361.802028	2.3	0.000738	0.00007	0.00015	21	0.8
65.16964	359.126907	356.899222	4.8	0.000986	0.00012	0.00013	21	1.1
98.28813	395.59724	361.24564	8.5	0.001506	0.00041	0	21	2.6
94.74832	432.067572	358.578005	11.5	0.001586	0.00125	0.00005	21	8
103.83328	468.537905	354.674425	15.1	0.001943	0.00311	0	21	16.7
104.05858	505.008237	407.67	19.1	0.001667	0.00447	0	21	25.9
78.50276	504.292785	346.811429	24.2	0.001325	0.00317	0	21	22.7
91.33046	503.277447	344.342707	29.4	0.001493	0.00253	0	21	16.4
90.492	502.262108	341.773932	33.6	0.001408	0.00171	0	21	11.5
66.8828	501.24677	339.810698	36.8	0.000998	0.00097	0	21	8.7
53.43312	494.078899	394.824853	39.7	0.000764	0.00061	0	21	6.9
45.06857	476.114433	336.657158	42.3	0.000621	0.00034	0	21	4.9
25.63844	458.149967	336	44.4	0.000424	0.0002	0	21	4.1
15.31745	440.185501	335.032625	45.8	0.000241	0.0001	0	21	3.3
15.7775	422.221035	352.968847	46.9	0.000196	0.00009	0	21	3.2
17.28267	412.70207	341.175483	47.3	0.000173	0.00009	0	21	3
17.52283	405.241958	333.093759	47.2	0.000176	0.00007	0	21	2.4
23.36867	397.781846	332.4	47.1	0.000237	0.0001	0	21	2.5
27.25795	390.321734	332.4	47.1	0.000284	0.00009	0	21	2.1
19.08318	383.307006	357.606626	47.1	0.000269	0.00007	0	21	1.8
22.18857	378.529936	331.352717	47.4	0.000277	0.00005	0	21	1.4
23.12107	373.752866	330.478125	47.5	0.000282	0.00006	0.00003	21	1.6
22.92262	368.975796	330.2	47.7	0.000272	0.00007	0.00003	21	1.9
20.29607	364.198726	330.715458	48.1	0.000255	0.00006	0.00005	21	1.7
20.88451	356.43403	338.662725	48.4	0.000249	0.00006	0.00005	21	1.8
18.75065	345.105148	329.4	48.4	0.000215	0.00005	0.00001	21	1.6
13.88399	333.776265	329.4	48.6	0.000154	0.00004	0.00002	21	1.5
11.14777	322.447383	329.4	48.8	0.000125	0.00003	0.00001	21	1.5
10.29419	311.118501	324.826108	48.9	0.000104	0.00003	0.00002	21	1.7
16.1185	306.466572	326.405397	48.7	0.000117	0.00005	0.00001	21	1.9
14.37805	303.350425	328.7	48.2	0.00008	0.00005	0.00002	21	2.1
16.09114	300.234278	328.365293	47.6	0.000066	0.00005	0.00002	21	2
14.57973	297.11813	327.9	47.2	0.000071	0.00005	0	21	1.9
13.79841	294.941347	312.963235	46.7	0.000086	0.00003	0.00002	21	1.3
14.38	296.018788	328.214196	46.4	0.000107	0.00003	0	21	1.3
15.52978	297.096229	327.9	46.1	0.000118	0.00004	0.00001	21	1.3
17.51643	298.17367	327.9	45.6	0.000133	0.00004	0.00002	21	1.2
20.61083	299.251111	321.567123	45.1	0.000184	0.00004	0.00002	21	1.3
23.56498	315.180586	327.244345	44.6	0.000268	0.00005	0.00001	21	1.3
26.8436	335.571466	328.7	44.3	0.000372	0.00006	0	21	1.4
32.3363	355.962345	330.2	44	0.000494	0.00006	0.00003	21	1.2
34.51197	376.353225	330.676775	44.1	0.000588	0.00007	0	21	1.2
23.77536	391.94942	362.227753	44.3	0.000536	0.00006	0.00003	21	1.1
21.54784	383.104422	331.87957	44.5	0.000417	0.00006	0.00001	21	1.4
20.7394	374.259425	332.806021	44.8	0.000332	0.00006	0	21	1.7
15.67069	365.414427	332.450909	45.5	0.000261	0.00005	0	21	1.8
17.20006	356.569429	333.08977	45.9	0.000281	0.00005	0	21	1.6
22.41418	346.030065	338.812695	46	0.000253	0.00006	0.00004	21	1.6

182.179328	1	1.45867
180.25337	1	1.45868
178.327413	1	1.4587
178.3483	1	1.45872
178.76794	1	1.45873
179.187579	1	1.45875
179.607218	1	1.45877
180.040421	1	1.45878
180.672	1	1.45879
181.303579	1	1.45881
181.935158	1	1.45883
182.566737	1	1.45885
192.949213	1	1.45888
224.634607	1	1.45895
256.32	1	1.45903
288.005393	1	1.4591
319.690787	1	1.45922
357.317647	1	1.45963
395.879739	1	1.46088
434.44183	1	1.46399
473.003922	1	1.46846
485.737561	1	1.47163
430.035227	1	1.47416
374.332893	1	1.47587
318.630559	1	1.47684
262.928225	1	1.47745
229.951115	1	1.47779
205.294168	1	1.47799
180.637221	1	1.47809
155.980274	1	1.47818
133.433979	1	1.47827
139.816021	1	1.47834
146.198063	1	1.47844
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158.962148	1	1.4786
154.640136	1	1.47865
140.594595	1	1.47871
126.549053	1	1.47878
112.503511	1	1.47884
98.45797	1	1.4789
83.150074	1	1.47895
67.574405	1	1.47899
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36.423069	1	1.47905
23.568846	1	1.4791
44.769471	1	1.47915
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87.170721	1	1.47925
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119.792779	1	1.47931
124.502355	1	1.47935
129.211931	1	1.47939
133.921507	1	1.47943
146.4788	1	1.47948
209.753425	1	1.47954
273.02805	1	1.4796
336.302674	1	1.47967
399.577299	1	1.47973
427.430099	1	1.47979
424.495703	1	1.47985
421.561308	1	1.4799
418.626913	1	1.47995
415.692517	1	1.48001

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10:59:42.224	189.8	0	1148
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11:00:13.224	191.7	69.2	1589
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11:00:18.224	193	54.7	1333
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11:00:23.224	194.4	66.3	1323
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11:00:34.224		49.4	1285
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11:00:43.224	192	0	1322

12.46444	333.836516	333.8	45.8	0.000136	0.00004	0	21	1.7
8.13521	321.642968	333.8	45.6	0.000108	0.00003	0	21	1.6
7.71317	309.449419	333.574646	45.7	0.000088	0.00002	0	21	1.2
10.47523	297.255871	322.317274	45.3	0.000093	0.00003	0	21	1.4
11.34406	287.139572	331.183544	44.1	0.000077	0.00003	0.00001	21	1.5
11.43135	277.372716	333.1	42.3	0.000054	0.00004	0.00002	21	1.9
9.66183	267.60586	333.1	39.5	0.000037	0.00003	0.00005	21	1.8
9.07091	257.839004	332.727772	35.9	0.000027	0.00003	0.00002	21	1.7
8.37136	252.589471	295.952652	30.9	0.000021	0.00002	0.00004	21	1.5
11.45105	290.373381	333.1	24.7	0.00003	0.00002	0.00004	21	1
28.59871	328.157291	333.1	19.5	0.00011	0.00006	0.00014	21	1
64.38093	365.941201	334.290112	15.9	0.000845	0.0002	0.00023	21	1.6
122.86852	403.725111	336.591501	14.6	0.001668	0.00087	0.00017	21	4.4
108.39834	429.346667	370.212762	16.4	0.001563	0.00146	0.00018	21	8.3
77.46011	435.457778	340.463787	16.9	0.001063	0.00107	0	21	9
60.11599	441.568889	341.1	20.3	0.000883	0.00071	0	21	7.1
44.40607	447.68	341.8	26.5	0.000709	0.00038	0	21	4.6
43.48455	453.791111	358.146484	27.7	0.000698	0.00027	0.00001	21	3.5
40.59883	455.858042	357.349671	28.9	0.000654	0.0002	0	21	2.9
39.23065	456.22458	341.1	30.3	0.000543	0.00015	0	21	2.4
28.15583	456.591117	341.1	31.4	0.000454	0.00012	0	21	2.2
49.57583	456.957654	340.71307	31.9	0.000718	0.00021	0	21	2.5
53.82507	457.060323	390.397476	32.5	0.00083	0.0002	0.00004	21	2.4
31.63701	453.42885	340.234172	33.4	0.000483	0.00015	0	21	2.7
29.16198	449.797377	339.977551	34.7	0.000429	0.00012	0.00001	21	2.4
25.80049	446.165905	339.7	34.9	0.000414	0.0001	0	21	2.1
39.4822	442.534432	346.512813	36.2	0.000529	0.0001	0	21	1.7
34.73235	441.555189	360.952564	36.7	0.000603	0.00008	0.00003	21	1.4
33.22202	442.307568	338.9	37.7	0.000579	0.00008	0.00001	21	1.4
32.78702	443.059947	338.9	38.5	0.000555	0.00009	0.00001	21	1.5
31.69897	443.812326	339.3224	38.9	0.000527	0.00008	0	21	1.5
27.88784	443.689689	386.355556	39.1	0.000477	0.00008	0	21	1.5
25.69474	434.267467	338.9	39.6	0.000432	0.00008	0	21	1.7
26.07834	424.845244	339.24361	40.1	0.0004	0.00007	0.00001	21	1.5
21.15663	415.423022	339.023994	40.4	0.00034	0.00006	0.00002	21	1.5
20.79839	406.0008	345.202371	40.8	0.000306	0.00007	0.00002	21	1.8
21.14074	397.171028	352.371146	41.5	0.000288	0.00005	0.00005	21	1.5
20.05131	388.759813	338.2	41.7	0.000269	0.00005	0	21	1.4
17.24022	380.348598	338.2	42.1	0.000245	0.00005	0	21	1.6
17.35292	371.937383	338.2	42.7	0.000226	0.00004	0	21	1.3
20.92847	365.901299	349.508366	42.8	0.000237	0.00005	0	21	1.4
22.02526	365.251948	338.2	43.3	0.000251	0.00005	0	21	1.4
21.97	364.602597	338.2	42.7	0.000279	0.00004	0.00003	21	1
20.93321	363.953247	338.820379	42.3	0.000276	0.00003	0.00005	21	0.8
18.24436	363.303896	342.527448	42.2	0.000253	0.00002	0.00001	21	0.8
16.41147	359.905926	342.028252	42.2	0.000223	0.00004	0.00002	21	1.5
13.84794	355.249841	338.2	42.4	0.000172	0.00004	0	21	1.7
18.77823	350.593757	338.771576	42.1	0.000171	0.00004	0.00002	21	1.2
21.01948	345.937672	338.509988	42	0.000194	0.00004	0.00002	21	1.3
21.30513	341.281587	339.6876	41.8	0.000229	0.00005	0.00001	21	1.4
21.32804	338.326672	338.907568	41.8	0.000261	0.00004	0.00002	21	1
17.87512	335.440796	339.7	41.7	0.000242	0.00003	0.00002	21	1
14.61	332.554919	340.213392	41.8	0.000226	0.00004	0.00005	21	1.4
19.26812	329.669042	339.744946	41.7	0.000212	0.00005	0.00003	21	1.5
16.90206	325.063694	335.71831	41.8	0.000183	0.00004	0.00002	21	1.4
15.90501	317.734738	340.4	41.5	0.000164	0.00004	0.00002	21	1.6
14.98486	310.405783	340.4	41.3	0.000154	0.00003	0.00003	21	1.3
15.07606	303.076827	340.455701	41.1	0.000135	0.00003	0.00007	21	1.3
11.53458	295.747871	333.625685	40.9	0.000106	0.00002	0.00002	21	1.1
9.81851	287.198491	334.274888	40.7	0.00009	0.00002	0.00002	21	1.1
9.59072	278.037065	339.784894	40.4	0.000074	0.00002	0	21	1.3
9.03782	268.875639	340.4	39.8	0.00006	0.00002	0	21	1.3
10.18745	259.714214	340.156976	39	0.000054	0.00003	0.00001	21	1.7

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9.67111	243.439711	339.7	31.7	0.000022	0.00003	0	21	1.8
8.83649	240.190614	339.7	27.5	0.000017	0.00002	0	21	1.6
10.61143	236.941516	339.7	22.4	0.000018	0.00002	0	21	1.3
12.01213	235.875075	288.733553	17	0.000018	0.00003	0	21	1.4
10.67616	244.297937	339.7	8.4	0.000021	0.00002	0	21	1.4
10.82903	252.720799	339.7	6.6	0.000031	0.00002	0.00002	21	1.1
10.66817	261.143661	339.7	5.8	0.000055	0.00002	0.00003	21	1.1
29.04	269.566523	340.141002	5	0.000295	0.00008	0	21	1.3
76.56861	302.441888	324.273913	2.9	0.001004	0.00013	0.0001	21	1
69.94658	356.741865	344.964141	3.1	0.001089	0.00021	0.00004	21	1.8
68.20096	411.041843	347.203731	3.3	0.001325	0.00041	0.00009	21	3
120.49281	465.34182	348.490323	7.6	0.002332	0.00218	0.00022	21	9.7
102.82496	516.90373	427.48437	10.5	0.002141	0.00522	0.00006	21	26.7
133.72231	549.473015	352.509677	15.4	0.002643	0.01268	0.00001	21	53.1
165.06364	582.0423	354.678906	22.1	0.003114	0.02366	0	21	81.6
191.53384	614.611586	360.551493	31.5	0.002942	0.03133	0.00008	21	110.9
157.35624	647.180871	367.359286	33.4	0.002651	0.03276	0	21	125.5
121.61146	653.038819	487.32608	39.1	0.001986	0.027	0	21	120.8
47.6288	603.922059	378.74669	43.4	0.000411	0.00571	0	21	86.1
29.45801	554.805299	379.4	49.4	0.000211	0.00222	0	21	48.9
17.66514	505.688539	379.4	50.7	0.000118	0.00088	0	21	27.2
17.51756	456.571779	389.846042	50.7	0.000095	0.00049	0	21	15.3
18.15907	432.954457	388.152042	50.2	0.000076	0.00032	0.00001	21	10.5
19.14859	421.063152	377.953069	49.3	0.000079	0.00025	0	21	8.2
17.65639	409.171848	378.6	48.5	0.000101	0.00019	0.00001	21	6.5
17.21434	397.280543	378.6	48.1	0.000128	0.00016	0	21	5.3
18.29438	387.741916	382.102479	47.3	0.000168	0.00014	0	21	4.2
30.3451	403.529159	378.725727	46.7	0.00027	0.00018	0.00002	21	3.8
35.47246	419.316402	379.651594	46.4	0.000409	0.00017	0	21	3.1
44.07734	435.103645	381.906883	46.3	0.00069	0.00016	0	21	2.2
37.76081	450.890888	384.729329	46.7	0.00072	0.00017	0	21	2.4
34.63867	462.277242	412.745294	47.3	0.000598	0.00017	0.00002	21	2.9
30.78523	466.040198	388.401739	47.9	0.000532	0.00014	0	21	2.6
44.66304	469.803155	390.22	48.3	0.000728	0.00017	0.00002	21	2.3
44.67677	473.566111	392.624324	48.4	0.000735	0.00016	0.00008	21	2.2
28.41998	477.329067	421.391475	49.3	0.000466	0.00011	0.00002	21	2.1
16.87237	465.558885	396.681228	50.1	0.000291	0.00008	0.00001	21	2.4
16.68017	452.583545	397.4	50.2	0.000254	0.00006	0	21	2
19.34909	439.608205	397.950588	50.4	0.000248	0.00008	0.00002	21	2.4
19.48213	426.632865	399.295556	50.4	0.00025	0.00008	0	21	2.3
21.58592	418.648225	404.693684	50.4	0.000287	0.00008	0	21	2
22.50795	414.146061	400.5	50.5	0.000306	0.00006	0	21	1.7
21.81721	409.643896	400.655752	50.4	0.000294	0.00005	0	21	1.4
19.3419	405.141732	402.46093	50.4	0.000272	0.00003	0	21	1
22.24003	400.639567	402.352282	50.4	0.000292	0.00004	0	21	1.2
22.53735	401.721252	403.941595	50.3	0.000297	0.00003	0.00002	21	0.9
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22.4269	404.241895	406.055789	50.2	0.00032	0.00005	0.00002	21	1.3
24.10169	405.502216	407.122857	49.9	0.000379	0.00007	0.00001	21	1.6
32.89624	407.820542	407.895809	49.7	0.000516	0.00007	0.00002	21	1.2
33.66195	411.963709	410.05876	49.6	0.000583	0.00007	0.00004	21	1.2
24.03938	416.106876	411.12597	49.7	0.000474	0.00007	0	21	1.4
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28.90959	424.39321	415.240492	49.8	0.000427	0.00008	0	21	1.7
35.42388	433.307194	414.380299	49.8	0.000584	0.00008	0.00004	21	1.3
34.14491	443.752628	414.6	49.5	0.000602	0.00009	0.00004	21	1.6
29.67179	454.198062	414.6	49.6	0.000564	0.0001	0.00002	21	1.9
36.53214	464.643497	415.2358	49.6	0.000645	0.00014	0.00003	21	2.3
45.65915	474.629492	439.96879	49.6	0.000856	0.00017	0.00004	21	2.2
54.92293	483.354179	415.4	49.4	0.001013	0.00029	0.00015	21	3.3
60.94636	492.078867	415.4	49.7	0.001163	0.0006	0.00003	21	6

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62.18247	500.803555	414.6	50.7	0.001208	0.00143	0.00003	21	12.7
32.62556	509.528242	422.110175	50.9	0.00051	0.00112	0	21	19.5
14.23426	494.117628	428.269643	51.5	0.000175	0.00055	0	21	21.1
10.54479	464.225834	412.062426	52.4	0.000102	0.00035	0	21	17.5
9.29256	434.33404	410.206932	51.8	0.000066	0.00023	0	21	13.1
8.72108	404.442245	408.716869	50.8	0.000046	0.00014	0.00001	21	9
8.02141	377.718872	394.598556	50.6	0.000033	0.00008	0	21	6.1
7.5551	364.591213	406.657706	49	0.000025	0.00006	0	21	4.8
8.11816	351.463553	405.048556	48.6	0.000023	0.00005	0	21	4.2
8.32706	338.335894	403.81458	47.6	0.000024	0.00005	0	21	3.5
10.79279	325.208234	400.082754	43.5	0.000027	0.00005	0	21	3.1
10.70257	314.235465	378.275526	40	0.000025	0.00004	0	21	2.5
10.69576	305.514535	401.3	39.4	0.000022	0.00005	0.00002	21	2.6
10.12192	296.793605	400.53364	33.7	0.000019	0.00004	0	21	2.4
9.66143	288.072674	400.133016	28.9	0.000016	0.00003	0.00001	21	1.7
9.02686	280.9454	342.584145	28.1	0.000013	0.00003	0	21	1.8
11.05164	280.656511	398.673133	20.1	0.000013	0.00003	0	21	1.6
11.45145	280.367622	397.743896	18.2	0.000014	0.00003	0.00002	21	1.7
12.32163	280.078733	397.4	11.5	0.000018	0.00003	0.00001	21	1.7
11.53709	279.789844	376.492549	7.5	0.000023	0.00003	0.00001	21	1.5
10.66	280.672033	376.800063	5.1	0.000031	0.00003	0	21	1.6
10.50269	282.082822	396.6	4.6	0.000042	0.00003	0.00001	21	1.6
10.42	283.49361	395	3	0.000052	0.00003	0	21	1.6
10.60802	284.904398	394.675833	1.1	0.000064	0.00002	0.00001	21	1.2
10.483	286.315187	362.114375	0.8	0.00007	0.00002	0.00001	21	1.2
10.39808	286.626703	394.174783	0.6	0.000075	0.00002	0	21	1.2
10.75766	286.772506	393.302054	0.5	0.000079	0.00002	0.00001	21	1.2
10.35434	286.918309	393.003548	0.3	0.00008	0.00003	0	21	1.7
10.367	287.064112	392.975825	0.2	0.000083	0.00002	0.00002	21	1.4
10.63881	287.16092	346.258252	0.2	0.000084	0.00003	0.00001	21	1.6
10.46387	286.586207	391.9	0	0.000085	0.00003	0.00001	21	1.7
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10.3772	284.862069	390.4	0	0.000085	0.00002	0.00001	21	1.4
10.41432	284.169291	351.490385	0	0.000085	0.00003	0	21	1.5
10.41541	283.275484	389.184764	0	0.000085	0.00002	0.00001	21	1.3
10.51033	282.381677	389.369955	0	0.000085	0.00002	0	21	1
10.59383	281.48787	388.640408	0	0.000086	0.00003	0.00001	21	1.4
10.4052	280.594063	370.420868	0	0.000085	0.00002	0	21	1.1
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10.50317	277.10852	387.2	0	0.000085	0.00003	0.00001	21	1.8
10.4994	276.256444	338.68125	0	0.000085	0.00003	0	21	1.8
10.60252	275.634222	386.4	0	0.000086	0.00003	0.00001	21	1.8
10.39773	275.012	386.039394	0	0.000086	0.00003	0	21	1.5
10.62346	274.389778	385.7	0	0.000086	0.00003	0	21	1.7
10.21512	273.767556	375.605125	0	0.00009	0.00003	0	21	1.4
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19.02138	291.746889	385.51853	0	0.000167	0.00006	0	21	1.8
21.50321	303.369111	385.7	0.2	0.000233	0.00004	0	21	1.2
32.0005	314.991333	385.7	2.9	0.000373	0.00007	0	21	1.4
42.43707	327.695708	360.185437	5.1	0.000549	0.00006	0	21	0.9
56.0026	354.777253	387.564606	5.5	0.00073	0.00011	0.00001	21	1.3
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76.66724	408.940343	390.197317	9.7	0.001149	0.00039	0	21	3.2
65.69426	436.021888	391.018085	12.7	0.00124	0.00078	0	21	6.2
77.16774	453.728076	411.289789	16.2	0.001327	0.00133	0	21	10.1
86.40301	457.942896	389.521368	19.9	0.001552	0.00181	0	21	11.7
78.32202	462.157716	388.135618	24.1	0.0012	0.00137	0	21	10.3
56.32478	466.372536	385.249662	27.8	0.000803	0.00078	0	21	8.4
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65.74533	476.954366	382.344458	34	0.00112	0.00046	0.00001	21	4.2

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51.39587	494.313926	424.878562	41.8	0.00081	0.00032	0	21	3.7
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13.09175	407.609452	365.832	47.7	0.000133	0.00005	0	21	2
11.90553	388.163844	371.745882	47.9	0.000085	0.00004	0	21	2.2
11.38733	370.704192	363.253231	47.5	0.000057	0.00004	0.00001	21	2.3
11.23577	353.24454	363.030256	46.9	0.000039	0.00004	0	21	1.9
11.18504	335.784888	361.849531	46.6	0.000029	0.00003	0.00001	21	1.8
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25.18465	336.975522	358.066397	44.9	0.000149	0.00006	0	21	1.4
25.34661	345.269765	357.6	44.8	0.000256	0.00004	0.00006	21	0.9
24.52429	352.22477	355.593889	45	0.00032	0.00004	0.00002	21	0.9
21.1035	340.824333	356.434574	45.6	0.000323	0.00004	0.00004	21	1
16.56229	329.423895	355.639501	45.9	0.000268	0.00003	0.00002	21	0.9
12.92871	318.023457	355.383652	46.3	0.000161	0.00002	0.00002	21	1
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14.65294	304.652557	338.708846	46.1	0.000088	0.00004	0	21	1.9
21.44358	312.187813	353.332766	45.4	0.000092	0.00006	0.00005	21	1.7
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26.74831	327.258325	352.328894	44.1	0.000222	0.00005	0.00005	21	1
28.29746	334.79358	350.027857	43.6	0.000348	0.00004	0.00001	21.2	0.9
30.45378	339.628355	352.2	43.6	0.00039	0.00004	0	21.8	0.8
18.49575	343.548509	352.2	43.7	0.000338	0.00003	0	21	0.9
22.374	347.468663	352.2	43.8	0.000332	0.00005	0	21.2	1.2
22.51447	351.388817	352.237002	44	0.000306	0.00006	0.00001	22	1.4
18.52278	347.197987	352.373456	43.9	0.000276	0.00005	0	22	1.5
15.40048	337.34737	352.2	43.7	0.000243	0.00004	0.00003	22	1.3
15.42545	327.496753	351.5	43.7	0.000205	0.00004	0.00002	22	1.3
14.82988	317.646136	351.5	43.7	0.000168	0.00003	0.00003	22	1.3
14.964	307.795519	335.163957	43.7	0.000151	0.00004	0.00003	22	1.6
19.70302	308.589168	351.596992	43.5	0.000165	0.00005	0.00001	22	1.6
20.86183	309.712021	352.2	42.9	0.000185	0.00005	0.00005	22	1.5
18.33681	310.834875	352.2	42.4	0.000209	0.00004	0.00001	22	1.1
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11:04:19.224	154.2	36.7	676
11:04:20.224	155	36.1	677
11:04:21.224	155.7	34.9	683
11:04:22.224	156.4	34.9	681
11:04:23.224	157.1	35.3	679
11:04:24.224	157.8	34.9	681
11:04:25.224	158.6	35.2	679
11:04:26.224	159.3	36.6	883
11:04:27.224	160	69.6	1213
11:04:28.224	160.7	82.8	1684
11:04:29.224	161.4	86.1	1840
11:04:30.224	162.2	84.5	1986
11:04:31.224	162.9	76.3	2017
11:04:32.224	163.6	80.8	1668
11:04:33.224	164.3	73.6	1599
11:04:34.224	165	79	1743
11:04:35.224	165.8	78.9	1860
11:04:36.224	166.5	48.5	1589
11:04:37.224		59.9	1538
11:04:38.224		67.2	1564
11:04:39.224		76.2	1602
11:04:40.224		56.8	1630
11:04:41.224		50.8	1576
11:04:42.224		60.7	1368
11:04:43.224		75.2	1390
11:04:44.224		75.2	1411
11:04:45.224	164.4	58.2	1427
11:04:46.224	164	68.1	1445
11:04:47.224	163.7	75.7	1473
11:04:48.224	163.4	65.8	1511
11:04:49.224	163.1	50.4	1466
11:04:50.224	162.8	23.7	1287
11:04:51.224	162.4	0.7	1276
11:04:52.224	162.1	0	1276
11:04:53.224	161.8	0	1267
11:04:54.224	161.5	0	1269
11:04:55.224	161.2	0	1258

14.75592	283.312527	332.498077	39.8	0.000148	0.00004	0.00003	22	1.5
14.24561	274.477363	354.5	39.6	0.000129	0.00004	0.00003	22	1.8
14.30007	265.642198	353.899868	39.3	0.00012	0.00003	0.00004	22	1.4
12.51113	256.807033	353.8	39	0.0001	0.00003	0.00001	22	1.4
9.71043	247.971868	323.057143	38.8	0.000077	0.00003	0.00004	22	1.5
8.98816	241.098093	350.907895	38.4	0.000059	0.00002	0.00002	22	1.5
9.00588	234.466737	352.09322	38	0.000046	0.00003	0.00002	22	2
9.90589	227.835381	351.5	37.4	0.000039	0.00003	0.00002	22	2.1
9.78591	221.204025	351.5	36.4	0.00003	0.00003	0.00003	22	1.7
9.1942	215.010021	283.336749	35.2	0.000023	0.00002	0.00004	22	1.5
8.51189	210.951319	350.264411	34	0.000019	0.00002	0.00001	22	1.7
10.63382	206.892616	349.8	32.3	0.000018	0.00002	0.00003	22	1.3
10.19023	202.833914	349.8	32	0.000015	0.00002	0.00002	22	1.3
9.15855	198.775212	315.46382	30.1	0.000012	0.00003	0.00001	22	1.8
8.32577	197.145046	335.941097	24	0.000009	0.00002	0	21.8	1.5
6.1733	196.088243	347.7	22.6	0.00001	0.00003	0.00001	21	1.7
12.15797	195.03144	347.7	20.5	0.000011	0.00003	0.00001	21.1	1.7
11.9385	193.974637	347.7	17.4	0.000012	0.00002	0	22	1.3
11.69604	193.987153	281.313299	15	0.000016	0.00002	0.00002	22	1.2
11.4684	196.935292	347.452985	12.7	0.000021	0.00003	0	22	1.3
11.29866	199.88343	347	10.1	0.000026	0.00003	0.00002	22	1.5
10.91204	202.831569	346.2	7.8	0.000031	0.00003	0	22	1.5
10.60326	205.779707	336.075583	7.4	0.000039	0.00003	0.00001	21.8	1.4
10.54619	208.423179	317.341161	5.9	0.000047	0.00003	0.00001	21	1.8
10.34769	210.879919	345.5	4.3	0.000056	0.00003	0.00001	21.2	1.7
10.46868	213.336659	345.428409	3.1	0.000064	0.00002	0.00003	21.8	1.3
10.33079	215.793399	344.456075	2.3	0.00007	0.00002	0.00001	21	1.2
10.46712	218.250139	300.490392	1.7	0.000075	0.00002	0.00001	21	1.3
10.57176	219.318133	343.3	1	0.000078	0.00002	0	21	1.2
10.35636	220.295911	343.3	0.2	0.00008	0.00002	0.00001	21	1.2
10.52833	221.273689	342.702731	0.4	0.000081	0.00003	0.00001	21	1.8
10.37073	222.251467	342.5	0.5	0.000082	0.00002	0.00001	21	1.4
10.38382	230.07038	306.675335	0.5	0.000084	0.00003	0.00001	21	1.6
14.03357	246.631609	341.9372	0.1	0.000123	0.00005	0	21	1.8
22.80954	263.192838	341.1	0	0.000224	0.00006	0.00002	21	1.3
37.82516	279.754067	341.1	0.6	0.000436	0.00007	0	21	1.1
51.97752	296.346605	323.124291	2	0.000736	0.00009	0.00002	21	1
59.65261	315.31621	338.832211	4.6	0.000866	0.00014	0	21	1.4
60.28886	334.285816	337.923377	8	0.000842	0.00015	0	21	1.6
52.31278	353.255421	335.867164	11.3	0.000747	0.00019	0	21	2.2
39.12319	372.225027	334.553421	14.8	0.00067	0.00016	0	21	2.2
41.09491	382.985246	351.252118	17.7	0.000662	0.00013	0	21	1.8
43.46066	380.00462	330.948872	20.6	0.000671	0.00011	0	21	1.6
37.54315	377.023994	329.599701	23.1	0.00054	0.00011	0	21	1.8
26.21258	374.043368	327.839277	25.1	0.000416	0.0001	0	21	1.9
25.25979	371.062742	334.174306	26.6	0.000387	0.00009	0	21	1.9
31.06888	367.468401	332.439337	27.6	0.000462	0.00009	0.00002	21	1.6
25.30451	363.581254	323.885484	28.4	0.000426	0.00009	0	21	1.8
21.98732	359.694107	322.753826	28.9	0.000332	0.00006	0.00003	21	1.6
21.64183	355.806959	321.856377	29.6	0.000323	0.00006	0	21	1.5
27.58288	351.919812	330.397083	30	0.000346	0.00007	0.00005	21	1.6
27.24343	353.638735	319.992857	29.9	0.000363	0.00006	0.00002	21	1.4
21.94515	356.03642	318.297698	30.4	0.000358	0.00005	0.00001	21	1.1
24.8373	358.434105	317.1	30.5	0.000379	0.00006	0.00001	21	1.4
28.19591	360.83179	316.142721	31	0.000408	0.00007	0.00001	21	1.5
30.80416	362.375997	335.508093	31.3	0.000451	0.00006	0.00002	21	1.2
18.45896	348.968542	313.20761	31.8	0.000346	0.00004	0	21	1.1
16.32612	335.561086	312.321649	32.5	0.000285	0.00003	0	21	1.1
11.36652	322.15363	311.377652	33.3	0.000174	0.00002	0	21	1
8.93825	308.746174	310.135909	33.7	0.000127	0.00002	0	21	1
9.37021	296.13035	307.961804	33.9	0.000096	0.00002	0	21	1.2
10.22302	284.418036	309.393116	33.8	0.000077	0.00003	0	21	1.7
10.03155	272.705723	308.879675	33.6	0.000056	0.00003	0.00001	21	1.8

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67.138969	1	1.65638
57.181013	1	1.65641
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24.219355	1	1.65652
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11.96129	1	1.6566
9.532584	1	1.65662
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85.927184	0	1.65681
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130.428633	0	1.65687
153.464155	0	1.6569
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196.931674	1	1.65699
191.256058	1	1.65701
185.580441	1	1.65703
179.904824	1	1.65705
175.515743	1	1.65707
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169.307317	1	1.65717
167.043902	1	1.65722
164.604878	1	1.65728
162.165854	1	1.65735
159.726829	1	1.65744
165.033118	1	1.65758
189.11914	1	1.65773
213.205161	1	1.65792
237.291183	1	1.65808
261.377204	1	1.65821
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211.394742	1	1.65843
175.703355	1	1.65853
140.011968	1	1.65862
104.320581	1	1.65871
113.052192	1	1.6588
123.490605	1	1.65886
133.929019	1	1.65892
144.367432	1	1.65899
151.042986	1	1.65905
139.730769	1	1.6591
128.418552	1	1.65916
117.106335	1	1.65923
105.794118	1	1.65929
92.883504	1	1.65933
76.431747	1	1.65936
59.979991	1	1.65938
43.528235	1	1.6594
27.076478	1	1.65942
22.043107	1	1.65945
19.636105	1	1.65948

11:04:56.224	160.9	0	1240
11:04:57.224	160.5	0	1355
11:04:58.224	160.2	0	1371
11:04:59.224	159.9	0	1386
11:05:00.224	159.6	0	1319
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11:05:02.224	158.9	17.5	1091
11:05:03.224	158.6	52.5	1350
11:05:04.224	158.3	86.1	1451
11:05:05.224		96.4	1597
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11:05:08.224		57.7	2301
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11:05:13.224	161.7	11.8	1265
11:05:14.224	162.1	32.2	1254
11:05:15.224	162.6	67.8	1247
11:05:16.224	163.1	77.1	1261
11:05:17.224	163.5	65.4	1274
11:05:18.224	164	79.1	1283
11:05:19.224	164.4	55.6	1285
11:05:20.224	164.9	64.4	1292
11:05:21.224	165.4	82.1	1305
11:05:22.224	165.8	95.4	1334
11:05:23.224	166.3	95.7	1385
11:05:24.224	166.7	99.6	1659
11:05:25.224	167.2	99.6	1847
11:05:26.224	167.6	99.6	2025
11:05:27.224	168.1	89.8	2202
11:05:28.224	168.6	82.2	2339
11:05:29.224	169	87.1	2478
11:05:30.224	169.5	82.1	2616
11:05:31.224	169.9	87.9	2303
11:05:32.224	170.4	86	2350
11:05:33.224		79.7	2246
11:05:34.224		76.6	2070
11:05:35.224		73.6	2085
11:05:36.224		52.8	1902
11:05:37.224		74.5	1775
11:05:38.224		85.9	1782
11:05:39.224		69.8	1783
11:05:40.224		54.7	1780
11:05:41.224	175	54.5	1772
11:05:42.224	175.5	42.4	1761
11:05:43.224	176	1	1742
11:05:44.224	176.5	28.8	1728
11:05:45.224	177	46	1708
11:05:46.224	177.5	56.1	1696
11:05:47.224	178	80.2	1696
11:05:48.224	178.5	86.1	1704
11:05:49.224	179	76.2	1715
11:05:50.224	179.6	37	1717
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11:05:53.224	181.1	73.8	1703
11:05:54.224	181.6	71	1699
11:05:55.224	182.1	36.6	1681
11:05:56.224	182.6	12.9	1672
11:05:57.224	183.1	40.8	1657
11:05:58.224	183.6	57.3	1650

9.75516	260.993409	308.2	33.5	0.000042	0.00003	0	21	2
10.68231	249.281096	285.932647	33.6	0.000036	0.00003	0.00004	21	2
10.76726	242.908883	306.77413	33	0.000032	0.00003	0.00003	21	1.6
10.99129	236.667984	306.1	31.4	0.000028	0.00003	0.00004	21.2	1.5
10.605	230.427086	305.744213	29.9	0.000024	0.00003	0.00003	22	1.7
10.25093	224.186187	305.3	27.7	0.00002	0.00003	0.00003	22	1.7
9.26529	225.526921	262.441117	24.9	0.000025	0.00003	0.00005	22	1.5
26.61915	264.147753	303.731398	21.2	0.000096	0.00008	0.0001	22	1.6
40.455	302.768586	303.2	17.9	0.000391	0.0001	0.00014	22	1.5
58.71192	341.389418	302.64304	16.9	0.000879	0.00011	0.00007	22	1.1
82.31694	380.010251	301.683585	17.8	0.001324	0.00028	0.00007	22	2.1
94	402.397116	340.095557	19.9	0.00154	0.00062	0.00001	22	3.9
82.53377	393.270986	302.5	23.1	0.001282	0.00073	0	22	5
55.15657	384.144856	303.089254	26.8	0.000711	0.00044	0	22	4.9
27.68795	375.018726	303.2	30.8	0.000378	0.00022	0	22	3.9
20.49128	365.892596	311.652147	34.3	0.000171	0.00012	0.00002	22	3.5
15.5725	356.525761	311.666733	36.3	0.00009	0.00009	0.00001	22	3.1
18.86907	347.052794	302.5	36.4	0.000061	0.00009	0.00002	22	3
16.68691	337.579827	302.5	35.3	0.000051	0.00007	0.00001	22	2.3
21.961	328.106861	302.5	34	0.000095	0.00006	0.00001	22	1.8
26.95581	323.448236	309.756767	33.1	0.000245	0.00006	0.00004	22	1.3
24.63	330.462741	301.6	32.7	0.000321	0.00006	0.00001	22	1.4
23.25545	337.477246	302.221401	32.8	0.000336	0.00005	0.00003	22	1.4
19.02	344.491751	302.5	33.2	0.000325	0.00006	0.00001	22	1.5
25.63399	351.506257	310.910976	33.5	0.0004	0.00008	0.00002	22	1.8
31.49142	373.950055	309.711877	33.8	0.000465	0.0001	0.00003	22	2
42.39749	403.890701	303.806322	33.7	0.000668	0.00011	0.00002	22	1.6
54.94375	433.831348	304.119692	33.9	0.001032	0.00016	0.00006	22	1.7
78.76571	463.771994	305.484043	34.3	0.001592	0.00047	0	22	3.3
105.21595	492.662193	393.618615	35	0.002102	0.00176	0.00006	22	9.6
120.75597	514.131491	309.479765	36.3	0.002431	0.00582	0	22	27.3
123.83006	535.600789	313.544444	38	0.002188	0.00966	0.00005	22	47
106.88381	557.070088	317.694891	41.1	0.002027	0.01009	0.00001	22	51.3
154.21355	578.539386	347.310419	44.9	0.00245	0.01213	0	22	49.4
130.07528	586.803672	381.07916	45.7	0.002037	0.01013	0	22	48.9
122.00111	584.859827	334.887766	50.3	0.00205	0.00883	0	22	42.4
119.5251	582.915983	340.38359	55.1	0.00201	0.00816	0.00005	22	40.3
105.93948	580.972138	345.627527	57.8	0.001735	0.00623	0	22	35.1
86.33961	579.028294	422.678341	60.3	0.001446	0.00406	0.00003	22	27.1
80.78219	567.25143	357.557253	64.3	0.001226	0.00271	0	22	19.9
42.55252	554.779728	358.489351	66.4	0.000737	0.00114	0	22	13.3
43.00321	542.308026	360.316981	66.7	0.000657	0.00069	0.00001	22	9.2
46.0237	529.836324	361.72895	67.7	0.000746	0.00051	0.00004	22	6.5
30.7969	516.559789	431.587791	68.3	0.000521	0.00025	0.00014	22	4.4
28.31947	493.356971	364.014655	68.6	0.000408	0.0002	0.00002	22	3.9
26.51774	470.154154	364.6	68.9	0.000357	0.00016	0.00004	22	3.3
23.79656	446.951336	365.06206	68.9	0.000305	0.00012	0	22	2.9
20.98383	423.748519	365.4	68.7	0.000227	0.0001	0.00003	22	2.5
21.62891	408.462922	384.102731	68.5	0.000155	0.00012	0.00003	22	3.1
21.38931	417.184384	367	67.9	0.000126	0.00011	0	22	2.9
26.66617	425.905845	367.75192	67.2	0.00024	0.00013	0.00006	22	2.6
42.9336	434.627306	369.096999	66.5	0.000586	0.00017	0	22	2.1
63.74616	443.348767	393.089242	65.9	0.000991	0.00016	0.00021	22	1.5
62.3116	444.167787	374.915303	65.6	0.001016	0.0003	0.00009	22	2.8
35.11375	443.785052	377.985566	65.6	0.000428	0.00023	0.00001	22	4.3
26.23617	443.402318	378.950877	66	0.000336	0.00025	0	22	4.5
34.76203	443.019583	379.4	66.5	0.000373	0.00021	0	22	3.9
30.50858	440.491756	411.62327	66.4	0.000402	0.00013	0.00003	22	2.4
31.28036	427.108458	382.076596	66.2	0.000436	0.0001	0	22	1.9
25.52107	413.725161	383.059016	65.9	0.000375	0.00007	0.00003	22	1.6
22.60966	400.341863	383.4	65.7	0.000275	0.00006	0	22	1.4
22.57	386.958565	383.4	65.7	0.000182	0.00007	0.00001	22	1.7
26.3061	386.232813	383.303226	65.3	0.000212	0.0001	0	22	2.3

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10.661593	1	1.65963
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8.576522	1	1.65969
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385.982886	1	1.66026
495.638496	1	1.66088
451.27957	1	1.66161
345.228547	1	1.66205
239.177525	1	1.66227
133.126502	1	1.66239
27.07548	1	1.66248
70.563864	1	1.66257
118.518409	1	1.66264
166.472955	1	1.6627
214.4275	1	1.66276
236.506928	1	1.66282
239.14603	1	1.66287
241.785133	1	1.66293
244.424236	1	1.66301
250.231788	1	1.66311
384.889625	1	1.66322
519.547461	1	1.66338
654.205298	1	1.66385
788.863135	1	1.66561
855.592284	1	1.67143
852.742657	1	1.68109
849.893029	1	1.69118
847.043402	1	1.70331
844.193775	1	1.71344
764.680851	1	1.72227
679.574468	1	1.73043
594.468085	1	1.73666
509.361702	1	1.74072
429.737114	1	1.74343
374.262058	1	1.74457
318.787001	1	1.74526
263.311944	1	1.74577
207.836887	1	1.74602
164.318661	1	1.74622
142.619963	1	1.74638
120.921265	1	1.7465
99.222567	1	1.7466
77.523869	1	1.74672
119.34229	1	1.74683
220.977804	1	1.74696
322.613318	1	1.74713
424.248832	1	1.74729
486.1	1	1.74759
418.440426	1	1.74782
350.780851	1	1.74807
283.121277	1	1.74828
215.461702	1	1.74841
182.770372	1	1.74851
180.472002	1	1.74858
178.173631	1	1.74864
175.875261	1	1.74871
173.576891	1	1.74881

11:05:59.224	184.1	61.1	1643
11:06:00.224	184.7	66.4	1638
11:06:01.224		78.1	1639
11:06:02.224		90.7	1646
11:06:03.224		82.9	1663
11:06:04.224		71.2	1679
11:06:05.224		64.8	1686
11:06:06.224		71.7	1690
11:06:07.224		49	1689
11:06:08.224		18.7	1673
11:06:09.224	176.9	28.4	1656
11:06:10.224	175.9	51.7	1640
11:06:11.224	174.9	65.4	1627
11:06:12.224	174	83.9	1619
11:06:13.224	173	95	1622
11:06:14.224	172	86.6	1633
11:06:15.224	171	85.6	1654
11:06:16.224	170.1	85.9	1671
11:06:17.224	169.1	88.3	1684
11:06:18.224	168.1	90.7	1692
11:06:19.224	167.1	73.7	1699
11:06:20.224	166.2	54.5	1699
11:06:21.224	165.2	57.3	1689
11:06:22.224	164.2	68.7	1680
11:06:23.224	163.2	92	1674
11:06:24.224	162.3	89.8	1675
11:06:25.224	161.3	79.6	1671
11:06:26.224	160.3	75.4	1668
11:06:27.224	159.3	15.3	1653
11:06:28.224	158.4	40.2	1639
11:06:29.224		80.5	1628
11:06:30.224		87.2	1631
11:06:31.224		81.6	1643
11:06:32.224		84.3	1649
11:06:33.224		81	1658
11:06:34.224		60.9	1660
11:06:35.224		59.6	1657
11:06:36.224	157	73.1	1656
11:06:37.224	156.9	93	1657
11:06:38.224	156.7	58.1	1656
11:06:39.224	156.6	52.6	1651
11:06:40.224	156.5	33.5	1636
11:06:41.224	156.3	5.3	1618
11:06:42.224	156.2	13.4	1599
11:06:43.224	156.1	46.6	1588
11:06:44.224	155.9	49.5	1579
11:06:45.224	155.8	71.9	1576
11:06:46.224	155.7	92.1	1583
11:06:47.224	155.6	87.3	1595
11:06:48.224	155.4	84.2	1608
11:06:49.224	155.3	84	1622
11:06:50.224	155.2	69.1	1633
11:06:51.224	155	82.2	1640
11:06:52.224	154.9	65.4	1646
11:06:53.224	154.8	84.6	1648
11:06:54.224	154.6	87.3	1663
11:06:55.224	154.5	72.4	1681
11:06:56.224		89.9	1691
11:06:57.224		80.1	1700
11:06:58.224		60	1699
11:06:59.224		52.9	1696
11:07:00.224		49	1685
11:07:01.224		58.8	1676

27.6177	398.420313	384.9	64.6	0.000279	0.00008	0	22	1.8
29.11443	410.607813	385.598507	64.1	0.000358	0.00007	0	22	1.4
34.47393	422.795313	385.896747	63.8	0.000491	0.00007	0	22	1.3
51.71509	434.982813	394.151777	63.6	0.000783	0.00009	0	22	1.1
67.99181	442.214539	396.322039	63.4	0.001086	0.00023	0	22	2.2
56.33595	447.271429	390.244537	63.4	0.001041	0.00064	0	22	5.8
40.35888	452.328319	391.1	63.8	0.000694	0.00058	0	22	7.2
30.66664	457.385209	391.1	64.5	0.00048	0.00036	0	22	6.3
34.3113	462.442099	416.846575	65.1	0.000481	0.00024	0.00007	22	4.3
22.29079	447.477727	391.793023	65.4	0.000361	0.00013	0	22	3.1
18.94133	431.437397	391.1	65.4	0.000251	0.00009	0.00001	22	2.5
23.83775	415.397067	390.600735	65.2	0.000214	0.00009	0	22	2.3
30.43644	399.356737	390.516797	64.5	0.000271	0.00009	0	22	1.8
35.17384	407.163952	390.916083	63.9	0.00041	0.00009	0	22	1.5
57.28418	431.888656	390.4	63.3	0.000837	0.00011	0.00002	22	1.2
70.97547	456.61336	391.068643	62.8	0.001186	0.00023	0.00007	22	2
72.24549	481.338064	390.552174	62.5	0.001287	0.00077	0	22	6.2
62.4528	506.062768	419.111405	62.7	0.001063	0.00125	0	22	11.5
51.05608	506.414174	402.80544	63.2	0.000876	0.00112	0	22	12.6
62.57406	499.567248	390.4	64	0.000997	0.00091	0	22	9.3
46.42398	492.720323	389.6	64.8	0.000839	0.00055	0	22	6.5
33.24198	485.873397	389.001577	65.1	0.000499	0.00031	0	22	5.4
20.57349	479.909481	433.397778	65.4	0.000393	0.00019	0	22	3.9
31.79841	477.809913	387.708547	65.6	0.000419	0.00017	0	22	3.2
39.93491	475.710346	387.2	65.6	0.000608	0.00014	0.00006	22	2
46.39162	473.610779	386.434375	65.2	0.00072	0.00012	0	22	1.6
38.55617	471.511212	393.606164	64.9	0.000619	0.00013	0.00004	22	2
31.65807	466.291306	403.473881	64.7	0.000495	0.00011	0	22	2
24.81411	458.678773	385.241489	64.8	0.000428	0.00011	0	22	2.1
25.38777	451.06624	385.56373	64.6	0.000304	0.00009	0.00001	22	1.9
41.41327	443.453707	384.9	64.4	0.000394	0.0001	0	22	1.8
54.6831	436.384707	404.85493	63.9	0.000763	0.00018	0.0001	22	2
50.21689	444.75844	384.9	63.2	0.000885	0.00018	0	22	2
44.20137	453.132173	385.24361	62.9	0.000808	0.00018	0	22	2.2
52.04284	461.505906	385.023994	63.1	0.00089	0.00019	0	22.2	2.2
32.9676	469.879639	389.654987	63.4	0.000554	0.00015	0	23	2.6
26.51115	471.596431	410.650845	63.8	0.000431	0.00013	0	23	2.6
32.26719	466.548912	384.9	64.1	0.000465	0.00011	0	23	2.1
48.07562	461.501394	384.9	64.2	0.000723	0.00013	0.00007	23	1.8
31.03759	456.453875	385.7	64.1	0.000564	0.00009	0.00006	23	1.5
22.98456	451.406357	397.631111	64	0.000414	0.00008	0.00007	23	1.7
22.62224	434.510354	388.874783	64.1	0.000287	0.00007	0.00002	23	1.8
17.58273	413.893211	384.1	64	0.00021	0.00008	0.00005	23	2.4
15.25151	393.276069	384.1	63.8	0.000151	0.00008	0.00007	23	2.6
21.67182	372.658926	383.441944	63.3	0.000141	0.0001	0.00008	23	2.5
25.65534	368.080062	375.342811	62.9	0.000157	0.00007	0.00006	23	1.9
31.50787	389.012865	383.4	61.9	0.00031	0.00008	0.00002	23	1.5
50.90573	409.945668	383.931959	61.3	0.000646	0.0001	0.00009	23	1.3
52.50326	430.87847	384.230261	61	0.000892	0.0001	0	23	1.1
44.29016	451.811273	406.343925	60.9	0.000849	0.00013	0.00012	23	1.6
66.32315	457.269847	386.414767	61.1	0.001071	0.00031	0.00023	23	2.9
48.14438	460.251107	387.2	61.8	0.00073	0.00035	0.00008	23	4.4
46.106	463.232368	387.2	62.3	0.000705	0.00037	0.00003	23	4.8
30.16374	466.213629	387.76122	63	0.000526	0.00025	0	23	4.2
45.51166	470.206432	427.935242	63.3	0.000751	0.00021	0.00004	23	2.7
65.73204	479.281322	388.243024	63.5	0.001111	0.00028	0	23	2.6
53.80175	488.356211	388.7	63.6	0.000951	0.00043	0.00006	23	4.6
46.92965	497.431101	388.723555	63.8	0.000795	0.0004	0	23	4.9
52.0791	506.505991	399.672066	64.4	0.000755	0.00031	0.00003	23	4.1
25.82771	499.904216	408.963216	65	0.000448	0.00018	0.00004	23	3.4
28.32986	483.93651	389.649583	65.5	0.000388	0.00015	0	23	3.1
26.90757	467.968805	388.7	65.8	0.000356	0.00011	0.00006	23	2.2
27.91042	452.001099	389.296867	65.6	0.000364	0.0001	0	23	2

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263.648276	1	1.74896
315.476907	1	1.74903
367.305538	1	1.74912
419.134169	1	1.74935
371.750593	1	1.74999
320.661996	1	1.75057
269.573399	1	1.75093
218.484803	1	1.75117
182.032511	1	1.7513
175.9787	1	1.75139
169.924888	1	1.75148
163.871076	1	1.75157
157.817265	1	1.75166
260.066126	1	1.75177
379.217717	1	1.752
498.369308	1	1.75277
617.520898	1	1.75402
723.009313	1	1.75514
598.17561	1	1.75605
473.341907	1	1.7566
348.508204	1	1.75691
223.674501	1	1.7571
165.818438	1	1.75727
163.654404	1	1.75741
161.49037	1	1.75753
159.326336	1	1.75766
157.162303	1	1.75777
199.86734	1	1.75788
246.210411	1	1.75797
292.553481	1	1.75807
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354.869641	1	1.75843
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284.27631	1	1.7588
248.979645	1	1.75895
213.68298	1	1.75908
195.713483	1	1.75919
183.397148	1	1.75932
171.080812	1	1.75941
158.764477	1	1.75949
149.014992	1	1.75956
157.070486	1	1.75964
165.125979	1	1.75972
173.181472	1	1.75982
181.236966	1	1.75989
208.08009	1	1.75997
244.731674	1	1.76007
281.383258	1	1.76017
318.034842	1	1.7603
338.380881	1	1.76061
306.232702	1	1.76096
274.084522	1	1.76133
241.936342	1	1.76158
209.788163	1	1.76179
201.166008	1	1.76207
212.584541	1	1.7625
224.003074	1	1.7629
235.421607	1	1.76321
246.840141	1	1.76339
224.85265	1	1.76354
202.390836	1	1.76365
179.929021	1	1.76375

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11:07:03.224	153.9	45.6	1668
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11:07:09.224	153.5	74.5	1746
11:07:10.224	153.4	74.5	1755
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11:07:13.224	153.2	74.1	1779
11:07:14.224	153.2	43.2	1778
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11:07:19.224	152.8	58.3	1767
11:07:20.224	152.8	62.2	1773
11:07:21.224	152.7	83.8	1777
11:07:22.224	152.6	58.1	1780
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11:07:27.224		69.2	1773
11:07:28.224		51.6	1770
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11:07:31.224	153.1	89.4	1773
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11:07:33.224	153.3	71.4	1793
11:07:34.224	153.3	69.8	1795
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11:07:36.224	153.5	70.8	1783
11:07:37.224	153.5	82.6	1781
11:07:38.224	153.6	80.7	1778
11:07:39.224	153.7	80.9	1779
11:07:40.224	153.7	78.6	1776
11:07:41.224	153.8	80.1	1776
11:07:42.224	153.9	80.8	1776
11:07:43.224	153.9	80.5	1771
11:07:44.224	154	78.6	1769
11:07:45.224	154.1	77.7	1770
11:07:46.224	154.1	69.5	1768
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11:08:00.224	155	82.3	1765
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11:08:02.224	155.2	82.7	1771
11:08:03.224	155.2	76.6	1774
11:08:04.224	155.3	85.9	1779

28.30249	441.372293	413.894651	65.4	0.000377	0.00011	0.00008	23	2.2
22.85881	457.374046	389.282577	65.1	0.000356	0.00011	0.00002	23	2.2
40.402	473.3758	388.7	64.9	0.000577	0.00013	0.00002	23	1.7
72.60658	489.377554	388.714547	64.7	0.001135	0.00022	0.00004	23	1.9
93.05914	505.379307	398.000938	64.3	0.001538	0.00087	0	23	6
91.40545	514.579683	417.411788	64.2	0.001501	0.00226	0	23	15.1
90.64636	519.339489	393.89258	64.6	0.001391	0.00299	0	23	20.8
66.4204	524.099295	395.069896	65.3	0.001241	0.0025	0	23	19.7
75.99165	528.859101	396.173307	66.1	0.001239	0.00218	0	23	16.6
51.98012	532.405054	456.581343	66.9	0.00087	0.00128	0	23	13.5
60.08142	519.047653	397.602586	67.6	0.000891	0.00093	0	23	9.7
47.53382	505.690253	398.2	68.1	0.000804	0.00056	0	23	6.5
27.55081	492.332852	398.828233	68.4	0.000436	0.00025	0.00006	23	4.7
27.255	478.975451	404.487715	68.7	0.000349	0.00017	0	23	3.7
29.14724	474.846396	409.163918	68.9	0.000369	0.00015	0	23	3
31.71038	476.021823	398.2	68.7	0.000452	0.00013	0	23	2.2
47.90361	477.19725	398.2	68.3	0.000758	0.00013	0	23	1.6
49.74392	478.372677	399.066129	68	0.000818	0.00012	0.00003	23	1.4
42.63823	477.927575	437.318896	68	0.0006	0.00016	0.00001	23	2.4
42.50728	466.241663	399.986265	68.1	0.000585	0.00016	0.00002	23	2.4
36.51467	454.555751	400.021026	68.4	0.000525	0.00013	0.00002	23	2.2
24.6741	442.869838	399.7	68.6	0.000393	0.00011	0.00006	23	2.1
30.45003	431.183926	405.783307	68.7	0.000361	0.00009	0.00002	23	1.8
35.38053	431.573226	402.24625	68.7	0.000459	0.0001	0.00005	22.8	1.7
62.4783	435.057179	400.437872	68.5	0.000756	0.00013	0.00003	22.2	1.5
54.96565	438.541132	400.5	68.2	0.000817	0.00014	0	23	1.6
27.34104	442.025084	400.922374	68	0.000473	0.00008	0.00002	23	1.4
30.84851	445.79333	419.341379	68.3	0.000424	0.00012	0	23	2.2
37.35736	454.015504	400.5	68.6	0.000512	0.00013	0.00003	22.8	2
57.4848	462.237678	400.87641	68.4	0.000866	0.00013	0.00008	22	1.4
58.16171	470.459851	401.902051	68.4	0.000974	0.00016	0.00017	22	1.6
48.68084	478.682025	405.757838	68.4	0.000798	0.00017	0.00004	22	2
43.86834	481.083683	425.117368	68.6	0.000685	0.00011	0	22	1.5
39.87864	477.354079	402.646506	69.1	0.000475	0.0001	0	22	1.7
34.41475	473.624476	402.134286	69.4	0.000479	0.0001	0	22	1.7
43.48353	469.894872	402.1	69.5	0.000624	0.00014	0.00004	22	1.9
44.60743	466.165268	416.475589	69.1	0.000696	0.0001	0	22	1.4
44.39651	466.958046	405.45081	68.8	0.000695	0.00009	0.00002	22	1.3
43.87747	469.11696	402.890628	68.8	0.000707	0.0001	0.00001	22	1.3
43.83	471.275874	402.556986	68.8	0.000705	0.00011	0	22	1.5
45.17518	473.434787	402.9	68.8	0.000739	0.0001	0	22	1.3
44.99838	473.906149	432.325543	68.7	0.000743	0.0001	0	22	1.3
44.8	469.92851	402.1	68.7	0.000739	0.00013	0.00004	22	1.6
43.85982	465.950871	402.1	68.6	0.000682	0.00011	0	22	1.5
36.49223	461.973232	402.059957	68.5	0.000551	0.0001	0.00002	22	1.6
33.06401	457.995592	406.017629	68.4	0.0005	0.00009	0.00001	22	1.6
34.82654	460.446988	409.636842	68.4	0.00053	0.00008	0.00001	22	1.4
36.61783	466.772289	401.218806	68.2	0.000599	0.00009	0.00004	22	1.4
45.77473	473.09759	400.5	68.1	0.000782	0.0001	0	22	1.3
55.09306	479.422892	400.5	67.9	0.000924	0.0001	0.0002	22	1.1
51.2184	482.650116	434.702831	67.8	0.000908	0.00011	0.00003	22	1.2
41.03557	478.916726	400.187141	67.8	0.000641	0.00011	0.00002	22	1.6
31.18829	475.183337	399.7	67.9	0.000468	0.0001	0	22	1.8
29.05906	471.449947	400.472254	68.1	0.000491	0.00009	0.00004	22	1.6
47.29705	467.716558	405.526184	67.9	0.00079	0.0001	0.0001	22	1.2
60.0926	469.257281	412.5	67.7	0.000977	0.0001	0	22	1.1
49.97296	474.825678	398.9	67.5	0.000923	0.00013	0.00005	22	1.4
49.92343	480.394074	398.8837	67.3	0.000849	0.00012	0	22	1.5
48.70844	485.962471	398.2	67.6	0.000815	0.00011	0.00002	22	1.3
48.13368	491.530868	419.373832	67.9	0.000816	0.00013	0	22	1.6
51.10063	493.994907	405.174142	68.1	0.000841	0.00015	0	22	1.7
45.995	495.721278	396.66026	68.3	0.000725	0.00013	0	22	1.7
48.31686	497.447648	397.002759	68.5	0.000804	0.00014	0	22	1.7

157.467206	1	1.76386
130.043982	1	1.76397
98.291139	1	1.7641
66.538297	1	1.76432
34.785454	1	1.76519
3.032611	1	1.76745
125.484678	1	1.77044
270.369761	1	1.77294
415.254845	1	1.77512
560.139928	1	1.7764
592.80474	1	1.77733
479.71219	1	1.77789
366.619639	1	1.77814
253.527088	1	1.77831
141.130878	1	1.77846
167.306566	1	1.77859
193.482254	1	1.77872
219.657941	1	1.77884
245.833629	1	1.779
229.837283	1	1.77916
171.159783	1	1.77929
112.482284	1	1.7794
53.804784	1	1.77949
-1	1	1.77959
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-1	1	1.77986
-1	1	1.77994
-1	1	1.78006
19.754807	1	1.78019
72.033917	1	1.78032
124.313027	1	1.78048
176.592137	1	1.78065
228.871246	1	1.78076
236.022683	1	1.78086
229.541802	1	1.78096
223.06092	1	1.7811
216.580039	1	1.7812
209.733556	1	1.78129
200.622444	1	1.78139
191.511333	1	1.7815
182.400222	1	1.7816
173.289111	1	1.7817
162.826425	1	1.78183
151.600173	1	1.78194
140.373921	1	1.78204
129.147668	1	1.78213
118.126069	1	1.78221
136.135975	1	1.7823
154.14588	1	1.7824
172.155786	1	1.7825
190.165691	1	1.78261
213.874217	1	1.78272
241.970175	1	1.78282
270.066134	1	1.78291
298.162092	1	1.78301
326.258051	1	1.78311
302.272221	1	1.78324
274.843885	1	1.78336
247.41555	1	1.78347
219.987214	1	1.7836
194.827333	1	1.78375
192.88726	1	1.78388
190.947187	1	1.78402

11:08:05.224	155.4	83.5	1784
11:08:06.224	155.4	78.8	1789
11:08:07.224	155.5	81.1	1793
11:08:08.224	155.6	89.4	1798
11:08:09.224	155.6	77.5	1802
11:08:10.224	155.7	68.7	1801
11:08:11.224	155.7	71.5	1795
11:08:12.224	155.8	89.2	1789
11:08:13.224	155.9	85.3	1787
11:08:14.224	155.9	81.8	1792
11:08:15.224	156	78.5	1795
11:08:16.224	156.1	71.3	1797
11:08:17.224	156.1	79.7	1799
11:08:18.224	156.2	75.1	1796
11:08:19.224		76.8	1790
11:08:20.224		80.3	1787
11:08:21.224		81.1	1788
11:08:22.224		77.9	1788
11:08:23.224		72.3	1789
11:08:24.224		80.8	1787
11:08:25.224		77.2	1795
11:08:26.224	155.2	84.7	1806
11:08:27.224	155	75.3	1821
11:08:28.224	154.9	65.8	1828
11:08:29.224	154.8	74.3	1831
11:08:30.224	154.7	76	1833
11:08:31.224	154.5	75	1841
11:08:32.224	154.4	74.7	1844
11:08:33.224	154.3	75.3	1849
11:08:34.224	154.1	78.7	1851
11:08:35.224	154	77.7	1856
11:08:36.224	153.9	77.1	1858
11:08:37.224	153.8	71.3	1860
11:08:38.224	153.6	68.9	1860
11:08:39.224	153.5	80.1	1861
11:08:40.224	153.4	71.3	1857
11:08:41.224	153.2	59.5	1853
11:08:42.224	153.1	39.7	1846
11:08:43.224	153	50.6	1832
11:08:44.224	152.8	62.4	1822
11:08:45.224	152.7	61.1	1813
11:08:46.224		75.9	1806
11:08:47.224		85.4	1802
11:08:48.224		86.2	1805
11:08:49.224		85.1	1810
11:08:50.224		80.9	1818
11:08:51.224		80.7	1829
11:08:52.224		49	1837
11:08:53.224	155	13.1	1821
11:08:54.224	155.3	9.1	1798
11:08:55.224	155.6	52.9	1777
11:08:56.224	156	61.3	1764
11:08:57.224	156.3	76.3	1753
11:08:58.224	156.6	82	1751
11:08:59.224	157	82.9	1750
11:09:00.224	157.3	87.7	1755
11:09:01.224	157.6	90.2	1763
11:09:02.224	158	83.6	1772
11:09:03.224	158.3	78.9	1782
11:09:04.224	158.6	86.2	1789
11:09:05.224	159	82.9	1796
11:09:06.224	159.3	75.1	1814
11:09:07.224	159.6	74.6	1828

53.7374	499.174018	396.6	68.6	0.000882	0.0001	0.00005	22	1.1
54.21074	499.987812	447.545501	68.7	0.000885	0.00009	0	22	1
50.40367	496.469487	396.6	68.8	0.000798	0.00011	0.00001	22	1.3
57.86294	492.951162	396.221123	69	0.000909	0.0001	0	22	1.1
51.21606	489.432838	395.7	69.2	0.000884	0.00009	0	22	1
42.35808	485.914513	395.7	69.5	0.000648	0.00008	0	22	1.1
33.72249	486.126279	425.550459	69.5	0.000502	0.00008	0	22	1.4
44.34624	491.956554	395	69.7	0.000688	0.00012	0	22	1.6
60.59395	497.786828	395	69.6	0.000968	0.00014	0	22	1.4
62.22667	503.617102	394.3844	69.4	0.001031	0.00009	0	22	0.9
54.68048	509.447376	421.851026	69.1	0.000964	0.00012	0	22	1.3
43.33009	506.538947	401.130588	69.2	0.000702	0.0001	0	22	1.3
42.50843	500.990702	394.228274	69.4	0.000676	0.00012	0	22	1.6
41.08729	495.442456	394.59651	69.5	0.000653	0.00009	0	22	1.3
39.94394	489.894211	394.2	69.5	0.000633	0.00008	0	22	1.3
45.45378	485.385907	437.095764	69.5	0.000714	0.00009	0	22	1.3
47.19123	484.837384	394.2	69.4	0.00078	0.00009	0.00002	22	1.2
45.83749	484.288861	394.2	69.2	0.000746	0.00008	0	22	1
39.53421	483.740338	394.2	69	0.000638	0.00006	0	22	0.9
40.95772	483.191814	396.511797	69	0.000705	0.0001	0	22	1.3
57.91419	482.730687	417.538931	69.2	0.00094	0.00009	0	22	1
63.94045	482.368908	393.957235	69	0.001037	0.00009	0	22	0.9
58.48231	482.007129	395	69.2	0.00102	0.00014	0	22	1.3
40.30268	481.64535	395.187731	69.4	0.000575	0.0001	0.00002	22	1.5
36.09242	481.283571	414.978103	70	0.000507	0.0001	0	22	1.7
37.6059	479.235651	399.500147	70.4	0.000587	0.00009	0.00002	22	1.4
40.48147	476.681231	395.7	70.7	0.000632	0.00007	0.00001	22	1
38.04788	474.12681	395.7	70.9	0.000597	0.00006	0	22	0.9
38.34842	471.57239	395.1425	71	0.000593	0.00008	0	22	1.2
43.50608	469.133391	426.769118	71.2	0.000683	0.00009	0	22	1.2
43.8	467.01126	395.7	71.3	0.000725	0.00009	0.00005	22	1.2
42.65684	464.889129	396.257089	71.5	0.000691	0.00007	0	22	0.9
39.45862	462.766999	396.6	71.7	0.000601	0.00006	0.00004	22	0.9
36.39415	460.644868	402.164274	71.8	0.000553	0.00006	0	22	0.9
39.23863	454.694195	408.407885	71.9	0.000607	0.00006	0.00004	22	0.9
39.5268	446.672923	397.366486	71.9	0.000584	0.00006	0.00004	22	0.9
32.55721	438.651651	397.4	71.9	0.000503	0.00007	0.00002	22	1.2
28.65374	430.630379	397.4	71.9	0.000439	0.00006	0.0001	22	1.2
31.01051	424.070637	409.999122	71.9	0.000384	0.00007	0.00004	22	1.3
33.19646	426.795912	396.787354	71.7	0.000401	0.00009	0.00009	22	1.8
30.62	429.521187	397.756701	71.3	0.000423	0.00006	0.00005	22	1.1
37.92425	432.246462	397.513253	70.9	0.000517	0.00007	0.00006	22	1.1
46.1297	434.971736	401.452668	70.5	0.000706	0.00009	0.00006	22	1.2
55.55737	444.015412	405.675939	70.1	0.000895	0.00008	0	22	0.9
56.86427	457.522941	398.2	69.8	0.000999	0.0001	0.00003	22	1
60.36005	471.030469	399.057895	69.7	0.001073	0.00014	0	22	1.3
66.23963	484.537998	399.284	69.9	0.00112	0.00015	0	22	1.3
64.38348	495.480772	442.468895	70.1	0.000902	0.00017	0	22	1.6
26.33854	472.34894	399.7	70.3	0.000365	0.00011	0	22	2
26.25181	449.217109	399.322023	70.8	0.000186	0.00012	0.00001	22	2.5
28.58859	426.085278	398.9	71	0.000133	0.0001	0	22	2.3
30.87603	402.953446	398.316667	70.4	0.000219	0.00008	0.00003	22	1.7
36.54072	404.397908	397.305995	69.4	0.000412	0.00007	0	22	1.1
42.22314	423.133697	398.7575	68.6	0.000587	0.00007	0.00003	22	1
45.96501	441.869486	398.272197	68.1	0.000733	0.00009	0	22	1.1
54.62653	460.605275	398.523149	67.8	0.000902	0.0001	0	22	1.1
58.30579	477.245045	435.519474	67.7	0.00106	0.00011	0	22	1.1
65.08465	484.890785	398.2	67.7	0.001146	0.00012	0	22	1.1
52.83517	492.536525	397.744792	67.9	0.000891	0.00011	0.00003	22	1.2
50.13333	500.182265	398.172082	68.1	0.000874	0.00014	0	22	1.7
60.41692	507.828004	414.980763	68.6	0.001094	0.00018	0.00014	22	1.7
77.64894	508.378865	404.375448	68.9	0.0013	0.00019	0.00005	22	1.5
71.50292	506.292259	395.558355	69.2	0.001199	0.00028	0	22	2.3

189.007114	1	1.78412
187.06704	1	1.78421
187.036215	1	1.78432
189.338916	1	1.78442
191.641616	1	1.78451
193.944317	1	1.78459
196.247017	1	1.78467
201.007719	1	1.78479
206.962726	1	1.78493
212.917733	1	1.78502
218.872739	1	1.78514
221.847742	1	1.78524
206.363871	1	1.78536
190.88	1	1.78545
175.396129	1	1.78553
159.912258	1	1.78562
151.578448	1	1.78571
150.716379	1	1.78579
149.85431	1	1.78585
148.992241	1	1.78595
148.130172	1	1.78604
146.737949	1	1.78613
145.251433	1	1.78627
143.764918	1	1.78637
142.278403	1	1.78647
139.942222	1	1.78656
132.386667	1	1.78663
124.831111	1	1.78669
117.275556	1	1.78677
109.72	1	1.78686
107	1	1.78695
107	1	1.78702
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107	1	1.78714
107	1	1.7872
102.970745	1	1.78726
98.538121	1	1.78733
94.105496	1	1.78739
89.672872	1	1.78746
88.870121	1	1.78755
93.580754	1	1.78761
98.291386	1	1.78768
103.002019	1	1.78777
107.712651	1	1.78785
126.335865	1	1.78795
145.862877	1	1.78809
165.389889	1	1.78824
184.916902	1	1.78841
193.638441	1	1.78852
180.421595	1	1.78864
167.204749	1	1.78874
153.987903	1	1.78882
140.771057	1	1.78889
165.182769	1	1.78896
195.416913	1	1.78905
225.651057	1	1.78915
255.885201	1	1.78926
276.277536	1	1.78938
285.437142	1	1.78949
294.596748	1	1.78963
303.756354	1	1.78981
309.807979	1	1.79
287.887769	1	1.79028

11:09:08.224	160	74.8	1839
11:09:09.224	160.3	71.1	1833
11:09:10.224	160.6	83.3	1835
11:09:11.224	161	82.9	1839
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11:09:13.224		82.3	1847
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11:09:16.224		79.8	1864
11:09:17.224		63.8	1871
11:09:18.224		53.9	1866
11:09:19.224		55.5	1860
11:09:20.224	165.9	60.7	1851
11:09:21.224	166.5	71.4	1851
11:09:22.224	167.1	66.6	1853
11:09:23.224	167.7	54.9	1855
11:09:24.224	168.4	54.4	1850
11:09:25.224	169	43.2	1851
11:09:26.224	169.6	45.8	1850
11:09:27.224	170.2	33.5	1844
11:09:28.224	170.8	55.6	1851
11:09:29.224	171.4	45.7	1853
11:09:30.224	172	49.1	1857
11:09:31.224	172.6	65.1	1867
11:09:32.224	173.2	60.9	1879
11:09:33.224	173.8	55.1	1887
11:09:34.224	174.4	62.2	1894
11:09:35.224	175	63.2	1907
11:09:36.224	175.6	57.8	1914
11:09:37.224	176.2	13.3	1907
11:09:38.224	176.8	0	1896
11:09:39.224	177.4	0	1880
11:09:40.224		0	1865
11:09:41.224		1.4	1856
11:09:42.224		13.3	1849
11:09:43.224		49.6	1847
11:09:44.224		12.1	1841
11:09:45.224		12.4	1834
11:09:46.224		6.3	1828
11:09:47.224	169.9	12	1823
11:09:48.224	168.8	50	1826
11:09:49.224	167.7	48.4	1822
11:09:50.224	166.6	48.6	1824
11:09:51.224	165.6	52.7	1829
11:09:52.224	164.5	53.8	1834
11:09:53.224	163.4	16	1837
11:09:54.224	162.4	14.5	1831
11:09:55.224	161.3	16.1	1828
11:09:56.224	160.2	33.6	1825
11:09:57.224	159.2	43.4	1829
11:09:58.224	158.1	48.8	1831
11:09:59.224	157	36.1	1837
11:10:00.224	155.9	22.5	1833
11:10:01.224	154.9	22.2	1828
11:10:02.224	153.8	34.8	1826
11:10:03.224	152.7	54.9	1819
11:10:04.224	151.7	47.5	1817
11:10:05.224	150.6	41.3	1814
11:10:06.224	149.5	37	1802
11:10:07.224		34.1	1795
11:10:08.224		48.8	1787
11:10:09.224		57.5	1777
11:10:10.224		77.2	1773

52.50191	504.205654	395	69.5	0.000865	0.00021	0	22	2.3
44.78379	502.119049	394.341343	70.1	0.000716	0.00014	0	22	1.8
45.35549	501.030198	439.705699	70.2	0.000752	0.00013	0.00001	22	1.6
54.44952	502.611809	393.4	71	0.000985	0.00015	0	22	1.6
58.84836	504.19342	393.04557	71	0.001017	0.00013	0.00003	22	1.3
54.80191	505.775032	392.7	71	0.000964	0.00013	0	22	1.3
49.10396	507.356643	392.7	71.1	0.00082	0.00013	0	22	1.5
60.52642	504.875471	419.004412	71.3	0.000991	0.00018	0	22	1.8
56.32313	498.791453	391.971429	71.6	0.000964	0.00013	0	22	1.4
46.85412	492.707436	392.7	71.9	0.00073	0.00011	0	22	1.4
30.72047	486.623419	391.932476	71.9	0.00045	0.00008	0	22	1.5
30.99989	479.426638	424.03	72.2	0.000399	0.00009	0	22	1.8
33.40376	470.474672	391.9	72.5	0.000386	0.00008	0	22	1.5
40.0544	461.522707	391.204843	72.3	0.000485	0.00007	0.00001	22	1.1
37.80104	452.570742	391.9	72	0.000512	0.00007	0	22	1.1
27.38819	443.618777	403.361538	71.7	0.000414	0.00007	0	22	1.4
30.37721	431.520014	395.527968	71.6	0.00039	0.00008	0.00001	22	1.6
27.934	418.673496	391.254941	71.7	0.000376	0.00009	0.00001	22	1.9
27.91369	405.826978	391.9	71.7	0.000311	0.00008	0.00005	22	1.7
26.70981	392.98046	391.9	71.7	0.000264	0.00007	0.00001	22	1.4
30.94868	385.560685	389.261876	71.6	0.000287	0.00007	0.00007	22	1.3
30.10968	387.341507	391.572103	71.6	0.00032	0.00006	0.00003	22	1.1
27.65762	389.122329	391.9	71.5	0.000338	0.00006	0.00003	22	1.2
33.61502	390.903151	392.7	71.6	0.000378	0.00006	0.00004	22	1.1
32.3472	392.683973	392.7	71.8	0.000419	0.00006	0.00002	22	1.1
28.37552	392.356499	392.7	71.9	0.000403	0.00006	0.00006	22	1.2
34.0834	392.009879	392.7	72.3	0.000464	0.00009	0.00004	22	1.4
35.494	391.663258	393.184141	72.7	0.000486	0.00007	0.00005	22	1.2
34.06695	391.316638	393.4	73	0.00046	0.00007	0.00001	22	1.1
27.51094	382.718141	393.131034	73.3	0.00031	0.00007	0.00006	22	1.4
22.35062	360.366517	394.2	73.7	0.000138	0.00007	0.00005	22	1.9
20.55716	338.014894	393.506038	74	0.000071	0.00008	0.00002	22	2.2
19.921	315.66327	393.4	73.7	0.00004	0.00006	0.00002	22	1.9
19.31116	293.311646	362.934677	73.3	0.000027	0.00005	0	22	1.7
19.44975	286.934306	392.794664	72.6	0.00003	0.00006	0.00002	22	1.7
25.60773	282.136841	393.126906	72.1	0.000057	0.00006	0	22	1.5
24.6832	277.339375	393.217353	71.8	0.000122	0.00005	0.00002	22	1.3
27.74734	272.54191	388.981575	71.5	0.00012	0.00005	0.00002	22	1.2
22.58389	270.1	358.635573	71.5	0.000084	0.00005	0.00002	22	1.3
24.6448	270.1	393.4	71	0.000064	0.00006	0.00004	22	1.5
22.81789	270.1	393.4	70.9	0.000063	0.00007	0.00003	22	1.8
25.60094	270.1	393.4	70.7	0.000098	0.00006	0.0001	22	1.5
25.36382	270.1	347.89724	70.5	0.000179	0.00005	0.00004	22	1.2
29.91353	272.209844	394.2	70.5	0.000253	0.00006	0.00005	22	1.1
28.86928	274.323915	394.2	70.5	0.000316	0.00006	0.00004	22	1.1
28.22471	276.437987	394.2	70.7	0.000315	0.00006	0.00006	22	1.1
24.18688	278.552059	391.909795	70.9	0.000227	0.00005	0.00006	22	1.2
25.56993	279.286106	361.531667	71.1	0.000148	0.00007	0.00001	22	1.5
24.16174	278.380429	394.2	71	0.000086	0.00007	0.00007	22	1.9
24.71355	277.474751	393.4	70.6	0.000108	0.00007	0.00002	22	1.6
28.44719	276.569074	393.4	70.5	0.000188	0.00006	0.00007	22	1.3
23.80277	275.663397	352.645608	70.5	0.00023	0.00006	0.00003	22	1.2
24.22011	271.872461	393.318026	70.7	0.000204	0.00005	0.0001	22	1.2
23.09537	267.864355	392.7	70.9	0.000159	0.00005	0.00009	22	1.2
21.605	263.856249	392.030781	70.9	0.000124	0.00005	0.00005	22	1.4
28.37654	259.848142	387.296866	70.9	0.000149	0.00005	0.00009	22	1.2
27.14951	257.8	353.439685	70.7	0.000185	0.00006	0.00004	22	1.4
27.42501	257.8	390.625565	70.5	0.000217	0.00008	0.00012	22	1.6
29.05673	257.8	390.4	70.5	0.000225	0.00006	0.00009	22	1.2
24.31318	257.8	389.266389	70.3	0.00018	0.00005	0.00009	22	1.3
27.77098	257.8	346.843396	70.1	0.000172	0.00007	0.00007	22	1.6
26.9452	278.277902	384.499738	69.8	0.000234	0.00007	0.00006	22	1.5
39.32188	301.031127	387.085422	69.4	0.000415	0.00008	0.00013	22	1.2

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189.500754	1	1.79148
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163.422732	1	1.79172
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92.202667	1	1.79394
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88.878427	1	1.79406
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104.497174	1	1.79484
103.845	1	1.7949
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102.540652	1	1.79502
103.300655	1	1.79509
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46.1604	346.537577	384.614899	68.7	0.000726	0.00009	0.00007	22	1.2
34.75239	367.579065	374.098062	68.5	0.000626	0.00008	0	22	1.2
36.1639	380.322135	380.317628	68.6	0.000529	0.00007	0	22	1.2
35.43844	393.065205	378.286458	68.6	0.000534	0.00008	0	22	1.3
46.26932	405.808275	376.690385	68.4	0.000692	0.00009	0.00001	22	1.2
75.6417	418.551345	374.316009	68.2	0.001122	0.00013	0.00004	22	1.2
69.89653	431.456495	391.507868	67.9	0.001222	0.00014	0	22	1.2
47.1596	444.680515	365.852081	67.5	0.000856	0.00015	0	22	1.7
54.67797	457.904536	362.785039	67.4	0.000737	0.00016	0	22	1.9
61.95707	471.128556	359.661998	67.8	0.001056	0.0002	0.00006	22	1.9
90.44392	484.352577	376.23843	67.8	0.001567	0.00025	0	22	1.7
100.7861	495.296894	377.288457	67.6	0.001689	0.00058	0	22	3.6
103.06873	504.964436	348.486216	67.7	0.0017	0.00109	0	22	6.3
91.86033	514.631977	346.574597	68.1	0.001386	0.00129	0	22	8.7
88.75871	524.299519	345.108971	69	0.001476	0.00133	0	22	8.7
66.10601	533.436329	427.278203	69.9	0.001009	0.00081	0	22	7
40.88203	535.41211	343.174812	70.6	0.000525	0.0004	0	22	5.9
40.96194	537.38789	342.5	70.9	0.0005	0.00027	0	22	4.4
63.58269	539.363671	342.013203	71.2	0.000945	0.00024	0	22	2.4
105.06043	541.339452	343.161538	70.9	0.001856	0.00056	0.00009	22	3.3
116.96216	540.013124	415.273731	70.3	0.001939	0.00164	0.00001	22	9.4
105.66351	532.867056	347.270526	70	0.001689	0.00317	0	22	18.6
64.67182	525.720989	350.573926	70.3	0.001097	0.00253	0	22	20.4
44.60156	518.574921	352.771798	71.3	0.000668	0.00127	0.00002	22	15.2
46.56703	511.428854	402.147619	72.2	0.000652	0.00071	0	22	9
85.88549	515.971948	356.106316	72.5	0.001481	0.00077	0.00008	22	5.2
112.21116	521.642944	357.058917	71.9	0.001928	0.0012	0.00012	22	6.6
76.85697	527.313939	362.217114	71.1	0.001253	0.00181	0	22	13.1
48.05206	532.984935	366.235341	70.6	0.0007	0.00106	0.00004	22	12.6
33.75361	532.960718	438.46933	71	0.000553	0.00056	0	22	8.7
32.8384	519.127561	369.168743	71.4	0.000496	0.00028	0.00005	22	5
29.26597	505.294403	370.1	71.1	0.00044	0.00016	0	22	3.2
32.17886	491.461246	370.869514	70.4	0.000419	0.00013	0.00004	22	2.5
27.30334	477.628089	381.261757	69.6	0.000407	0.00011	0.00004	22	2.1
37.30144	478.649034	392.7	68.4	0.000521	0.00012	0.00002	22	1.9
51.87611	491.483925	374.445957	67.7	0.000842	0.00013	0.00013	22	1.5
64.21066	504.318816	376.446753	66.7	0.00117	0.00016	0.00006	22	1.4
65.91289	517.153707	380.232688	65.9	0.001105	0.00022	0.00012	22	2
55.32016	529.988598	414.854054	65.5	0.001044	0.00026	0	22	2.5
58.2988	534.36484	397.033731	65.4	0.000946	0.00025	0.00002	22	2.6
57.79062	535.799935	388.108718	65.6	0.000974	0.00022	0	22	2.3
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64.53023	538.670124	393.488913	65.7	0.001154	0.00028	0.00007	22	2.4
68.08678	538.602348	465.2	65.7	0.001131	0.00033	0.00005	22	2.9
61.25229	529.527856	398.106204	65.8	0.000903	0.00028	0.00009	22	2.7
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30.04194	482.415268	403.737931	64.9	0.000468	0.0001	0.00002	22	1.8
19.3349	472.324939	404.467958	64.6	0.000305	0.00008	0	22	1.8
31.71404	462.234611	404.411367	64.1	0.000322	0.00012	0.00006	22	2.4
34.71179	453.026766	429.349275	63.3	0.000396	0.0001	0	22	1.8
25.18389	448.008178	405.5	62.6	0.000386	0.00007	0.00003	22	1.4
31.77534	442.989591	405.816962	62.3	0.00039	0.00006	0.00002	22	1.3
27.86091	437.971004	406.895823	62	0.000374	0.00006	0.00001	22	1.3
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30.39667	429.713918	415.2625	61.7	0.000405	0.00007	0.00002	22	1.4
27.80221	430.057045	407.2	61.6	0.000413	0.00007	0.00005	22	1.5
28.19307	430.400172	407.943	61.5	0.000388	0.00007	0.00001	22	1.5
27.62096	430.743298	408	61.6	0.0004	0.00008	0.00005	22	1.6
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11:12:13.224	154.6	77.6	1818
11:12:14.224	154.8	76.3	1819
11:12:15.224	154.9	69.5	1817
11:12:16.224	155	66	1810

39.72465	441.493376	412.562274	61.9	0.000632	0.00009	0.00005	22	1.4
47.12997	456.879589	409.425793	62.1	0.000746	0.0001	0.00003	22	1.4
49.37162	472.265801	409.727132	62.6	0.00083	0.00011	0.00002	22	1.4
58.24833	487.652014	410.697655	63.2	0.000995	0.00012	0.00003	22	1.3
58.62028	503.038227	438.132521	63.9	0.001089	0.00013	0	22	1.3
61.89465	510.90022	412	64.6	0.000968	0.00015	0	22	1.5
40.13704	517.465543	412.078915	65.6	0.000676	0.00017	0	22	2.2
79.04778	524.030866	412.597774	66.7	0.001202	0.00024	0.00001	22	1.9
96.50438	530.596189	412.741974	68.1	0.001552	0.00063	0.00005	22	3.9
91.44864	533.650225	461.60392	68.4	0.001428	0.00121	0	22	7.9
62.40608	529.033108	412	69.1	0.000967	0.00098	0	22	9.3
56.0365	524.415991	411.441138	70.3	0.000906	0.00065	0	22	6.8
51.63603	519.798874	411.110253	71.6	0.000861	0.00036	0.00002	22	4.1
51.63373	515.181757	435.362613	72.4	0.000863	0.00022	0	22	2.4
46.59543	500.299582	409.6	72.9	0.000727	0.00015	0	22	1.9
28.78164	483.937547	409.500747	73.1	0.00042	0.0001	0	22	1.8
25.24161	467.575512	408.313656	73.2	0.000339	0.00009	0.00002	22	1.8
31.13397	451.213477	408	72.7	0.00032	0.00008	0.00005	22	1.6
35.989	447.084615	420.070075	72.6	0.000453	0.00008	0	22	1.2
70.30334	467.458836	407.2	72	0.001045	0.00016	0.00002	22	1.4
80.95597	487.833056	407.2	71.4	0.001367	0.00033	0	22	2.3
86.28536	508.207277	407.2	71.1	0.001382	0.00057	0	22	3.9
92.80188	528.448992	452.291551	71.1	0.001364	0.00082	0	22	5.7
66.46923	515.696877	406.37983	71.6	0.001045	0.00063	0	22	5.5
49.23646	502.944763	406.912644	72.3	0.000738	0.0003	0	22	3.6
31.53922	490.192648	406.3	73.1	0.000417	0.00013	0	22	2.5
29.437	477.440534	406.3	73.4	0.000415	0.00012	0.00003	22	2.3
34.0746	467.718351	428.361245	73.5	0.000443	0.00009	0	22	1.6
31.0278	462.675987	404.7	72.8	0.00044	0.00007	0.00005	22	1.3
32.37441	457.633623	404.03461	72.3	0.000447	0.00007	0.00002	22	1.3
33.0978	452.591259	403.8	72.2	0.000503	0.00007	0.00004	22	1.2
34.15102	447.548894	407.061127	71.7	0.000477	0.00007	0.00003	22	1.2
28.33859	447.814753	412.205427	71.3	0.000424	0.00006	0.00004	22	1.2
33.22691	452.354017	403.744726	71	0.000442	0.00007	0.00012	22	1.2
40.3823	456.893282	403.564953	70.6	0.000612	0.0001	0.00005	22	1.4
52.47679	461.432547	402.9	70.2	0.000839	0.0001	0.00013	22	1.1
43.98043	464.820073	432.692846	69.8	0.000735	0.0001	0.00001	22	1.2
41.95321	461.577324	403.257085	69.5	0.000641	0.0001	0.00003	22	1.4
36.37523	458.334574	403.163555	69.6	0.00055	0.00007	0.00001	22	1.1
33.39928	455.091825	402.9	69.7	0.00051	0.00007	0.00002	22	1.2
36.05772	451.849075	414.377748	69.7	0.000546	0.00006	0.00002	22	0.9
37.4471	450.553671	405.239118	69.7	0.000579	0.00006	0	22	0.9
37.93637	449.843229	402.9	69.6	0.000605	0.00006	0.00006	22	0.9
37.55929	449.132788	402.1	69.5	0.000596	0.00007	0	22	1
36.9348	448.422347	402.1	69.5	0.000577	0.00007	0.00007	22	1.1
36.9918	447.438333	424.05628	69.4	0.000549	0.00006	0.00002	22	1
31.95504	444.521667	402.1	69.4	0.000499	0.00007	0.00002	22	1.2
30.35205	441.605	401.644503	69.3	0.00046	0.00005	0.00007	22	1
33.85505	438.688333	401.3	69.2	0.000487	0.00006	0.00004	22	1.1
37.47852	435.771667	404.169986	68.8	0.00058	0.00008	0.00015	22	1.2
48.28912	439.320406	408.057522	68.7	0.000798	0.00009	0.00007	22	1.1
55.19244	447.867226	401.3	68.6	0.00092	0.0001	0.00005	22	1.1
42.28753	456.414046	401.3	68.5	0.000738	0.0001	0	22	1.3
42.42917	464.960866	401.3	68.6	0.000671	0.0001	0	22	1.4
57.53983	473.241879	430.183385	68.8	0.00089	0.0001	0.00003	22	1.1
51.64279	474.40517	401.386307	69	0.000926	0.0001	0	22	1.1
50.08445	475.568462	401.95511	69.2	0.000835	0.00009	0.00005	22	1
47.73767	476.731754	401.3	69.4	0.000784	0.00008	0	22	1
45.34057	477.895045	401.3	69.7	0.000725	0.00009	0.00004	22	1.2
42.68512	476.030435	427.989145	70	0.00068	0.00009	0	22	1.3
41.09955	469.508696	400.5	70.2	0.000645	0.00011	0.00001	22	1.6
37.14231	462.986957	400.5	70.3	0.000581	0.00009	0.00002	22	1.4
33.54196	456.465217	400.484	70.3	0.00049	0.00007	0.00002	22	1.2

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193.460465	1	1.82304
230.669767	1	1.82315
267.87907	1	1.82327
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376.196983	1	1.82355
565.421121	1	1.82372
754.645259	1	1.82396
943.869397	1	1.82459
1133.093534	1	1.8258
1072.802064	1	1.82678
834.040596	1	1.82743
595.279128	1	1.82779
356.517661	1	1.82801
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162.069042	1	1.82826
154.766541	1	1.82835
147.464041	1	1.82843
140.16154	1	1.82851
234.238213	1	1.82867
370.940221	1	1.829
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644.344236	1	1.83039
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576.813979	1	1.83132
445.275016	1	1.83145
313.736054	1	1.83157
182.197091	1	1.83166
133.526737	1	1.83173
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113.316211	1	1.83194
106.579368	1	1.832
119.441176	1	1.83207
134.147059	1	1.83217
148.852941	1	1.83227
163.558824	1	1.83237
163.147892	1	1.83247
147.252937	1	1.83254
131.357982	1	1.83261
115.463027	1	1.83267
101.802962	1	1.83273
100.515132	1	1.83279
99.227302	1	1.83286
97.939472	1	1.83293
96.651642	1	1.83299
93.838074	1	1.83306
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80.708972	1	1.83325
76.332604	1	1.83334
96.2	1	1.83344
118.061472	1	1.83354
139.922944	1	1.83364
161.784416	1	1.83374
177.065503	1	1.83384
177.280974	1	1.83393
177.496445	1	1.83401
177.711916	1	1.8341
177.927386	1	1.83419
163.72488	1	1.8343
142.19378	1	1.83439
120.662679	1	1.83446

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11:12:19.224	155.4	68.9	1794
11:12:20.224	155.6	71.4	1790
11:12:21.224	155.7	76.1	1786
11:12:22.224	155.8	76.6	1786
11:12:23.224	155.9	77.2	1785
11:12:24.224	156.1	77	1784
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11:12:28.224		77.9	1787
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11:12:30.224		78.3	1789
11:12:31.224		77.6	1788
11:12:32.224		78.7	1788
11:12:33.224	156.7	71.4	1786
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11:12:35.224	156.8	76.9	1777
11:12:36.224	156.9	83.4	1775
11:12:37.224	157	82.4	1777
11:12:38.224	157	73.9	1782
11:12:39.224	157.1	72.6	1784
11:12:40.224	157.2	82.3	1785
11:12:41.224	157.2	83.4	1790
11:12:42.224	157.3	81.7	1795
11:12:43.224	157.4	71.2	1801
11:12:44.224	157.4	72.4	1803
11:12:45.224	157.5	71.1	1800
11:12:46.224	157.6	74.3	1801
11:12:47.224	157.6	78	1798
11:12:48.224	157.7	77.5	1793
11:12:49.224	157.7	74.1	1792
11:12:50.224	157.8	73.2	1791
11:12:51.224	157.9	74.1	1792
11:12:52.224	157.9	88.7	1794
11:12:53.224		86.5	1799
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11:12:55.224		82.6	1826
11:12:56.224		75.5	1840
11:12:57.224		59.7	1847
11:12:58.224		67.7	1851
11:12:59.224		58	1849
11:13:00.224		44.9	1839
11:13:01.224	162.7	55.3	1831
11:13:02.224	163.3	78.5	1829
11:13:03.224	163.9	66.3	1829
11:13:04.224	164.5	73.8	1827
11:13:05.224	165.1	58.9	1824
11:13:06.224	165.7	46.9	1818
11:13:07.224	166.3	68.7	1813
11:13:08.224	166.9	80.8	1815
11:13:09.224	167.5	39.9	1813
11:13:10.224	168.1	64.6	1810
11:13:11.224	168.7	79	1807
11:13:12.224	169.3	64.8	1807
11:13:13.224	169.9	70.3	1806
11:13:14.224	170.4	90	1810
11:13:15.224	171	89.4	1820
11:13:16.224	171.6	60.9	1823
11:13:17.224	172.2	47.7	1817
11:13:18.224	172.8	25.6	1807
11:13:19.224	173.4	28.7	1795

31.20852	449.943478	409.823828	70.3	0.000466	0.00006	0.00006	22	1.2
32.27696	446.97725	404.355635	70.3	0.000473	0.00006	0.00003	22	1.1
32.40756	444.933485	398.972495	70.1	0.000479	0.00006	0.00011	22	1.1
34.55348	442.889719	398.772316	69.8	0.000517	0.00007	0.00008	22	1.1
37.93686	440.845954	398.2	69.5	0.000576	0.00007	0.00011	22	1.1
39.74653	438.802188	412.359667	69.3	0.000631	0.00008	0.00008	22	1.2
40.4395	442.141586	397.4	69.1	0.000639	0.00008	0.00004	22	1.2
39.77646	445.764309	397.4	69	0.000637	0.00008	0.00003	22	1.2
41.90721	449.387031	397.4	69	0.000664	0.00009	0	22	1.2
43.08085	453.009753	396.7279	69	0.000707	0.00009	0.00003	22	1.2
41.79191	455.65424	421.70557	69	0.00068	0.00009	0	22	1.2
41.63523	455.844555	396.6	69	0.000648	0.00009	0.00003	22	1.3
41.06752	456.03487	396.012484	69.2	0.000638	0.00008	0.00002	22	1.2
40.359	456.225185	395.7	69.2	0.000641	0.00008	0	22	1.2
40.2566	456.4155	400.845548	69.2	0.000646	0.00009	0.00006	22	1.3
40.94009	455.663821	408.086682	69.2	0.000653	0.00008	0	22	1.2
38.05377	454.159903	395.160448	69.2	0.000603	0.00008	0.00008	22	1.2
34.2128	452.655984	394.878375	69.2	0.00051	0.00007	0.00001	22	1.2
36.05982	451.152065	394.2	69.2	0.000537	0.0001	0.00005	22	1.6
45.59928	449.648147	409.488415	69	0.000682	0.00009	0.00007	22	1.2
50.14647	452.09239	394.365022	68.7	0.000836	0.0001	0.00005	22	1.2
45.55986	455.31681	393.4	68.7	0.000753	0.00011	0.00005	22	1.4
41.10821	458.54123	393.4	68.8	0.000642	0.00009	0	22	1.3
40.90464	461.765649	392.882253	68.8	0.00063	0.00009	0	22	1.4
48.88972	464.114941	427.463636	68.9	0.000774	0.00011	0	22	1.4
52.12708	462.55724	392.7	69	0.000878	0.00011	0	22	1.2
46.80833	460.999539	392.7	69	0.000778	0.0001	0.00003	22	1.2
39.42419	459.441839	392.677658	69.2	0.00059	0.00008	0.00002	22	1.2
34.60684	457.884138	396.838792	69.5	0.000506	0.00007	0.00005	22	1.2
35.10432	456.367556	401.676358	69.7	0.000542	0.00007	0.00002	22	1.2
37.51894	454.875646	391.1	69.7	0.000579	0.00007	0.00013	22	1.2
38.25683	453.383736	391.058607	69.6	0.000611	0.00008	0.00004	22	1.2
37.51163	451.891826	390.631163	69.5	0.000602	0.00008	0.00009	22	1.2
36.20284	450.399916	408.239808	69.5	0.000575	0.00007	0.00006	22	1.2
36.35492	456.664507	394.629479	69.4	0.000558	0.00007	0.00007	22	1.2
44.282	464.129296	390.4	69.4	0.000738	0.00009	0.00009	22	1.2
56.69197	471.594085	390.4	69.3	0.000923	0.00011	0.00006	22	1.2
60.76061	479.058873	395.20937	69.3	0.001046	0.00012	0.0001	22	1.2
63.4473	479.119871	409.322632	69.6	0.001068	0.00013	0.00001	22	1.2
51.88364	474.367183	390.4	69.7	0.000966	0.00012	0.00009	22	1.2
38.75054	469.614495	389.686486	70.2	0.000546	0.00008	0.00002	22	1.3
31.88963	464.861806	390.048528	70.5	0.000491	0.00008	0.00003	22	1.3
28.50231	460.109118	414.900275	71.3	0.000431	0.00006	0.00004	22	1.2
26.92137	453.381818	389.6	71.6	0.000373	0.00006	0.00003	22	1.2
30.03299	446.563636	389.336716	71.6	0.000338	0.00006	0.00011	22	1.2
39.29663	439.745455	388.7	71.2	0.000421	0.00008	0.00007	22	1.3
37.56016	432.927273	388.137167	71.1	0.000521	0.00008	0.00011	22	1.2
37.82846	428.154815	405.809797	70.9	0.000557	0.00008	0.00003	22	1.2
31.33642	429.585522	388.7	70.8	0.000473	0.00007	0.00005	22	1.2
26.42429	431.016229	388.21027	70.4	0.000423	0.00006	0.00004	22	1.2
34.48487	432.446936	388	70.3	0.000452	0.00007	0.0001	22	1.2
46.99041	433.877643	392.313779	70.2	0.00071	0.0001	0.00021	22	1.2
34.68248	433.518188	397.491189	70.2	0.000516	0.00007	0.00007	22	1.2
38.72459	431.780468	388	70.1	0.000487	0.00007	0.00013	22	1.2
42.35153	430.042748	388.382222	70.2	0.00054	0.00009	0.00005	22	1.4
35.4846	428.305028	388	70.1	0.000501	0.00007	0.00008	22	1.3
35.52358	427.662657	405.126087	69.9	0.000562	0.00008	0.00005	22	1.2
43.66668	430.32393	388	69.9	0.000713	0.00009	0.00008	22	1.2
57.92753	432.985203	388	69.9	0.000939	0.00011	0.0002	22	1.2
42.66591	435.646476	388	69.9	0.000679	0.00009	0.00007	22	1.2
25.1567	438.30775	393.248374	70.1	0.000406	0.00007	0.00009	22	1.3
23.13988	429.486977	398.776432	70.3	0.000285	0.00008	0.00004	22	1.8
22.01177	411.347442	388	70.5	0.000212	0.00006	0.00007	22	1.5

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131.056018	1	1.83808
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125.779287	1	1.83834
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119.377512	1	1.83954
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118	1	1.83968

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11:13:22.224		46.5	1766
11:13:23.224		42.3	1758
11:13:24.224		15.2	1748
11:13:25.224		0.4	1734
11:13:26.224		0.6	1718
11:13:27.224		3.2	1701
11:13:28.224	178.2	27	1698
11:13:29.224	178.8	35.1	1670
11:13:30.224	179.3	74.6	1681
11:13:31.224	179.8	82.7	1694
11:13:32.224	180.3	79.6	1714
11:13:33.224	180.9	78.1	1731
11:13:34.224	181.4	63.6	1740
11:13:35.224	181.9	15.6	1734
11:13:36.224	182.4	4.5	1720
11:13:37.224	183	7	1706
11:13:38.224	183.5	32.6	1694
11:13:39.224	184	38.8	1682
11:13:40.224	184.6	14.8	1678
11:13:41.224	185.1	1.5	1664
11:13:42.224	185.6	0	1647
11:13:43.224	186.1	0	1633
11:13:44.224	186.7	0.4	1619
11:13:45.224	187.2	0.1	1594
11:13:46.224	187.7	0	1541
11:13:47.224	188.2	0	1492
11:13:48.224		0	1446
11:13:49.224		0	1387
11:13:50.224		0	1340
11:13:51.224		0	1301
11:13:52.224		20.8	1285
11:13:53.224		76.8	1285
11:13:54.224		94.8	1300
11:13:55.224		99.6	1329
11:13:56.224	192.4	99.3	1364
11:13:57.224	192.9	82.8	1399
11:13:58.224	193.3	90.3	1428
11:13:59.224	193.8	88.5	1466
11:14:00.224	194.2	69.1	1499
11:14:01.224	194.7	83.4	1521
11:14:02.224	195.2	79.1	1530
11:14:03.224	195.6	92.7	1546
11:14:04.224	196.1	97.9	1560
11:14:05.224	196.5	82.1	1586
11:14:06.224	197	45.4	1593
11:14:07.224	197.5	50.5	1598
11:14:08.224	197.9	78.6	1610
11:14:09.224	198.4	91.7	1631
11:14:10.224	198.8	88.6	1655
11:14:11.224	199.3	75.5	1674
11:14:12.224	199.7	73	1689
11:14:13.224	200.2	87	1696
11:14:14.224	200.7	87.6	1711
11:14:15.224	201.1	82.3	1730
11:14:16.224		83.5	1746
11:14:17.224		83.8	1768
11:14:18.224		84.9	1780
11:14:19.224		84.7	1793
11:14:20.224		83	1809
11:14:21.224		81.4	1820
11:14:22.224		65.3	1822

23.72371	393.207907	387.2	70.3	0.000179	0.00006	0.00007	22	1.6
23.8848	375.068372	386.820873	69.8	0.000203	0.00006	0.00007	22	1.3
26.12348	357.151934	374.852615	69.4	0.000229	0.00006	0.00008	22	1.2
30.60088	345.042044	386.4	68.9	0.000262	0.00006	0.00007	22	1.2
26.26074	332.932154	386.4	68.6	0.000254	0.00006	0.00011	22	1.2
20.86353	320.822264	386.4	68.2	0.000167	0.00005	0.00006	22	1.2
18.14641	308.712374	382.962136	67.9	0.000095	0.00004	0.00008	22	1.4
16.6021	307.749165	361.395916	67.7	0.000057	0.00005	0.00005	22	1.8
19.57371	318.527738	384.360642	67	0.000054	0.00007	0.00006	22	1.9
26.78995	329.306311	384.1	66.3	0.0001	0.00008	0.00007	22	1.9
36.15084	340.084884	384.384321	65.7	0.000302	0.00008	0.00006	22	1.3
52.76507	350.863457	374.905838	65.2	0.000693	0.00011	0.00018	22	1.2
48.52574	358.129963	384.940044	64.9	0.000827	0.0001	0.00003	22	1.2
53.32881	364.899327	385.7	65.1	0.000735	0.00009	0.00011	22	1.1
36.10544	371.668692	385.7	65.6	0.000554	0.00007	0.00004	22	1.1
23.15382	378.438056	385.7	66.3	0.000324	0.00007	0.00004	22	1.6
21.68812	379.058198	384.732212	66.9	0.000213	0.00006	0.00004	22	1.5
22.16651	362.796766	385.324086	67.2	0.000132	0.00006	0.00003	22	1.7
22.61283	346.535333	384.9	67.1	0.000079	0.00008	0.00007	22	2.3
22.06705	330.273901	384.010084	66.4	0.000096	0.00005	0.00005	22	1.5
20.78192	314.012469	368.088235	65.8	0.000119	0.00004	0.00009	22	1.2
18.20921	301.539004	377.668463	65.5	0.000124	0.00004	0.00004	22	1.2
16.79179	290.109162	383.4	65.2	0.000103	0.00004	0.00006	22	1.2
15.23693	278.67932	383.069287	64.8	0.000072	0.00004	0.00004	22	1.4
14.63205	267.249477	382.6	64.3	0.000046	0.00003	0.00003	22	1.4
14.17105	257.473667	330.553755	63.6	0.000032	0.00004	0.00003	22	1.6
13.10675	251.807	381.402174	62.6	0.000023	0.00003	0	22	1.3
12.10042	246.140333	380.411543	62.4	0.000017	0.00003	0.00001	22	1.3
11.56059	240.473667	380.2	61.3	0.000013	0.00002	0	22	1.3
11.08432	234.807	344.263636	59.2	0.000011	0.00002	0	22	1.3
10.58989	240.133333	365.99908	57.4	0.000009	0.00002	0	22	1.3
10.41419	248.4349	378.585492	55.5	0.000009	0.00002	0	22	1.3
14.91495	256.736468	378.120387	53.3	0.000013	0.00004	0.00002	22	1.3
28.7779	265.038035	378.6	50.5	0.00009	0.00005	0	22	1.3
41.23734	275.486816	332.375995	49.9	0.000351	0.00008	0.00007	22	1.3
53.4076	316.822439	378.6	49.6	0.000817	0.00012	0.00003	22	1.4
62.49947	358.158063	378.6	49.7	0.001219	0.00018	0.00017	22	1.6
47.89656	399.493687	378.6	50.4	0.001041	0.00017	0.00008	22	1.8
57.8946	440.829311	377.911135	51.5	0.001055	0.00026	0.00005	22	2.7
72.30632	466.381319	407.416163	52.8	0.001268	0.00042	0.00008	22	3.5
55.93908	469.03161	377.034204	54.2	0.000979	0.00045	0	22	4.6
38.82667	471.6819	375.744529	55.4	0.000626	0.00032	0	22	4.7
34.28679	474.332191	374.1	56.8	0.000571	0.00022	0	22	3.7
40.4358	476.982482	397.437587	58	0.000686	0.00014	0.00004	22	2.1
53.47975	473.850222	376.803869	58.8	0.00098	0.00015	0.00003	22	1.7
50.25982	468.961333	371.591765	59.4	0.00091	0.00015	0.0001	22	1.7
28.32435	464.072444	370.540548	59.9	0.000462	0.00009	0.00002	22	1.8
24.65312	459.183556	369.46383	60.6	0.0004	0.0001	0.00001	22	1.9
48.74851	458.237925	405.353323	61.5	0.000736	0.00016	0.00009	22	2
57.59774	468.117792	368.6	61.8	0.001006	0.00017	0.00006	22	1.7
61.84601	477.997659	367.598974	61.8	0.001074	0.00015	0.00012	22	1.5
50.87479	487.877527	367	62.3	0.000902	0.00017	0.00002	22	1.8
40.57395	497.757394	366.840621	63.1	0.000654	0.00015	0.00002	22	2.2
41.53816	504.527592	407.724742	64.6	0.000669	0.00014	0	22	1.9
49.83128	507.32393	366.1	64.9	0.000888	0.00014	0.00002	22	1.7
61.88577	510.120267	366.1	65.6	0.001035	0.00014	0.00007	22	1.4
61.08429	512.916605	367.498647	66.3	0.000987	0.00014	0	22	1.4
53.22462	514.287262	419.42	66.4	0.000909	0.00014	0.00005	22	1.5
53.89451	513.501489	368.94125	67	0.000933	0.00013	0	22	1.4
53.62936	512.715715	369.912048	67.8	0.000951	0.00014	0.00003	22	1.5
56.88347	511.929942	370.949254	68.5	0.000955	0.00013	0	22	1.4
55.92131	511.144169	383.94411	68.6	0.000928	0.00013	0	22	1.4
45.40751	506.610188	402.258529	69.2	0.000762	0.00011	0.00005	22	1.4

118	1	1.83974
118	1	1.8398
118	1	1.83986
109.477922	1	1.83992
87.4	1	1.83998
65.322078	1	1.84003
43.244156	1	1.84007
21.166234	1	1.84012
74.310246	1	1.84019
150.433282	1	1.84027
226.556318	1	1.84035
302.679354	1	1.84046
344.086985	1	1.84056
279.661822	1	1.84065
215.236659	1	1.84072
150.811497	1	1.84079
86.386334	1	1.84085
67.180704	1	1.84091
73.74382	1	1.84099
80.306935	1	1.84104
86.87005	1	1.84108
91.870165	1	1.84112
74.751445	1	1.84116
57.632726	1	1.8412
40.514006	1	1.84123
23.395287	1	1.84127
14.990222	1	1.8413
13.212444	1	1.84133
11.434667	1	1.84135
9.656889	1	1.84137
17.172161	1	1.84139
152.056884	1	1.84141
286.941607	0	1.84145
421.826331	0	1.8415
556.711054	0	1.84158
652.557384	0	1.8417
696.0173	0	1.84188
739.477215	0	1.84205
782.937131	1	1.84231
826.397046	1	1.84273
746.970323	1	1.84318
611.555946	1	1.8435
476.14157	1	1.84372
340.727193	1	1.84386
227.427051	1	1.84401
252.260754	1	1.84416
277.094457	1	1.84425
301.92816	1	1.84435
326.761863	1	1.84451
336	1	1.84468
336	1	1.84483
336	1	1.845
336	1	1.84515
336	1	1.84529
330.830624	1	1.84543
324.278816	1	1.84557
317.727008	1	1.84571
311.1752	1	1.84585
290.961181	1	1.84598
263.956962	1	1.84612
236.952743	1	1.84625
209.948523	1	1.84638
182.944304	1	1.84649

11:14:23.224	197.7	75.5	1822
11:14:24.224	197.2	69.4	1817
11:14:25.224	196.7	76.3	1810
11:14:26.224	196.3	82.4	1805
11:14:27.224	195.8	82.5	1807
11:14:28.224	195.4	73.7	1809
11:14:29.224	194.9	65	1803
11:14:30.224	194.5	56.8	1797
11:14:31.224	194	68	1783
11:14:32.224	193.6	82.3	1779
11:14:33.224	193.1	48.3	1773
11:14:34.224	192.7	5	1751
11:14:35.224	192.2	10.6	1728
11:14:36.224	191.8	33.5	1710
11:14:37.224	191.3	33.8	1695
11:14:38.224	190.8	0.2	1680
11:14:39.224	190.4	0	1662
11:14:40.224	189.9	0	1644
11:14:41.224	189.5	0	1628
11:14:42.224	189	1.1	1611
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11:14:44.224		34.2	1589
11:14:45.224		48.4	1580
11:14:46.224		61.4	1579
11:14:47.224		80.2	1588
11:14:48.224		88.3	1601
11:14:49.224		86.1	1618
11:14:50.224		84.3	1635
11:14:51.224	189.1	71.5	1651
11:14:52.224	189.2	62	1657
11:14:53.224	189.3	78.7	1664
11:14:54.224	189.3	62.7	1664
11:14:55.224	189.4	64.4	1661
11:14:56.224	189.5	74.6	1662
11:14:57.224	189.5	68.3	1665
11:14:58.224	189.6	68.5	1668
11:14:59.224	189.7	58.5	1666
11:15:00.224	189.7	31.1	1656
11:15:01.224	189.8	54.8	1650
11:15:02.224	189.9	35.9	1644
11:15:03.224	189.9	16.3	1637
11:15:04.224	190	42	1627
11:15:05.224	190.1	40.5	1616
11:15:06.224	190.1	41.2	1614
11:15:07.224	190.2	43.4	1610
11:15:08.224	190.3	50.2	1607
11:15:09.224	190.3	71.6	1610
11:15:10.224	190.4	64.4	1611
11:15:11.224		68.5	1614
11:15:12.224		73.4	1615
11:15:13.224		65.8	1618
11:15:14.224		45.2	1608
11:15:15.224		23.6	1614
11:15:16.224		43.3	1595
11:15:17.224		26.8	1585
11:15:18.224	192.4	18.1	1570
11:15:19.224	192.7	38.6	1555
11:15:20.224	193	32.6	1545
11:15:21.224	193.2	57.2	1538
11:15:22.224	193.5	70.5	1537
11:15:23.224	193.8	86	1543
11:15:24.224	194	93.1	1555
11:15:25.224	194.3	82.1	1573

37.33509	499.155007	375.221875	70.3	0.000572	0.00009	0	22	1.4
33.4904	491.699825	376.367595	70.5	0.000502	0.00008	0.00005	22	1.4
36.37742	484.244644	377.37759	70.4	0.000565	0.00008	0.00001	22	1.4
45.38719	476.789462	414.12496	70.2	0.000746	0.0001	0.00006	22	1.4
52.17476	471.59745	379.466422	70	0.000855	0.00012	0.00006	22	1.3
48.12605	466.432927	380.724211	69.9	0.000764	0.00011	0.00003	22	1.4
35.03599	461.268403	382.950588	69.9	0.000515	0.00008	0.00004	22	1.4
24.73	456.103879	384.001807	70	0.000407	0.00007	0.00003	22	1.5
30.05458	447.471328	408.149091	70	0.000381	0.00007	0.00006	22	1.4
44.55195	433.615007	384.9	69.9	0.000526	0.00012	0.00002	22	1.8
34.41632	419.758687	385.561924	69.4	0.000508	0.00009	0.00004	22	1.5
21.03365	405.902366	386.4	68.9	0.00028	0.00006	0	22	1.4
19.7162	392.046046	386.866035	68.7	0.000194	0.00006	0.00003	22	1.5
21.27514	376.83069	387.316429	67.8	0.000132	0.00006	0.00004	22	1.6
20.94345	361.054828	387.2	67.6	0.00012	0.00005	0.00001	22	1.4
18.58174	345.278966	386.595094	66.8	0.000118	0.00005	0.00003	22	1.4
16.33514	329.503103	387.2	65.7	0.000085	0.00004	0.00001	22	1.4
15.42718	314.271701	355.575278	65.5	0.000057	0.00004	0.00004	22	1.5
14.6178	306.502604	387.2	64.9	0.000039	0.00004	0.00001	22	1.5
15.36986	298.733507	387.2	63.7	0.000031	0.00004	0.00001	22	1.5
21.64957	290.96441	386.550329	63.4	0.000028	0.00005	0.00001	22	1.5
19.74958	283.195313	387.137998	62.3	0.000031	0.00005	0.00001	22	1.5
22.33191	292.193383	356.0925	61.7	0.000079	0.00005	0.00004	22	1.5
27.82649	320.874651	387.859269	61.6	0.000196	0.00007	0	22	1.4
36.5782	349.555918	388.18003	61.4	0.000428	0.00009	0.00009	22	1.4
49.96584	378.237185	389.300393	61.1	0.000775	0.00012	0.00002	22	1.4
50.33196	403.273356	396.182923	61.4	0.000891	0.00012	0.00004	22	1.3
50.45721	410.25762	391.373843	62	0.000907	0.00011	0.00004	22	1.3
42.61577	417.241884	391.9	62.1	0.000711	0.00009	0	22	1.3
30.4958	424.226148	392.616348	62.7	0.000495	0.00007	0.00004	22	1.3
34.94628	431.210412	391.90086	63.4	0.000441	0.00007	0	22	1.3
25.58626	431.505441	401.909701	64	0.000391	0.00006	0.00003	22	1.2
24.90771	425.844648	391.957371	64.2	0.000372	0.00005	0	22	1.2
32.53962	420.183855	391.724416	64.3	0.000427	0.00006	0.00004	22	1.2
30.0336	414.523062	391.1	64.3	0.000458	0.00006	0.00003	22	1.2
25.73917	408.862269	397.486676	64.2	0.000406	0.00006	0.00003	22	1.2
29.10353	398.190727	390.4	64.3	0.000382	0.00006	0.00006	22	1.2
20.16926	387.463455	390.03583	64.4	0.000288	0.00005	0.00004	22	1.2
24.16125	376.736182	389.6	64.4	0.000233	0.00004	0.00008	22	1.2
24.76059	366.008909	386.325712	64.4	0.00023	0.00005	0.00003	22	1.3
25.13672	356.507464	382.401312	64.1	0.000258	0.00006	0.00005	22	1.4
20.28336	347.861393	387.426609	63.8	0.000209	0.00005	0.00004	22	1.4
18.28154	339.215322	387.2	63.6	0.000159	0.00004	0.00005	22	1.3
19.2675	330.569252	386.4	63.3	0.000138	0.00005	0.00004	22	1.4
22.50989	321.923181	371.021359	62.9	0.000171	0.00006	0.00001	22	1.4
21.58924	327.708342	382.308247	62.6	0.000235	0.00006	0.0001	22	1.3
31.48412	337.902	384.9	62.3	0.000324	0.00007	0.00005	22	1.3
27.91949	348.095659	384.549086	62.1	0.000386	0.00007	0.0001	22	1.3
27.89989	358.289317	384.1	62.1	0.000428	0.00007	0.00004	22	1.3
32.1605	367.4117	376.661026	62.1	0.000445	0.00007	0.00004	22	1.3
29.65417	361.616171	382.395469	62.1	0.00042	0.00006	0.00006	22	1.3
24.06877	355.820643	381.390308	62.4	0.000361	0.00006	0.00002	22	1.3
20.5948	350.025114	380.9	62.6	0.000272	0.00005	0.00007	22	1.4
21.72418	344.229585	379.498106	62.5	0.00024	0.00006	0.00003	22	1.4
26.99832	337.817937	368.250073	62.3	0.000225	0.00005	0.00008	22	1.3
21.67981	330.683018	378.830605	61.9	0.000203	0.00005	0.00004	22	1.3
18.12882	323.5481	377.125325	61.6	0.00016	0.00004	0.00006	22	1.3
20.6075	316.413181	377.1	60.6	0.000151	0.00006	0.00006	22	1.6
26.6065	309.278262	351.966667	60.2	0.000192	0.00007	0.00004	22	1.6
29.70953	335.56316	375.481081	60.1	0.000304	0.00007	0.00008	22	1.4
44.36634	363.204326	374.420791	59.7	0.000548	0.00009	0.00002	22	1.4
50.98972	390.845492	374.1	59.5	0.000809	0.00011	0.00011	22	1.4
57.66945	418.486658	378.278378	59.4	0.001004	0.00013	0.00004	22	1.4

169.250644	1	1.84658
156.5897	1	1.84666
143.928755	1	1.84674
131.267811	1	1.84684
121.183993	1	1.84696
118.139191	1	1.84707
115.094389	1	1.84715
112.049587	1	1.84722
109.004785	1	1.84729
110.852885	1	1.84741
115.110922	1	1.8475
119.368959	1	1.84756
123.626996	1	1.84762
127.885033	1	1.84768
104.393913	1	1.84773
80.132775	1	1.84778
55.871637	1	1.84782
31.610498	1	1.84786
30.697172	1	1.8479
59.620117	1	1.84794
88.543061	1	1.84799
117.466005	1	1.84804
146.388949	1	1.84809
172.671485	1	1.84816
198.318489	1	1.84825
223.965493	1	1.84837
249.612497	1	1.84849
246.106084	1	1.8486
215.363499	1	1.84869
184.620914	1	1.84876
153.878329	1	1.84883
123.135744	1	1.84889
112.284204	1	1.84894
103.692003	1	1.849
95.099802	1	1.84906
86.507601	1	1.84912
81.799377	1	1.84918
84.026052	1	1.84923
86.252728	1	1.84927
88.479403	1	1.84932
90.706079	1	1.84938
95.231454	1	1.84943
100.106401	1	1.84947
104.981348	1	1.84952
109.856295	1	1.84958
113.808795	1	1.84964
112.534098	1	1.84971
111.259401	1	1.84978
109.984704	1	1.84985
108.710006	1	1.84992
110.194959	1	1.84998
115.14972	1	1.85004
120.104481	1	1.85009
125.059242	1	1.85015
130.014003	1	1.8502
137.777555	1	1.85025
146.238922	1	1.85029
154.700289	1	1.85035
163.161657	1	1.85042
180.67713	1	1.85049
218.345291	1	1.85058
256.013453	1	1.85069
293.681614	1	1.85082

11:15:26.224	194.5	55.9	1577
11:15:27.224	194.8	71.6	1587
11:15:28.224	195.1	71.1	1594
11:15:29.224	195.3	94	1603
11:15:30.224	195.6	68.4	1616
11:15:31.224	195.9	36.8	1619
11:15:32.224	196.1	58.7	1616
11:15:33.224	196.4	90.5	1620
11:15:34.224	196.7	87.7	1627
11:15:35.224	196.9	94.1	1640
11:15:36.224	197.2	85.9	1661
11:15:37.224	197.4	80.7	1681
11:15:38.224		78.8	1695
11:15:39.224		88.4	1706
11:15:40.224		85.9	1718
11:15:41.224		83.3	1731
11:15:42.224		71.1	1738
11:15:43.224		84.2	1742
11:15:44.224		83.1	1747
11:15:45.224		83.5	1751
11:15:46.224	195.4	66	1756
11:15:47.224	195.2	63.8	1753
11:15:48.224	194.9	63.4	1745
11:15:49.224	194.6	62.8	1740
11:15:50.224	194.4	35.4	1729
11:15:51.224	194.1	13.3	1719
11:15:52.224	193.8	22.8	1704
11:15:53.224	193.6	15.5	1694
11:15:54.224	193.3	0	1686
11:15:55.224	193.1	0	1679
11:15:56.224	192.8	0	1673
11:15:57.224	192.5	0	1664
11:15:58.224	192.3	0	1660
11:15:59.224	192	22.8	1661
11:16:00.224	191.8	19.6	1636
11:16:01.224	191.5	0	1649
11:16:02.224	191.2	1.2	1644
11:16:03.224	191	7.4	1641
11:16:04.224	190.7	23.6	1639
11:16:05.224	190.5	12.4	1636
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11:16:08.224		7.7	1625
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11:16:10.224		0.4	1621
11:16:11.224		0	1615
11:16:12.224		0	1611
11:16:13.224	189.9	0	1591
11:16:14.224	189.8	0	1547
11:16:15.224	189.8	0	1528
11:16:16.224	189.7	0	1502
11:16:17.224	189.6	0	1464
11:16:18.224	189.6	0	1446
11:16:19.224	189.5	0	1436
11:16:20.224	189.4	0	1425
11:16:21.224	189.4	0.5	1412
11:16:22.224	189.3	2	1395
11:16:23.224	189.2	8	1381
11:16:24.224	189.2	3.2	1370
11:16:25.224	189.1	0	1353
11:16:26.224	189	0	1339
11:16:27.224	189	0	1300
11:16:28.224	188.9	0	1332

44.54964	434.496107	385.032199	59.6	0.000836	0.00013	0.00007	22	1.5
35.02763	441.694889	370.9	60.2	0.000495	0.00009	0.00001	22	1.5
30.96944	448.893671	370.091236	60.9	0.000538	0.0001	0.00005	22	1.6
46.99759	456.092453	368.992601	61.4	0.000808	0.00013	0.0001	22	1.5
58.32725	463.291235	403.282197	61.6	0.000981	0.00015	0.00008	22	1.5
31.54098	463.325947	366.976954	61.7	0.000547	0.00009	0.00007	22	1.5
24.05174	463.146695	366.1	61.9	0.000388	0.00008	0.00001	22	1.6
42.87691	462.967443	364.740625	62.5	0.000585	0.00015	0.00005	22	2.1
45.984	462.788192	364.6	62.6	0.000767	0.00012	0.00006	22	1.5
56.41003	467.748512	390.096842	62.5	0.001021	0.00015	0.00006	22	1.5
66.47834	477.686529	362.54133	62.7	0.001196	0.00017	0.00012	22	1.5
63.98114	487.624545	361.630513	63	0.001099	0.00023	0	22	2.2
49.09395	497.562562	360.8	63.5	0.000777	0.0002	0.00007	22	2.4
51.53965	507.500579	384.382871	64.2	0.000881	0.00018	0.00003	22	2
56.04695	508.628851	378.460294	65	0.000959	0.00016	0.00008	22	1.8
52.76496	505.378629	359.3	65.6	0.000885	0.00013	0.00001	22	1.5
41.42731	502.128406	359.3	66.1	0.000704	0.00011	0.00002	22	1.5
43.45691	498.878183	358.696443	66.5	0.000711	0.00012	0.00003	22	1.5
46.83094	494.673411	426.14987	66.8	0.000755	0.00012	0	22	1.6
47.44437	485.999607	359.3	67.2	0.00078	0.00012	0.00007	22	1.5
41.99407	477.325803	359.66599	67.4	0.000687	0.00011	0	22	1.5
31.99488	468.651999	360	67.6	0.000474	0.00008	0.00003	22	1.5
23.59302	459.978195	366.501613	67.9	0.00039	0.00008	0	22	1.6
29.0922	444.066756	381.378627	67.9	0.000366	0.00007	0.00004	22	1.6
27.65015	423.310089	360.8	67.8	0.000345	0.00007	0.00006	22	1.6
23.1192	402.553422	360.8	67.5	0.000239	0.00006	0.00004	22	1.6
19.69043	381.796754	360.8	67.2	0.000155	0.00006	0.00006	22	1.6
19.75541	361.040087	359.933333	67	0.000112	0.00006	0.00003	22	1.8
17.27467	344.829995	361.6	66.4	0.000082	0.00006	0.00004	22	1.8
15.75002	330.039963	361.6	66	0.000058	0.00005	0.00001	22	1.6
15.67197	315.249931	360.986103	65.6	0.00004	0.00004	0.00002	22	1.7
15.73695	300.459898	361.513924	65.1	0.000031	0.00004	0.00003	22	1.7
15.24261	289.243549	340.154066	64.7	0.000026	0.00004	0.00002	22	1.7
18.76607	282.803242	361.6	64.4	0.000029	0.00005	0.00005	22	1.7
22.89455	276.362935	361.628478	64.3	0.000041	0.00006	0.00002	22	1.7
16.98659	269.922629	362.3	64.1	0.000053	0.00005	0.00006	22	1.6
15.46149	263.482322	333.226455	64.1	0.000049	0.00004	0.00001	22	1.6
15.11997	258.190511	362.326957	64	0.000043	0.00005	0.00001	22	1.6
21.19022	253.081022	363.1	63.7	0.000039	0.00005	0.00001	22	1.6
21.042	247.971533	363.439923	63.4	0.000044	0.00005	0.00001	22	1.6
18.38058	242.862044	364.319544	63.4	0.000043	0.00005	0.00001	22	1.6
15.64485	237.817468	309.398409	63.4	0.000035	0.00004	0	22	1.6
17.7145	233.662584	364.6	63.3	0.00003	0.00005	0.00003	22	1.6
20.08068	229.507701	365.020077	63	0.000027	0.00005	0.00001	22	1.6
15.47474	225.352817	365.981184	62.9	0.000021	0.00004	0.00003	22	1.6
14.51659	221.197933	361.339261	62.8	0.000019	0.00004	0.00002	22	1.6
14.32687	217.635222	322.127249	62.7	0.000017	0.00004	0.00003	22	1.6
13.8616	214.737605	366.60882	62.7	0.000013	0.00004	0.00003	22	1.6
12.98458	211.839987	367	62.5	0.000009	0.00004	0.00001	22	1.7
12.35983	208.94237	367	62.1	0.000009	0.00003	0.00002	22	1.7
12.10466	206.044752	332.193966	61.1	0.000009	0.00003	0.00001	22	1.6
11.85514	203.955869	353.052273	59.8	0.000008	0.00003	0.00002	22	1.6
11.64523	202.05423	367.788131	59	0.000008	0.00003	0	22	1.6
11.47	200.15259	367.35	56.8	0.000008	0.00003	0.00001	22	1.6
11.37033	198.250951	367.8	56.3	0.000009	0.00004	0.00001	22	1.7
18.39897	196.40311	291.532689	55.8	0.000011	0.00004	0	22	1.7
12.06924	194.728469	368.6	55	0.000009	0.00004	0.00003	22	1.7
11.14664	193.053828	368.6	54.8	0.000008	0.00003	0.00001	22	1.7
10.99251	191.379187	368.6	54.4	0.000009	0.00003	0.00003	22	1.7
10.72148	189.704545	343.113927	53.8	0.000009	0.00003	0.00001	22	1.7
10.59132	188.140319	343.073525	53.3	0.00001	0.00003	0.00002	22	1.7
10.3235	186.63847	368.6	52.8	0.00001	0.00003	0.00002	22	1.7
10.4842	185.136622	368.963799	51.6	0.000009	0.00003	0.00001	22	1.7

331.349776	1	1.85095
343.255411	1	1.85104
350.614719	1	1.85114
357.974026	1	1.85127
365.333333	1	1.85142
374.002476	1	1.85151
387.056718	1	1.85159
400.110961	1	1.85174
413.165204	1	1.85186
426.219446	1	1.85201
410.936618	1	1.85218
387.984418	1	1.85241
365.032217	1	1.85261
342.080017	1	1.85279
319.378543	1	1.85295
303.024422	1	1.85308
286.670301	1	1.85319
270.31618	1	1.85331
253.962058	1	1.85343
231.877101	1	1.85355
202.844139	1	1.85366
173.811177	1	1.85374
144.778214	1	1.85382
115.745252	1	1.85389
111.251236	1	1.85396
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109.531915	1	1.85408
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104.023868	1	1.8542
85.784733	1	1.85425
67.545598	1	1.85429
49.306463	1	1.85433
31.067327	1	1.85437
26.145403	1	1.85442
25.045535	1	1.85448
23.945667	1	1.85453
22.845799	1	1.85457
22.09625	1	1.85462
22.512917	1	1.85467
22.929583	1	1.85472
23.34625	1	1.85477
23.762917	1	1.85481
23.356716	1	1.85486
21.864179	1	1.85491
20.371642	1	1.85495
18.879104	1	1.85499
17.386567	1	1.85503
15.413276	1	1.85507
13.271949	1	1.85511
11.130621	1	1.85514
8.989293	1	1.85517
7.095259	1	1.8552
8.436941	1	1.85523
9.778623	0	1.85526
11.120304	0	1.8553
12.461986	0	1.85534
14.566013	0	1.85538
17.180392	0	1.85541
19.794771	0	1.85544
22.40915	0	1.85547
24.969443	1	1.8555
21.574242	1	1.85553
18.17904	1	1.85556

11:16:29.224	188.9	0	1371
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11:16:31.224	188.7	0	1409
11:16:32.224	188.7	0	1436
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11:16:41.224	190.7	59.1	1438
11:16:42.224	191	81.3	1570
11:16:43.224	191.2	87.3	1695
11:16:44.224	191.5	85.1	1876
11:16:45.224	191.7	79.5	2061
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11:16:47.224	192.3	81.3	1809
11:16:48.224	192.5	77.1	1903
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11:16:50.224	193	60	1657
11:16:51.224	193.3	58.7	1385
11:16:52.224	193.6	52.3	1378
11:16:53.224	193.8	23	1357
11:16:54.224	194.1	0	1305
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11:16:56.224	194.6	0	1160
11:16:57.224	194.9	0	1229
11:16:58.224	195.1	0	1232
11:16:59.224	195.4	0	1282
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11:17:02.224		68.4	1539
11:17:03.224		69.8	1436
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11:17:05.224		32.4	1287
11:17:06.224		64.3	1292
11:17:07.224		72.4	1347
11:17:08.224		82.3	1435
11:17:09.224	196.9	90	1552
11:17:10.224	197	89.6	1704
11:17:11.224	197.1	81.6	1868
11:17:12.224	197.3	59.8	1925
11:17:13.224	197.4	73.2	1732
11:17:14.224	197.5	84.1	1730
11:17:15.224	197.7	78.9	1806
11:17:16.224	197.8	73.5	1746
11:17:17.224	197.9	74.8	1610
11:17:18.224	198.1	79.8	1634
11:17:19.224	198.2	83.7	1668
11:17:20.224	198.3	80.8	1702
11:17:21.224	198.4	72.9	1730
11:17:22.224	198.6	64.3	1620
11:17:23.224	198.7	64.5	1436
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11:17:26.224	199.1	65.9	1457
11:17:27.224	199.2	55.4	1461
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11:17:30.224		59.4	1464
11:17:31.224		70.7	1472

10.78073	183.634774	369.3	51.3	0.000008	0.00003	0.00004	22	1.8
10.9757	182.062703	294.595466	47.5	0.000008	0.00003	0	22	1.8
11.2336	180.335061	369.621811	43.9	0.000008	0.00003	0.00003	22	1.8
11.01553	178.607419	370.1	43.3	0.000008	0.00003	0.00001	22	1.8
11.05983	176.879776	370.1	37.6	0.000008	0.00003	0.00002	22	1.8
10.72211	175.152134	370.1	36.2	0.000008	0.00003	0.00002	22	1.8
9.92389	173.735659	301.926087	33.5	0.000007	0.00003	0.00001	22	1.8
9.2036	172.803841	370.1	31	0.000007	0.00003	0.00002	22	1.8
9.91348	171.872023	370.1	27.7	0.000007	0.00003	0.00001	22	1.8
9.36963	170.940205	370.1	25.4	0.000007	0.00003	0.00002	22	1.8
8.85548	170.008386	296.354225	25	0.000006	0.00003	0.00001	22	1.8
10.6992	196.711955	370.1	23.4	0.000009	0.00004	0.00002	22	1.8
29.80953	223.6665	370.348383	21.1	0.000087	0.00009	0.00004	22	1.8
42.31178	250.621045	371.936243	20.7	0.000304	0.00012	0.00004	22	1.8
50.41819	277.575591	370.087261	20.4	0.00067	0.00017	0.00005	22	1.9
58.63692	303.721169	356.603969	20.6	0.000923	0.00019	0	22	1.9
67.88444	329.306904	376.4	22.1	0.001099	0.00023	0.0001	22	2
56.10046	354.892639	376.4	24.3	0.000925	0.00021	0.00001	22	2
53.6845	380.478374	374.471259	26.9	0.000847	0.00019	0.00005	22	2.1
50.7722	406.064109	381.774652	29.4	0.000791	0.00017	0.00002	22	2
38.92725	402.556031	373.841016	33.3	0.000575	0.00014	0.00001	22	2.1
27.61458	390.259196	367.22139	34.1	0.000411	0.0001	0.00005	22	2.1
21.27837	377.962361	365.79015	35.2	0.000294	0.00008	0	22	2.1
18.96512	365.665526	363.781818	36.4	0.000249	0.00007	0.00005	22	2.1
14.12961	352.893098	358.856944	36.6	0.000176	0.00005	0.00002	22	2
10.41575	335.426768	361.285215	36.6	0.000135	0.00004	0.00003	22	2
9.38645	317.960438	359.721795	36.5	0.000102	0.00003	0.00003	22	1.9
9.75971	300.494108	358.671542	34.4	0.00008	0.00003	0.00003	22	1.9
9.7928	283.027778	356.950411	32.4	0.000062	0.00003	0.00002	22	1.9
9.67833	270.941402	326.653982	29.5	0.00005	0.00003	0.00001	22	1.9
9.94829	269.298467	354.239745	28.9	0.00004	0.00003	0.00004	22	1.9
9.4142	267.655531	353.048302	26.5	0.000035	0.00003	0.00001	22	1.9
17.21651	266.012596	351.868833	23.3	0.000057	0.00006	0.00009	22	1.9
28.5841	264.36966	330.214637	19.7	0.000138	0.00009	0.00005	22	1.9
24.75293	268.616518	340.253096	16.7	0.000232	0.00008	0.00005	22	1.9
17.17925	274.573314	347.753203	16.2	0.000249	0.00006	0.00002	22	1.8
13.96624	280.530111	345.923111	16.9	0.000234	0.00006	0.00003	22	1.8
21.2544	286.486908	344.42883	18.1	0.000252	0.00007	0.00007	22	1.8
22.25814	296.279886	317.741854	18.7	0.000249	0.00007	0.00004	22	1.9
34.40499	322.21679	341.702903	18.6	0.000392	0.0001	0.00008	22	1.9
46.82127	348.153695	339.197674	18.6	0.000704	0.00014	0.00003	22	1.9
51.88942	374.090599	336.360052	19.2	0.000916	0.00016	0	22	1.8
56.96812	400.027504	335.515716	20.4	0.000998	0.00017	0	22	1.8
51.68792	415.598525	354.834038	22.3	0.000886	0.00016	0	22	1.8
48.71306	419.433333	327.425435	24.6	0.000739	0.00015	0	22	1.8
48.89042	423.268142	325.256232	26.9	0.000767	0.00015	0	22	1.8
47.15534	427.10295	323.25545	28.8	0.000759	0.00017	0.00001	22	2.2
41.55682	430.937758	338.462635	31.8	0.000634	0.00013	0.00001	22	1.9
37.21108	433.035285	334.636597	32.5	0.000552	0.00012	0.00003	22	1.8
36.65866	434.467215	318.602476	33.5	0.000551	0.00011	0.00004	22	1.8
40.24465	435.899145	317.8	35	0.000661	0.00012	0.00001	22	1.8
41.91385	437.331075	316.454624	35.3	0.000699	0.00013	0.00005	22	1.8
39.84948	438.321527	366.064706	35.8	0.000635	0.00012	0	22	1.8
31.82438	429.71986	315.330202	36	0.00047	0.0001	0.00006	22	1.8
23.95979	421.118194	314.47	36	0.000349	0.00008	0.00001	22	1.8
21.98621	412.516528	314.1	36.5	0.000313	0.00007	0.00004	22	1.8
23.11568	403.914862	319.616308	42	0.000326	0.00007	0.00003	22	1.7
23.57556	395.314968	332.557143	39	0.000341	0.00007	0.00004	22	1.7
22.41108	386.716242	312.740843	38.1	0.000329	0.00007	0.00007	22	1.7
20.41683	378.117516	313.3	38.2	0.000294	0.00006	0.00002	22	1.7
19.92253	369.51879	313.007651	38	0.000272	0.00006	0.00006	22	1.7
24.01743	360.920064	327.29465	38	0.000282	0.00007	0.00005	22	1.8
26.01714	362.435455	314.017685	38.6	0.000302	0.00008	0.00007	22	1.7

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11.388637	1	1.85562
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8.383459	1	1.85568
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6.351351	0	1.85574
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4.847693	0	1.8558
4.620368	0	1.85583
4.393044	0	1.85586
4.165719	0	1.85589
21.63251	0	1.85593
86.697121	0	1.85602
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216.826343	0	1.85631
281.890954	0	1.8565
270.272803	0	1.85673
246.171411	0	1.85694
222.070019	1	1.85713
197.968627	1	1.8573
174.015812	1	1.85744
153.075641	1	1.85754
132.13547	1	1.85762
111.195299	1	1.85769
90.255128	1	1.85774
72.970575	1	1.85778
61.991217	1	1.85781
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29.05314	1	1.8579
71.065966	1	1.85793
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233.671008	1	1.85811
283.677951	1	1.85819
258.73363	1	1.85825
233.78931	1	1.85831
208.844989	1	1.85838
183.900668	1	1.85845
171.129568	1	1.85855
167.807309	1	1.85869
164.48505	1	1.85885
161.162791	1	1.85902
157.840532	1	1.85918
160.456878	1	1.85933
165.08456	1	1.85948
169.712242	1	1.85965
174.339924	1	1.85978
178.967606	1	1.8599
178.135206	1	1.86001
177.264315	1	1.86013
176.393425	1	1.86026
175.522534	1	1.86038
167.682389	1	1.86048
149.388362	1	1.86056
131.094335	1	1.86063
112.800309	1	1.8607
94.506282	1	1.86077
93.465817	1	1.86084
95.164331	1	1.8609
96.862845	1	1.86096
98.561359	1	1.86103
99.773093	1	1.86111

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11:17:39.224	196	63.7	1417
11:17:40.224	195.7	67.1	1422
11:17:41.224	195.4	69.1	1428
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11:17:46.224	193.8	0	1439
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11:18:11.224	189.5	35.2	1361
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11:18:24.224	188.6	0	1147
11:18:25.224		0	1251
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11:18:30.224		11.4	828
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11:18:32.224		30	761
11:18:33.224	191.9	37.9	717
11:18:34.224	192.3	35.8	690

25.53992	365.162727	312.6	38.5	0.000347	0.00008	0.00005	22	1.7
26.26677	367.89	312.6	38.6	0.000389	0.00008	0.00007	22	1.7
25.10587	370.617273	312.979787	38.7	0.000373	0.00007	0.00007	22	1.7
23.18794	373.120595	338.834562	38.9	0.00036	0.00007	0.00005	22	1.7
24.37596	371.622389	313.498509	38.8	0.000349	0.00007	0.00008	22	1.7
23.06	370.124182	313.749478	38.7	0.000334	0.00007	0.00005	22	1.7
24.38144	368.625976	313.92378	38.7	0.000339	0.00007	0.0001	21.8	1.7
22.74069	367.12777	314.1	38.1	0.000332	0.00007	0.00006	21.2	1.7
24.72188	364.109573	334.72	37.9	0.000353	0.00007	0.00009	22	1.7
24.67433	357.770634	314.8	37.7	0.000346	0.00007	0.00009	22	1.7
19.07156	351.431695	314.8	37.5	0.000303	0.00007	0.00006	22	1.8
17.64028	345.092755	315.5	37.4	0.000259	0.00006	0.00008	22	1.8
16.22959	338.753816	318.990418	37.6	0.000214	0.00005	0.00005	22	1.8
15.46161	326.974012	318.872141	37.9	0.000176	0.00005	0.00007	22	1.8
12.90086	312.586455	316.3	38	0.000126	0.00005	0.00005	21.8	2.1
12.12922	298.198898	315.755	38	0.000093	0.00004	0.00005	21	1.9
11.9898	283.811342	315.82	38.2	0.000068	0.00005	0.00005	21	2.3
11.76049	269.729161	296.358378	38.3	0.000049	0.00004	0.00003	21	2.1
11.85127	261.838975	315.5	38.3	0.000035	0.00004	0.00004	21.2	1.9
11.92167	253.948789	315.767721	38.6	0.000028	0.00004	0.00003	22	1.9
11.94	246.058604	316.3	38.8	0.000022	0.00004	0.00004	22	1.9
12.11705	238.168418	316.3	38.7	0.000018	0.00004	0.00001	21.8	1.9
12.06831	231.561044	288.945385	41.2	0.000015	0.00004	0.00004	21	1.9
12.2952	226.71792	316.3	40.6	0.000013	0.00004	0.00003	21	1.9
12.40384	221.874795	316.3	39.7	0.000012	0.00004	0.00003	21	1.9
12.60605	217.03167	317.1	39.8	0.000011	0.00004	0.00004	21	1.9
12.93377	212.188545	299.843741	40.2	0.00001	0.00004	0.00001	21	1.9
11.70988	208.782224	299.35	40.5	0.000008	0.00004	0.00004	21	1.9
10.67072	206.077201	316.480188	40.6	0.000008	0.00003	0.00001	21	1.9
10.79361	203.372177	317.1	40.7	0.000008	0.00003	0.00002	21	1.9
10.58493	200.667153	317.1	41	0.000007	0.00003	0.00001	21	1.9
10.77415	197.968576	272.758154	41.3	0.000008	0.00003	0.00001	21	1.9
10.6398	195.723977	317.159224	41.6	0.000008	0.00003	0.00002	21	1.9
10.76091	193.479379	317.600129	42	0.000008	0.00003	0.00001	21	1.9
10.75866	191.234781	317.505311	42.3	0.000008	0.00003	0.00003	21	1.9
10.94627	188.990183	317.8	42.5	0.000008	0.00003	0.00001	21	1.9
10.92089	187.686693	260.555491	42.6	0.000008	0.00003	0.00003	21	1.9
14.26983	189.25225	318.21357	42.9	0.000008	0.00004	0.00001	21	1.9
17.68662	190.817808	318.198165	44	0.000012	0.00005	0.00003	21	1.9
16.31178	192.383366	319.193796	44.2	0.000017	0.00005	0.00003	21	2
16.0115	193.948924	300.374089	44.1	0.000034	0.00005	0.00002	21	1.9
15.50836	193.991099	296.662679	43.9	0.000054	0.00005	0.00005	21	2
15.89471	193.205759	320.433582	43.3	0.000062	0.00005	0.00002	21	2
15.30194	192.420419	320.73125	43.2	0.000064	0.00005	0.00003	21	2
12.97951	191.635079	321.4	42.7	0.000061	0.00004	0	21	2
10.38503	190.685187	264.783357	42.1	0.000057	0.00004	0.00001	21	2
9.97084	187.328731	321.4	41.6	0.000048	0.00003	0	21	1.9
9.73765	183.972276	321.4	41	0.000039	0.00003	0	21	1.9
9.46018	180.61582	321.4	40.3	0.00003	0.00003	0.00001	21	2
9.30891	177.259365	313.482413	39.6	0.000023	0.00003	0.00001	21	2
9.02908	174.640147	290.144481	39.4	0.000018	0.00003	0.00004	21	2
8.81866	172.522746	322.1	38.2	0.000013	0.00003	0.00002	21	2
8.729	170.405346	321.4	37.9	0.000011	0.00003	0.00001	21	2
9.73328	168.287945	321.4	37.6	0.00001	0.00003	0.00001	21	2
9.31493	166.170545	285.125153	34.8	0.000008	0.00003	0	21	2
8.02244	165.175526	308.716303	34.1	0.000006	0.00003	0.00001	21	2
9.72704	164.418587	321.4	32.9	0.000006	0.00003	0	21	2
7.81421	163.661648	321.4	30.7	0.000006	0.00003	0.00001	21	2.1
10.33623	162.90471	321.798681	26.8	0.000007	0.00004	0	21	2.1
10.88384	162.969414	252.564111	21.9	0.000008	0.00004	0.00002	21	2.1
11.62374	174.120341	322.1	17.4	0.000008	0.00004	0.00001	21	2
11.80908	185.271269	322.373718	13.3	0.000013	0.00004	0.00001	21	2
10.30933	196.422196	322.327635	9.3	0.000029	0.00004	0.00002	21	2

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96.806992	1	1.86127
95.323941	1	1.86134
93.84089	1	1.86141
92.910722	1	1.86148
92.704536	1	1.86155
92.498351	1	1.86162
92.292165	1	1.86169
92.085979	1	1.86176
89.693119	1	1.86183
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81.779292	1	1.86196
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7.383182	1	1.8624
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12.924317	0	1.86366
20.234573	0	1.86369
27.544829	0	1.86373
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66.50802	0	1.86381
130.036935	0	1.86385
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11:18:46.224	197	84.3	1929
11:18:47.224	197.4	76.2	1954
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11:18:49.224	198.1	70.2	1640
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11:19:03.224	198	80.9	1256
11:19:04.224	197.9	78.5	1252
11:19:05.224	197.7	75.5	1248
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11:19:18.224	196	91.4	1264
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11:19:20.224		64	1301
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11:19:25.224		74.5	1283
11:19:26.224		76.7	1288
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11:19:29.224	194	60.1	1289
11:19:30.224	193.8	71.9	1296
11:19:31.224	193.6	74.7	1301
11:19:32.224	193.4	60.6	1308
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11:19:34.224	193	55.6	1299
11:19:35.224	192.8	50.8	1299
11:19:36.224	192.6	43.4	1289
11:19:37.224	192.4	55.6	1283

21.49877	207.573124	322.661052	4.9	0.000149	0.00009	0.00004	21	2
44.92283	226.562444	282.381923	1.5	0.000466	0.00015	0.00013	21	1.9
47.14074	261.831502	325.186555	1.1	0.000683	0.00015	0.00003	21	1.9
51.07183	297.100561	326.954545	2.7	0.000812	0.00017	0.00016	21	1.9
60.83685	332.369619	327.372667	5.9	0.000959	0.0002	0.00007	21	1.9
70.76643	367.638677	340.95	9.4	0.001105	0.00023	0.00008	21	1.9
60.03084	389.094362	327.177612	15.4	0.001095	0.00024	0.00011	21	2.1
69.61561	408.394203	325.720852	16.6	0.00118	0.00036	0.00004	21	3.1
76.55391	427.694044	324.158637	19.4	0.001355	0.00049	0.00008	21	3.7
77.55065	446.993885	320.185645	23.1	0.001158	0.0005	0.00001	21	4
57.88053	456.345905	356.464053	26.4	0.000878	0.00036	0.00011	21	3.9
61.59048	454.298491	316.024168	29.6	0.000992	0.00034	0.00004	21	3.3
59.28138	452.251078	314.028767	32.1	0.000903	0.00024	0.00008	21	2.5
48.59158	450.203664	311.559542	34.1	0.000778	0.00017	0.00006	21	2
37.18094	448.15625	343.155937	36.9	0.000546	0.00014	0.00002	21	2.2
30.98639	452.648637	310.537445	37.5	0.000472	0.00013	0.0001	21	2.3
34.82622	458.518658	307.458718	38.5	0.000549	0.00012	0.00002	21	2
42.09228	464.388679	306.213235	39.4	0.000711	0.00013	0.00008	21	1.9
50.13966	470.2587	304.872708	39.9	0.000921	0.00016	0.00011	21	1.9
40.7395	474.93945	377.805075	40.5	0.000767	0.00015	0.00018	21	2
29.67292	459.572477	303.743617	41.2	0.000481	0.00011	0.00007	21	2.1
19.26718	444.205505	302.5	41.9	0.000314	0.00009	0.00003	21	2.3
19.49491	428.838532	301.746114	42.7	0.000268	0.00007	0.00005	21	2.1
18.83984	413.47156	315.568601	42.9	0.000248	0.00006	0.00001	21	1.9
20.12585	411.662957	317.440944	42.7	0.000279	0.00007	0.00007	21	1.9
26.17979	415.776402	300.261888	42.3	0.000352	0.00009	0.00004	21	2
30.75138	419.889846	300.2	42	0.000438	0.0001	0.00008	21	2
31.21336	424.003291	300.2	41.5	0.000544	0.00011	0.00005	21	1.9
28.6311	427.651168	356.550824	41	0.00055	0.0001	0.00004	21	1.9
27.70295	425.718288	300.2	40.7	0.000518	0.0001	0.00005	21	1.9
25.1709	423.785408	300.485992	40.4	0.000466	0.00009	0.00002	21	1.9
23.40636	421.852528	300.9	40.3	0.0004	0.00008	0.00005	21	1.9
22.54221	419.919647	300.9	40.2	0.000374	0.00008	0	21	2
23.47135	412.515826	341.44806	40.2	0.000363	0.00008	0.00005	21	2
17.72117	395.756546	300.9	40.4	0.000304	0.00006	0.00002	21	2
15.33909	378.997266	301.522687	39.8	0.000251	0.00006	0.00002	21	2
12.11406	362.237986	301.405135	39.9	0.000177	0.00005	0.00002	21	2
9.42498	345.478706	314.289733	40.5	0.000123	0.00004	0.00001	21	2
10.63468	336.954901	302.463212	41.7	0.000093	0.00004	0.00004	21	2.2
10.42167	329.661684	300.9	41.7	0.00007	0.00004	0.00001	21	2.1
12.73592	322.368467	300.9	41.4	0.000061	0.00005	0.00004	21	2.2
19.25501	315.07525	301.978095	41.1	0.000093	0.00007	0.00003	21	2.2
30.83754	312.313205	305.280995	40.8	0.000219	0.0001	0.00008	21	2.1
41.09032	332.152754	303.713034	40.4	0.000498	0.00013	0.0001	21	2
42.98007	351.992303	305.509836	40.1	0.000711	0.00015	0.00005	21	2.1
29.71846	371.831852	307.432988	40.2	0.000603	0.00013	0.0001	21	2.1
20.60404	391.671401	316.298425	40.6	0.000385	0.00009	0	21	2.1
17.28827	398.160142	328.155142	40.7	0.000293	0.00007	0.00003	21	2.1
17.9873	393.944182	310.340638	41.6	0.000256	0.00007	0.00004	21	2.2
18.56535	389.728221	310.5	41.9	0.00025	0.00007	0.00005	21	2.1
23.35587	385.512261	312.216418	41.7	0.000319	0.00008	0.00004	21	2
28.57368	381.2963	335.288769	41.5	0.000393	0.00009	0.00001	21	2
22.99838	380.122669	315.845984	41.2	0.00038	0.00008	0.00001	21	2
19.78646	379.264687	315.272973	41.2	0.000323	0.00007	0	21	2
20.70567	378.406706	316.857973	41.4	0.000303	0.00007	0	21	2
23.18877	377.548724	319.690411	41.5	0.000352	0.00008	0	21	2
26.36403	375.732454	334.361974	41.5	0.000379	0.00009	0.00005	21	2
21.63664	372.865482	320.029268	41.4	0.000352	0.00008	0.00003	21	2
18.65422	369.998509	320.723077	41.5	0.000306	0.00007	0.00002	21	2
19.0717	367.131537	322.184894	41.8	0.000286	0.00007	0.00006	21	2
20.16	364.482847	342.336094	41.9	0.000253	0.00006	0.00002	21	2
15.73485	363.481541	323.6	41.8	0.000221	0.00006	0.00004	21	2
19.46116	362.480235	323.942257	41.7	0.000234	0.00006	0.00004	21	2

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27.14733	360.477623	326.49774	41.3	0.000353	0.00009	0.00008	21	2
35.34806	363.926806	335.116427	41.1	0.000542	0.00012	0.00004	21	2
46.969	371.435038	328.941667	41	0.000732	0.00014	0.00008	21	2
30.74401	378.943271	330.97	41.2	0.000594	0.00011	0	21	1.9
20.16685	386.451504	331.972333	41.9	0.000345	0.00008	0.00005	21	2.2
18.19654	393.959737	355.466486	42.6	0.000279	0.00009	0.00002	21	2.5
18.63676	390.205275	333.8	43.2	0.00025	0.00007	0.00004	21	2.2
21.03307	386.078494	333.8	43.3	0.000265	0.00007	0.00005	21	1.9
23.30532	381.951712	334.193289	43.2	0.000299	0.00008	0.00005	21	1.9
22.82971	377.824931	335.06253	43	0.000306	0.00007	0.00007	21	1.9
18.74792	375.111471	351.925109	42.9	0.000284	0.00006	0.00005	21	1.9
20.37721	376.27803	335.563478	43	0.000292	0.00007	0.00009	21	1.9
26.76154	377.444588	336	43.2	0.000335	0.00008	0.00004	21	1.9
29.43507	378.611147	336.095611	43	0.000392	0.00009	0.00008	21	1.9
24.81084	379.777706	341.030048	42.8	0.00041	0.00009	0.00005	21	1.9
19.52604	374.777749	344.152536	42.9	0.000345	0.00007	0.00003	21	1.9
17.57234	366.278924	338.073591	43.1	0.00029	0.00006	0.00003	21	1.9
17.50842	357.780098	337.5	43.4	0.000244	0.00006	0.00002	21	1.9
17.1843	349.281273	337.811379	43.4	0.000212	0.00006	0.00006	21	1.9
19.6633	340.782447	338.989861	43	0.000222	0.00006	0.00003	21	1.9
22.04815	347.426469	338.2	42.6	0.000259	0.00007	0.00009	21	1.9
28.18968	354.784029	338.2	41.9	0.000347	0.00009	0.00005	21	1.9
27.339	362.141588	337.695065	41.4	0.000404	0.00009	0.00007	21	1.9
24.27111	369.499148	339.676487	41.1	0.000406	0.00008	0.00004	21	1.9
22.48949	375.104989	347.237407	41	0.000384	0.00008	0.00003	21	1.9
25.13461	378.937966	338.403826	41	0.000405	0.00008	0.00005	21	1.9
24.37387	382.770942	338.2	40.9	0.000399	0.00008	0	21	1.9
25.11439	386.603919	338.2	40.9	0.000425	0.00009	0.00007	21	1.9
26.79527	390.436895	350.909204	41	0.00044	0.00009	0.00003	21	2
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22.41074	386.163303	338.2	41.2	0.000357	0.00008	0.00004	21	2
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20.6907	380.759145	337.5	41	0.000317	0.00007	0.00006	21	2
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24.14886	388.947028	337.5	40.1	0.000373	0.00008	0.00008	21	2
26.93455	395.324469	337.5	39.7	0.000428	0.00009	0.00005	21	2
29.24959	401.701909	337.5	39.3	0.000494	0.0001	0.00007	21	1.9
29.64646	408.079349	359.644708	39	0.000533	0.0001	0.00004	21	1.9
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20.42792	431.2	371.252632	38.9	0.000398	0.00008	0.00001	21	2
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31.96529	431.2	335.212979	38.7	0.000434	0.0001	0.00005	21	2.1
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9.53406	391.669836	334.283917	36.9	0.000188	0.00004	0.00004	21	2.3
7.9603	372.828003	333.8	36.6	0.000138	0.00004	0.00001	21	2.5
7.18792	353.986171	334.09607	35.5	0.000105	0.00003	0.00003	21	2.4
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9.73702	328.527995	332.4	29.9	0.000072	0.00004	0.00002	21	2.5
7.67106	318.002821	331.6	25.9	0.000055	0.00003	0.00002	21	2.3
10.2019	307.477648	331.323011	21.9	0.000051	0.00004	0.00001	21	2.1
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11:21:11.224		34.2	680
11:21:12.224		36.6	682
11:21:13.224		42.8	808
11:21:14.224		55.4	1154
11:21:15.224	197.1	75.7	1506
11:21:16.224	196.7	82.6	1796
11:21:17.224	196.4	59.6	1676
11:21:18.224	196.1	58	1817
11:21:19.224	195.8	21.1	1442
11:21:20.224	195.4	66	1563
11:21:21.224	195.1	85.5	1683
11:21:22.224	194.8	81.5	1551
11:21:23.224	194.4	80.9	1502
11:21:24.224	194.1	85.7	1630
11:21:25.224	193.8	85.2	1771
11:21:26.224	193.4	81.7	1916
11:21:27.224	193.1	52.7	1867
11:21:28.224	192.8	65.7	1585
11:21:29.224	192.4	67.7	1611
11:21:30.224	192.1	71.5	1635
11:21:31.224	191.8	59.7	1521
11:21:32.224	191.4	63.4	1391
11:21:33.224	191.1	74.1	1406
11:21:34.224	190.8	61.5	1424
11:21:35.224	190.4	54.9	1429
11:21:36.224		9.4	1415
11:21:37.224		2.5	1384
11:21:38.224		0	1314
11:21:39.224		8	1254
11:21:40.224		20	1227
11:21:41.224		55.1	1214
11:21:42.224		85.1	1217
11:21:43.224	192.5	94.9	1250

10.36495	292.17477	328.7	0	0.00008	0.00004	0.00004	21	2.1
10.50472	291.021171	327.996842	0	0.000083	0.00004	0.00001	21	2.1
10.46903	289.867571	327.9	0	0.000084	0.00004	0.00003	21	2.1
10.33816	288.758133	317.665613	0	0.000084	0.00004	0.00001	21	2.1
10.42	287.691467	327.9	0	0.000084	0.00004	0.00002	21	2.1
10.30911	286.6248	327.9	0	0.000085	0.00004	0.00002	21	2.1
10.355	285.558133	327.2	0	0.000085	0.00004	0.00001	21	2.1
10.2648	284.489693	310.887266	0	0.000085	0.00004	0.00003	21	2.1
10.4347	283.201335	326.583962	0	0.000085	0.00004	0.00001	21	2.1
10.35355	281.912977	327.2	0	0.000085	0.00004	0.00003	21	2.1
10.33381	280.624619	326.5	0	0.000085	0.00004	0.00001	21	2.1
10.43687	279.336261	321.543585	0	0.000085	0.00004	0.00003	21	2.1
10.42339	278.157435	323.257848	0	0.000086	0.00004	0.00002	21	2.1
10.49306	277.017292	326.5	0	0.000086	0.00004	0.00002	21	2.1
10.52	275.87715	325.873134	0	0.000086	0.00004	0.00002	21	2.1
10.60429	274.737007	325.100752	0	0.000086	0.00004	0.00001	21	2.1
10.42353	273.517745	313.603535	0	0.000086	0.00004	0.00005	21	2.1
10.44954	272.228039	325.742006	0	0.000086	0.00004	0.00002	21	2.1
10.38299	270.938333	325.516613	0	0.000086	0.00004	0.00003	21	2.1
10.50316	269.648627	325.236237	0	0.000086	0.00004	0.00002	21	2.1
10.32554	268.630733	304.158106	0	0.000086	0.00004	0.00003	21	2.1
10.36531	268.1358	324.626826	0	0.000086	0.00004	0.00003	21	2.1
10.57516	267.640867	325.089961	0	0.000086	0.00004	0.00002	21	2.1
10.47	267.145934	325.1	0	0.000086	0.00004	0.00004	21	2.1
10.48909	266.610358	299.144444	0	0.000086	0.00004	0.00002	21	2.1
10.39495	265.704881	325.1	0	0.000086	0.00004	0.00004	21	2.1
10.42583	264.799404	324.805499	0	0.000086	0.00004	0.00003	21	2.1
10.41	263.893927	324.4	0	0.000086	0.00004	0.00003	21	2.1
10.33804	262.98845	317.971141	0	0.000086	0.00004	0.00003	21	2.1
10.37153	263.166779	309.680077	0	0.000086	0.00004	0.00002	21	2.1
10.38	264.159388	324.4	0	0.000087	0.00004	0.00004	21	2.1
10.32731	265.151996	324.370294	0	0.000092	0.00004	0.00002	21	2.1
11.04954	266.144604	323.813104	0	0.000104	0.00005	0.00005	21	2.2
20.09227	267.137212	310.280889	0	0.000187	0.00008	0.00006	21	2.2
28.64108	284.85149	324.409434	0.5	0.000301	0.00011	0.00008	21	2.2
39.58845	305.846094	325.422892	1.2	0.000508	0.00014	0.00008	21	2.2
49.93822	326.840699	327.210514	3.1	0.000785	0.0002	0.00016	21	2.2
46.49688	347.835304	331.654856	6.1	0.000662	0.00026	0.00019	21	3.2
31.14087	360.252992	336.107633	8.8	0.00042	0.00029	0.00008	21	4.8
32.56463	366.279155	330.2	11.5	0.000343	0.00026	0.00008	21	4.6
40.28965	372.305318	331.588759	13.9	0.000462	0.00022	0.00007	21	3.5
40.57786	378.331482	331.143284	15	0.000562	0.00018	0.00008	21	2.8
37.65727	384.357645	347.947975	16.2	0.000652	0.00015	0.00006	21	2.2
45.07978	390.942254	332.645747	17.9	0.000748	0.00018	0.00002	21	2.3
48.01641	397.582093	333.1	21.3	0.000842	0.00022	0.0001	21	2.6
52.83398	404.221932	333.1	23.5	0.000859	0.00029	0.00003	21	3.3
39.63736	410.861771	333.1	25.5	0.000614	0.00024	0.00012	21	3.3
31.58472	411.090613	356.431484	25.9	0.000452	0.00019	0.00004	21	3.4
27.19422	403.059978	331.880851	27.4	0.000388	0.00016	0.00005	21	3.1
25.67583	395.029344	331.6	28.5	0.000338	0.0001	0.00003	21	2.5
23.92449	386.998709	331.348552	29.2	0.000336	0.00009	0.00004	21	2.2
24.16802	378.968074	344.921748	29.7	0.000345	0.0001	0.00011	21	2.2
26.23667	371.154591	330.197881	30.2	0.000357	0.0001	0.0001	21	2.3
22.67159	363.374418	329.4	30.3	0.000338	0.00009	0.00009	21	2.2
21.60662	355.594246	328.998331	30.5	0.000319	0.00009	0.00005	21	2.3
18.39169	347.814073	328.080046	30.7	0.000269	0.00009	0.00007	21	2.6
12.17482	339.138828	334.097178	31.1	0.000167	0.00005	0.00004	21	2.3
10.7895	327.415602	326.921918	31.2	0.000125	0.00005	0.00004	21	2.4
15.7205	315.692375	326.109896	30	0.000107	0.00005	0.00005	21	2.4
13.60776	303.969149	325.1125	29.7	0.00009	0.00007	0.00003	21	2.4
19.56596	292.245923	318.250765	28.4	0.000102	0.00008	0.00005	21	2.4
31.12398	308.732251	318.210506	27.4	0.0002	0.00011	0.00003	21	2.3
40.21707	337.951774	323.6	26.6	0.000478	0.00014	0.00002	21	2.3

203.666382	1	1.87651
200.033127	1	1.87655
196.399872	1	1.87659
192.766617	1	1.87663
191.474	1	1.87667
190.807333	1	1.87671
190.140667	1	1.87675
189.474	1	1.87679
188.861722	1	1.87683
188.383254	1	1.87687
187.904785	1	1.87691
187.426316	1	1.87695
186.94839	1	1.87699
186.474905	1	1.87703
186.00142	1	1.87707
185.527936	1	1.87711
185.054451	1	1.87715
184.788075	1	1.87719
184.548611	1	1.87723
184.309148	1	1.87727
184.069684	1	1.87731
183.673272	1	1.87735
183.212442	1	1.87739
182.751613	1	1.87743
182.290783	1	1.87747
181.918722	1	1.87751
181.698458	1	1.87755
181.478194	1	1.87759
181.25793	1	1.87763
181.037665	1	1.87767
184.048453	1	1.87771
187.725719	1	1.87775
191.402985	1	1.8778
195.080251	1	1.87788
197.432637	1	1.87799
194.678448	1	1.87813
191.92426	1	1.87833
189.170071	1	1.87859
186.415882	1	1.87888
186.725951	1	1.87914
187.581018	1	1.87936
188.436084	1	1.87954
189.29115	1	1.87969
189.01972	1	1.87987
183.28709	1	1.88009
177.55446	1	1.88038
171.82183	1	1.88062
166.0892	1	1.88081
155.298345	1	1.88097
143.320993	1	1.88107
131.343641	1	1.88116
119.366289	1	1.88126
106.751889	1	1.88136
91.8523	1	1.88145
76.95271	1	1.88154
62.05312	1	1.88163
47.153531	1	1.88168
69.900022	1	1.88173
119.133448	1	1.88178
168.366875	1	1.88185
217.600302	1	1.88193
266.833729	1	1.88204
313.763245	1	1.88218

11:21:44.224	192.7	91.2	1284
11:21:45.224	193	89.3	1337
11:21:46.224	193.3	84.1	1372
11:21:47.224	193.5	83.7	1392
11:21:48.224	193.8	90.7	1411
11:21:49.224	194.1	85.4	1429
11:21:50.224	194.3	82.1	1447
11:21:51.224	194.6	45.6	1446
11:21:52.224	194.8	58.2	1411
11:21:53.224	195.1	77.4	1404
11:21:54.224	195.4	87.7	1426
11:21:55.224	195.6	87.4	1464
11:21:56.224	195.9	82.9	1498
11:21:57.224	196.2	72	1528
11:21:58.224	196.4	67.7	1541
11:21:59.224	196.7	46	1544
11:22:00.224	197	56.6	1540
11:22:01.224	197.2	45.6	1531
11:22:02.224	197.5	47.3	1510
11:22:03.224		32.4	1479
11:22:04.224		28.9	1442
11:22:05.224		41.4	1402
11:22:06.224		54.6	1387
11:22:07.224		3.9	1354
11:22:08.224		0.3	1301
11:22:09.224		0	1249
11:22:10.224	195.6	0	1182
11:22:11.224	195.4	0	1123
11:22:12.224	195.1	0	1214
11:22:13.224	194.8	0	1145
11:22:14.224	194.6	0	1042
11:22:15.224	194.3	0	1097
11:22:16.224	194.1	0.2	853
11:22:17.224	193.8	36.5	1076
11:22:18.224	193.5	35.5	1196
11:22:19.224	193.3	20.7	931
11:22:20.224	193	19.8	826
11:22:21.224	192.8	20.8	805
11:22:22.224	192.5	12	837
11:22:23.224	192.2	16.9	779
11:22:24.224	192	20.5	778
11:22:25.224	191.7	26.2	771
11:22:26.224	191.4	34.9	720
11:22:27.224	191.2	36.1	696
11:22:28.224	190.9	35.3	682
11:22:29.224	190.7	35.9	678
11:22:30.224		36.4	679
11:22:31.224		36.8	681
11:22:32.224		36	683
11:22:33.224		36	681
11:22:34.224		36.4	680
11:22:35.224		35.9	680
11:22:36.224		35.4	680
11:22:37.224		34.8	679
11:22:38.224	190.9	34.8	679
11:22:39.224	191	35.5	678
11:22:40.224	191.1	35.3	678
11:22:41.224	191.1	35.5	679
11:22:42.224	191.2	35.6	679
11:22:43.224	191.3	35.5	679
11:22:44.224	191.3	35.7	679
11:22:45.224	191.4	34.9	679
11:22:46.224	191.5	35.2	679

43.79725	367.171296	322.56903	26.4	0.000712	0.00017	0	21	2.2
44.07807	396.390819	322.1	26.7	0.000782	0.00029	0	21	3.8
34.16014	424.724224	363.856445	28.1	0.000671	0.00033	0.00004	21.2	5
30.87525	430.624845	319.9	28.4	0.000522	0.00029	0	22	5.5
32.63683	436.525466	319.50462	29.4	0.000565	0.00028	0.00008	21.8	5
35.9361	442.426087	319.2	30.2	0.000673	0.00025	0.00006	21.2	4
37.98104	448.326708	318.945547	30.5	0.000614	0.00019	0.0001	21.8	3.2
22.1434	450.216863	346.648411	30.7	0.000438	0.00014	0.00005	21.2	3.2
25.05019	448.550567	317.1	31.3	0.000368	0.00014	0.00004	22	3.4
32.86778	446.88427	316.932918	31.6	0.000441	0.00017	0.00007	22	3.2
40.67269	445.217974	315.931034	31.4	0.000618	0.00018	0.00002	22	2.7
43.49846	443.562904	366.333333	30.7	0.000767	0.00022	0.00015	22	3
42.90556	442.28373	315.5	30.7	0.000772	0.0003	0.00003	22	4
34.67135	441.004556	315.139706	31.3	0.000642	0.0003	0.00009	22	4.7
30.29334	439.725382	315.5	32.7	0.000514	0.00022	0.00002	22	4.1
20.51615	438.446207	327.570788	33.4	0.000371	0.00016	0.00003	22	4
23.81852	428.553981	338.797173	33.5	0.000354	0.00015	0.00004	22	3.5
20.58781	412.243301	314.8	33.7	0.0003	0.00011	0.00004	22	2.8
19.48869	395.932621	315.384833	33.7	0.000259	0.00009	0.00007	22	2.5
17.72763	379.621942	315.063158	33.4	0.000213	0.00007	0.00003	22	2.2
16.62788	363.311262	330.543536	33.3	0.000175	0.00006	0.00007	22	2.2
17.02527	352.980544	314.8	32.8	0.000171	0.00007	0.00006	22	2.2
21.15821	343.04509	314.8	31.4	0.000163	0.00008	0.00008	22	2.2
14.01059	333.109636	314.8	30.5	0.00013	0.00006	0.00005	22	2.2
10.25429	323.174182	315.308618	30.4	0.000108	0.00004	0.00003	22	2.3
9.73123	313.361157	315.388071	29.4	0.000095	0.00004	0.00004	22	2.3
9.55827	303.629752	314.1	29.1	0.000076	0.00004	0.00003	22	2.3
8.98015	293.898347	314.1	27.2	0.000061	0.00004	0.00004	22	2.4
9.61456	284.166942	313.3	25.4	0.000049	0.00004	0.00003	22	2.4
9.00403	274.435537	304.131711	23.6	0.000037	0.00004	0.00003	22	2.4
8.17123	270.58	310.853372	22.1	0.00003	0.00003	0.00003	22	2.4
8.78256	268.58	313.3	21.9	0.000025	0.00003	0.00002	22	2.3
7.25933	266.58	312.6	20.8	0.000021	0.00003	0.00002	22	2.3
14.08549	264.58	312.6	19.5	0.000035	0.00006	0.00003	22	2.3
13.00767	262.570702	293.546391	17.9	0.000033	0.00005	0.00005	22	2.3
9.32437	259.640931	313.3	16.4	0.000039	0.00005	0.00002	22	2.3
11.76436	256.711159	313.3	15.3	0.000056	0.00004	0.00002	22	2.3
11.7486	253.781387	313.3	14.1	0.000065	0.00004	0.00003	22	2.3
11.77055	250.851616	313.3	13	0.000069	0.00005	0.00002	22	2.3
11.57628	248.944351	290.965708	12.8	0.000065	0.00005	0.00003	22	2.3
11.7549	248.79313	313.3	10.6	0.000057	0.00005	0.00001	22	2.3
11.61399	248.64191	313.3	10.1	0.000049	0.00005	0.00004	22	2.3
11.70226	248.490689	313.3	8.2	0.000045	0.00005	0.00001	22	2.3
10.87229	248.339469	302.35	7.8	0.000043	0.00004	0.00002	22	2.3
10.39967	249.682254	310.222754	6.4	0.000046	0.00004	0.00002	22	2.3
10.39943	251.552692	314.8	2.8	0.000051	0.00004	0.00002	22	2.3
10.34687	253.42313	314.8	2	0.000059	0.00004	0.00003	22	2.3
10.65279	255.293568	314.150235	0.5	0.000068	0.00004	0.00001	22	2.3
10.67536	256.659694	293.946544	0.5	0.000074	0.00004	0.00003	22	2.2
10.43843	257.109537	315.120149	0.7	0.000078	0.00004	0.00001	22	2.2
10.17973	257.559379	315.38607	0.7	0.00008	0.00004	0.00003	22	2.2
10.27904	258.009222	315.5	0.7	0.000082	0.00004	0.00002	22	2.2
10.37327	258.459064	298.47343	0.6	0.000083	0.00004	0.00003	22	2.2
10.62808	258.23712	314.46875	0.3	0.000084	0.00004	0.00003	22	2.2
10.58738	257.947924	315.521538	0	0.000085	0.00004	0.00001	22	2.2
10.41086	257.658728	316.3	0	0.000085	0.00004	0.00003	22	2.2
10.48282	257.369531	316.3	0	0.000084	0.00004	0.00002	22	2.2
10.46789	257.091509	290.744938	0	0.000084	0.00004	0.00003	22	2.2
10.26871	256.966639	317.1	0	0.000084	0.00004	0.00003	22	2.2
10.35415	256.841769	317.1	0	0.000084	0.00004	0.00003	22	2.2
10.33687	256.716899	317.490803	0	0.000084	0.00004	0.00003	22	2.2
10.49299	256.592029	317.8	0	0.000085	0.00004	0.00002	22	2.1
10.38544	256.37233	290.654381	0	0.000085	0.00004	0.00004	22	2.1

360.586722	1	1.88235
407.4102	1	1.88264
454.233678	1	1.88297
464.351568	1	1.88326
420.989326	1	1.88354
377.627085	1	1.88379
334.264843	1	1.88398
290.902602	1	1.88412
340.470067	1	1.88426
399.228381	1	1.88443
457.986696	1	1.88461
516.745011	1	1.88483
513.631555	1	1.88513
417.710444	1	1.88543
321.789332	1	1.88565
225.868221	1	1.88581
129.947109	1	1.88596
118.730337	1	1.88607
113.11236	1	1.88616
107.494382	1	1.88623
101.876404	1	1.88629
93.957734	1	1.88636
80.918165	1	1.88644
67.878597	1	1.8865
54.839029	1	1.88654
41.79946	1	1.88658
41.818182	1	1.88662
43.927441	1	1.88666
46.036701	1	1.8867
48.145961	1	1.88674
54.056561	1	1.88677
87.581859	1	1.8868
121.107158	1	1.88683
154.632456	1	1.88689
188.157754	1	1.88694
207.51247	1	1.88699
186.325094	1	1.88703
165.137718	1	1.88707
143.950342	1	1.88712
122.762966	1	1.88717
135.601992	1	1.88722
161.154179	1	1.88727
186.706366	1	1.88732
212.258553	1	1.88736
234.225176	1	1.8874
227.181322	1	1.88744
220.137469	1	1.88748
213.093615	1	1.88752
206.049761	1	1.88756
202.44073	1	1.8876
200.241478	1	1.88764
198.042226	1	1.88768
195.842973	1	1.88772
193.932682	1	1.88776
193.517141	1	1.8878
193.1016	1	1.88784
192.686059	1	1.88788
192.270517	1	1.88792
191.705299	1	1.88796
190.860882	1	1.888
190.016466	1	1.88804
189.17205	1	1.88808
188.327634	1	1.88812

11:22:47.224	191.5	35.6	680
11:22:48.224	191.6	34.9	679
11:22:49.224	191.6	35.2	679
11:22:50.224	191.7	35.7	680
11:22:51.224	191.8	35.7	681
11:22:52.224	191.8	35.3	679
11:22:53.224	191.9	35.3	679
11:22:54.224	192	35.2	679
11:22:55.224	192	34.9	680
11:22:56.224	192.1	35.3	678
11:22:57.224	192.2	35.2	681
11:22:58.224		34.9	679
11:22:59.224		34.9	681
11:23:00.224		35	679
11:23:01.224		35.3	680
11:23:02.224		81.6	849
11:23:03.224		80.1	1475
11:23:04.224		84.1	1830
11:23:05.224	193.7	76.7	2034
11:23:06.224	193.9	73.1	2233
11:23:07.224	194.1	41.6	1733
11:23:08.224	194.3	16.1	1421
11:23:09.224	194.5	0	1359
11:23:10.224	194.7	0	1221
11:23:11.224	194.9	7.5	906
11:23:12.224	195	12.1	852
11:23:13.224	195.2	12.9	818
11:23:14.224	195.4	23.7	883
11:23:15.224	195.6	52.4	1177
11:23:16.224	195.8	82.6	1549
11:23:17.224	196	81	1690
11:23:18.224	196.2	75.8	1466
11:23:19.224	196.4	72	1478
11:23:20.224	196.6	13.2	1469
11:23:21.224	196.8	31.3	1443
11:23:22.224	197	67.9	1488
11:23:23.224	197.2	86	1610
11:23:24.224	197.4	70.8	1740
11:23:25.224	197.6	25	1482
11:23:26.224		0.4	1372
11:23:27.224		0.1	1342
11:23:28.224		0	1307
11:23:29.224		0	1279
11:23:30.224		0	1217
11:23:31.224		0	1121
11:23:32.224		0	972
11:23:33.224	197.1	3.2	812
11:23:34.224	197	12.3	802
11:23:35.224	197	17.2	783
11:23:36.224	196.9	16	826
11:23:37.224	196.8	18.2	790
11:23:38.224	196.8	25.6	769
11:23:39.224	196.7	34	719
11:23:40.224	196.6	36.5	697
11:23:41.224	196.6	36.5	685
11:23:42.224	196.5	36.2	677
11:23:43.224	196.4	37.1	679
11:23:44.224	196.4	36.9	682
11:23:45.224	196.3	36.4	682
11:23:46.224	196.2	35.9	680
11:23:47.224	196.2	35.7	680
11:23:48.224	196.1	35	681
11:23:49.224	196	35.7	680

10.50033	255.886893	318.160706	0	0.000085	0.00004	0.00002	22	2.1
10.47032	255.401456	318.821818	0	0.000085	0.00004	0.00002	22	2.1
10.48021	254.916019	319.2	0	0.000085	0.00004	0	22	2.1
10.41657	254.430583	308.583463	0	0.000083	0.00004	0	22	2.1
10.40774	254.069289	315.52003	0	0.000083	0.00004	0	22	2.1
10.31613	253.753678	319.9	0	0.000083	0.00004	0	22	2.1
10.40318	253.438067	320.399849	0	0.000083	0.00004	0.00002	22	2.1
10.33858	253.122457	312.630513	0	0.000083	0.00004	0.00001	22	2.1
10.29755	252.737339	307.054759	0	0.000083	0.00004	0.00003	22	2.1
10.44892	252.308155	321.4	0	0.000084	0.00004	0.00002	22	2.1
10.53493	251.87897	321.472059	0	0.000085	0.00004	0.00002	22	2.1
10.57983	251.449785	322.1	0.2	0.000085	0.00004	0.00002	22	2.1
10.55	251.020601	296.889189	0.2	0.000086	0.00004	0.00002	22	2.1
10.43776	256.520422	322.894118	0	0.000086	0.00004	0.00003	22	2.1
10.52741	262.319184	323.6	0	0.000087	0.00004	0.00002	22	2.1
15.63125	268.117946	323.6	0.2	0.000123	0.00005	0.00003	22	2.1
33.43108	273.916709	322.813154	0.2	0.000313	0.00011	0.00002	22	2.1
49.93512	289.057369	315.830435	0.7	0.000697	0.00019	0.00011	22	2.1
84.88916	310.71674	329.564706	4.5	0.001172	0.00038	0.00008	22	2.9
84.31597	332.37611	331.753421	5.4	0.001235	0.00079	0.00012	22	5.8
52.03079	354.035481	333.8	8.6	0.000702	0.00069	0.00006	22	8
30.26999	375.694851	345.247917	16.2	0.000323	0.00038	0	22	7.8
13.95946	364.377124	338.358575	17.8	0.000129	0.00017	0.00003	22	6.8
9.55315	344.398746	333.8	19.6	0.000069	0.00009	0	22	5.1
6.35372	324.420368	333.522074	19.2	0.000047	0.00007	0.00002	22	4.5
11.83247	304.441989	332.617886	19	0.000047	0.00008	0.00002	22	3.7
13.60578	289.373861	310.350729	17.7	0.000036	0.00007	0.00002	22	2.9
13.78955	298.798177	331.6	15.8	0.000033	0.00005	0.00004	22	2.4
19.59642	308.222494	331.6	15.4	0.00006	0.00007	0.00003	22	2.3
37.71978	317.64681	331.686512	15.1	0.000221	0.00012	0.00006	22	2.2
40.26558	327.071127	332.044521	15	0.000453	0.00015	0.00004	22	2.2
35.02272	329.589574	331.502372	15	0.000532	0.00013	0.00005	22	2.1
33.01836	328.675763	331.6	16.1	0.00051	0.00012	0.00001	22	2.1
23.15153	327.761952	330.790513	17.9	0.000347	0.00009	0.00002	22	2.2
20.87935	326.848141	329.90549	19.7	0.000262	0.00013	0.00004	22	2.8
36.13144	325.93433	328.168447	21	0.000305	0.00016	0	22	2.9
45.73717	326.485293	327.827407	20.8	0.000547	0.0002	0.00013	22	2.6
45.91463	327.288686	327.140902	20.5	0.000664	0.00019	0.00003	22	2.5
32.20041	328.092078	325.723617	21.4	0.000396	0.00014	0.00003	22	2.7
13.85024	328.89547	324.443925	23.2	0.000177	0.00008	0.00001	22	2.8
10.54342	324.104028	325.323731	25	0.000098	0.00006	0.00002	22	2.9
9.47324	309.867543	322.395638	25.6	0.000065	0.00006	0.00002	22	3.2
8.69324	295.631058	321.488261	25.7	0.000046	0.00005	0.00001	22	2.9
9.83894	281.394572	320.495299	25.2	0.000034	0.00004	0.00003	22	2.7
8.89631	267.158087	310.836892	24.5	0.000025	0.00004	0.00001	22	2.5
7.64035	259.569545	313.234468	24.3	0.000018	0.00003	0.00002	22	2.5
6.76797	254.452322	318.469605	23.4	0.000018	0.00004	0.00002	22	2.5
13.62392	249.335099	317.188806	21.4	0.000022	0.00006	0.00003	22	2.5
13.20707	244.217876	316.3	18.6	0.00002	0.00005	0.00003	22	2.5
10.86305	240.48577	285.484104	16.2	0.000019	0.00005	0.00001	22	2.6
11.25207	240.095906	315.114167	13	0.000022	0.00005	0.00002	22	2.5
11.24	239.706043	314.2329	12.3	0.000026	0.00005	0.00001	22	2.5
11.7728	239.316179	313.238582	10.8	0.000029	0.00005	0.00003	22	2.5
11.02014	238.926316	300.268613	8.9	0.000032	0.00005	0.00001	22	2.5
10.47538	240.122249	302.92375	6.8	0.000037	0.00004	0.00002	22	2.5
10.20583	242.07824	311.9	3.1	0.000044	0.00004	0.00002	22	2.5
10.47289	244.03423	311.2	2.3	0.000054	0.00004	0.00001	22	2.5
10.53919	245.99022	310.745144	0.7	0.000063	0.00004	0.00002	22	2.5
10.5521	247.674936	279.094903	0.3	0.000069	0.00004	0	22	2.5
10.53572	248.098307	309	0.1	0.000074	0.00004	0.00002	22	2.5
10.37852	248.521677	308.525404	0	0.000078	0.00004	0.00001	22	2.5
10.51876	248.945047	307.542727	0	0.00008	0.00005	0.00002	22	2.6
10.43174	249.368417	306.970236	0	0.000081	0.00005	0.00001	22	2.6

188	1	1.88816
188	1	1.8882
188	1	1.88824
188	1	1.88828
187.894215	1	1.88832
186.949705	1	1.88836
186.005195	1	1.8884
185.060685	1	1.88844
184.116175	1	1.88848
183.80839	1	1.88852
183.589906	1	1.88856
183.371422	1	1.8886
183.152939	1	1.88864
189.565884	1	1.88868
211.452166	1	1.88872
233.338448	1	1.88877
255.224729	1	1.88888
277.111011	1	1.88907
251.22352	1	1.88945
218.070892	1	1.89024
184.918265	1	1.89093
151.765638	1	1.89131
120.111699	1	1.89148
107.774179	1	1.89157
95.43666	1	1.89164
83.099141	1	1.89172
70.761622	1	1.89179
76.854775	1	1.89184
99.09638	1	1.89191
121.337985	1	1.89203
143.57959	1	1.89218
165.821195	1	1.89231
207.748035	1	1.89243
250.776583	1	1.89252
293.80513	1	1.89265
336.833678	1	1.89281
366.751259	1	1.89301
293.753547	1	1.8932
220.755835	1	1.89334
147.758124	1	1.89342
74.760412	1	1.89348
49.143991	1	1.89354
39.916524	1	1.89359
30.689056	1	1.89363
21.461588	1	1.89367
14.934163	1	1.8937
38.23733	0	1.89374
61.540498	0	1.8938
84.843665	0	1.89385
108.146833	0	1.8939
133.176166	0	1.89395
159.082902	0	1.894
184.989637	1	1.89405
210.896373	1	1.8941
235.793333	1	1.89414
229.126667	1	1.89418
222.46	1	1.89422
215.793333	1	1.89426
209.126667	1	1.8943
204.982759	1	1.89434
203.06705	1	1.89438
201.151341	1	1.89443
199.235632	1	1.89448

11:23:50.224	196	35.7	680
11:23:51.224	195.9	35.7	679
11:23:52.224	195.8	35.7	680
11:23:53.224		35.5	679
11:23:54.224		35.2	679
11:23:55.224		34.9	679
11:23:56.224		35.2	680
11:23:57.224		34.9	679
11:23:58.224		45.3	845
11:23:59.224		64.7	1210
11:24:00.224		78.7	1688
11:24:01.224	194.7	58.2	1908
11:24:02.224	194.6	75.1	2112
11:24:03.224	194.4	79.2	1940
11:24:04.224	194.3	85.2	1555
11:24:05.224	194.2	80.9	1656
11:24:06.224	194.1	76	1786
11:24:07.224	193.9	80.3	1538
11:24:08.224	193.8	58.5	1520
11:24:09.224	193.7	50.6	1525
11:24:10.224	193.5	69.4	1554
11:24:11.224	193.4	5.4	1550
11:24:12.224	193.3	0	1489
11:24:13.224	193.1	0	1347
11:24:14.224	193	10.9	1312
11:24:15.224	192.9	97.9	1556
11:24:16.224	192.8	96.7	1655
11:24:17.224	192.6	87	1836
11:24:18.224	192.5	75.5	2018
11:24:19.224	192.4	54.3	1983
11:24:20.224	192.2	45	1672
11:24:21.224		18.2	1525
11:24:22.224		7.1	1471
11:24:23.224		0	1445
11:24:24.224		0	1381
11:24:25.224		0	1303
11:24:26.224		0	1189
11:24:27.224		0	1214
11:24:28.224	191.2	0	1097
11:24:29.224	191.1	27	805
11:24:30.224	190.9	28.7	798
11:24:31.224	190.8	21.8	804
11:24:32.224	190.7	20	814
11:24:33.224	190.6	36	1055
11:24:34.224	190.4	51.9	1248
11:24:35.224	190.3	36.6	1278
11:24:36.224	190.2	20.6	1020
11:24:37.224	190	13.6	911
11:24:38.224	189.9	22	796
11:24:39.224	189.8	40.1	722
11:24:40.224	189.6	38.8	697
11:24:41.224	189.5	37.7	682
11:24:42.224	189.4	43.3	660
11:24:43.224	189.3	38.4	692
11:24:44.224	189.1	37.4	682
11:24:45.224	189	38.9	680
11:24:46.224	188.9	41.1	667
11:24:47.224	188.7	38.5	682
11:24:48.224	188.6	38	732
11:24:49.224		37.2	718
11:24:50.224		35.8	709
11:24:51.224		32.7	683
11:24:52.224		35.7	694

10.44167	249.6	290.920726	0	0.000081	0.00005	0.00001	22	2.6
10.57154	249.6	306.8	0	0.000081	0.00004	0.00003	22	2.6
10.3825	249.6	306.07641	0	0.000082	0.00005	0.00001	22	2.6
10.3579	249.6	305.1169	0	0.000082	0.00005	0.00002	22	2.6
10.3237	249.6	292.623578	0	0.000082	0.00004	0.00001	22	2.6
10.48514	250.152307	300.855456	0	0.000083	0.00005	0.00001	22	2.6
10.54269	250.888716	303.9	0	0.000083	0.00005	0.00001	22	2.6
10.41	251.625125	303.2	0	0.000083	0.00005	0	22	2.6
13.04473	252.361533	302.793023	0	0.000114	0.00006	0	22	2.6
24.73867	256.851725	279.144057	0	0.000195	0.0001	0	22	2.6
39.48459	285.812063	302.5	0.5	0.000374	0.00015	0.00002	22	2.5
56.93228	314.772401	301.89476	1.6	0.000785	0.00025	0	22	2.6
69.05887	343.732739	301.41302	4.1	0.001001	0.00045	0.00003	22	4
58.83008	372.693077	324.060135	7.7	0.000863	0.00054	0	22	5.3
48.32359	382.857885	303.73614	11.4	0.000749	0.0005	0	22	5.9
47.7217	390.263716	300.2	17.6	0.000766	0.00049	0.00002	22	5.9
39.28661	397.669547	299.966053	18.9	0.000656	0.00039	0	22	5.4
37.57762	405.075378	299.04077	21.3	0.000506	0.00028	0.00005	22	4.8
21.2969	407.931524	354.154079	25.2	0.000393	0.00018	0	22	4.1
19.06964	389.038598	298.8	26	0.000308	0.00014	0.00002	22	3.7
25.9767	370.145672	298.47551	27.1	0.000335	0.00014	0.00002	22	3.2
17.52702	351.252746	298.2	28	0.000242	0.00009	0.00003	22	2.7
13.56712	332.35982	297.520085	28.2	0.000165	0.00006	0.00003	22	2.5
11.41487	329.971303	304.67481	28.6	0.000112	0.00005	0.00001	22	2.5
13.85221	344.488109	296.8	28.3	0.000099	0.00006	0.00004	22	2.5
21.34969	359.004916	296.179403	26.9	0.000181	0.00013	0.00002	22	2.5
53.62779	373.521723	296.1	23	0.000516	0.00022	0.00012	22	2.5
65.94343	388.038529	312.066667	22.1	0.000938	0.00032	0.00009	22	3
62.89119	388.458882	303.677326	23.9	0.001003	0.0005	0.00005	22	4.6
47.86213	383.77071	295.5	24.3	0.000725	0.00043	0.00006	22	5.1
31.51044	379.082538	295.5	26.5	0.000362	0.00021	0	22	4.6
21.72022	374.394366	295.5	29.1	0.000255	0.00014	0.00005	22	4
15.14672	368.580252	327.976022	31.1	0.000181	0.0001	0	22	3.3
12.46725	350.488008	295.251748	32.1	0.000115	0.00007	0.00003	22	3.1
11.02275	332.395765	294	32.5	0.000078	0.00005	0.00001	22	2.7
10.51763	314.303522	294.516393	31.8	0.000055	0.00005	0.00001	22	2.7
9.5022	296.211279	294.085729	31.6	0.000039	0.00005	0.00002	22	2.8
9.46036	282.050562	289.487821	30.1	0.000029	0.00004	0.00001	22	2.6
8.77021	276.479102	293.029964	28.1	0.000023	0.00004	0.00001	22	2.6
9.58799	270.907641	293.118228	25.2	0.000022	0.00004	0.00001	22	2.6
11.37081	265.336181	292.7	21.3	0.000022	0.00005	0.00002	22	2.6
11.74184	259.764721	284.489611	16.6	0.000024	0.00005	0.00001	22	2.6
12.02437	259.203351	290.775368	12.1	0.000034	0.00005	0.00002	22	2.6
15.09708	260.113249	292.01117	9.9	0.00005	0.00007	0.00002	22	2.6
17.45772	261.023147	292	9.2	0.000064	0.00007	0.00001	22	2.6
16.3561	261.933045	292	9.2	0.000072	0.00006	0.00003	22	2.5
9.56854	261.881536	279.301946	9.6	0.000071	0.00005	0	22	2.5
10.80819	259.190658	292	10.5	0.000095	0.00005	0.00003	22	2.5
13.24791	256.499781	291.584536	11.3	0.000089	0.00005	0.00001	22	2.5
10.61507	253.808904	291.3	11	0.000074	0.00005	0.00001	22	2.5
10.9384	251.118027	284.18546	7.2	0.00006	0.00005	0.00002	22	2.5
10.22623	251.102348	284.291808	6.3	0.000054	0.00004	0.00001	22	2.5
11.21186	252.255146	290.6	4.4	0.000059	0.00005	0.00003	22	2.6
10.21364	253.407944	291.099484	1.8	0.000063	0.00004	0.00001	22	2.5
10.16609	254.560742	290.93573	0.8	0.000069	0.00004	0.00003	22	2.5
10.74382	255.71354	278.887883	0.9	0.000078	0.00004	0.00001	22	2.5
10.61979	256.352422	290.264955	1	0.000083	0.00004	0.00002	22	2.5
10.26618	256.949635	291.170404	0.8	0.000086	0.00004	0.00002	22	2.5
9.85412	257.546848	290.6	1.1	0.000092	0.00005	0.00002	22	2.5
13.28229	258.144061	290.6	1.2	0.000094	0.00005	0.00002	22	2.5
9.96534	258.552354	279.577214	1.6	0.000089	0.00005	0.00001	22	2.5
9.78748	258.681944	290.6	2.6	0.000088	0.00004	0.00003	22	2.5
10.67125	258.811533	291.167273	2.8	0.000094	0.00005	0.00001	22	2.5

197.319923	1	1.89453
196.645683	1	1.89457
196.220332	1	1.89462
195.794981	1	1.89467
195.36963	1	1.89471
195.622866	1	1.89476
200.377566	1	1.89481
205.132267	1	1.89486
209.886968	1	1.89492
214.641668	1	1.89502
227.059188	1	1.89517
247.017894	1	1.89542
266.9766	1	1.89587
286.935306	1	1.89641
301.915487	1	1.89691
287.539534	1	1.8974
273.163581	1	1.89779
258.787628	1	1.89807
244.411675	1	1.89825
213.647083	1	1.89839
169.68875	1	1.89853
125.730417	1	1.89862
81.772083	1	1.89868
37.81375	1	1.89873
75.864378	1	1.89879
140.671245	1	1.89892
205.478112	1	1.89914
270.284979	1	1.89946
323.474083	1	1.89996
264.687737	1	1.90039
205.901391	1	1.9006
147.115044	1	1.90074
88.328698	1	1.90084
48.465673	1	1.90091
44.056687	1	1.90096
39.647701	1	1.90101
35.238715	1	1.90106
30.829729	1	1.9011
48.28139	1	1.90114
81.241031	1	1.90118
114.200673	1	1.90123
147.160314	1	1.90128
173.957961	1	1.90133
157.621651	1	1.9014
141.285341	1	1.90147
124.949031	1	1.90153
108.612721	1	1.90158
114.877703	1	1.90163
140.86591	1	1.90168
166.854117	1	1.90173
192.842324	1	1.90178
218.830531	1	1.90182
215.385504	1	1.90187
210.553571	1	1.90191
205.721639	1	1.90195
200.889706	1	1.90199
196.957001	1	1.90203
196.736494	1	1.90207
196.515987	1	1.90212
196.29548	1	1.90217
196.074972	1	1.90222
199.062983	1	1.90226
203.703867	1	1.90231

11:24:53.224		38	793
11:24:54.224		52.5	1048
11:24:55.224		69.3	1411
11:24:56.224	189.6	65.1	1585
11:24:57.224	189.8	64.3	1511
11:24:58.224	189.9	54.1	1311
11:24:59.224	190	47.9	1245
11:25:00.224	190.2	46.5	1268
11:25:01.224	190.3	47.2	1294
11:25:02.224	190.4	47.1	1302
11:25:03.224	190.5	47	1321
11:25:04.224	190.7	44.2	1320
11:25:05.224	190.8	38	1296
11:25:06.224	190.9	20.9	1135
11:25:07.224	191.1	36.5	1162
11:25:08.224	191.2	44.7	1190
11:25:09.224	191.3	44.5	1182
11:25:10.224	191.5	44.2	1172
11:25:11.224	191.6	44.3	1168
11:25:12.224	191.7	44.3	1155
11:25:13.224	191.9	43.7	1147
11:25:14.224	192	43	1147
11:25:15.224	192.1	46.6	1201
11:25:16.224		52.2	1327
11:25:17.224		51.5	1395
11:25:18.224		49.4	1427
11:25:19.224		42.1	1415
11:25:20.224		38.6	1444
11:25:21.224		14.6	1282
11:25:22.224		9.6	1048
11:25:23.224	192.7	9.9	963
11:25:24.224	192.7	11.4	901
11:25:25.224	192.8	12.9	848
11:25:26.224	192.9	14.6	794
11:25:27.224	192.9	20.3	799
11:25:28.224	193	23.9	780
11:25:29.224	193.1	24.7	794
11:25:30.224	193.1	30.3	781
11:25:31.224	193.2	38.5	728
11:25:32.224	193.3	44.8	707
11:25:33.224	193.3	45.7	695
11:25:34.224	193.4	43.5	692
11:25:35.224	193.5	38.5	687
11:25:36.224	193.5	34.3	665
11:25:37.224	193.6	48.9	700
11:25:38.224	193.7	57.3	672
11:25:39.224	193.7	53.6	681
11:25:40.224	193.8	53.9	667
11:25:41.224	193.9	53.6	678
11:25:42.224	193.9	48.1	684
11:25:43.224	194	51.2	675
11:25:44.224		47.5	689
11:25:45.224		53.3	681
11:25:46.224		49.5	686
11:25:47.224		45.1	685
11:25:48.224		47.7	673
11:25:49.224		51.9	682
11:25:50.224		49.2	678
11:25:51.224	194.5	44.4	692
11:25:52.224	194.6	45.3	683
11:25:53.224	194.6	47.9	671
11:25:54.224	194.7	46.7	682
11:25:55.224	194.8	44.8	681

13.90235	258.941123	290.6	2.8	0.000117	0.00006	0.00003	22	2.5
17.73398	259.070713	283.333059	3	0.000163	0.00008	0.00002	22	2.5
21.61212	264.830851	289.761029	3.1	0.000213	0.0001	0.00002	22	2.5
26.19353	272.235051	292	3.2	0.000303	0.00011	0.00005	22	2.5
26.35034	279.639251	292.304545	4.3	0.000324	0.00011	0.00001	22	2.4
18.78068	287.043451	292.7	6.4	0.000263	0.00009	0.00007	22	2.4
15.33	292.794565	293.29589	8	0.000219	0.00008	0.00003	22	2.5
15.58335	289.533696	293.3	9.2	0.000194	0.00007	0.00006	22	2.4
16.13658	286.272826	293.702239	10.4	0.000182	0.00007	0.00003	22	2.4
16.02079	283.011957	294	10.8	0.000177	0.00007	0.00003	22	2.4
16.36424	279.751087	293.809826	11.1	0.000175	0.00007	0.00004	22	2.4
15.77693	275.445364	290.886076	11.4	0.000168	0.00006	0.00002	22	2.4
15.31644	270.301876	294.865333	11.6	0.000157	0.00006	0.00005	22	2.4
12.95282	265.158389	295.558466	11.6	0.000136	0.00006	0.00001	22	2.5
13.08239	260.014901	295.819355	11.6	0.000128	0.00005	0.00001	22	2.4
14.25286	254.97478	279.521484	11.6	0.000118	0.00006	0	22	2.4
14.43222	253.96598	296.1	11.1	0.00011	0.00006	0.00001	22	2.4
14.34547	252.95718	296.386158	10.6	0.000107	0.00006	0.00001	22	2.4
14.16332	251.948379	296.8	10.5	0.00011	0.00006	0.00001	22	2.4
13.80942	250.939579	296.154622	10.3	0.000114	0.00006	0.00003	22	2.4
13.81823	251.269589	280.794787	10.4	0.000116	0.00006	0.00001	22	2.5
13.58654	253.918738	297.5	10.4	0.000117	0.00006	0.00003	22	2.5
15.55888	256.567887	297.5	10.2	0.000134	0.00007	0.00002	22	2.5
18.07329	259.217036	298.290481	10.1	0.000159	0.00008	0.00002	22	2.5
18.72578	261.866186	292.983151	10.2	0.00018	0.00008	0.00004	22	2.5
18.41904	260.591667	295.761119	10.6	0.000196	0.00008	0.00003	22	2.4
17.31466	257.813889	299.457688	11.3	0.000197	0.00007	0.00006	22	2.4
17.15294	255.036111	299.683061	12	0.000188	0.00007	0.00003	22	2.4
13.52294	252.258333	300.2	12.4	0.000148	0.00006	0.00006	22	2.4
9.16156	248.544566	279.752926	12.7	0.000107	0.00004	0.00003	22	2.4
7.62255	242.593944	300.602093	12.5	0.000089	0.00004	0.00003	22	2.4
12.11487	236.643321	300.2	11.8	0.000099	0.00005	0.00005	22	2.4
14.56965	230.692699	300.2	11.6	0.000083	0.00006	0.00003	22	2.4
13.4352	224.742076	293.459863	10.3	0.000066	0.00006	0.00005	22	2.6
12.08459	221.548899	281.592857	10	0.000051	0.00005	0.00002	22	2.7
10.72048	220.557709	300.43383	9.7	0.000042	0.00005	0.00004	22	2.5
11.33769	219.56652	300.2	8.6	0.000041	0.00005	0.00002	22	2.5
11.74471	218.57533	300.2	8.4	0.000043	0.00005	0.00003	22	2.6
12.59	217.656018	270.437741	8.2	0.000049	0.00005	0.00003	22	2.6
12.24648	221.157112	300.9	7.3	0.000052	0.00005	0.00002	22	2.5
11.04671	224.658206	300.9	3.9	0.000055	0.00005	0.00003	22	2.5
10.29333	228.1593	300.376615	3.7	0.000061	0.00004	0.00001	22	2.5
9.84983	231.660394	300.829247	3.8	0.000068	0.00004	0.00003	22	2.5
10.75893	234.3	280.992754	3.1	0.000083	0.00005	0.00001	22	2.5
9.0305	235.869507	300.34	1.9	0.000078	0.00004	0.00001	22	2.4
9.06388	237.439013	300.821818	0.3	0.000077	0.00004	0.00001	22	2.3
8.63557	239.00852	300.2	0	0.000076	0.00003	0.00001	22	2.3
8.52288	240.578027	277.911233	0	0.000076	0.00003	0.00002	22	2.3
8.454	241.164145	299.546009	0.4	0.000078	0.00003	0.00001	22	2.3
8.41047	241.7363	299.989381	0.6	0.000082	0.00003	0.00002	22	2.4
8.38798	242.308455	299.5	1.6	0.000086	0.00003	0.00001	22	2.4
8.54444	242.88061	299.5	1.4	0.000089	0.00003	0.00002	22	2.4
8.43325	243.335116	275.710324	1.2	0.00009	0.00003	0.00002	22	2.4
8.59021	243.466637	299.182766	0.2	0.000092	0.00003	0.00002	22	2.4
8.47538	243.598159	298.8	0	0.000092	0.00003	0.00003	22	2.4
8.31428	243.72968	298.8	0	0.000092	0.00003	0.00001	22	2.4
8.52466	243.861201	289.880357	0.7	0.000093	0.00003	0.00003	22	2.4
8.39154	243.686317	289.912835	0.3	0.000092	0.00003	0.00002	22	2.4
8.83981	243.383221	298.2	0.2	0.000092	0.00003	0.00002	22	2.4
8.42718	243.080126	297.5	1.1	0.000092	0.00003	0.00002	22	2.4
8.242	242.77703	297.904167	1.6	0.000091	0.00003	0.00001	22	2.4
8.42889	242.547283	273.181546	1.7	0.000092	0.00003	0.00002	22	2.4
8.49736	243.097082	296.8	1.8	0.000091	0.00003	0.00001	22	2.4

208.344751	1	1.90237
212.985635	1	1.90245
214.077922	1	1.90255
192.4329	1	1.90266
170.787879	1	1.90277
149.142857	1	1.90286
127.497835	1	1.90294
114.814555	1	1.90301
110.570974	1	1.90308
106.327392	1	1.90315
102.083811	1	1.90322
97.840229	1	1.90328
98.640455	1	1.90334
100.685909	1	1.9034
102.731364	1	1.90345
104.776818	1	1.90351
105.74159	1	1.90357
105.098779	1	1.90363
104.455967	1	1.90369
103.813156	1	1.90375
103.170345	1	1.90381
102.841561	1	1.90387
102.625997	1	1.90394
102.410433	1	1.90402
102.19487	1	1.9041
101.363817	1	1.90418
94.736912	1	1.90425
88.110007	1	1.90432
81.483101	1	1.90438
74.856196	1	1.90442
74.279359	1	1.90446
78.285262	1	1.90451
82.291166	1	1.90457
86.297069	1	1.90463
90.302973	1	1.90468
107.192511	1	1.90473
126.796035	1	1.90478
146.399559	1	1.90483
166.003084	1	1.90488
180	1	1.90493
180	1	1.90498
180	1	1.90502
180	1	1.90506
180	1	1.90511
170.8	1	1.90515
159.371429	1	1.90519
147.942857	1	1.90522
136.514286	1	1.90525
126.233384	1	1.90528
119.305477	1	1.90531
112.377571	1	1.90534
105.449664	1	1.90537
98.521758	1	1.9054
95.454896	1	1.90543
94.597814	1	1.90546
93.740733	1	1.90549
92.883651	1	1.90552
92.02657	1	1.90555
92	1	1.90558
92	1	1.90561
92	1	1.90564
92	1	1.90567
92.308209	1	1.9057

11:25:56.224	194.8	47.6	667
11:25:57.224	194.9	63.7	673
11:25:58.224	195	66.1	702
11:25:59.224	195	51.2	813
11:26:00.224	195.1	47.1	820
11:26:01.224	195.2	52.8	944
11:26:02.224	195.2	45	850
11:26:03.224	195.3	35.9	675
11:26:04.224	195.4	36	693
11:26:05.224	195.4	38.2	668
11:26:06.224	195.5	41.3	673
11:26:07.224	195.6	44.8	685
11:26:08.224	195.6	46.4	680
11:26:09.224	195.7	45.5	678
11:26:10.224	195.8	44.7	677
11:26:11.224		47	681
11:26:12.224		50.5	678
11:26:13.224		51.3	668
11:26:14.224		51.2	677
11:26:15.224		54.1	672
11:26:16.224		46.7	690
11:26:17.224		46.7	681
11:26:18.224	196.8	45.4	680
11:26:19.224	196.9	43.9	682
11:26:20.224	197	43.5	680
11:26:21.224	197.2	43.8	679
11:26:22.224	197.3	44.7	680
11:26:23.224	197.4	44.5	681
11:26:24.224	197.6	44.4	679
11:26:25.224	197.7	43.1	678
11:26:26.224	197.8	43.7	678
11:26:27.224	198	43.7	678
11:26:28.224	198.1	43.4	679
11:26:29.224	198.2	42.7	680
11:26:30.224	198.4	43.1	680
11:26:31.224	198.5	43.5	679
11:26:32.224	198.6	43.9	679
11:26:33.224	198.8	44.6	680
11:26:34.224	198.9	43.9	679
11:26:35.224	199	43.9	680
11:26:36.224	199.2	38.3	672
11:26:37.224	199.3	24.9	682
11:26:38.224		26.9	673
11:26:39.224		28.6	679
11:26:40.224		29.6	675
11:26:41.224		30.6	682
11:26:42.224		28.7	681
11:26:43.224		29.2	678
11:26:44.224		29.1	679
11:26:45.224		28.5	678
11:26:46.224	199.9	28.1	680
11:26:47.224	200	28.6	678

8.41593	243.646881	297.091436	1.4	0.000093	0.00003	0.00002	22	2.4
8.3	244.19668	296.918927	0.9	0.000092	0.00003	0	22	2.4
10.04785	244.746479	296.8	0.2	0.000107	0.00004	0.00001	22	2.4
12.46615	245.407351	277.08896	0	0.000138	0.00005	0.00002	22	2.4
13.81265	246.268278	296.415426	0	0.000158	0.00006	0.00001	22	2.4
15.26692	247.129205	296.1	1.4	0.000168	0.00006	0.00003	22	2.4
9.45416	247.990132	295.947261	2.4	0.000137	0.00005	0	22	2.4
10.59788	248.85106	284.366197	3.2	0.000122	0.00005	0.00003	22	2.4
10.64683	247.935914	292.363813	3.3	0.000113	0.00005	0.00001	22	2.5
9.22969	246.649233	294.7	1.8	0.000101	0.00004	0.00002	22	2.4
8.56455	245.362551	294.7	1.5	0.00009	0.00004	0.00001	22	2.3
8.56205	244.075869	294.110833	0.7	0.00008	0.00003	0	22	2.3
8.52879	243.132842	276.012566	0.5	0.000077	0.00003	0.00001	22	2.2
8.44736	242.711789	293.3	1.3	0.000077	0.00003	0.00001	22	2.2
8.43424	242.290737	292.851734	1.7	0.000077	0.00003	0.00002	22	2.2
8.59582	241.869684	292.646341	1.7	0.000078	0.00003	0	22	2.2
8.37722	241.448632	284.752092	1.6	0.00008	0.00003	0.00001	22	2.2
8.30129	241.391127	284.815639	1.4	0.000083	0.00003	0	22	2.2
8.41279	241.531972	291.3	0.8	0.000086	0.00003	0	22	2.2
8.44624	241.672817	291.3	0.7	0.000086	0.00003	0	22	2.2
8.57816	241.813662	290.632075	0.5	0.000088	0.00003	0	22	2.2
8.39278	241.696829	273.292095	0.6	0.000089	0.00003	0.00001	22	2.2
8.42814	241.17184	290.311613	0.5	0.000091	0.00003	0	22	2.2
8.44958	240.64685	290	0.5	0.000091	0.00003	0.00002	22	2.2
8.48813	240.121861	289.966382	0.5	0.000091	0.00003	0.00001	22	2.2
8.4886	239.596871	284.969891	0.5	0.000089	0.00003	0.00002	22	2.2
8.52759	239.127575	280.794404	0.1	0.00009	0.00003	0.00002	22	2.2
8.35771	238.691695	288.44244	0	0.00009	0.00003	0.00002	22	2.2
8.44	238.255816	287.8	0.2	0.000089	0.00003	0.00002	22	2.2
8.50759	237.819936	287.323278	0.5	0.000088	0.00003	0.00001	22	2.2
8.45692	237.413011	265.879765	0.5	0.000088	0.00003	0.00002	22	2.2
8.4399	237.085985	286.817572	0.1	0.000088	0.00003	0.00001	22	2.4
8.51723	236.758958	286.593416	0.4	0.000088	0.00003	0.00001	22	2.2
8.57709	236.431932	285.8	0.5	0.000088	0.00003	0.00002	22	2.2
8.48581	236.104905	267.773889	0.1	0.000087	0.00003	0.00001	22	2.2
8.52	235.716068	285.144299	0	0.000086	0.00003	0.00002	22	2.2
8.45685	235.326288	284.731959	0	0.000085	0.00003	0.00001	22	2.2
8.44525	234.936509	284.696443	0	0.000085	0.00003	0.00002	22	2.2
8.38324	234.54673	284.5	0	0.000085	0.00003	0.00001	22	2.3
8.38866	233.706448	266.838586	0	0.000085	0.00003	0.00001	22	2.2
9.62443	232.089141	283.8	0	0.000101	0.00004	0.00002	22	2.2
9.55412	230.471834	282.625931	0	0.000099	0.00004	0.00001	22	2.3
8.53078	228.854526	283.019574	0	0.000091	0.00003	0.00002	22	2.3
8.58	227.237219	275.57763	0	0.000086	0.00003	0	22	2.3
8.28572	225.449124	270.381055	0	0.000081	0.00003	0.00002	22	2.3
8.45312	223.549989	281.871496	0	0.000075	0.00003	0.00001	22	2.5
8.39144	221.650855	281.648673	0	0.000071	0.00003	0.00001	22	2.3
8.40645	219.75172	280.778029	0	0.000067	0.00003	0.00001	22	2.4
8.24808	217.852585	261.743245	0	0.000065	0.00004	0	22	2.7
8.34011	216.676874	280.283854	0	0.000064	0.00004	0.00002	22	2.8
8.45917	215.612138	279.7	0	0.000063	0.00004	0	22	2.6
8.35652	214.547402	279.7	0	0.000062	0.00004	0.00002	22	2.7

93.148016	1	1.90573
93.987823	1	1.90576
94.82763	1	1.9058
95.667436	1	1.90585
102.176968	1	1.90591
112.403735	1	1.90597
122.630502	1	1.90602
132.85727	1	1.90607
142.358108	1	1.90612
145.736486	1	1.90616
149.114865	1	1.9062
152.493243	1	1.90623
155.871622	1	1.90626
149.550656	1	1.90629
138.365455	1	1.90632
127.180254	1	1.90635
115.995053	1	1.90638
104.95711	1	1.90641
102.434174	1	1.90644
99.911239	1	1.90647
97.388303	1	1.9065
94.865367	1	1.90653
93.576948	1	1.90656
92.933033	1	1.90659
92.289118	1	1.90662
91.645203	1	1.90665
91.001288	1	1.90668
91.456646	1	1.90671
91.914207	1	1.90674
92.371768	1	1.90677
92.82933	0	1.9068
93.287615	0	1.90683
93.74633	0	1.90686
94.205046	0	1.90689
94.663761	0	1.90692
95.059084	0	1.90695
95.280372	0	1.90698
95.50166	0	1.90701
95.722948	0	1.90704
95.944235	0	1.90707
101.056125	0	1.90711
107.815649	0	1.90715
114.575174	0	1.90718
121.334699	0	1.90721
128.094224	0	1.90724
130.122246	0	1.90727
131.418143	0	1.9073
132.714039	0	1.90733
134.009935	0	1.90737
135.050245	0	1.90741
135.263147	0	1.90745
135.476049	0	1.90749