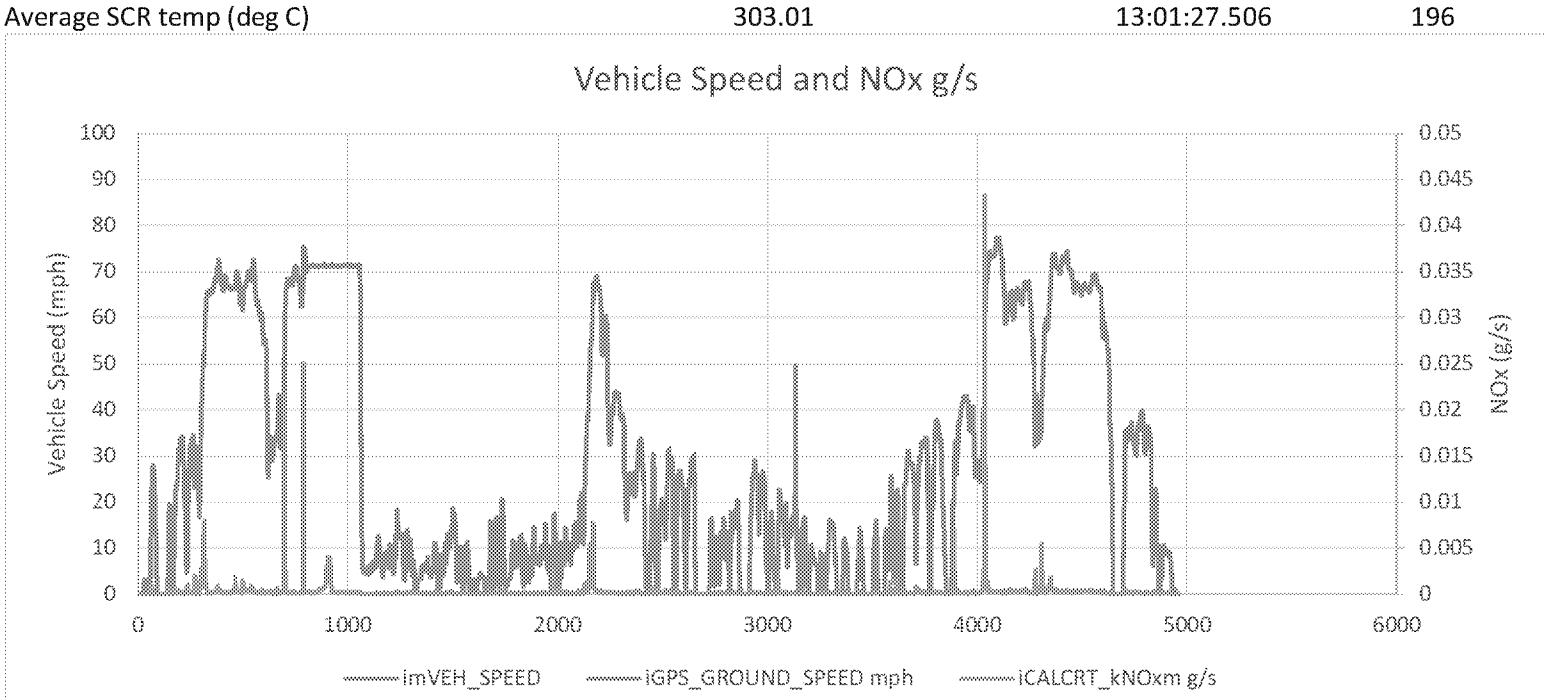
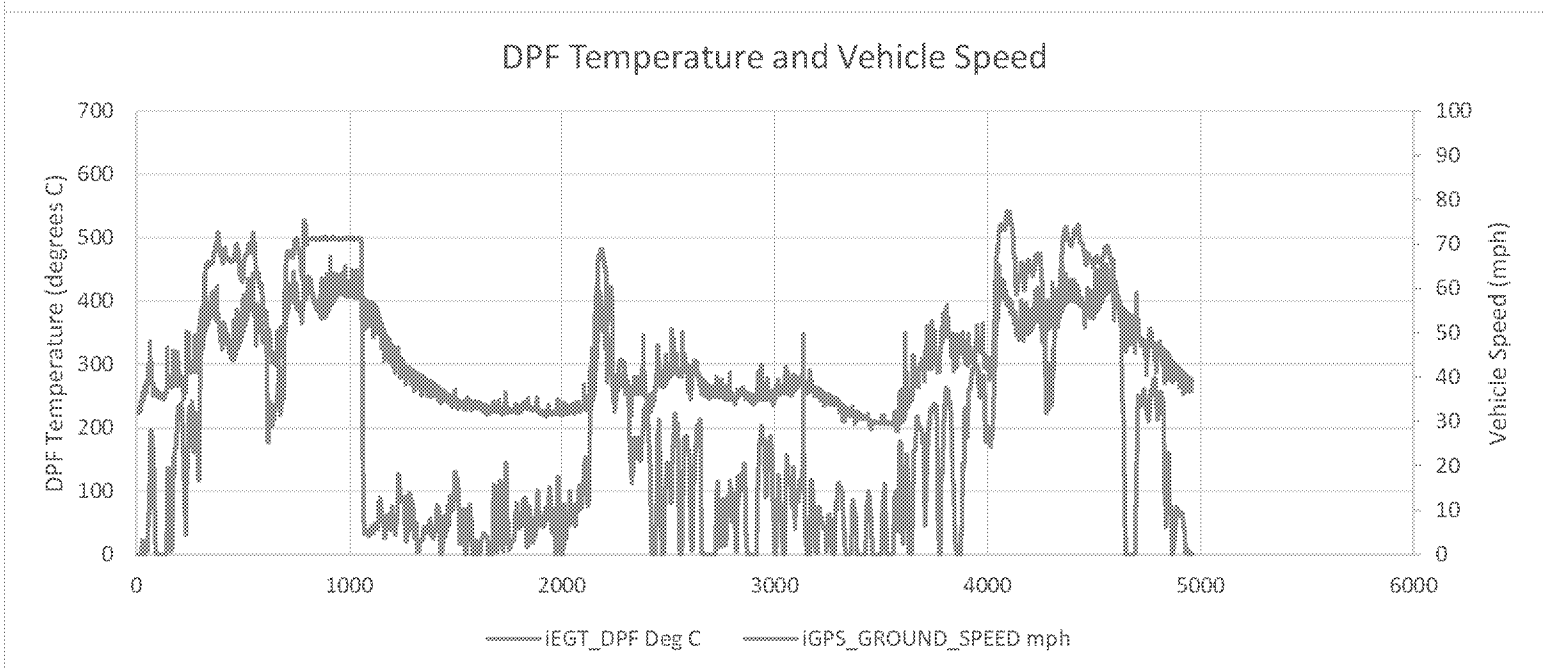
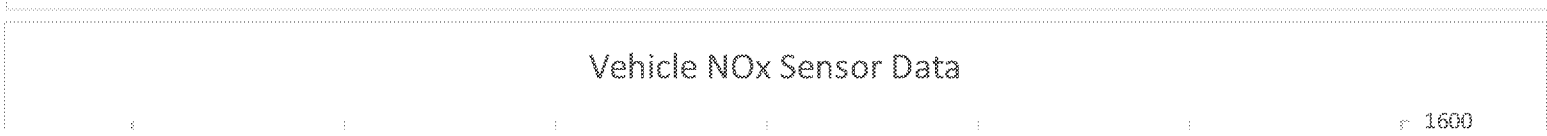
Test Duration (s)	4961
Calculated Test Duration (s)	4961
Average Ambient Temperature (deg C)	19.88
Calculated Average Ambient Temperature (deg C)	19.88
Total Distance Traveled (mi)	36.986
Calculated Total Distance Traveled (mi)	38.709
Total Fuel Consumed (gal)	1.534
Calculated Total Fuel Consumed (gal)	1.534
Overall Fuel Economy (mpg)	24.11
Calculated Overall Fuel Economy (mpg)	25.24
kNOx (g) (corrected NOx)	1.43
Calculated kNOx (g) (corrected NOx)	1.43
kNOx (g/mi) (corrected NOx)	0.039
Calculated kNOx (g/mi) (corrected NOx)	0.037
THC (g)	0.102
Calculated THC (g)	0.102
THC (g/mi)	0.003
Calculated THC (g/mi)	0.003
1st Measured ECT (deg F)	204.8
Test Start Time	13:01:06.506
Test Stop Time	14:23:46.506
Average Speed (mph)	28.09
Regeneration Event?	Yes
Average SCR temp (deg C)	303.01

sTIME	iCOOL_TEMP	iENG_LOAD	iENG_SPEED
hh:mm:ss.xxx	deg F	%	rpm
13:01:06.506			
13:01:07.506			
13:01:08.506			
13:01:09.506			
13:01:10.506			
13:01:11.506			
13:01:12.506			
13:01:13.506			
13:01:14.506			
13:01:15.506			
13:01:16.506		0	0
13:01:17.506		97.7	738
13:01:18.506	204.8	14.5	787
13:01:19.506		17.3	760
13:01:20.506		26.4	740
13:01:21.506		35.2	762
13:01:22.506		32.4	765
13:01:23.506		33.5	758
13:01:24.506		35.3	758
13:01:25.506		37.7	750
13:01:26.506		47.7	751
13:01:27.506	196	55	764
		60.7	744
		63.3	800
		60	792
		51.8	736
		51.2	749
		49.7	758
		52.1	758
		53.5	766
		52.8	762
		51	762
		52.1	760
		51.6	760
		51.1	759
		51.7	759
		51.3	759
		52.9	750
		54.9	757
		53.5	771
		52.8	920
		56.7	943
		53.6	888
		50.6	910
		50.1	774
		50.2	752
		54.5	753
		54.2	756
		53.3	760
		52.2	761
		51.6	757
		52.9	754
		54.2	760
		48.5	1062
		82.8	1444
		98.8	1826
		92.6	1959
		79.4	1888
		79.9	1807
		90.7	1641
		86.7	1600







imVEH_SPEED	iMAF g/s	iEGT_11 Deg C	iEGT_DPF Deg C	iGPS_GROUND_SPEED mph	iWfgps gal/s	iCALCRT_kNOxm g/s	iCALCRT_HCm g/s	iSCB_LAT deg C	ikNOxzw ppm
				0	0	0	0	19	0.3
				0	0	0	0	19	0.3
				0	0	0	0	19	0.3
				0	0	0	0	19	0.3
				0	0	0	0	19	0.3
				0	0	0	0	19	0.3
	0		223.4	0	0.000004	0	0	19	0.3
	15.49455		223.4	0	0.000071	0.00001	0	19	0.3
	17.34745		226.240294	0	0.000118	0.00001	0	19	0.3
	12.13644		228.471831	0	0.000097	0.00001	0	19	0.4
	10.701	222.1	226.969231	0	0.000077	0.00001	0	19	0.4
	9.64998	219.818658	232.433856	0	0.000062	0.00001	0	19	0.4
	9.48718	217.504925	233.714754	0	0.000055	0.00001	0	19	0.7
	9.3	215.191191	235.396119	0	0.00005	0.00001	0	19	0.7
	9.20633	212.877457	236.73727	0	0.00005	0.00001	0	19	0.5
	9.30339	211.767795	226.583984	0	0.000051	0.00001	0	19	0.4
	9.16029	213.832503	239.842173	0	0.000056	0.00001	0	19	0.4
	9.69999	215.897212	241.02459	0.1	0.000063	0.00001	0	19	0.5
	9.14629	217.96192	243.214174	0.4	0.000066	0.00001	0	19	0.5
	10.9159	220.026628	242.41989	0.9	0.000083	0.00001	0	19	0.5
	9.69	221.143136	241.641866	1.3	0.000083	0.00001	0	19	0.5
	8.94	221.564515	247.53213	2.2	0.000085	0.00001	0	19	0.5
	9.23053	221.985895	248.687088	2.4	0.00009	0.00001	0	19	0.5
	9.47573	222.407274	250.387711	3	0.000097	0.00001	0.00001	19	0.5
	9.85679	222.827361	238.958082	3.1	0.000103	0.00001	0.00002	19	0.4
	10.01009	223.229733	252.776891	3	0.000106	0.00001	0.00002	19	0.5
	9.828	223.632105	254.587313	2.6	0.000103	0.00001	0.00002	19	0.6
	9.84368	224.034477	255.646195	2.1	0.000102	0.00001	0.00003	19	0.5
	10.11739	224.436849	256.438126	0.8	0.000102	0.00001	0.00002	19	0.5
	9.82488	224.7	245.390886	0.7	0.000102	0.00001	0.00003	19	0.5
	9.75794	224.7	258.8251	0.4	0.000103	0.00001	0.00004	19	0.5
	9.62477	224.7	260.295567	0.2	0.000102	0.00001	0.00003	19	0.5
	9.70492	224.7	260.675204	0	0.000101	0.00001	0.00004	19	0.5
	10.18162	224.7	252.446301	0	0.000107	0.00001	0.00004	19	0.5
	10.49862	226.561369	259.320807	0	0.00011	0.00001	0.00004	19	0.5
	9.76182	228.926515	263.930597	0	0.000112	0.00001	0.00003	19	0.5
	12.47589	231.29166	265.416206	0.2	0.000133	0.00001	0.00004	19	0.5
	12.16914	233.656805	266.30547	0.9	0.000137	0.00001	0.00005	19	0.6
	11.55677	236.02195	256.129492	1.3	0.000136	0.00001	0.00004	19	0.6
	11.8823	235.853054	268.201278	1.7	0.000131	0.00001	0.00004	19	0.7
	9.5785	235.59768	269.640075	2.8	0.000121	0.00001	0.00003	19	0.8
	9.28166	235.342307	270.1	2.9	0.000113	0.00002	0.00003	19	0.9
	9.17623	235.086933	271.228333	3.1	0.000108	0.00001	0.00003	19	0.9
	9.52714	234.708143	256.079559	3.1	0.000111	0.00001	0.00004	19	0.9
	9.67672	233.99226	271.805	2.9	0.000111	0.00002	0.00004	19	0.9
	9.73032	233.276376	273.150895	2.8	0.00011	0.00002	0.00004	19	1.1
	9.69574	232.560492	273.604918	2.1	0.000108	0.00002	0.00004	19	1
	9.49504	231.844609	265.186842	1.3	0.000107	0.00002	0.00004	19	1
	9.78244	247.838398	270.747406	0.9	0.000122	0.00002	0.00005	19	1
	15.0731	268.061954	275.527813	1	0.000199	0.00003	0.00007	19	1
	27.80886	288.28551	277.259661	2	0.00033	0.00005	0.00012	19	1
	45.58529	308.509066	278.936663	4.1	0.000682	0.00011	0.00018	19	1.4
	57.22571	328.732623	298.654309	6.4	0.000884	0.00035	0.00023	19	4
	45.76541	352.02431	282.678541	9.3	0.000805	0.00059	0.00026	19	7.4
	49.18731	375.4207	283.8	11.6	0.000892	0.00074	0.00022	19	8.4
	53.51289	398.817091	283.8	13.1	0.000927	0.0008	0.00014	19	9
	54.01541	422.213481	283.8	16.9	0.000961	0.00089	0.00004	19	9.9

iNOX_B1S1	iNOX_B1S2	sDPF_REGEN	Accum kNOx
ppm		0/1	g
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
		0	0
		0	0.00001
		0	0.00002
		0	0.00003
	-1	0	0.00004
	-1	0	0.00005
	-1	0	0.00006
	-1	0	0.00007
	-1	0	0.00008
	-1	0	0.00009
	-1	0	0.0001
	-1	0	0.00011
	-1	0	0.00012
	-1	0	0.00013
	-1	0	0.00014
	-1	0	0.00015
	-1	0	0.00016
	-1	0	0.00017
	-1	0	0.00018
	-1	0	0.00019
	-1	0	0.0002
	-1	0	0.00021
	-1	0	0.00022
	-1	0	0.00023
	-1	0	0.00024
	-1	0	0.00025
	-1	0	0.00026
	-1	0	0.00027
	-1	0	0.00028
	-1	0	0.00029
	-1	0	0.0003
	-1	0	0.00031
	-1	0	0.00032
	-1	0	0.00033
	-1	0	0.00034
	-1	0	0.00036
	-1	0	0.00037
	-1	0	0.00038
	-1	0	0.0004
	-1	0	0.00042
	-1	0	0.00044
	-1	0	0.00046
	-1	0	0.00048
	-1	0	0.00051
	-1	0	0.00056
	-1	0	0.00067
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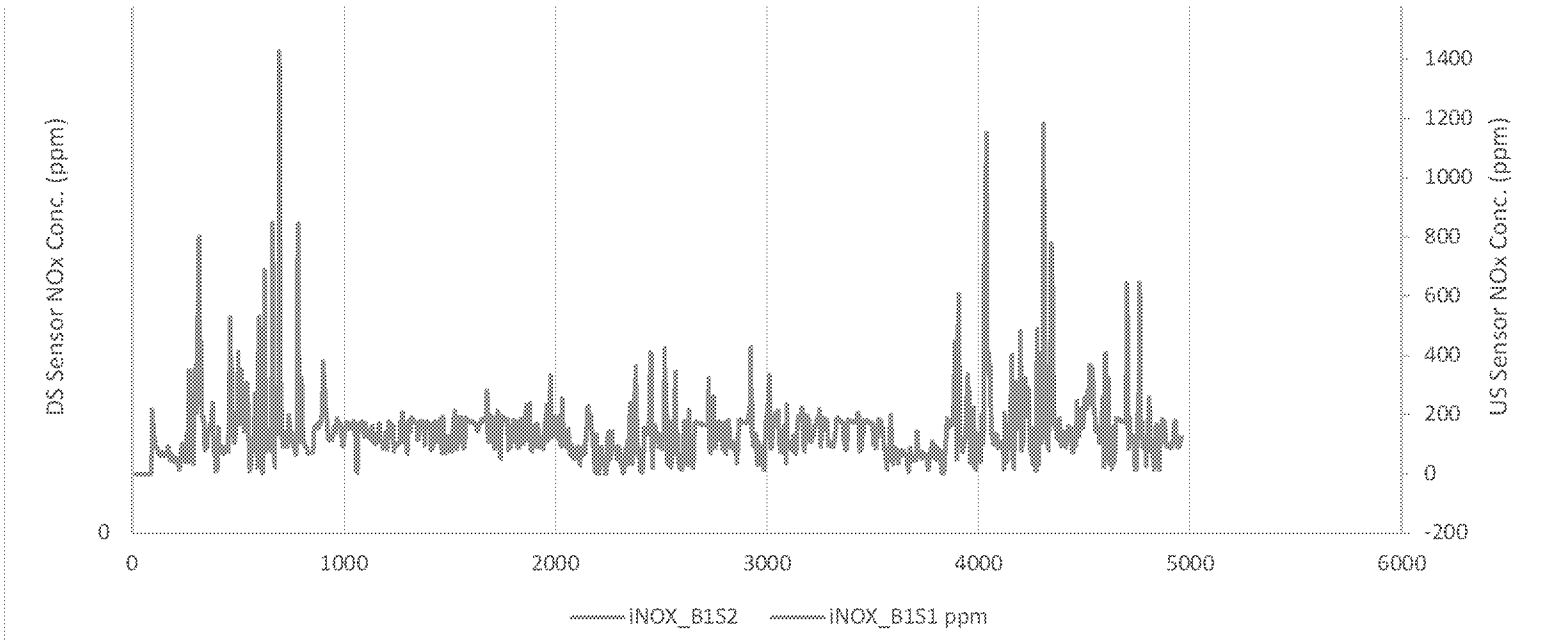
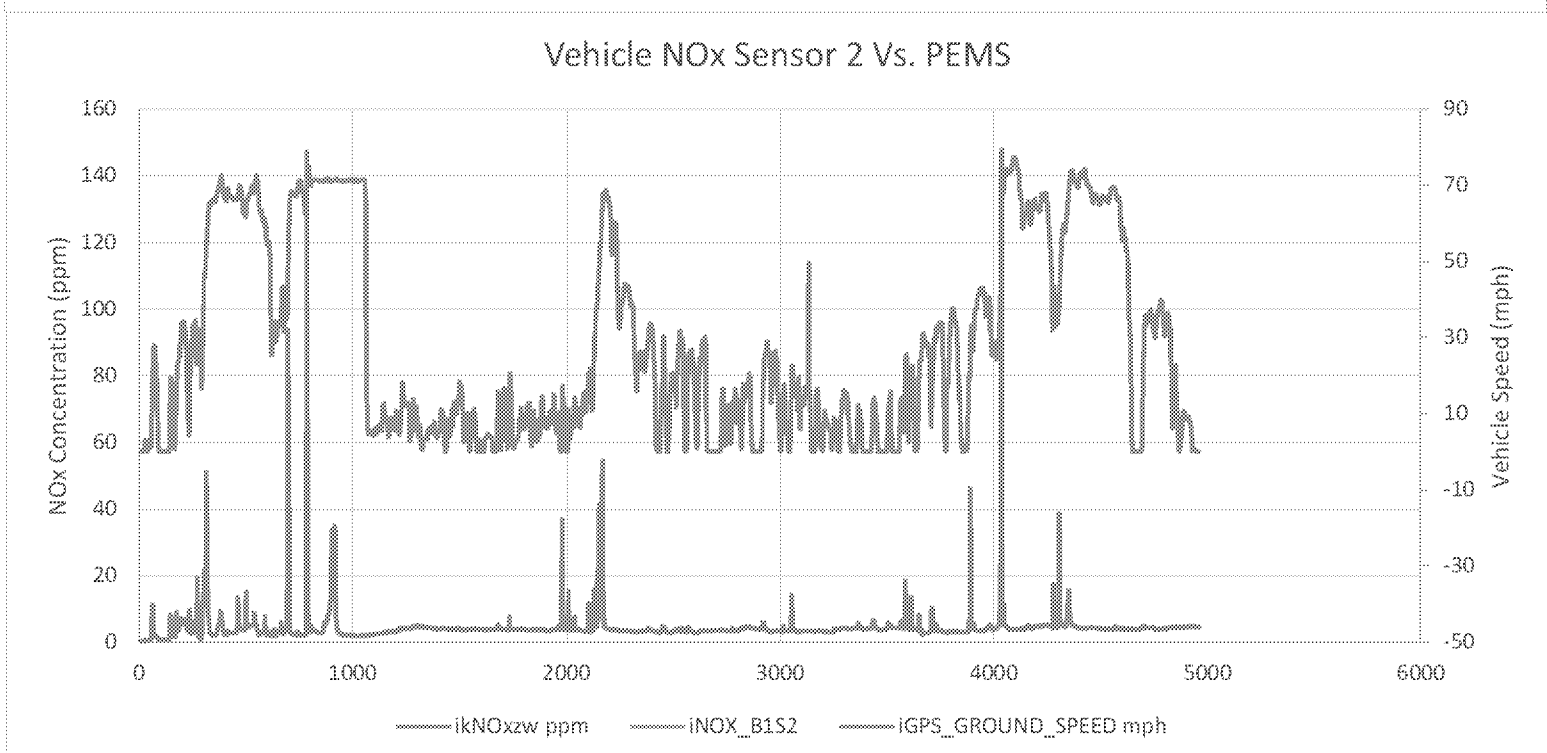
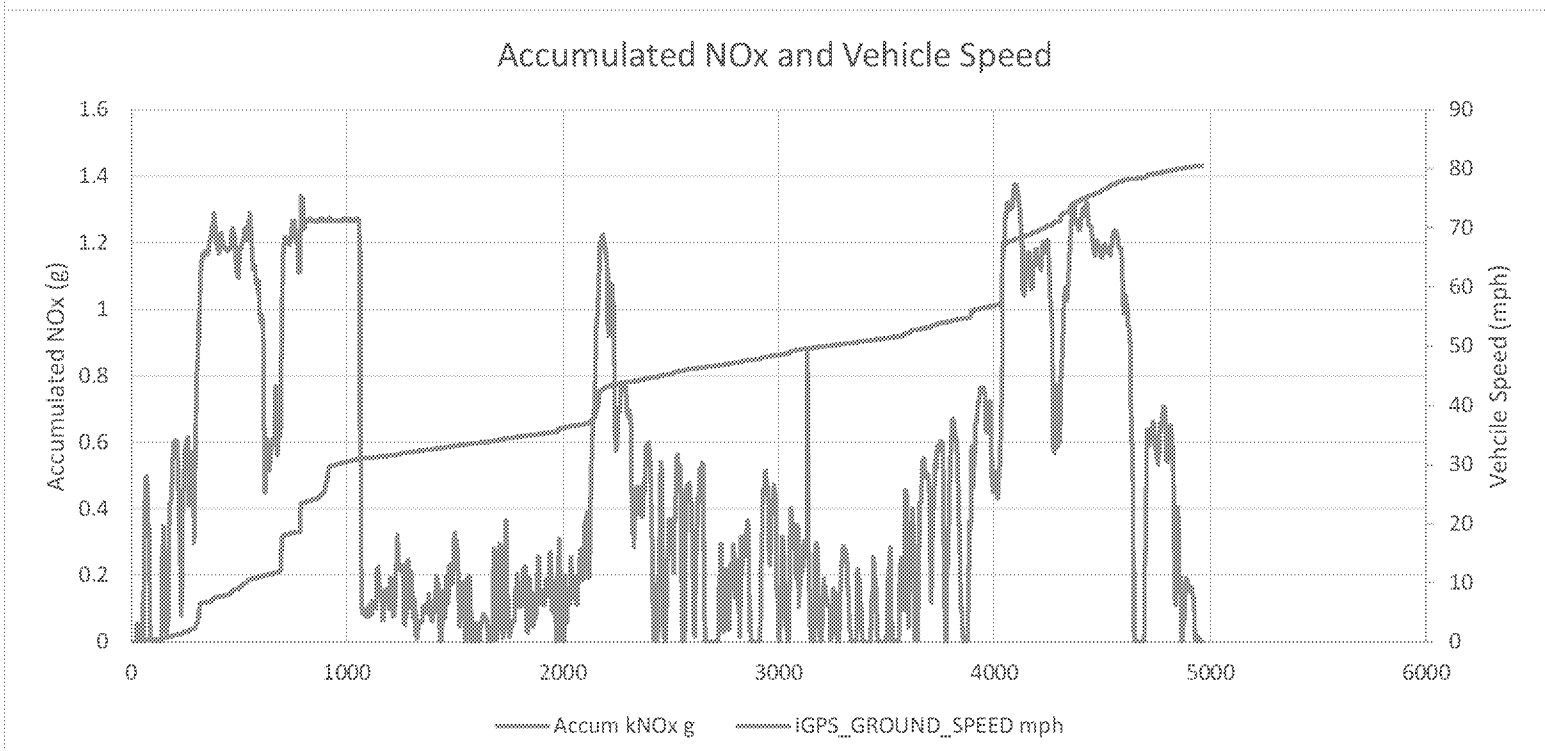
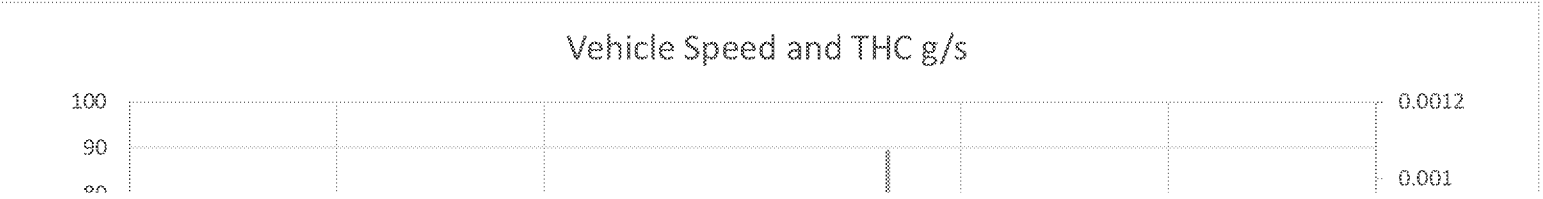
	-1	0	0.00315
	-1	0	0.00404









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81.4	1478
80.2	1503
71.2	1521
53	1515
43	1492
30.2	1458
24.8	1421
24.6	1389
11.6	1360
4.1	1319
1	1281
0	1235
0	1172
0	1094
0	957
13.1	789
22.7	803
21.7	820
31	763
39.9	728
47.3	694
48.1	687
46.6	681
48.7	677
47.8	680
46.9	682
48.2	679
48.2	679
46.9	680
46.4	680
46.6	679
47.4	677
46.7	678
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46.9	679
47.7	679
46.4	680
47.5	681
46.8	679
47	678
48.4	680
49.5	678
47.8	680
47.2	680
47.7	682
46.9	680
47	678
46.2	679

54.14667	435.526712	336.084118	18.4	0.000973	0.00104	0	19	11.4
39.75175	431.523212	280.930801	22.3	0.000615	0.00069	0	19	11.3
25.14349	427.519711	280.3	23.1	0.000456	0.00053	0	19	10.4
26.94422	423.516211	279.380211	25.8	0.000376	0.00035	0	19	7.8
28.70162	419.512711	307.903095	26.9	0.000398	0.00025	0	19	5.5
22.07636	405.413864	289.442034	27.3	0.000387	0.00016	0	19	3.8
18.70343	388.74368	276.274578	27.7	0.000333	0.00011	0	19	3.1
16.07478	372.073497	275.33264	28	0.000275	0.00008	0.00002	19	2.7
15.46637	355.403313	274.463835	28	0.000229	0.00007	0.00005	19	2.5
15.65175	338.786998	301.325995	27.9	0.000194	0.00006	0.00008	19	2.2
15.24465	323.04559	272.1	27.3	0.000157	0.00007	0.0001	19	2.5
13.75382	307.304182	271.594362	26.7	0.000119	0.00005	0.00008	19	2.2
12.60257	291.562773	270.8	25.9	0.000095	0.00004	0.00007	19	2
10.50055	275.821365	271.587679	25.1	0.000074	0.00004	0.00004	19	1.8
10.0968	266.497335	269.61671	24.9	0.000059	0.00003	0.00003	19	1.7
9.42286	257.910195	268.668549	24	0.000046	0.00003	0.00002	19	1.7
8.91896	249.323054	267.678553	22.9	0.000036	0.00002	0.00001	19	1.6
7.62386	240.735914	267.3	22.1	0.000028	0.00002	0.00001	19	1.6
8.16	233.385026	250.310506	20	0.000024	0.00002	0	19	1.5
8.32906	232.112988	265.820471	19.4	0.000022	0.00002	0	19	1.4
8.59982	230.840951	264.922287	17.1	0.00002	0.00002	0	19	1.3
8.23954	229.568913	264.000873	14.3	0.000021	0.00002	0	19	1.3
9.28996	228.296876	257.54608	10.6	0.000024	0.00002	0	19	1.3
9.35714	229.662138	258.200778	9.9	0.000028	0.00002	0	19	1.2
8.93337	232.223385	262.753176	7	0.000031	0.00002	0	19	1.1
8.63961	234.784633	262.052982	3.9	0.000037	0.00002	0	19	1.1
8.6815	237.34588	262.05992	3.4	0.000045	0.00002	0	19	1.1
8.72	239.563083	250.65353	1.7	0.000053	0.00002	0	19	1.1
8.18598	240.386737	260.5	0.6	0.000061	0.00002	0	19	1.1
7.6034	241.210391	260.5	0.6	0.000063	0.00002	0	19	1.1
8.39019	242.034044	260.5	0.5	0.000069	0.00002	0	19	1.1
8.47992	242.857698	259.375309	0.5	0.000074	0.00002	0.00001	19	1.1
8.6574	243.220276	254.77187	0.4	0.000079	0.00002	0	19	1.1
8.60757	243.048084	258.694839	0.2	0.000082	0.00001	0.00002	19	1
8.58701	242.875893	258.5	0	0.000084	0.00001	0.00001	19	1
8.63699	242.703702	258.330213	0	0.000086	0.00001	0.00002	19	0.9
8.63664	242.531511	254.3575	0	0.000086	0.00001	0.00001	19	0.9
8.53586	242.288661	256.068003	0	0.000086	0.00001	0.00002	19	0.8
8.58726	242.029985	257.1	0	0.000085	0.00001	0.00002	19	0.8
8.69575	241.771308	256.869162	0	0.000085	0.00001	0.00001	19	0.8
8.6425	241.512632	256.5	0	0.000085	0.00001	0.00002	19	0.8
8.57478	241.250577	248.749349	0	0.000085	0.00001	0.00002	19	0.8
8.55543	240.972918	255.8	0	0.000086	0.00001	0.00003	19	0.8
8.61	240.695258	255.411486	0	0.000084	0.00001	0.00002	19	0.8
8.61785	240.417599	255	0	0.000085	0.00001	0.00002	19	0.8
8.71277	240.13994	254.13272	0	0.000086	0.00001	0.00002	19	0.8
8.56536	239.874642	250.433509	0	0.000086	0.00001	0.00002	19	0.8
8.59278	239.621904	254.3	0	0.000089	0.00001	0.00003	19	0.8
8.96575	239.369166	254.952666	0	0.000092	0.00001	0.00002	19	0.8
8.65538	239.116428	254.188722	0	0.000089	0.00001	0.00003	19	0.8
8.61018	238.86369	251.163933	0	0.000088	0.00001	0.00002	19	0.8
8.76775	238.681565	252.656544	0	0.000087	0.00001	0.00003	19	0.8
8.66692	238.52323	254.229897	0	0.000087	0.00001	0.00002	19	0.8
8.76865	238.364895	254.011952	0	0.000087	0.00001	0.00002	19	0.8
8.6289	238.20656	253.752632	0	0.000087	0.00001	0.00003	19	0.8
8.63582	238.01825	247.250891	0	0.000084	0.00001	0.00002	19	0.8
8.33425	237.76825	253	0	0.000081	0.00001	0.00002	19	0.8
8.36316	237.51825	253	0	0.000084	0.00001	0.00002	19	0.7
8.62614	237.26825	253.559335	0	0.000085	0.00001	0.00003	19	0.7
8.48094	237.01825	252.925463	0	0.000086	0.00001	0.00002	19	0.7
8.61	236.678012	248.687873	0	0.000086	0.00001	0.00002	19	0.7
8.52	236.256782	253	0	0.000087	0.00001	0.00003	19	0.7
8.61	235.835552	253	0	0.000087	0.00001	0.00002	19	0.8

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150.217544	0	0.00804
141.226316	0	0.00805
132.235088	0	0.00806
123.24386	0	0.00807
116.671078	0	0.00808
112.260239	0	0.00809
107.849401	0	0.0081
103.438563	0	0.00811
99.027725	0	0.00812
96.518987	0	0.00813
94.588071	0	0.00814
92.657155	0	0.00815
90.726239	0	0.00816
88.883183	0	0.00817
87.781133	0	0.00818
86.679083	0	0.00819
85.577033	0	0.0082
84.474983	0	0.00821
82.929109	0	0.00822
81.047051	0	0.00823
79.164994	0	0.00824
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75.400878	0	0.00826
74.007566	0	0.00827
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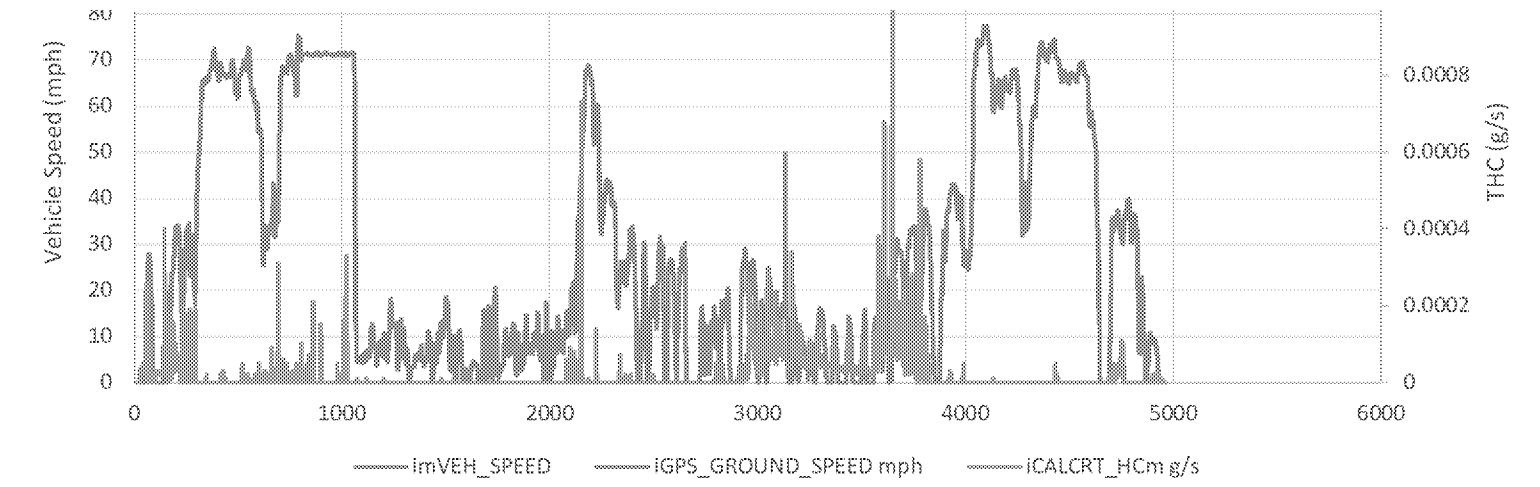

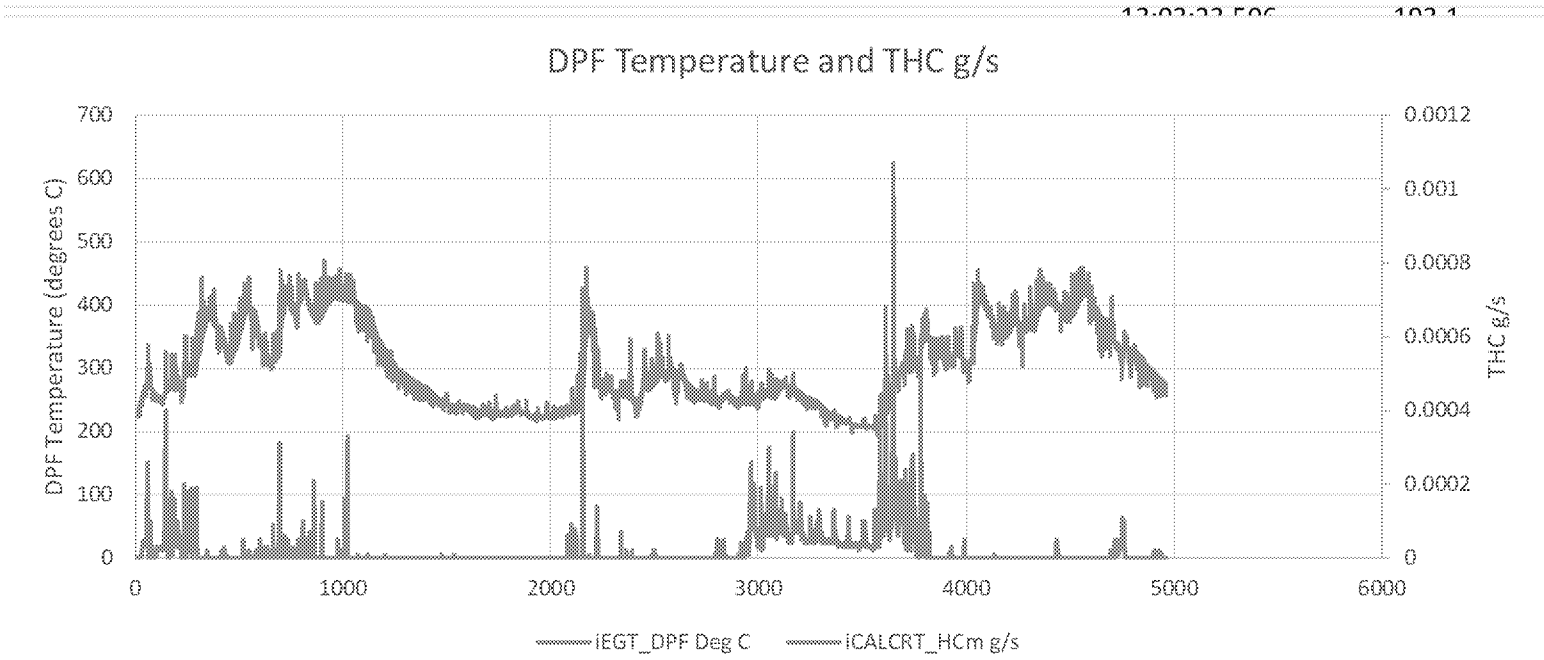

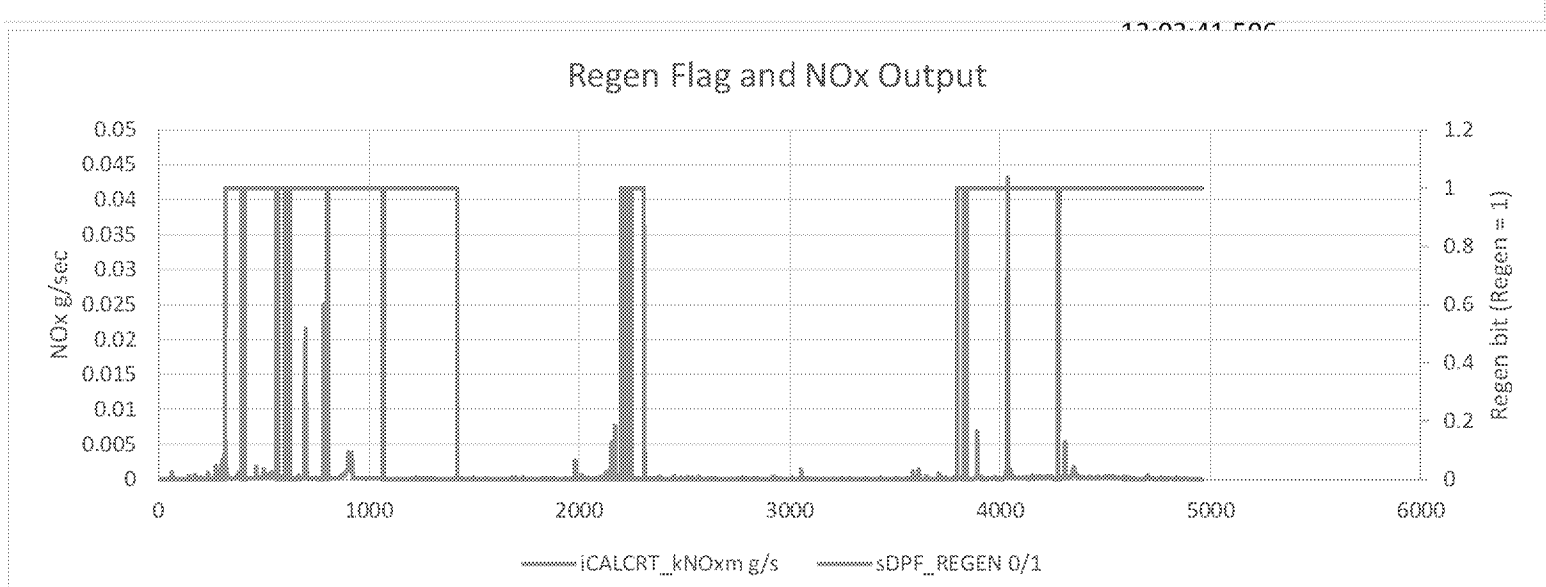

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		46.6	680
		46.1	678
		67.4	866
		74.3	1137
		84.6	1415
		87.6	1666
		75.1	1712
		99	1866
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		59.1	1723
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		3.3	989
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		27.5	794
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		47.9	681
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		47.8	679
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8.59837	234.400497	253	0	0.000089	0.00001	0.00002	19	0.8
8.56974	234.119719	253	0	0.000089	0.00001	0.00002	19	0.9
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8.63	233.558897	243.781643	0	0.000087	0.00001	0.00002	19	0.9
8.65884	233.283034	253.6	0	0.000087	0.00001	0.00003	19	0.9
8.66186	233.007172	253.6	0	0.000087	0.00001	0.00002	19	0.8
8.56499	232.73131	253.616822	0	0.000087	0.00001	0.00003	19	0.8
8.70112	232.455448	249.690376	0	0.000088	0.00001	0.00002	19	0.8
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41.38108	313.821408	259.334256	3.3	0.000631	0.00023	0.0001	19	3.5
47.86195	342.083175	260.901872	6.6	0.000809	0.00042	0.00025	19	5.4
43.0682	370.344942	263.370149	11	0.000856	0.00058	0.0004	19	7.2
38.57974	389.555518	326.622763	14	0.000642	0.00051	0.00032	19	7.9
26.37435	374.51015	267.107101	16.5	0.000459	0.0004	0.00019	19	8.3
17.46112	359.464782	267.632522	18.5	0.000297	0.00027	0.00008	19	7.9
18.26012	344.419413	267.3	19.6	0.000256	0.00022	0.00006	19	6.8
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8.70122	268.450985	268	13.2	0.000046	0.00004	0.00002	19	2.4
8.9391	265.946704	267.783668	10.2	0.000045	0.00003	0.00001	19	2.2
8.92076	263.442423	267.3	7.2	0.000044	0.00003	0.00001	19	2.1
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8.59516	258.390144	268	4	0.000056	0.00003	0	19	1.9
8.65006	257.829437	267.476831	2.6	0.000062	0.00003	0	19	1.8
8.73346	257.26873	268	1.2	0.000068	0.00003	0	19	1.7
8.70744	256.708022	266.326435	0.8	0.000074	0.00002	0	19	1.6
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33.54317	303.503926	270.263929	3.8	0.000449	0.00012	0.00005	19	2.2
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24.46473	403.946318	269.700533	16.8	0.00048	0.00045	0.00009	19	8.8
22.93683	401.514568	269.5	18.4	0.000391	0.00034	0.00003	19	8.1
22.59586	399.082817	268.8	19.1	0.000374	0.00026	0.00003	19	6.6
24.17963	396.651067	314.839752	21.1	0.000395	0.00022	0.00001	19	5.3
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20.29956	374.158625	267.3	22.8	0.000351	0.00015	0.00009	19	3.9
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18.13511	345.754757	293.256153	23.6	0.000214	0.00011	0.00011	19	3.4
17.28524	348.077765	266.7	23.7	0.000203	0.00011	0.00012	19	3.4
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33.30145	362.956429	268.371308	24.7	0.000494	0.00027	0.00011	19	5

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13:04:55.506	192.5	52.2	906
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27.99815	380.142576	266	27.3	0.000505	0.00035	0.00003	19	7
26.44144	388.735649	266.563538	27.6	0.000494	0.00034	0.00003	19	7
24.37029	393.373494	320.623188	29	0.000409	0.00029	0.00003	19	7
22.60509	387.371625	267.030275	30.7	0.000379	0.00028	0.00006	19	7
23.01416	381.369757	266.785379	31.2	0.000348	0.00027	0.00008	19	6.9
20.66733	375.367889	266.7	31.6	0.000322	0.00024	0.00008	19	6.8
17.99323	369.366021	304.74204	31.7	0.000302	0.00022	0.00009	19	6.5
18.51013	357.084113	266.749819	32.3	0.000266	0.00021	0.00008	19	6.5
13.71021	344.732356	267.114545	33.4	0.000216	0.00017	0.00008	19	6.2
14.29386	332.3806	267.140125	33.5	0.000182	0.00015	0.00008	19	5.8
13.72241	320.028843	267.3	33.6	0.000156	0.00014	0.00008	19	5.6
15.82979	313.325632	280.246053	33.5	0.000161	0.00015	0.0001	19	5.5
17.15865	311.836462	267.443396	33.4	0.000152	0.00016	0.00008	19	5.4
17.00426	310.347292	268	33.3	0.000157	0.00015	0.00007	19	5.3
14.9212	308.858123	268	33.4	0.000158	0.00014	0.00005	19	5.2
13.76584	307.472101	285.908446	33.7	0.00017	0.00014	0.00005	19	5.2
15.62215	307.155072	268.8	33.8	0.000187	0.00015	0.00003	19	5.2
16.85347	306.838043	268.8	34.1	0.00019	0.00016	0.00006	19	5.2
19.51984	306.521014	269.5	34.1	0.000199	0.00018	0.00007	19	5.3
21.79665	306.203986	275.7	34.1	0.000215	0.00019	0.00007	19	5.3
17.15863	304.449321	274.931343	34.1	0.000212	0.00017	0.00006	19.6	5.5
14.96691	301.992954	270.8	34.1	0.000204	0.00017	0.00004	20	6.1
13.54154	299.536587	270.929	34.1	0.000206	0.00017	0.00003	20	6.5
14.45443	297.08022	271.5	33.9	0.000205	0.00018	0.00003	20	6.7
14.10006	294.371149	280.717197	33	0.000167	0.00016	0.00006	20	6.7
10.90224	283.763041	271.5	32.6	0.000134	0.00013	0.00006	20	6.4
8.82178	273.154932	271.851908	31.2	0.000114	0.00011	0.00005	20	6.2
9.91508	262.546824	272.1	30.6	0.000101	0.0001	0.00005	20	6.1
9.39833	251.938716	270.809513	30.2	0.000089	0.0001	0.00004	20	6
9.24362	243.570455	266.797039	28.8	0.000073	0.00009	0.00004	20	5.6
9.46148	236.752273	272.1	26.6	0.000062	0.00009	0.00002	20	5.4
8.76371	229.934091	272.1	24.2	0.000047	0.00008	0.00002	20	5.2
9.07486	223.115909	272.1	23.7	0.000037	0.00007	0.00001	20	4.7
7.94147	217.281107	245.961513	21.3	0.000028	0.00007	0	20	4.5
8.37928	215.611511	271.877869	18.3	0.000024	0.00006	0	20	4.3
8.46211	213.941916	271.921643	16.9	0.000019	0.00006	0	20	4.1
9.02106	212.27232	272.1	16.4	0.000017	0.00006	0	20	3.8
8.58735	210.602724	266.337653	14.6	0.000018	0.00005	0	20	3.4
9.1752	213.23082	260.140705	12.4	0.000022	0.00005	0	20	3.2
9.25251	218.286876	272.8	10.3	0.000028	0.00005	0	20	3.1
9.24887	223.342933	273.5	8.6	0.000036	0.00005	0	20	3.1
13.27261	228.398989	273.5	6.6	0.00007	0.00008	0	20	3.1
28.14165	236.461678	255.697568	5.2	0.00024	0.00014	0	20	3.1
59.50189	274.924768	275.917697	4.5	0.000714	0.00034	0	20	4
63.54315	313.387858	278.16735	4.7	0.001075	0.00076	0.00006	20	7.2
65.92157	351.850948	280.834565	6.2	0.001138	0.00104	0.0002	20	9.5
48.38065	390.314038	282.67898	9.5	0.000873	0.00086	0.0001	20	9.9
29.88202	423.038523	351.46907	14.5	0.000568	0.00056	0.00002	20	9.3
24.24401	418.027338	285.435946	19.3	0.000474	0.00041	0	20	8
30.76579	413.016152	286.306168	20.2	0.00047	0.00034	0	20	6.7
25.81426	408.004966	286.58831	22.8	0.000408	0.00021	0	20	4.8
23.19816	402.993781	305.785648	23.3	0.000382	0.00016	0.00001	20	4
31.0872	403.521477	303.847315	24.7	0.000431	0.00016	0.00005	20	3.3
29.14088	406.877181	287.764042	25.1	0.000489	0.00014	0.00009	20	2.8
31.89603	410.232886	288.6	26.5	0.000526	0.00014	0.00008	20	2.6
28.53923	413.588591	288.6	27.8	0.000518	0.00014	0.00003	20	2.6
18.46863	414.204696	350.380158	28.8	0.000379	0.00011	0	20	2.7
17.35496	403.291652	289.3	29.4	0.0003	0.00009	0	20	2.8
18.11588	392.378609	289.681818	31.1	0.00027	0.00009	0.00001	20	2.8
20.08686	381.465565	290	31.7	0.000269	0.00009	0.00007	20	2.9
17.28999	370.552522	298.032778	32.2	0.000256	0.00009	0.0001	20	2.8
17.00943	356.766553	306.45	32.7	0.000247	0.00008	0.00015	20	2.7

60.373016	0	0.01747
56.404762	0	0.01782
52.436508	0	0.01816
48.468254	0	0.01845
46.27802	0	0.01873
45.132019	0	0.019
43.986019	0	0.01924
42.840018	0	0.01946
41.880697	0	0.01967
41.43387	0	0.01984
40.987042	0	0.01999
40.540214	0	0.02013
40.093387	0	0.02028
42.746528	0	0.02044
46.21875	0	0.02059
49.690972	0	0.02073
53.163194	0	0.02087
55	0	0.02102
55	0	0.02118
55	0	0.02136
55	0	0.02155
54.929158	0	0.02172
53.201296	0	0.02189
51.473434	0	0.02206
49.745572	0	0.02224
48.017711	0	0.0224
45.280335	0	0.02253
41.096234	0	0.02264
36.912134	0	0.02274
32.728033	0	0.02284
28.543933	0	0.02293
24.638636	0	0.02302
20.775	0	0.0231
16.911364	0	0.02317
13.047727	0	0.02324
14.489083	0	0.0233
21.912664	0	0.02336
29.336245	0	0.02342
36.759825	0	0.02347
44.183406	0	0.02352
52.648744	0	0.02357
61.242838	0	0.02362
69.836933	0	0.0237
78.431027	0	0.02384
85.375283	0	0.02418
89.282336	0	0.02494
93.189389	0	0.02598
97.096443	0	0.02684
101.003496	0	0.0274
98.643653	0	0.02781
89.734967	0	0.02815
80.826281	0	0.02836
71.917595	0	0.02852
63.008909	0	0.02868
62.338265	0	0.02882
61.675867	0	0.02896
61.013469	0	0.0291
60.351071	0	0.02921
57.956966	0	0.0293
53.610085	0	0.02939
49.263204	0	0.02948
44.916323	0	0.02957
40.569441	0	0.02965

13:05:16.506	194.4	17.5	1512
13:05:17.506	194.5	18	1502
13:05:18.506	194.6	25.8	1498
13:05:19.506	194.8	33.2	1507
13:05:20.506	194.9	59.6	1516
13:05:21.506	195	62.2	1537
13:05:22.506	195.2	57.8	1553
13:05:23.506	195.3	68.5	1370
13:05:24.506	195.4	68.5	1299
13:05:25.506	195.6	39.7	1300
13:05:26.506	195.7	3.3	1274
13:05:27.506		0	1235
13:05:28.506		0	1155
13:05:29.506		0	1263
13:05:30.506		0	1338
13:05:31.506		4.9	1259
13:05:32.506		59.6	1411
13:05:33.506		95.4	1758
13:05:34.506		93	1974
13:05:35.506	194.2	61.5	2123
13:05:36.506	194	51	1750
13:05:37.506	193.8	54.6	1741
13:05:38.506	193.6	55.9	1704
13:05:39.506	193.4	44	1499
13:05:40.506	193.2	28	1459
13:05:41.506	193	36.2	1444
13:05:42.506	192.8	19.7	1409
13:05:43.506	192.6	37.6	1400
13:05:44.506	192.4	49.9	1374
13:05:45.506	192.3	41.6	1350
13:05:46.506	192.1	54.8	1357
13:05:47.506	191.9	53.5	1354
13:05:48.506	191.7	23.8	1338
13:05:49.506	191.5	0.2	1303
13:05:50.506	191.3	0	1241
13:05:51.506	191.1	0	1168
13:05:52.506	190.9	0	1236
13:05:53.506	190.7	0	1225
13:05:54.506	190.5	14.4	965
13:05:55.506		75.1	1441
13:05:56.506		98	1682
13:05:57.506		98.1	1534
13:05:58.506		93.2	1817
13:05:59.506		74.6	2091
13:06:00.506		53.6	2170
13:06:01.506		62.8	1918
13:06:02.506	192.9	68.8	1850
13:06:03.506	193.2	70.6	1804
13:06:04.506	193.5	71.5	1887
13:06:05.506	193.8	69.8	1976
13:06:06.506	194.2	52.7	2051
13:06:07.506	194.5	65.1	1735
13:06:08.506	194.8	65.7	1759
13:06:09.506	195.1	62	1525
13:06:10.506	195.4	74	1477
13:06:11.506	195.8	80.1	1496
13:06:12.506	196.1	75.7	1526
13:06:13.506	196.4	73.3	1560
13:06:14.506	196.7	69.1	1590
13:06:15.506	197.1	71	1616
13:06:16.506	197.4	73	1641
13:06:17.506	197.7	77.4	1670
13:06:18.506	198	87.8	1712

16.52694	341.000596	290	33.2	0.000209	0.00008	0.00017	20	2.7
13.16544	325.234638	289.971545	33.2	0.00018	0.00008	0.00018	20	2.7
17.31961	309.468681	289.542755	33.1	0.000145	0.00008	0.00018	20	2.8
17.97115	293.702723	290.625869	33	0.000131	0.00009	0.00015	20	2.8
20.13439	297.228319	289.362714	32.9	0.000133	0.00009	0.00013	20	2.7
20.52883	303.089664	289.427108	33	0.000157	0.0001	0.00009	20	2.8
19.62864	308.951008	290	33.2	0.000191	0.0001	0.00008	20	3
28.57138	314.812353	290	33.6	0.000271	0.00014	0.00009	20	3.4
20.53316	318.858044	304.641622	33.8	0.000324	0.00019	0.00014	20	4.4
18.31161	310.964436	290.6	33.8	0.000298	0.0002	0.00013	20	5.5
11.57711	303.070828	290.6	34.1	0.000199	0.00014	0.00006	20	6.2
9.53078	295.17722	290.6	34.6	0.000161	0.00012	0.00004	20	6.6
8.7271	287.283612	289.847091	34.4	0.000129	0.00011	0.00002	20	6.6
9.2473	288.08198	287.642949	33.6	0.000108	0.00011	0.00002	20	6.6
10.57275	298.681938	288.896739	32.3	0.000095	0.00011	0.00002	20	6.1
10.25112	309.281895	289.227941	29.3	0.000127	0.00018	0.00003	20	5.4
41.476	319.881853	289.3	24.4	0.000341	0.0003	0.00009	20	4.2
70.66138	330.48181	299.202257	23.2	0.000893	0.00061	0.00013	20	5.4
101.15608	344.224989	297.709199	23.1	0.001532	0.00186	0.00019	20	11.9
51.23661	358.999211	295.330404	25	0.000946	0.00201	0.0001	20	19.2
32.48176	373.773433	296.8	28.2	0.000447	0.00108	0.00002	20	18.6
19.94565	388.547655	297.263526	30.6	0.000329	0.00059	0	20	12.9
27.8443	397.255866	347.046154	31	0.000295	0.00032	0	20	7.9
18.67519	380.270873	298.011828	32.1	0.000242	0.00017	0	20	5.1
14.89794	363.28588	297.5	32.1	0.00021	0.00011	0.00002	20	3.7
16.28604	346.300887	297.5	32.1	0.000185	0.00007	0.00006	20	2.6
14.587	329.315894	303.380812	32	0.000137	0.00005	0.00006	20	2.2
18.54364	321.880096	299.880026	31.4	0.000143	0.00006	0.00009	20	1.9
15.67133	316.936964	298.2	30.8	0.000105	0.00005	0.00008	20	1.7
14.77832	311.993832	298.2	30.3	0.000117	0.00004	0.00008	20	1.5
16.75589	307.0507	298.2	30.2	0.00016	0.00005	0.00007	20	1.3
15.22144	301.028136	300.556136	30.1	0.000154	0.00004	0.00004	20	1.2
13.00378	291.200694	298.8	29.7	0.000127	0.00002	0.00004	20	1.1
9.62886	281.373253	298.8	29.7	0.000117	0.00002	0.00004	20	1
8.56326	271.545812	298.223581	29.4	0.000105	0.00002	0.00004	20	0.9
9.49928	261.718371	297.285396	28.4	0.000095	0.00002	0.00004	20	0.9
9.99332	260.301881	287.665053	27.5	0.000084	0.00002	0.00005	20	0.9
9.82234	268.408236	298.383387	26	0.000067	0.00002	0.00005	20	0.9
8.24084	276.514591	298.234111	20.7	0.000056	0.00002	0.00004	20	0.9
28.64899	284.620947	299.062872	18.1	0.000149	0.00005	0.00011	20	0.9
51.97925	292.727302	298.357422	17.6	0.000509	0.00007	0.0001	20	0.9
56.93346	324.42211	301.557216	16.7	0.000993	0.0001	0.0001	20	1
77.59415	360.510022	304.34058	18.7	0.001389	0.00032	0.00016	20	2.5
88.31481	396.597934	307.555556	22.2	0.001795	0.00116	0.00019	20	6.5
70.12728	432.685846	310.210317	26.2	0.001103	0.00147	0.00006	20	10.9
61.72586	461.116742	372.254128	29.1	0.000903	0.00138	0	20	12.6
60.84858	471.071493	313.644587	30.7	0.000875	0.00125	0	20	12.1
60.179	481.026244	314.610271	35	0.000927	0.00113	0	20	10.8
83.14774	490.980995	315.603983	36.1	0.001238	0.00158	0	20	11.7
95.43867	500.935747	334.840982	39.6	0.001471	0.00266	0	20	16.3
69.14849	498.412684	345.113328	41	0.000995	0.00264	0	20	21.1
46.71979	489.229685	320.054297	42	0.000646	0.0018	0	20	21.2
44.5009	480.046686	321.4	45.1	0.000571	0.00134	0	20	18.8
32.9768	470.863686	321.873312	46	0.000475	0.00092	0	20	15.5
33.38138	463.481362	387.60723	46.5	0.000477	0.0008	0	20	13.9
51.2775	470.520656	322.1	46.7	0.000671	0.00102	0	20	13.4
61.2969	477.55995	322.581314	47.3	0.000911	0.00156	0	20	16.2
64.34841	484.599244	323.6	47.7	0.001003	0.00239	0	20	22.5
55.63165	491.638538	324.956678	49	0.000971	0.00273	0	20	26
62.53229	500.624342	390.528269	49.7	0.000964	0.0027	0	20	26
73.17939	513.193494	328.037162	50	0.001144	0.00311	0	20	25.7
76.00218	525.762647	330.223333	51.3	0.001297	0.00363	0	20	27
99.50399	538.331799	332.31883	52.4	0.001644	0.00586	0	20	35.7

42.405152	0	0.02973
45.172876	0	0.02981
47.9406	0	0.02989
50.708324	0	0.02998
56.379752	0	0.03007
76.029475	0	0.03017
95.679197	0	0.03027
115.328919	0	0.03041
134.978642	0	0.0306
133.470588	0	0.0308
109.941176	0	0.03094
86.411765	0	0.03106
62.882353	0	0.03117
39.352941	0	0.03128
82.078224	0	0.03139
149.308668	0	0.03157
216.539112	0	0.03187
283.769556	0	0.03248
351	0	0.03434
292.824592	0	0.03635
234.649185	0	0.03743
176.473777	0	0.03802
118.298369	0	0.03834
84.053974	0	0.03851
77.677294	0	0.03862
71.300615	0	0.03869
64.923935	0	0.03874
59.372052	0	0.0388
64.612227	0	0.03885
69.852402	0	0.03889
75.092576	0	0.03894
80.332751	0	0.03898
77.602069	0	0.039
66.608321	0	0.03902
55.614572	0	0.03904
44.620823	0	0.03906
33.627075	0	0.03908
60.039578	0	0.0391
92.949882	0	0.03912
125.860185	0	0.03917
158.770488	0	0.03924
191.922944	0	0.03934
226.026117	0	0.03966
260.12929	0	0.04082
294.232463	0	0.04229
328.335636	0	0.04367
346.5	0	0.04492
352.640351	0	0.04605
358.780702	0	0.04763
364.921053	0	0.05029
370.588477	0	0.05293
329.436214	0	0.05473
288.283951	0	0.05607
247.131687	0	0.05699
205.979424	0	0.05779
211.50272	0	0.05881
289.117782	0	0.06037
366.732845	0	0.06276
444.347908	0	0.06549
521.962971	0	0.06819
588.89095	0	0.0713
649.071946	0	0.07493
709.252941	0	0.08079

13:06:19.506	198.4	77	1759
13:06:20.506	198.7	67.1	1792
13:06:21.506	199	73.8	1822
13:06:22.506	199.3	73.2	1856
13:06:23.506		67.1	1893
13:06:24.506		70.8	1854
13:06:25.506		73.5	1615
13:06:26.506		71.3	1632
13:06:27.506		62.4	1643
13:06:28.506		64.3	1655
13:06:29.506		71.7	1671
13:06:30.506	196.9	69.1	1684
13:06:31.506	196.5	57.3	1694
13:06:32.506	196.2	49.6	1696
13:06:33.506	195.9	49	1691
13:06:34.506	195.6	49.6	1686
13:06:35.506	195.2	55.6	1682
13:06:36.506	194.9	51.8	1679
13:06:37.506	194.6	52.2	1679
13:06:38.506	194.3	56.4	1679
13:06:39.506	193.9	57.8	1678
13:06:40.506	193.6	75.1	1683
13:06:41.506	193.3	85.8	1700
13:06:42.506	193	80.1	1704
13:06:43.506	192.6	70.6	1707
13:06:44.506	192.3	67.5	1710
13:06:45.506	192	64.7	1709
13:06:46.506	191.7	65.1	1706
13:06:47.506	191.3	64.9	1703
13:06:48.506	191	63.3	1699
13:06:49.506	190.7	56.7	1698
13:06:50.506		51.5	1698
13:06:51.506		55.3	1695
13:06:52.506		63.4	1694
13:06:53.506		69.1	1694
13:06:54.506		74.1	1696
13:06:55.506		73.7	1697
13:06:56.506		73.6	1698
13:06:57.506		75.3	1699
13:06:58.506	190.9	75.1	1701
13:06:59.506	191	81	1704
13:07:00.506	191.1	82.5	1710
13:07:01.506	191.1	82.8	1717
13:07:02.506	191.2	80.4	1724
13:07:03.506	191.3	73.8	1732
13:07:04.506	191.3	71	1740
13:07:05.506	191.4	78	1743
13:07:06.506	191.4	79.2	1748
13:07:07.506	191.5	84.7	1752
13:07:08.506	191.6	81.6	1756
13:07:09.506	191.6	80.1	1762
13:07:10.506	191.7	78.7	1767
13:07:11.506	191.8	77	1776
13:07:12.506	191.8	77.8	1779
13:07:13.506	191.9	74.7	1784
13:07:14.506	192	79.6	1789
13:07:15.506	192	81.4	1794
13:07:16.506	192.1	82.9	1804
13:07:17.506	192.2	84.2	1813
13:07:18.506		71.2	1818
13:07:19.506		74	1822
13:07:20.506		80.7	1826
13:07:21.506		86.9	1830

86.1079	550.900952	386.233547	52.7	0.001402	0.00796	0	20	51.1
67.21772	551.958526	338.606352	54.2	0.001184	0.0065	0	20	49.1
72.59803	550.708256	339.822936	56.4	0.001251	0.00509	0	20	37
85.93364	549.457987	341.429194	56.9	0.001329	0.00412	0	20	28
77.73845	548.207717	344.167296	58.3	0.001164	0.00313	0	20	23.6
64.84563	545.954919	442.550132	58.6	0.000874	0.00199	0	20	19.4
60.36375	539.536975	348.628062	59.7	0.000894	0.00145	0	20	14.5
61.78875	533.119032	349.954605	60.9	0.000935	0.00126	0	20	12.1
45.92838	526.701088	351.517834	61.7	0.00074	0.00088	0	20	10.3
47.07044	520.283145	382.027184	62.5	0.000739	0.00071	0	20	8.3
55.80876	512.247988	379.22185	63.6	0.00083	0.00066	0	20	7.1
53.24411	503.489649	356.348171	64	0.00076	0.0006	0	20	6.9
42.19774	494.731311	357.737824	64.6	0.000578	0.00048	0	20	6.7
32.94759	485.972972	358.783137	65.1	0.000419	0.00032	0	20	5.5
29.1365	477.194215	406.86105	65.5	0.000362	0.00024	0	20	4.6
29.61629	467.97183	360	65.5	0.000345	0.00019	0	20	3.7
33.44662	458.749445	360.692288	65.5	0.000381	0.00018	0	20	3.1
33.61442	449.527059	362.112549	65.3	0.000404	0.00016	0	20	2.8
32.92607	440.304674	362.3	65.1	0.0004	0.00016	0	20	2.8
36.81975	434.851967	392.625221	65	0.000431	0.00016	0	20	2.7
33.1491	439.437927	364.597637	65	0.000416	0.00015	0	20	2.6
36.54239	444.023886	365.4	64.9	0.000505	0.00016	0	20	2.5
50.19327	448.609846	366.281649	64.9	0.000664	0.00018	0	20	2.4
42.08691	453.195805	381.805761	65	0.000661	0.00017	0	20	2.5
33.34504	450.50919	380.559342	65.1	0.000537	0.00015	0	20	2.5
29.38037	444.272867	370.808183	65.5	0.00047	0.00013	0	20	2.5
26.39891	438.036543	371.6	65.9	0.000419	0.00012	0	20	2.5
27.56237	431.800219	372.049032	66	0.000407	0.00012	0	20	2.5
28.47115	425.547905	396.862058	66.1	0.000404	0.00011	0.00001	20	2.4
29.30521	419.154816	373.38	65.9	0.000403	0.00011	0.00001	20	2.3
27.34189	412.761728	374.1	65.9	0.000393	0.00011	0.00001	20	2.2
26.43789	406.368639	374.681371	65.9	0.000373	0.00011	0.00001	20	2.2
26.6248	399.975551	375.284444	65.8	0.000365	0.00011	0.00002	20	2.2
29.4188	398.579225	381.654814	65.7	0.000378	0.00011	0	20	2.2
29.72622	402.772499	376.054584	65.6	0.000407	0.00011	0	20	2.2
33.78857	406.965773	376.994151	65.5	0.000476	0.00012	0	20	2.1
33.82497	411.159046	377.992891	65.5	0.000515	0.00012	0	20	2.1
35.18372	415.35232	386.300915	65.5	0.000543	0.00013	0	20	2.1
34.38166	420.89552	383.466962	65.5	0.000551	0.00013	0	20	2.2
34.12693	426.832884	379.4	65.6	0.000569	0.00013	0	20	2.2
37.9224	432.770248	380.39912	65.6	0.000602	0.00014	0	20	2.2
42.31401	438.707612	380.9	65.7	0.000702	0.00016	0	20	2.2
48.6283	443.964085	411.704627	65.9	0.000798	0.00017	0	20	2.2
48.98925	446.032746	381.8	66.1	0.000822	0.00019	0	20	2.3
45.75195	448.101408	381.8	66.2	0.000751	0.0002	0	20	2.5
37.09022	450.17007	381.8	66.7	0.000618	0.00018	0	20	2.6
38.67837	452.238732	388.481846	67	0.000616	0.00018	0	20	2.6
41.6295	454.915566	392.689412	67.1	0.000674	0.00018	0	20	2.6
41.77698	457.946525	381.8	67.4	0.000693	0.00019	0	20	2.6
46.32629	460.977484	380.9	67.6	0.000756	0.00021	0	20	2.7
46.4085	464.008443	380.556243	67.6	0.000771	0.00023	0	20	2.9
47.47578	467	414.535823	67.8	0.000773	0.00025	0	20	3.1
45.87849	467	379.33222	68.2	0.000751	0.00028	0	20	3.5
45.08867	467	378.393805	68.4	0.000723	0.0003	0	20	3.8
42.51412	467	377.440182	68.4	0.000685	0.00032	0	20	4.3
41.47614	467	376.544458	68.6	0.000663	0.00033	0	20	4.6
43.43994	467.309268	416.158568	68.8	0.000717	0.00035	0	20	4.7
50.93857	468.522082	375.262246	69.1	0.000816	0.00039	0	20	4.7
55.47897	469.734897	374.211013	69.4	0.000892	0.00044	0	20	4.8
46.39695	470.947712	373.2	69.7	0.00077	0.00043	0	20	5.2
42.79111	472.160526	403.518493	70.1	0.000658	0.0004	0	20	5.5
42.76191	478.877834	371.6	70.3	0.000685	0.00045	0	20	6.1
45.97048	486.310414	371.503377	70.4	0.000739	0.00047	0	20	6.3

769.433937	0	0.08875
801.1125	0	0.09525
713.6125	1	0.10034
626.1125	1	0.10446
538.6125	1	0.10759
451.1125	1	0.10958
409.51777	1	0.11103
419.06908	1	0.11229
428.620391	1	0.11317
438.171701	1	0.11388
447.723012	1	0.11454
394.209109	1	0.11514
338.811693	1	0.11562
283.414276	1	0.11594
228.01686	1	0.11618
195.08482	1	0.11637
195.294772	1	0.11655
195.504724	1	0.11671
195.714676	1	0.11687
195.924627	1	0.11703
192.940998	1	0.11718
188.168764	1	0.11734
183.396529	1	0.11752
178.624295	1	0.11769
173.354583	1	0.11784
152.534664	1	0.11797
131.714746	1	0.11809
110.894827	1	0.11821
90.074909	1	0.11832
77.962276	1	0.11843
80.549041	1	0.11854
83.135805	1	0.11865
85.72257	1	0.11876
88.309334	1	0.11887
88.533121	1	0.11898
87.896178	1	0.1191
87.259236	1	0.11922
86.622293	1	0.11935
86.174476	1	0.11948
93.760375	1	0.11961
101.346274	1	0.11975
108.932173	1	0.11991
116.518072	1	0.12008
123.211035	1	0.12027
129.146406	1	0.12047
135.081776	1	0.12065
141.017147	1	0.12083
146.952517	1	0.12101
147.841034	1	0.1212
148.688851	1	0.12141
149.536668	1	0.12164
150.384485	1	0.12189
151.978366	1	0.12217
155.549044	1	0.12247
159.119723	1	0.12279
162.690401	1	0.12312
166.26108	1	0.12347
167.041345	1	0.12386
165.172623	1	0.1243
163.303901	1	0.12473
161.435179	1	0.12513
164.379236	1	0.12558
183.255255	1	0.12605

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13:07:23.506		80.8	1852
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13:07:28.506	190.9	53.3	1856
13:07:29.506	190.7	43.4	1842
13:07:30.506	190.6	47.3	1832
13:07:31.506	190.5	39.5	1823
13:07:32.506	190.3	15.1	1808
13:07:33.506	190.2	11.5	1794
13:07:34.506	190.1	0	1779
13:07:35.506	189.9	0	1767
13:07:36.506	189.8	0	1760
13:07:37.506	189.7	0.4	1751
13:07:38.506	189.6	9.9	1746
13:07:39.506	189.4	41.3	1743
13:07:40.506	189.3	47	1746
13:07:41.506	189.2	14.5	1744
13:07:42.506	189	8.6	1737
13:07:43.506	188.9	0	1731
13:07:44.506	188.8	0	1724
13:07:45.506	188.7	0	1718
13:07:46.506		0	1714
13:07:47.506		1	1704
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13:07:50.506		63.1	1703
13:07:51.506		82.1	1716
13:07:52.506		79.7	1736
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13:07:58.506	190.2	29.1	1786
13:07:59.506	190.3	29.8	1780
13:08:00.506	190.5	44.2	1770
13:08:01.506	190.6	49.5	1755
13:08:02.506	190.7	47.5	1751
13:08:03.506	190.9	28.3	1739
13:08:04.506	191	65.1	1732
13:08:05.506	191.1	63.1	1731
13:08:06.506	191.2	62.7	1731
13:08:07.506	191.4	65.7	1729
13:08:08.506	191.5	69	1729
13:08:09.506	191.6	65.1	1727
13:08:10.506	191.8	65.3	1724
13:08:11.506	191.9	64.5	1722
13:08:12.506	192	63.2	1720
13:08:13.506	192.1	71.8	1722
13:08:14.506		72.9	1725
13:08:15.506		69.2	1726
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13:08:18.506		58.2	1727
13:08:19.506		54.5	1724
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13:08:21.506		53.7	1717
13:08:22.506	193.9	53.4	1710
13:08:23.506	194.1	54.7	1708
13:08:24.506	194.2	65.7	1705

60.83736	493.742995	369.940929	70.5	0.001021	0.00066	0	20	6.5
67.9521	501.175576	369.3	70.6	0.00114	0.00084	0	20	7.4
64.43522	501.720705	424.374713	70.8	0.001091	0.00096	0	20	8.5
48.38741	487.895721	368.990931	71.1	0.000828	0.00085	0	20	9.2
28.35697	474.070737	368.6	71.7	0.00044	0.00053	0	20	9.2
28.98875	460.245754	368.520941	72.1	0.000364	0.00046	0	20	8.9
27.61795	446.42077	379.678255	72.5	0.000332	0.0004	0	20	8.3
27.66033	429.913332	377.018813	72.4	0.000313	0.00036	0	20	7.5
27.08665	412.102532	367	71.9	0.000281	0.00033	0	20	6.9
27.02261	394.291733	366.1	71.1	0.000278	0.00031	0	20	6.7
25.07013	376.480933	366.1	70.9	0.000248	0.00031	0	20	6.5
23.76889	358.670134	363.203175	70.7	0.000151	0.00025	0	20	6.4
19.99718	340.022495	365.258553	70.1	0.000135	0.00038	0	20	6.2
45.78068	321.276679	365.4	70	0.000079	0.00041	0	20	5.5
46.37381	302.530864	365.4	69.4	0.000041	0.00034	0	20	4.4
47.1504	283.785048	365.996235	68.8	0.000034	0.00029	0	20	3.7
24.47385	271.525194	334.251488	68.1	0.000018	0.00013	0	20	3.2
21.9681	268.445952	365.4	68	0.000026	0.00011	0	20	3
21.93946	265.36671	365.4	67.6	0.000056	0.0001	0	20	2.8
22.94304	262.287468	364.779953	67.5	0.000102	0.00011	0	20	2.7
20.95012	259.208226	340.344792	67.4	0.000107	0.0001	0	20	2.6
27.0124	252.108078	354.008654	67.4	0.000111	0.00015	0	20	2.6
44.29004	243.80688	365.4	67.3	0.000076	0.0002	0	20	2.7
46.28375	235.505683	365.4	67.1	0.000033	0.0002	0	20	2.6
46.61642	227.204485	365.662407	66.6	0.000033	0.00019	0	20	2.5
46.48482	218.903288	324.435258	66.5	0.000032	0.00017	0	20	2.3
20.90341	232.014772	366.1	66.4	0.000019	0.0001	0	20	2.2
24.80562	249.114145	366.1	66	0.000021	0.00009	0	20	2.2
31.75114	266.213518	366.1	65.7	0.000128	0.00011	0	20	2.2
42.19759	283.312892	366.1	65.7	0.000407	0.00015	0	20	2.1
49.09086	299.188484	340.115909	65.7	0.00064	0.00017	0	20	2.2
37.92468	313.024441	365.768969	65.8	0.000581	0.00017	0	20	2.5
32.4914	326.860398	365.4	66.4	0.000489	0.00017	0	20	2.9
33.486	340.696355	364.558691	67.2	0.000481	0.00016	0	20	2.9
28.11333	354.532312	363.574559	68.1	0.000443	0.00016	0	20	3
27.78979	354.803224	362.125227	68.9	0.000396	0.00015	0	20	3.1
27.15948	343.840198	361.851095	69.2	0.000347	0.00015	0	20	3.1
23.5292	332.877171	360.919326	69.2	0.000249	0.00013	0.00001	20	3.2
21.21506	321.914144	359.816038	69.2	0.000175	0.00012	0.00002	20	3.1
22.19247	310.951118	343.856818	69.1	0.00017	0.00012	0	20	3.1
22.36008	310.329698	356.08901	68.6	0.000172	0.00012	0	20	3.1
22.73879	310.921539	356.772656	68.1	0.000172	0.00012	0	20	3
33.78519	311.51338	355.034771	68	0.000216	0.00015	0	20	3
29.25056	312.105221	353.490654	67.6	0.000275	0.00014	0	20	2.9
27.49161	313.750939	332.535526	67	0.000343	0.00014	0	20	3
30.10488	320.768857	350.414876	67	0.000379	0.00015	0	20	2.9
29.20647	327.786775	349.167917	67	0.000401	0.00015	0.00001	20	2.9
29.23174	334.804693	347.178182	66.9	0.000422	0.00015	0.00003	20	2.9
29.05841	341.822611	344.765775	66.9	0.000418	0.00015	0	20	2.9
29.26373	348.182124	343.517059	66.8	0.000416	0.00015	0.00003	20	2.9
30.17198	353.816839	340.894712	66.8	0.000429	0.00015	0.00002	20	2.9
33.86632	359.451554	338.653048	67	0.000472	0.00016	0.00002	20	2.9
34.20112	365.086269	336.606915	67	0.000513	0.00017	0.00001	20	2.9
33.63352	370.720984	344.841204	66.7	0.000521	0.00017	0	20	2.9
28.73268	368.660225	332.518574	66.6	0.000477	0.00016	0	20	2.9
28.55612	365.177079	329.884211	66.6	0.000427	0.00015	0	20	2.9
28.14	361.693933	327.839344	66.8	0.000397	0.00014	0	20	2.9
26.53433	358.210787	326.01	66.8	0.000367	0.00014	0	20	2.9
26.5038	355.726925	335.406364	66.7	0.000346	0.00013	0.00001	20	2.9
26.68243	354.780033	322.537447	66.7	0.000338	0.00013	0	20	2.9
26.68724	353.833141	320.398701	66.6	0.000335	0.00013	0	20	2.9
26.55285	352.886249	319.248185	66.4	0.000347	0.00014	0.00001	20	2.9
31.23141	351.939358	318.185514	66.3	0.000386	0.00015	0	20	2.9

202.131274	1	0.12671
221.007293	1	0.12755
239.883312	1	0.12851
233.333187	1	0.12936
207.601935	1	0.12989
181.870684	1	0.13035
156.139433	1	0.13075
130.677459	1	0.13111
116.653949	1	0.13144
102.630439	1	0.13175
88.606929	1	0.13206
74.583419	1	0.13231
60.71816	1	0.13269
47.604134	1	0.1331
34.490109	1	0.13344
21.376084	1	0.13373
8.262058	1	0.13386
11.867472	0	0.13397
23.522987	0	0.13407
35.178502	0	0.13418
46.834017	0	0.13428
57.557347	0	0.13443
47.017979	1	0.13463
36.478611	1	0.13483
25.939244	1	0.13502
15.399876	1	0.13519
14.300877	1	0.13529
50.265789	0	0.13538
86.230702	0	0.13549
122.195614	0	0.13564
158.160526	0	0.13581
158.752381	0	0.13598
139.704762	0	0.13615
120.657143	1	0.13631
101.609524	1	0.13647
82.561905	1	0.13662
81.270462	1	0.13677
84.063158	1	0.1369
86.855854	1	0.13702
89.64855	1	0.13714
91.800589	1	0.13726
90.538494	1	0.13738
89.276399	1	0.13753
88.014304	1	0.13767
86.752209	1	0.13781
84.408056	1	0.13796
80.467601	1	0.13811
76.527145	1	0.13826
72.58669	1	0.13841
68.646235	1	0.13856
68.36019	1	0.13871
68.791038	1	0.13887
69.221887	1	0.13904
69.652736	1	0.13921
69.91433	1	0.13937
69.472731	1	0.13952
69.031133	1	0.13966
68.589534	1	0.1398
68.147936	1	0.13993
71.206499	1	0.14006
76.028302	1	0.14019
80.850105	1	0.14033
85.671908	1	0.14048

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13:08:36.506	196.6	75.6	1717
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13:08:40.506	197.4	78.1	1715
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13:08:48.506		74	1791
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13:08:50.506	196.5	85.7	1785
13:08:51.506	196.4	81.7	1797
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13:08:55.506	195.8	70.2	1803
13:08:56.506	195.7	70.2	1799
13:08:57.506	195.6	72.7	1792
13:08:58.506	195.5	75.5	1788
13:08:59.506	195.3	82.4	1779
13:09:00.506	195.2	88.5	1777
13:09:01.506	195.1	37.5	1768
13:09:02.506	194.9	67.5	1763
13:09:03.506	194.8	56.9	1743
13:09:04.506	194.7	36.8	1726
13:09:05.506	194.6	51.8	1712
13:09:06.506	194.4	34.7	1691
13:09:07.506	194.3	1	1665
13:09:08.506	194.2	52.4	1647
13:09:09.506	194.1	55.1	1634
13:09:10.506		74.2	1627
13:09:11.506		70.8	1621
13:09:12.506		66.5	1617
13:09:13.506		85.9	1618
13:09:14.506		89.8	1624
13:09:15.506		73.6	1631
13:09:16.506		74.1	1626
13:09:17.506		69.3	1626
13:09:18.506	192.9	17.3	1615
13:09:19.506	192.8	24.4	1597
13:09:20.506	192.6	66.8	1593
13:09:21.506	192.5	97.7	1603
13:09:22.506	192.4	98.9	1634
13:09:23.506	192.3	76	1667
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13:09:25.506	192	89.4	1700
13:09:26.506	191.9	82.9	1706
13:09:27.506	191.8	81.6	1713

35.27476	354.09837	323.957227	66.2	0.000477	0.00016	0	20	2.8
37.9516	358.946075	314.92832	66.1	0.000544	0.00017	0	20	2.9
30.77694	363.793779	313.242638	66.1	0.000502	0.00016	0	20	2.9
29.94	368.641484	312.132231	66.2	0.000456	0.00015	0	20	2.9
28.2475	373.489189	330.032778	66.3	0.00042	0.00015	0	20	2.9
27.9086	373.629095	312.497906	66.4	0.000413	0.00015	0	20	2.9
35.52378	373.090302	309.795349	66.3	0.000467	0.00016	0	20	2.9
28.12656	372.551509	309	66.3	0.000436	0.00015	0	20	2.9
29.51805	372.012716	308.473512	66.2	0.000431	0.00015	0	20	2.9
30.82098	372.587032	335.925298	66.3	0.000433	0.00015	0	20	2.8
31.77771	376.805116	307.5	66.3	0.000452	0.00015	0	20	2.8
34.55711	381.023199	307.5	66.3	0.000491	0.00016	0	20	2.9
33.95973	385.241283	307.5	66.4	0.000522	0.00017	0	20	2.9
34.92016	389.459367	326.897401	66.4	0.000549	0.00017	0	20	2.9
37.49029	397.429839	311.434462	66.3	0.000606	0.00019	0	20	2.9
39.36059	406.477251	307.5	66.3	0.000632	0.00019	0	20	2.9
41.24739	415.524663	307.710309	66.3	0.000664	0.00021	0	20	3
49.5865	424.572075	308.2	66.3	0.00087	0.00026	0	20	3
59.31786	434.621563	370.041045	66.3	0.001014	0.00032	0	20	3.2
72.44476	449.267165	309.540323	66.3	0.001277	0.00045	0	20	3.6
87.89155	463.912767	311.207865	66.4	0.001458	0.00089	0	20	6
88.77424	478.558369	312.512754	66.6	0.001454	0.00168	0	20	11
79.33818	493.203971	321.38	67	0.001218	0.00179	0	20	13.5
51.6	500.987037	368.327692	67.6	0.000883	0.00131	0	20	12.9
46.82395	501.76893	316.773191	68.2	0.000583	0.00075	0	20	10.7
66.18962	502.550823	317.733186	68.5	0.000938	0.00075	0	20	7.4
74.65801	503.332716	318.043158	69.3	0.001122	0.00061	0	20	5.3
65.69679	504.114609	346.242287	69.2	0.001133	0.0006	0	20	5
49.73309	499.701445	347.86875	69.1	0.000808	0.00045	0	20	5
40.91109	492.302145	321.486934	69.4	0.000635	0.00037	0	20	5.1
37.07825	484.902846	322.8	69.8	0.000585	0.00032	0	20	4.9
34.56674	477.503546	322.8	70	0.000543	0.00029	0	20	4.8
35.89837	470.424429	386.612916	69.9	0.000555	0.00028	0	20	4.6
36.15447	467.803973	323.699526	69.5	0.000572	0.00026	0	20	4.4
41.08824	465.183516	324.870876	69.2	0.000688	0.00029	0	20	4.2
55.27162	462.56306	326.253877	68.9	0.000934	0.00037	0	20	4
31.80429	459.942604	327.051765	68.8	0.000501	0.00023	0	20	4
37.96388	454.251443	377.202612	68.7	0.000554	0.00027	0	20	4
31.80851	442.464706	328.7	68.6	0.000482	0.00024	0	20	4
22.71284	430.677969	329.37318	68.4	0.000378	0.0002	0	20	4
26.99848	418.891232	329.656842	67.7	0.000295	0.00019	0	20	4.1
25.81068	407.104494	348.510014	66.8	0.000284	0.00018	0	20	4
21.84303	401.594456	338.408042	66.2	0.00021	0.00017	0	20	4
26.47084	397.693018	331.6	65.8	0.000179	0.00017	0	20	4
26.7819	393.791581	332.259558	64.6	0.000212	0.00017	0	20	3.9
33.94408	389.890144	332.245123	64.3	0.000324	0.00018	0	20	3.5
28.40404	385.988706	351.424099	63.2	0.000418	0.00019	0	20	3.5
28.18544	395.532927	334.559592	62.9	0.000423	0.00018	0	20	3.5
42.70521	406.151638	335.442146	62.7	0.00062	0.00025	0	20	3.6
51.6074	416.770349	336.863118	62.5	0.000824	0.0003	0	20	3.6
39.76766	427.38906	338.608333	62.5	0.000597	0.00022	0	20	3.5
27.47808	432.397697	381.836076	62.6	0.000483	0.0002	0	20	3.6
31.84386	421.016118	340.689295	62.9	0.00043	0.00019	0	20	3.6
22.91085	409.634539	341.692388	62.9	0.00036	0.00016	0	20	3.6
23.20721	398.252961	341.905707	62.7	0.000279	0.00015	0	20	3.6
36.94724	386.871382	350.461415	62.4	0.000355	0.00019	0	20	3.6
69.98219	401.962474	349.695664	61.8	0.000994	0.00039	0	20	3.5
99.67069	428.671069	346.00611	61.6	0.001652	0.00059	0	20	3.6
83.06967	455.379665	348.907932	61.8	0.00123	0.00144	0	20	10.8
51.37986	482.08826	352.070288	62.1	0.000708	0.00126	0	20	15
64.12321	508.796855	403.761715	63.4	0.000964	0.00121	0	20	12.3
44.20425	506.615572	355.3	65	0.000745	0.00075	0	20	9.7
42.00205	502.091866	355.770437	65.1	0.000697	0.00054	0	20	7.4

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86.201519	1	0.14097
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77.984852	1	0.14158
77.106696	1	0.14173
76.22854	1	0.14188
75.350384	1	0.14203
75.403807	1	0.14218
76.0757	1	0.14234
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83.941317	1	0.14287
127.627472	1	0.14306
171.313627	1	0.14327
214.999783	1	0.14353
258.685938	1	0.14385
308.342684	1	0.1443
363.188821	1	0.14519
418.034959	1	0.14687
472.881097	1	0.14866
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511.502735	1	0.15072
472.588136	1	0.15147
433.673538	1	0.15208
394.75894	1	0.15268
355.802511	1	0.15313
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257.058097	1	0.15382
207.685891	1	0.15411
158.313684	1	0.15439
128.300434	1	0.15465
142.400217	1	0.15494
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170.599783	1	0.15554
184.699566	1	0.15581
176.262829	1	0.15605
157.935964	1	0.15625
139.609099	1	0.15644
121.282234	1	0.15662
104.227473	1	0.15679
108.218231	1	0.15696
112.20899	1	0.15713
116.199748	1	0.15731
120.190506	1	0.1575
127.201211	1	0.15768
141.39449	1	0.15793
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183.974327	1	0.15865
194.343633	1	0.15884
200.964688	1	0.159
207.585743	1	0.15915
214.206798	1	0.15934
220.827853	1	0.15973
264.534217	1	0.16032
309.230539	1	0.16176
353.926861	1	0.16302
398.623182	1	0.16423
413.771963	1	0.16498
359.315465	1	0.16552

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13:09:40.506		68.3	1757
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13:09:42.506		97.7	1750
13:09:43.506		86.6	1758
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13:09:48.506	191.7	66.9	1800
13:09:49.506	191.9	78	1800
13:09:50.506	192	82	1807
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13:09:54.506	192.5	87.3	1785
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13:09:57.506	192.9	82.7	1761
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13:09:59.506	193.1	93.8	1759
13:10:00.506	193.3	84.4	1766
13:10:01.506	193.4	76.9	1779
13:10:02.506	193.5	62.6	1793
13:10:03.506	193.7	81.4	1796
13:10:04.506	193.8	82.4	1806
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13:10:13.506		53.5	1879
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13:10:18.506	191.6	0	1785
13:10:19.506	191.4	0	1762
13:10:20.506	191.2	0	1742
13:10:21.506	191	0	1721
13:10:22.506	190.8	0	1701
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13:10:24.506	190.5	0	1653
13:10:25.506	190.3	31.1	1636
13:10:26.506	190.1	49.3	1627
13:10:27.506	189.9	67.8	1626
13:10:28.506	189.7	80.7	1630
13:10:29.506	189.5	67.4	1634
13:10:30.506	189.3	75.9	1636

39.20153	497.56816	356.8	65.7	0.000636	0.00039	0	20	5.9
39.83482	493.044454	358.054835	66.2	0.000646	0.00035	0	20	5.1
47.5693	489.406803	410.178434	66.3	0.000805	0.00037	0	20	4.7
46.6592	487.592744	358.767018	66.4	0.000793	0.00036	0	20	4.5
36.83284	485.778685	360.151036	66.6	0.000632	0.0003	0	20	4.5
32.47701	483.964626	361.483954	66.7	0.000515	0.00026	0	20	4.5
42.37628	482.150567	365.922283	66.8	0.000669	0.00032	0	20	4.5
47.00105	483.75859	398.231282	66.9	0.000805	0.00036	0	20	4.4
44.11621	489.133778	363.9	66.9	0.000809	0.00036	0	20	4.4
40.11489	494.508966	365.234559	67.1	0.000754	0.00034	0	20	4.5
68.34138	499.884154	366.012219	67.2	0.001014	0.00046	0	20	4.5
52.04021	505.259342	400.223632	67.3	0.000925	0.00048	0	20	4.8
33.69017	505.268173	382.345506	67.5	0.000566	0.00033	0	20	4.9
33.12917	504.138685	370.1	67.9	0.000505	0.00029	0	20	5
53.72712	503.009197	371.030631	67.9	0.000883	0.00043	0	20	4.9
65.97553	501.87971	372.232438	67.8	0.000996	0.00049	0	20	4.9
51.18475	500.750222	411.811644	67.8	0.000838	0.00042	0.00005	20	5
49.94319	500.768568	375.621575	67.9	0.000874	0.00044	0	20	5
64.96816	500.962994	376.615859	68	0.001	0.0005	0	20	5
54.5101	501.157421	378.278599	68.4	0.000901	0.00046	0	20	5.1
42.07989	501.351847	379.700745	69	0.000718	0.00039	0	20	5.1
52.07716	500.553348	434.580897	69.5	0.000894	0.00045	0	20	5.1
50.22536	496.57582	382.168057	69.6	0.000902	0.00046	0	20	5.1
50.01869	492.598292	383.168312	69.7	0.000807	0.00043	0	20	5.2
38.25826	488.620764	384.9	69.9	0.000583	0.00034	0	20	5.2
31.46807	484.643236	408.894191	69.9	0.000482	0.0003	0	20	5.2
41.31031	483.049686	390.766858	70	0.000567	0.00033	0	20	5.2
35.65034	482.097511	386.391064	69.6	0.000585	0.00033	0	20	5.2
35.64716	481.145337	386.730738	69	0.000566	0.00032	0	20	5.2
41.5448	480.193162	387.2	68.9	0.000671	0.00037	0	20	5.2
49.16204	480.538236	433.348437	68.7	0.0008	0.00041	0	20	5.1
66.20829	487.35402	388.930075	68.4	0.001056	0.00051	0	20	5
77.68302	494.169804	390.256919	68	0.001306	0.00068	0	20	5.3
76.00667	500.985588	391.723136	68	0.001177	0.00096	0	20	7.7
50.83419	507.801372	392.612258	68.1	0.000837	0.0008	0	20	8.8
50.98707	512.493642	431.784395	68.4	0.000861	0.00076	0	20	8.6
66.92758	514.347947	393.819368	69.3	0.001132	0.00088	0	20	7.9
79.58632	516.202252	394.776084	69.6	0.001098	0.00083	0	20	7.3
47.41662	518.056556	395.102162	70	0.000701	0.0006	0	20	7.3
48.06469	519.910861	431.465	70.4	0.000771	0.00063	0	20	7.1
38.33	516.862575	399.169001	70.8	0.000588	0.00044	0	20	6.8
56.66232	513.257425	395.7	70.9	0.000874	0.00055	0	20	6.1
61.41286	509.652275	396.201429	71.2	0.000973	0.00055	0	20	5.5
43.58198	506.047124	395.894768	71.3	0.000674	0.00041	0.00002	20	5.4
39.35729	497.828678	444.186642	71.6	0.000581	0.00036	0	20	5.5
34.44762	474.839928	396.184698	72.3	0.000593	0.00037	0	20	5.4
27.71506	451.851178	396.321239	72.4	0.000398	0.00029	0	20	5.4
28.59364	428.862428	395.738783	72.6	0.000238	0.00025	0	20	5.4
25.67451	405.873679	395.5908	72.3	0.000138	0.00024	0	20	4.9
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46.90415	360.675504	395	70.8	0.000049	0.00027	0	20	3.5
47.42967	338.197118	395	70.1	0.000034	0.00025	0	20	3.2
47.57783	315.718732	395	69.6	0.000034	0.00024	0	20	3.1
47.12154	293.240346	377.297948	68.4	0.000033	0.00022	0	20	2.8
46.90429	280.560027	380.556395	67.9	0.000033	0.0002	0	20	2.6
46.23101	272.727481	395	66.5	0.000033	0.00019	0	20	2.5
45.93534	264.894936	395	65.7	0.000028	0.00015	0	20	2.4
26.33732	257.06239	395	65.1	0.000016	0.00009	0	20	2.3
25.56691	256.677067	329.639885	64.9	0.00008	0.00009	0	20	2.1
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34.85927	332.036367	395	62.9	0.000523	0.00013	0	20	2.2
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281.153459	1	0.185
257.291813	1	0.18555
233.430166	1	0.18596
209.56852	1	0.18632
178.655894	1	0.18669
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71.757199	1	0.18747
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24.752892	1	0.18804
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12.134595	1	0.18875
8.330097	1	0.18895
27.747573	1	0.18914
47.165049	1	0.18929
66.582524	0	0.18938
86	0	0.18947
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103.576211	0	0.18969
109.606571	0	0.18982
115.636931	0	0.18996

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13:10:33.506	188.7	83.3	1646
13:10:34.506		61.2	1646
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13:10:45.506	190.1	67.5	1580
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13:10:47.506	190.3	0	1558
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13:10:50.506	190.7	93.7	1541
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13:11:05.506		63.7	1439
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13:11:10.506	192.2	54.7	1420
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13:11:13.506	192.2	0	1382
13:11:14.506	192.2	0	1340
13:11:15.506	192.2	0	1372
13:11:16.506	192.2	0	1393
13:11:17.506	192.2	0	1388
13:11:18.506	192.2	0	1406
13:11:19.506	192.2	0	1506
13:11:20.506	192.2	0	1360
13:11:21.506	192.2	0	1474
13:11:22.506	192.2	0	1631
13:11:23.506	192.2	50.9	1699
13:11:24.506	192.2	99.2	1815
13:11:25.506	192.2	75.2	2016
13:11:26.506	192.2	55.3	1950
13:11:27.506	192.2	78.9	1612
13:11:28.506	192.2	91.4	1657
13:11:29.506		58.9	1681
13:11:30.506		80	1744
13:11:31.506		65.4	1831
13:11:32.506		61.4	1799
13:11:33.506		21.3	1563

42.5289	373.98993	387.513669	63.2	0.000577	0.00016	0	20	2.6
38.57708	379.613296	394.452581	63.3	0.000602	0.00017	0	20	2.7
42.4953	385.236661	393.453671	63.3	0.000633	0.00018	0	20	2.7
31.96172	390.860026	393.263797	63.4	0.000505	0.00016	0	20	2.8
24.89887	396.483391	393.862168	63.5	0.000401	0.00014	0	20	2.8
24.28788	387.988484	391.959434	63.6	0.000315	0.00013	0	20	2.9
24.01442	376.74414	390.966364	63.7	0.000267	0.00013	0	20	3
23.95329	365.499796	389.975211	63.3	0.000216	0.00013	0.00001	20	3
31.44256	354.255452	389.6	62.5	0.000215	0.00013	0.00001	20	3
20.40366	351.321789	374.417761	62.1	0.000194	0.00011	0	20	3
19.50517	360.007134	387.565581	61.9	0.000182	0.00011	0	20	3
28.76882	368.692478	386.485882	61.3	0.000249	0.00016	0	20	3
44.39944	377.377823	385.3	60.8	0.000523	0.0002	0	20	2.9
44.68347	386.063168	384.671114	60.7	0.000695	0.00022	0.00002	20	2.9
35.25172	376.534713	382.56452	60.5	0.000647	0.00021	0	20	2.9
20.53712	361.778875	379.665806	61	0.000321	0.00014	0	20	3
33.01247	347.023036	377.940867	61.2	0.000222	0.00018	0	20	3.2
27.00937	332.267197	375.955238	61.1	0.000064	0.00013	0	20	3.2
24.09068	319.539397	350.084583	60.7	0.000102	0.00014	0	20	3.1
52.22143	335.05279	371.770526	59.6	0.000517	0.00022	0	20	2.8
81.2269	350.566183	369.246125	59.3	0.001136	0.00034	0	20	2.7
36.63771	366.079576	365.380879	59.3	0.000561	0.0003	0	20	4.2
26.09273	381.592969	365.801427	59.8	0.000223	0.0004	0	20	7.4
39.01513	373.768225	367.060447	61	0.000098	0.00051	0	20	7.9
39.57119	349.523293	359.114196	60.6	0.000051	0.0004	0	20	6.2
39.55224	325.278362	357.654096	60.2	0.000033	0.0003	0	20	4.8
39.52784	301.03343	355.773469	58.9	0.000028	0.00026	0	20	4
40.00036	276.788498	335.332844	58	0.000028	0.00022	0	20	3.5
39.9967	280.93442	347.267761	57.5	0.000028	0.00021	0	20	3.2
39.48751	294.393145	350.684211	56.1	0.000021	0.00014	0	20	2.9
18.76399	307.85187	349.620174	55.6	0.000041	0.00011	0	20	2.6
44.866	321.310596	348.744167	55.2	0.000399	0.00017	0	20	2.3
46.26746	334.769321	343.289136	54.2	0.000632	0.00017	0	20	2.2
27.09341	338.34132	347	54.2	0.000481	0.00011	0.00005	20	2
21.8587	341.586486	347	54.5	0.000342	0.00009	0.00003	20	2.1
17.49049	344.831651	345.524265	55	0.000302	0.00008	0	20	2.2
22.77432	348.076817	345.586597	54.9	0.000316	0.00009	0	20	2.3
30.73832	351.057508	346.356828	55	0.000379	0.00012	0	20	2.4
26.88918	353.73876	344.264963	55.2	0.0004	0.00012	0	20	2.5
20.70862	356.420013	344	55.2	0.000356	0.00011	0	20	2.6
21.8874	359.101266	343.829286	55.1	0.000359	0.00012	0	20	2.8
19.41437	361.782518	347.591277	55	0.000288	0.0001	0	20	2.8
19.99328	345.763115	344.805195	54.9	0.000286	0.00014	0	20	2.9
35.21104	325.271311	342.473289	54.2	0.000195	0.00017	0	20	3
35.35135	304.779508	342.072899	53.6	0.00009	0.00018	0	20	3
37.24617	284.287705	342.0175	53.2	0.000043	0.00018	0	20	3
37.3227	265.448969	304.980633	50.4	0.000028	0.00019	0	20	2.9
39.18756	254.624227	341.1	45.5	0.000028	0.00017	0	20	2.7
40.9029	243.799485	341.1	43.6	0.000028	0.00016	0	20	2.4
36.16232	232.974742	340.297125	37.6	0.000027	0.00014	0	20	2.3
41.49679	222.15	321.1866	34.3	0.000029	0.00015	0	20	2.2
45.72548	243.668294	320.594656	32.5	0.000028	0.00012	0	20	2.2
40.46166	278.461375	338.9	27	0.000149	0.00013	0	20	2.1
77.96694	313.254456	337.5	25.3	0.001035	0.00024	0	20	1.8
77.81076	348.047537	335.859431	25.3	0.001062	0.00027	0	20	2.1
28.92281	379.342188	354.705666	26	0.000387	0.00019	0.00002	20	3.1
43.44335	389.498438	333.234362	28.2	0.00047	0.00024	0	20	3.3
47.22745	399.654688	331.820078	28.5	0.000582	0.00023	0	20	3.3
32.488	409.810938	330.800395	29.5	0.000651	0.00023	0	20	3.3
75.102	419.967188	352.139917	30.4	0.001118	0.00036	0.00003	20	3.2
51.90589	411.876672	335.49724	31.1	0.000815	0.0003	0	20	3.3
33.52746	398.93575	325.8	31.8	0.000456	0.00019	0	20	3.4
25.98163	385.994828	325.497098	32.5	0.000328	0.00017	0	20	3.7

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47.18333	1	0.19536
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369.34528	0	0.19647
483.95249	0	0.19664
530.320196	0	0.19675
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331.700735	0	0.19692
232.391004	0	0.19701
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121.401515	1	0.19725
127.925084	1	0.19736
134.448653	1	0.19748
140.972222	1	0.19758
144.726853	1	0.19772
114.817022	1	0.19789
84.907192	1	0.19807
54.997361	1	0.19825
25.08753	1	0.19844
10.074163	1	0.19861
8.323999	1	0.19877
6.573835	1	0.19891
4.823671	1	0.19906
3.073507	1	0.19918
36.531075	0	0.19931
71.532197	0	0.19955
106.533318	0	0.19982
141.53444	0	0.20001
219.816336	0	0.20025
341.206227	0	0.20048
462.596119	0	0.20071
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687.51781	1	0.20137
550.094767	1	0.20156
412.671724	1	0.20173

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13:11:40.506	193.7	23	1361
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13:11:45.506	194.3	56.6	1375
13:11:46.506	194.5	71.7	1404
13:11:47.506	194.6	66.3	1443
13:11:48.506	194.7	46.1	1465
13:11:49.506	194.9	48.9	1479
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13:12:00.506		13.9	1301
13:12:01.506		12.1	1297
13:12:02.506		5.7	1287
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13:12:04.506		87.6	1271
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13:12:15.506	197	0	1256
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13:12:17.506	197.1	0	1361
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13:12:19.506	197.3	58.1	1442
13:12:20.506	197.3	78.2	1458
13:12:21.506	197.4	91.2	1482
13:12:22.506	197.5	92	1520
13:12:23.506	197.5	62.6	1551
13:12:24.506	197.6	74.7	1561
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13:12:27.506		76.7	1587
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13:12:29.506		79.4	1604
13:12:30.506		72.2	1613
13:12:31.506		69.8	1622
13:12:32.506	197.1	49.5	1613
13:12:33.506	197	71.6	1617
13:12:34.506	197	77.3	1617
13:12:35.506	196.9	91.7	1626
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19.03286	373.053906	324.072356	34.3	0.000208	0.00014	0	20	3.7
22.13414	359.722557	342.719054	34.3	0.000136	0.00013	0	20	3.8
13.574	344.471416	322.507152	33.8	0.000072	0.00009	0	20	3.8
20.114	329.220274	321.514265	32.4	0.000054	0.0001	0.00003	20	3.7
13.98322	313.969132	321.068438	31.5	0.000046	0.0001	0	20	3.5
17.11817	298.717991	314.778302	30.8	0.000046	0.00009	0	20	3
15.86367	293.778242	317.222966	30.6	0.00006	0.00008	0	20	2.8
17.67924	291.596038	319.179381	29.9	0.000082	0.00007	0	20	2.7
14.65424	289.413835	318.193188	29.9	0.000089	0.00008	0	20	2.6
20.27793	287.231631	317.8	29.6	0.000114	0.00007	0	20	1.9
34.9086	285.699043	303.248546	29	0.000186	0.00009	0	20	2.1
19.97613	292.931546	316.707643	29	0.000232	0.00009	0	20	2.4
28.43062	300.16405	315.5	29.3	0.000301	0.00012	0	20	2.8
26.51479	307.396554	315.5	29.9	0.000316	0.00013	0	20	3
18.13644	314.629058	314.205632	30.3	0.000297	0.00012	0	20	3.1
18.97451	318.901338	315.623785	30.7	0.000261	0.00011	0	20	3.1
20.22187	318.089757	312.905644	31.9	0.000242	0.00011	0	20	3.2
19.58406	317.278175	312.6	32	0.000248	0.00013	0.00001	20	3.2
24.67179	316.466594	311.9	32.2	0.000252	0.00013	0.00002	20	3.3
22.42359	315.655012	312.823717	32.8	0.000251	0.00012	0.00002	20	3.3
16.12642	309.593584	312.182857	33.3	0.000209	0.0001	0.00001	20	3.3
16.28324	302.292699	311.171485	33.7	0.000152	0.00009	0.00002	20	3.3
14.76203	294.991814	310.5	33.8	0.000134	0.00009	0.00002	20	3.3
14.55153	287.690929	309.939814	33.8	0.000128	0.00009	0.00002	20	3.3
18.51633	280.992174	298.756865	33.8	0.000131	0.0001	0.00002	20	3.3
16.44583	275.774783	309.8	33.8	0.000139	0.00009	0.00001	20	3.2
16.0329	270.557391	309.8	33.9	0.000143	0.00009	0.00001	20	3.2
16.46384	265.34	309.010512	34.2	0.000134	0.00008	0	20	3
11.60171	260.122609	300.416713	34.2	0.000099	0.00007	0.00001	20	3.1
14.66314	282.365787	300.512644	34	0.000101	0.00009	0.00002	20	3.1
34.35921	317.004085	308.844635	33.7	0.000225	0.00016	0	20	3.1
48.87511	351.642383	309	33.4	0.000579	0.00023	0	20	3
67.3135	386.280681	309.357411	33.7	0.001231	0.00034	0	20	2.9
93.97611	420.918979	350.934165	34.8	0.001675	0.00049	0.00009	20	2.9
62.43393	417.252527	311.971036	36	0.001022	0.00064	0	20	5.6
42.46609	413.160037	313.3	36.6	0.000507	0.00038	0	20	6
22.05455	409.067547	313.736269	38.1	0.000312	0.00021	0	20	5.2
18.16281	404.975056	314.1	38.1	0.00026	0.00017	0	20	4.8
18.69408	399.069861	353.791079	38.9	0.000232	0.00014	0	20	4.3
15.56904	377.205749	313.3	41.4	0.000191	0.0001	0	20	3.7
18.74401	355.341638	313.3	42.7	0.000227	0.00014	0	20	3.5
31.44874	333.477526	313.3	43.2	0.000186	0.00019	0	20	3.5
36.48672	311.613415	314.007234	42.1	0.000093	0.00018	0	20	3.1
36.63644	304.203165	310.433289	40.9	0.000046	0.00017	0	20	2.9
22.52127	310.679958	314.8	39.1	0.000023	0.00012	0	20	2.8
25.96424	317.156751	314.8	33.6	0.000071	0.00012	0	20	2.7
31.50976	323.633544	314.8	31.8	0.000229	0.00013	0	20	2.5
45.48223	330.110338	318.81699	31.7	0.000568	0.00018	0	20	2.4
54.93117	344.266593	317.046324	31.6	0.000796	0.0002	0	20	2.4
32.83354	360.716714	317.1	32	0.00059	0.00016	0	20	2.6
30.52899	377.166835	317.1	32.4	0.000511	0.00016	0	20	2.7
33.44494	393.616957	317.575457	33.6	0.000551	0.00016	0	20	2.7
32.76563	406.872747	358.141667	33.7	0.000529	0.00016	0	20	2.8
32.85936	409.373825	318.5	34.2	0.000512	0.00017	0	20	3
34.3985	411.874903	318.5	34.3	0.000549	0.00018	0.00002	20	3.1
37.6342	414.375981	319.19068	34.4	0.000576	0.00019	0	20	3.1
33.29039	416.877059	329.441156	34.5	0.000569	0.00018	0.00004	20	3.1
33.49623	416.840997	340.960329	34.7	0.000519	0.00018	0	20	3.2
23.13395	415.049115	319.9	35.1	0.000473	0.00017	0.00001	20	3.2
33.14528	413.257232	319.971134	35.2	0.000489	0.00018	0	20	3.2
32.5848	411.46535	320.6	35.1	0.000496	0.00018	0.00003	20	3.2
44.69701	409.673467	352.864022	35	0.000751	0.00027	0.00008	20	3.4
82.12266	451.358131	321.495522	35.1	0.001489	0.00049	0.00005	20	3.6

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169.889009	1	0.20982
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153.477867	1	0.21019
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137.066724	1	0.21055
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136.411713	1	0.2109
136.63188	1	0.21108
136.852048	1	0.21135
234.619048	1	0.21184

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13:12:39.506	196.6	100	2135
13:12:40.506	196.6	99.7	2316
13:12:41.506	196.5	84.6	2486
13:12:42.506	196.4	78.7	2456
13:12:43.506	196.4	92.5	2231
13:12:44.506	196.3	88.5	2316
13:12:45.506	196.2	76.1	2308
13:12:46.506	196.2	61.1	1925
13:12:47.506	196.1	67.1	1731
13:12:48.506	196	58.4	1709
13:12:49.506	196	61.6	1716
13:12:50.506	195.9	73.4	1727
13:12:51.506	195.9	77.4	1739
13:12:52.506		80.4	1749
13:12:53.506		66.6	1757
13:12:54.506		72.4	1760
13:12:55.506		78.2	1767
13:12:56.506		62.5	1770
13:12:57.506		58.2	1770
13:12:58.506		59.4	1762
13:12:59.506	193.4	58	1757
13:13:00.506	193.1	52.2	1749
13:13:01.506	192.7	71.1	1743
13:13:02.506	192.4	82.6	1742
13:13:03.506	192.1	77.6	1744
13:13:04.506	191.7	72.7	1745
13:13:05.506	191.4	75.5	1743
13:13:06.506	191.1	81	1742
13:13:07.506	190.7	81.9	1740
13:13:08.506	190.4	79.9	1745
13:13:09.506	190.1	78.5	1744
13:13:10.506	189.7	87.2	1741
13:13:11.506	189.4	79.8	1745
13:13:12.506	189.1	75.8	1747
13:13:13.506	188.7	74.1	1747
13:13:14.506	188.4	68.5	1743
13:13:15.506	188.1	69.9	1739
13:13:16.506	187.7	73.6	1733
13:13:17.506	187.4	82.9	1733
13:13:18.506	187.1	84.6	1740
13:13:19.506		83.6	1746
13:13:20.506		81.7	1754
13:13:21.506		80.9	1764
13:13:22.506		82.3	1770
13:13:23.506		80.7	1783
13:13:24.506		82	1797
13:13:25.506		82	1810
13:13:26.506		81.8	1819
13:13:27.506	188.4	80.5	1827
13:13:28.506	188.6	81.6	1837
13:13:29.506	188.8	66.9	1839
13:13:30.506	189	77.1	1838
13:13:31.506	189.2	82.3	1835
13:13:32.506	189.4	81.5	1837
13:13:33.506	189.6	79.8	1839
13:13:34.506	189.8	76.9	1841
13:13:35.506	190	74.8	1840
13:13:36.506	190.2	75.7	1841
13:13:37.506	190.4	75.7	1841
13:13:38.506	190.6	72.2	1838
13:13:39.506	190.8	66.9	1833

106.09693	494.901543	322.514244	35.4	0.002296	0.00123	0.00031	20	6
127.59635	538.444954	324.194083	36.7	0.002549	0.00519	0.00008	20	22.3
137.13227	581.988365	328.202784	39.4	0.002696	0.01219	0.00008	20	49
148.18439	607.706078	416.708657	43	0.002801	0.01988	0.00005	20	75.1
127.79995	608.908165	339.894624	46.9	0.002274	0.02161	0	20	93.9
109.04668	610.110252	346.443682	50.9	0.001621	0.01275	0	20	74.7
130.84935	611.312338	351.196375	53.7	0.002182	0.0113	0	20	51.6
124.05081	612.251029	454.542547	54.4	0.001955	0.01078	0	20	53.6
95.00793	591.503444	363.489151	57.6	0.001413	0.00759	0	20	48.1
58.19401	570.755859	369.225931	61.5	0.000821	0.00325	0.00003	20	32.6
39.66851	550.008274	371.296209	63.6	0.000551	0.00132	0.00002	20	19.2
28.79268	529.260689	372.860377	64.9	0.000445	0.0006	0	20	11
29.02888	511.822995	436.153758	65.5	0.000423	0.0003	0	20	5.8
33.92599	504.314973	375.124933	66	0.000504	0.00024	0	20	4.1
37.20135	496.806952	376.182484	66.5	0.000574	0.00022	0	20	3.5
44.16291	489.29893	377.909711	66.8	0.000602	0.00021	0	20	3.2
32.73562	481.790909	388.76	67.3	0.000526	0.00017	0	20	3
32.86897	475.234023	399.306627	67.8	0.000495	0.00017	0	20	2.9
37.94773	469.38015	382.876744	67.9	0.000579	0.00018	0	20	2.8
32.01313	463.526276	384.375359	68	0.000537	0.00016	0	20	2.7
30.38271	457.672403	386.003084	68.3	0.000454	0.00014	0	20	2.7
27.53419	451.905327	413.103236	68.5	0.000387	0.00013	0	20	2.7
26.38134	448.851366	388.7	68.5	0.00036	0.00012	0.00001	20	2.7
26.78654	445.797405	389.682368	68.3	0.000358	0.00013	0.00004	20	2.6
33.86718	442.743444	390.4	68	0.000469	0.00016	0.00004	20	2.6
42.47584	439.689483	400.252145	67.7	0.000631	0.00018	0.00006	20	2.5
43.49742	441.694658	400.727647	67.6	0.000687	0.00018	0.00002	20	2.5
38.46277	446.124625	397.934157	67.3	0.000634	0.00017	0	20	2.5
37.16953	450.554593	399.389065	67.4	0.000585	0.00015	0	20	2.4
38.86641	454.98456	400.5	67.5	0.000596	0.00015	0	20	2.4
39.03481	459.271279	426.966529	67.4	0.000634	0.00016	0	20	2.4
40.67582	461.68366	403.345161	67.4	0.000664	0.00016	0	20	2.4
40.43788	464.09604	404.7	67.4	0.000662	0.00016	0	20	2.4
42.38714	466.508421	405.402358	67.4	0.000708	0.00017	0	20	2.4
43.15801	468.920801	415.460698	67.4	0.000723	0.00017	0	20	2.3
39.57496	465.895272	416.241357	67.5	0.000622	0.00015	0	20	2.3
36.56459	460.27529	408	67.6	0.000557	0.00014	0	20	2.3
31.27646	454.655308	408.325364	67.6	0.000502	0.00013	0	20	2.3
31.31233	449.035326	408.8	67.6	0.000472	0.00012	0	20	2.3
32.38618	445.956683	425.470368	67.5	0.00048	0.00012	0.00001	20	2.3
43.41524	453.50426	408.54	67.2	0.000678	0.00016	0	20	2.3
52.60246	461.051838	408.44987	67.1	0.000852	0.00019	0.00005	20	2.3
53.19884	468.599416	408.8	67	0.000905	0.0002	0.00003	20	2.3
51.62381	476.146994	414.616598	67.2	0.000896	0.0002	0	20	2.3
54.14735	482.194422	420.901368	67.7	0.000897	0.0002	0	20	2.2
58.19559	487.105533	407.2	68	0.000964	0.00021	0	20	2.2
66.08531	492.016644	406.947151	68.2	0.001046	0.00023	0	20	2.2
59.33497	496.927756	404.7	68.5	0.000984	0.00029	0	20	3
55.21185	501.222568	445.932367	69	0.000915	0.00029	0	20	3.1
52.16561	497.201816	402.503404	69.5	0.000883	0.0002	0	20	2.3
52.08577	493.181064	401.3	69.9	0.00089	0.0002	0	20	2.3
53.68201	489.160311	400.558333	70.1	0.000823	0.0002	0	20	2.3
38.57683	485.139559	399.685849	70.7	0.000617	0.00016	0	20	2.3
36.87287	483.069274	422.654192	70.8	0.000563	0.00015	0	20	2.3
40.815	483.451382	396.6	71.1	0.000659	0.00016	0	20	2.3
44.33239	483.833491	395.624742	71	0.000726	0.00017	0	20	2.3
45.49161	484.215599	394.625208	71	0.000735	0.00017	0	20	2.3
43.14392	484.597707	428.916111	71.1	0.000696	0.00017	0	20	2.3
40.76513	481.366245	392.634884	71.1	0.000639	0.00016	0	20	2.3
39.74026	478.112969	391.9	71.2	0.000624	0.00015	0	20	2.3
38.94506	474.859694	391.306954	71.2	0.000616	0.00015	0	20	2.3
37.89616	471.606419	390.417605	71.2	0.000583	0.00014	0	20	2.2
34.91329	464.072373	416.369987	71.2	0.000525	0.00013	0	20	2.2

532.238095	1	0.21307
829.857143	1	0.21826
1127.47619	1	0.23045
1425.095238	1	0.25033
1353.017668	1	0.27194
1183.848057	1	0.28469
1014.678445	1	0.29599
845.508834	1	0.30677
688.838689	1	0.31436
567.015543	1	0.31761
445.192397	1	0.31893
323.36925	1	0.31953
201.546104	1	0.31983
138.126977	1	0.32007
132.415202	1	0.32029
126.703427	1	0.3205
120.991652	1	0.32067
115.279877	1	0.32084
109.773577	1	0.32102
104.277863	1	0.32118
98.78215	1	0.32132
93.286437	1	0.32145
94.978899	1	0.32157
107.36422	1	0.3217
119.749541	1	0.32186
132.134862	1	0.32204
143.917772	1	0.32222
141.959974	1	0.32239
140.002175	1	0.32254
138.044377	1	0.32269
136.086578	1	0.32285
135	1	0.32301
135	1	0.32317
135	1	0.32334
135	1	0.32351
134.763025	1	0.32366
123.991427	1	0.3238
113.219829	1	0.32393
102.44823	1	0.32405
91.676632	1	0.32417
93.011283	1	0.32433
107.834292	1	0.32452
122.657301	1	0.32472
137.48031	1	0.32492
152.303319	1	0.32512
163.147294	1	0.32533
173.795031	1	0.32556
184.442768	1	0.32585
195.090506	1	0.32614
196.110944	1	0.32634
185.1243	1	0.32654
174.137656	1	0.32674
163.151012	1	0.3269
152.164369	1	0.32705
149.468212	1	0.32721
148.80596	1	0.32738
148.143709	1	0.32755
147.481457	1	0.32772
144.675328	1	0.32788
136.160044	1	0.32803
127.64476	1	0.32818
119.129476	1	0.32832
110.614192	1	0.32845

13:13:40.506	191	59.4	1827
13:13:41.506	191.2	53.1	1815
13:13:42.506	191.4	45	1804
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13:13:44.506	191.8	70.2	1786
13:13:45.506	192	72.8	1779
13:13:46.506	192.2	71	1771
13:13:47.506		69.2	1769
13:13:48.506		71.7	1761
13:13:49.506		75.7	1753
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13:13:51.506		71.7	1741
13:13:52.506		67.3	1740
13:13:53.506		58.7	1734
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13:13:56.506	192.8	18.7	1693
13:13:57.506	192.9	6.3	1669
13:13:58.506	193	2.3	1646
13:13:59.506	193	2.8	1632
13:14:00.506	193.1	26.7	1619
13:14:01.506	193.1	59	1612
13:14:02.506	193.2	67.3	1610
13:14:03.506	193.3	62.4	1616
13:14:04.506	193.3	48.1	1619
13:14:05.506	193.4	38	1619
13:14:06.506	193.5	99.6	1766
13:14:07.506	193.5	99.6	2714
13:14:08.506	193.6	99.6	3170
13:14:09.506	193.7	99.6	3276
13:14:10.506	193.7	69.8	3136
13:14:11.506	193.8	40.2	2510
13:14:12.506	193.8	34.6	1988
13:14:13.506	193.9	42.5	1935
13:14:14.506	194	60.4	1929
13:14:15.506		78.9	1927
13:14:16.506		75.6	1930
13:14:17.506		66.3	1933
13:14:18.506		40	1926
13:14:19.506		22	1909
13:14:20.506		28.5	1892
13:14:21.506		10.3	1870
13:14:22.506		2.5	1846
13:14:23.506	194	3.9	1821
13:14:24.506	194	58.4	1810
13:14:25.506	194	80.9	1808
13:14:26.506	194	77.6	1817
13:14:27.506	194	74	1830
13:14:28.506	194	71.5	1833
13:14:29.506	194	80	1835
13:14:30.506	194	81.6	1833
13:14:31.506	194	80.1	1833
13:14:32.506	194	78.8	1834
13:14:33.506	194	81.3	1838
13:14:34.506	194	77.6	1838
13:14:35.506	194	73.2	1838
13:14:36.506	194	72.4	1844
13:14:37.506	194	75.1	1844
13:14:38.506	194	77.4	1843
13:14:39.506	194	77.5	1844
13:14:40.506	194	76.3	1844
13:14:41.506	194	76.1	1844
13:14:42.506	194	68.9	1844

30.63861	450.47907	389.079953	71.1	0.000474	0.00012	0	20	2.2
26.77808	436.885768	388.114844	70.9	0.000403	0.00011	0	20	2.2
27.3	423.292465	387.2	70.7	0.00034	0.00011	0	20	2.2
29.32682	409.699163	393.31413	70.3	0.00033	0.00011	0.00001	20	2.2
34.38935	410.970679	387.237209	69.8	0.000396	0.00012	0.00003	20	2.2
36.26939	414.365741	386.395942	69.3	0.000476	0.00013	0	20	2.2
34.69571	417.760802	385.7	68.9	0.000502	0.00013	0	20	2.2
33.26793	421.155864	385.249247	68.8	0.0005	0.00013	0	20	2.3
33.63986	424.513886	400.708065	68.6	0.000505	0.00013	0	20	2.3
35.95293	425.439612	384.9	68.4	0.000554	0.00014	0	20	2.3
36.50953	426.365339	384.9	68	0.000579	0.00014	0	20	2.3
35.18028	427.291066	384.9	67.8	0.00055	0.00013	0	20	2.2
33.01994	428.216792	384.9	67.7	0.000505	0.00012	0	20	2.1
28.37266	422.270588	399.689838	67.5	0.000439	0.00011	0	20	2.1
26.21138	404.623529	384.445532	67.3	0.000389	0.0001	0	20	2.1
26.71988	386.976471	384.1	67	0.000334	0.0001	0.00001	20	2.1
25.0887	369.329412	384.1	66.6	0.000253	0.00009	0.00001	20	2.1
23.14439	351.682353	375.778383	66	0.000167	0.00008	0.00001	20	2.1
18.58306	344.179137	380.949538	65.4	0.000098	0.00008	0.00002	20	2.2
38.60725	338.993802	382.656549	64.6	0.000066	0.00009	0	20	2.3
22.56408	333.808467	382.760634	63.8	0.000044	0.00008	0.00001	20	2.3
23.7734	328.623131	383.065608	63	0.000091	0.00009	0	20	2.3
28.31805	323.437796	364.368293	62.5	0.000202	0.0001	0	20	2.2
25.70387	336.014008	382.571363	62.4	0.000279	0.0001	0	20	2.2
21.95009	351.081293	382.18484	62.4	0.0003	0.00009	0	20	2.2
20.50807	366.148577	382.796535	62.5	0.000289	0.00009	0	20	2.3
59.88627	381.215861	383.326022	62.6	0.000494	0.00013	0	20	2.3
196.40431	405.389231	387.063789	62.6	0.001703	0.00337	0.00005	20	19.8
201.79303	446.927692	388.730108	63	0.001912	0.01512	0.00003	20	83.8
206.58313	488.466154	395.708955	64.5	0.001714	0.02384	0	20	133
155.66169	530.004615	405.014189	68	0.001297	0.02504	0	20	147.2
58.14336	571.543077	449.662673	71.8	0.000581	0.00957	0	20	104.8
30.3972	564.103724	426.093116	74.5	0.000324	0.00329	0	20	59.5
29.07927	543.95728	408.707333	75.4	0.000301	0.00157	0	20	29.6
32.02075	523.810837	408.8	75.2	0.000348	0.0009	0	20	16.6
47.50934	503.664393	408.8	74.9	0.000609	0.00079	0	20	10.2
50.89966	483.524658	438.330374	74.7	0.00075	0.00063	0	20	7.4
43.73793	463.857359	412	74.7	0.00066	0.00047	0	20	6.3
31.68515	444.190061	412.307995	74.7	0.000434	0.00031	0	20	5.8
25.19635	424.522763	413	74.9	0.000304	0.00026	0	20	5.4
24.65434	404.855464	413.654015	74.6	0.000195	0.00021	0.00001	20	4.9
23.47531	389.795302	404.197612	73.9	0.000128	0.00017	0.00001	20	4.4
20.95173	387.513423	414.6	73.2	0.000083	0.00016	0	20	4.2
43.07471	385.231544	414.6	72.3	0.000077	0.00022	0	20	4
37.51812	382.949664	415.76295	71.3	0.000147	0.00023	0	20	3.4
61.69514	380.667785	410.15628	70.5	0.00064	0.00029	0	20	3
56.79982	392.511947	417.422474	69.9	0.000815	0.00032	0	20	3.3
46.27624	407.998673	423.763605	70	0.000764	0.00036	0	20	4.3
40.85747	423.485398	425.856242	70.4	0.000627	0.00034	0	20	4.8
38.73725	438.972124	426.848675	70.8	0.00059	0.0003	0	20	4.5
38.41244	451.112437	437.942405	70.9	0.000607	0.00026	0.0001	20	4.1
39.88863	454.430389	429.109156	71	0.000643	0.00027	0.00004	20	4.1
40.02003	457.748341	430.161974	71	0.000668	0.00027	0	20	4
43.35528	461.066293	430.528135	71	0.000708	0.00028	0	20	3.9
44.54781	464.384245	436.524846	71	0.000731	0.00029	0	20	3.8
41.08526	464.375237	436.161987	71	0.000667	0.00027	0	20	3.8
37.83523	463.09794	431.926675	71.1	0.000599	0.00025	0	20	3.8
37.30605	461.820643	431.2	71.2	0.000586	0.00024	0	20	3.8
38.27121	460.543346	430.880851	71.3	0.000602	0.00024	0.00001	20	3.8
38.47	459.266049	439.045776	71.3	0.000623	0.00024	0.00002	20	3.7
38.78986	456.264634	430.901346	71.2	0.000627	0.00024	0	20	3.6
39.25556	453.005593	428.804264	71.2	0.000622	0.00022	0	20	3.4
36.52436	449.746552	427	71.2	0.000581	0.00021	0	20	3.3

107.695385	1	0.32857
107.255824	1	0.32868
106.816264	1	0.32879
106.376703	1	0.3289
105.588743	1	0.32902
102.712818	1	0.32915
99.836894	1	0.32928
96.96097	1	0.32941
94.085045	1	0.32954
91.636564	1	0.32968
90.314978	1	0.32982
88.993392	1	0.32995
87.671806	1	0.33007
86.35022	1	0.33018
82.674208	1	0.33028
78.149321	1	0.33038
73.624434	1	0.33047
69.099548	1	0.33055
66.0438	1	0.33063
77.148057	1	0.33072
88.252313	1	0.3308
99.35657	1	0.33089
110.460827	1	0.33099
158.639939	1	0.33109
330.241409	1	0.33118
501.842879	1	0.33127
673.444348	1	0.3314
845.045818	1	0.33477
818.330402	1	0.34989
661.592658	1	0.37373
504.854913	1	0.39877
348.117169	1	0.40834
200.046064	1	0.41163
200.883585	1	0.4132
201.721106	1	0.4141
202.558626	1	0.41489
203.396147	1	0.41552
197.825312	1	0.41599
175.693812	1	0.4163
153.562312	1	0.41656
131.430812	1	0.41677
109.299312	1	0.41694
131.832054	1	0.4171
181.163341	1	0.41732
230.494628	1	0.41755
279.825915	0	0.41784
323.402162	0	0.41816
282.810942	0	0.41852
242.219722	0	0.41886
201.628502	0	0.41916
161.037282	1	0.41942
138.038183	1	0.41969
130.577134	1	0.41996
123.116085	1	0.42024
115.655036	1	0.42053
108.193987	1	0.4208
106.386749	1	0.42105
104.730435	1	0.42129
103.07412	1	0.42153
101.417805	1	0.42177
99.668203	1	0.42201
97.364055	1	0.42223
95.059908	1	0.42244

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13:14:46.506		70.2	1843
13:14:47.506		71	1843
13:14:48.506		71.1	1846
13:14:49.506		67.4	1844
13:14:50.506	194.5	67	1845
13:14:51.506	194.6	62.8	1845
13:14:52.506	194.6	62.4	1845
13:14:53.506	194.7	61.5	1843
13:14:54.506	194.8	61.4	1844
13:14:55.506	194.8	64.2	1845
13:14:56.506	194.9	67.5	1840
13:14:57.506	195	71.7	1840
13:14:58.506	195	66.9	1842
13:14:59.506	195.1	61.9	1845
13:15:00.506	195.2	62.2	1844
13:15:01.506	195.2	65.3	1843
13:15:02.506	195.3	64.7	1844
13:15:03.506	195.4	64.7	1839
13:15:04.506	195.4	68.2	1841
13:15:05.506	195.5	67.1	1839
13:15:06.506	195.6	71.8	1838
13:15:07.506	195.6	69.2	1842
13:15:08.506	195.7	65.1	1841
13:15:09.506	195.7	65.9	1842
13:15:10.506		72.8	1841
13:15:11.506		73.3	1843
13:15:12.506		65.6	1843
13:15:13.506		65.1	1841
13:15:14.506		67.5	1842
13:15:15.506		70.8	1842
13:15:16.506		72.2	1842
13:15:17.506		72.3	1843
13:15:18.506	195.8	72	1843
13:15:19.506	195.8	76.7	1839
13:15:20.506	195.8	80.5	1840
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13:15:22.506	195.8	82.7	1839
13:15:23.506	195.8	79	1838
13:15:24.506	195.8	76.6	1842
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13:15:26.506	195.8	83.1	1839
13:15:27.506	195.8	85.4	1837
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13:15:29.506	195.8	81.3	1840
13:15:30.506	195.8	80.9	1842
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13:15:35.506	195.8	81.2	1844
13:15:36.506	195.8	79	1844
13:15:37.506	195.8	78.9	1845
13:15:38.506		79.5	1845
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13:15:40.506		80.6	1844
13:15:41.506		85.4	1842
13:15:42.506		82.8	1840
13:15:43.506		80.9	1843
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13:15:45.506	194.8	78	1844

35.16519	446.487511	426.0918	71.3	0.000545	0.0002	0	20	3.2
37.41985	443.538564	433.304769	71.3	0.000571	0.00021	0	20	3.2
38.02624	442.999655	423.393979	71.2	0.000589	0.00021	0	20	3.2
36.86092	442.460746	421.453846	71.2	0.000581	0.00021	0.00002	20	3.2
37.50958	441.921837	419.702683	71.2	0.000571	0.00021	0	20	3.2
37.32273	441.382927	418.395	71.2	0.000563	0.0002	0	20	3.2
34.95224	438.52907	422.992353	71.2	0.000522	0.00019	0	20	3.2
33.80267	433.116587	414.053871	71.4	0.000496	0.00018	0.00002	20	3.2
32.05959	427.704103	413.792113	71.4	0.000471	0.00017	0.00003	20	3.1
32.12704	422.291619	411.472842	71.4	0.000449	0.00017	0	20	3.1
31.65727	416.879136	411.63881	71.5	0.000444	0.00016	0.00005	20	3
32.36103	416.13055	408.923681	71.4	0.000443	0.00016	0.00002	20	3
32.79755	415.940797	406.155013	71.3	0.000452	0.00017	0.00003	20	3
33.87669	415.751044	405.091561	71.3	0.000487	0.00018	0.00002	20	3
36.85545	415.56129	403.447492	71.3	0.000548	0.00019	0.00002	20	3
37.25072	414.966963	408.914468	71.2	0.000549	0.00019	0.00002	20	3
33.34344	412.080052	401.037455	71.2	0.000498	0.00017	0	20	3
32.51937	409.193141	400.043307	71.3	0.000466	0.00017	0	20	3
32.96789	406.30623	398.169532	71.3	0.000451	0.00017	0	20	3
33.19763	403.419318	397.704852	71.3	0.00044	0.00016	0.00005	20	2.9
33.41788	403.106679	397.306437	71.3	0.000456	0.00016	0.00004	20	2.9
35.73481	404.960599	395.7	71.2	0.000476	0.00017	0.00007	20	2.9
33.58709	406.814519	393.984971	71.2	0.000495	0.00017	0.00006	20	2.9
36.52633	408.668439	393.038662	71.2	0.000546	0.00018	0.00004	20	2.8
37.06912	410.487703	399.891204	71.2	0.000556	0.00018	0.00005	20	2.8
34.77095	411.816532	391.706009	71.1	0.000516	0.00017	0	20	2.8
33.50578	413.14536	390.797353	71.2	0.000501	0.00017	0	20	2.8
35.70306	414.474189	390.379288	71.3	0.000531	0.00017	0	20	2.8
37.97905	415.803018	391.70703	71.3	0.000571	0.00018	0	20	2.8
35.07606	415.956346	393.555187	71.3	0.000541	0.00017	0	20	2.8
34.59468	415.407378	389.527957	71.2	0.000513	0.00017	0	20	2.8
34.63988	414.85841	388	71.3	0.000502	0.00017	0	20	2.8
35.5149	414.309442	387.542992	71.3	0.000521	0.00017	0	20	2.8
36.89332	414.118598	398.563435	71.3	0.000546	0.00018	0.00004	20	2.8
36.97442	418.543566	385.7	71.3	0.00057	0.00018	0	20	2.8
37.21267	422.968534	385.486667	71.2	0.000579	0.00018	0	20	2.8
39.33333	427.393501	384.9	71.2	0.000617	0.00019	0.00001	20	2.8
41.1125	431.818469	384.14097	71.2	0.000658	0.0002	0	20	2.9
45.27111	436.490635	401.641818	71.2	0.000748	0.00022	0	20	2.9
49.38886	441.543007	383.754468	71.1	0.000819	0.00024	0.00001	20	2.9
52.17263	446.595379	382.874687	71	0.000883	0.00026	0.00008	20	2.9
50.88454	451.647751	381.844733	71.1	0.000854	0.00026	0.00021	20	2.9
47.45369	456.700123	381.734615	71.1	0.00077	0.00026	0.0002	20	3.1
47.77325	462.316605	401.000909	71.2	0.000752	0.00029	0.00009	20	3.7
55.96557	468.443473	379.646154	71.2	0.000896	0.00035	0	20	3.9
58.68075	474.57034	378.628309	71.1	0.00096	0.0004	0	20	4.2
56.38793	480.697207	377.619415	71.1	0.00095	0.00045	0	20	4.7
56.04005	486.824074	410.033175	71.1	0.000921	0.00047	0	20	5
55.34822	489.578987	378.837612	71.1	0.000915	0.00047	0	20	5.1
57.50859	491.984051	375.458701	71.2	0.000962	0.00048	0	20	4.9
60.74776	494.389114	374.8	71.2	0.001005	0.00059	0	20	5.8
58.43642	496.794177	374.299792	71.2	0.000981	0.00058	0	20	5.8
55.34084	498.672644	435.899043	71.1	0.000909	0.00057	0	20	6.1
53.31719	497.905436	373.786915	71.2	0.000891	0.00055	0	20	6
51.75482	497.138229	372.751954	71.3	0.000862	0.0005	0	20	5.6
51.9694	496.371021	373.2	71.4	0.000825	0.00047	0	20	5.5
51.40211	495.603814	381.349844	71.4	0.000845	0.00048	0	20	5.5
51.74074	495.974647	398.349093	71.3	0.000845	0.00052	0	20	6
52.21769	497.091612	372.4	71.3	0.00086	0.00051	0	20	5.9
55.61164	498.208577	372.4	71.3	0.000925	0.00054	0	20	5.9
55.88149	499.325543	372.4	71.2	0.000936	0.00058	0	20	6.1
55.00276	500.442508	409.618243	71.2	0.000914	0.00057	0	20	6
54.1028	500.418606	372.773372	71.2	0.000885	0.00062	0	20	6.7

92.75576	1	0.42264
90.451613	1	0.42285
88.755345	1	0.42306
88.094115	1	0.42327
87.432885	1	0.42348
86.771655	1	0.42368
86.110425	1	0.42387
83.1393	1	0.42405
79.705087	1	0.42422
76.270874	1	0.42439
72.83666	1	0.42455
70.037045	1	0.42471
70.249947	1	0.42488
70.462849	1	0.42506
70.67575	1	0.42525
70.888652	1	0.42544
70.686253	1	0.42561
70.028503	1	0.42578
69.370752	1	0.42595
68.713002	1	0.42611
68.055251	1	0.42627
68.613393	1	0.42644
69.283036	1	0.42661
69.952679	1	0.42679
70.622321	1	0.42697
71.293471	1	0.42714
71.966569	1	0.42731
72.639668	1	0.42748
73.312766	1	0.42766
73.985865	1	0.42783
74	1	0.428
74	1	0.42817
74	1	0.42834
74	1	0.42852
74.808547	1	0.4287
77.158974	1	0.42888
79.509402	1	0.42907
81.859829	1	0.42927
84.210256	1	0.42949
95.661177	1	0.42973
111.717168	1	0.42999
127.773158	1	0.43025
143.829148	1	0.43051
159.885138	1	0.4308
162.825993	1	0.43115
162.610104	1	0.43155
162.394214	1	0.432
162.178325	1	0.43247
162.112306	1	0.43294
162.757745	1	0.43342
163.403184	1	0.43401
164.048623	1	0.43459
164.694062	1	0.43516
164.547916	1	0.43571
163.68844	1	0.43621
162.828964	1	0.43668
161.969489	1	0.43716
161.110013	1	0.43768
159.504929	1	0.43819
157.790399	1	0.43873
156.075868	1	0.43931
154.361337	1	0.43988
154.091705	1	0.4405

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13:15:47.506	194.6	79.6	1844
13:15:48.506	194.4	83.4	1835
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13:15:56.506	193.4	81.3	1843
13:15:57.506	193.3	81.6	1844
13:15:58.506	193.1	82.1	1841
13:15:59.506	193	82.3	1841
13:16:00.506	192.9	82.6	1845
13:16:01.506	192.7	82	1842
13:16:02.506	192.6	79.9	1840
13:16:03.506	192.5	77.4	1842
13:16:04.506	192.3	76.3	1845
13:16:05.506	192.2	76.4	1844
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13:16:10.506		81.4	1845
13:16:11.506		81.3	1845
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13:16:13.506	191.2	76.5	1845
13:16:14.506	191	76.5	1847
13:16:15.506	190.9	79.3	1844
13:16:16.506	190.8	78.6	1847
13:16:17.506	190.7	77.4	1844
13:16:18.506	190.5	76	1846
13:16:19.506	190.4	77.3	1848
13:16:20.506	190.3	82.1	1847
13:16:21.506	190.1	82.9	1846
13:16:22.506	190	82.8	1845
13:16:23.506	189.9	80.8	1842
13:16:24.506	189.8	79.2	1845
13:16:25.506	189.6	73.4	1846
13:16:26.506	189.5	69.3	1849
13:16:27.506	189.4	70.6	1847
13:16:28.506	189.2	78.4	1845
13:16:29.506	189.1	78.2	1845
13:16:30.506	189	78.3	1845
13:16:31.506	188.9	78.1	1845
13:16:32.506	188.7	78.5	1843
13:16:33.506		80.4	1840
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13:16:35.506		78.7	1841
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13:16:38.506		78.6	1846
13:16:39.506		78	1842
13:16:40.506		79	1844
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13:16:42.506	190.3	78.5	1845
13:16:43.506	190.5	76.5	1842
13:16:44.506	190.7	77	1842
13:16:45.506	190.9	78.7	1842
13:16:46.506	191.1	80.4	1843
13:16:47.506	191.3	78.7	1842
13:16:48.506	191.5	78.4	1840

51.43059	500.207438	372.594404	71.4	0.000837	0.00063	0	20	7.1
50.31716	499.996269	373.966025	71.6	0.000795	0.00062	0	20	7.4
52.09171	499.785101	379.974444	71.6	0.000861	0.00067	0	20	7.7
57.26145	500.787337	401.656234	71.3	0.000959	0.00076	0	20	7.9
62.82853	502.608673	374.23747	71.2	0.001014	0.00084	0	20	8.2
58.27754	504.430009	374.86961	71.1	0.000982	0.00083	0	20	8.3
55.48915	506.251344	375.919355	71.1	0.000919	0.00081	0	20	8.7
55.98107	508.07268	426.558471	71.2	0.000897	0.00082	0	20	9
56.17717	510.211158	377.1	71.3	0.000947	0.00083	0	20	8.8
60.3712	512.354465	377.222513	71.3	0.001005	0.00087	0	20	8.7
62.03397	514.497773	377.9	71.2	0.00101	0.00092	0	20	9.1
61.92681	516.64108	377.9	71.2	0.001025	0.00107	0	20	10.3
60.39069	519.101608	442.007132	71.2	0.001024	0.0011	0	20	10.7
62.49596	522.648546	379.889873	71.2	0.001073	0.00121	0	20	11.3
64.48207	526.195484	380.2	71.2	0.001091	0.00128	0	20	11.8
66.30402	529.742421	381.8	71.2	0.001113	0.00138	0	20	12.5
69.28435	533.289359	440.635959	71.2	0.001172	0.00164	0.0001	20	13.9
74.09228	535.302613	382.665463	71.1	0.001226	0.00215	0.00015	20	17.3
71.91102	537.311253	383.615735	71.1	0.00121	0.0027	0	20	21.7
72.33542	539.319892	384.635622	71.1	0.001193	0.00339	0	20	27.6
73.40667	541.328531	385.640313	71.2	0.001182	0.00392	0	20	32.2
70.3207	542.743546	440.690427	71.2	0.001141	0.00397	0	20	33.7
66.354	543.134681	386.853706	71.2	0.001084	0.00361	0	20	32.6
63.90709	543.525815	387.913901	71.3	0.001071	0.0033	0	20	30.6
64.73387	543.916949	388.141184	71.3	0.001086	0.00301	0	20	27.8
68.82933	544.308083	424.802804	71.3	0.001157	0.00288	0	20	25.1
69.81689	545.013991	399.713429	71.3	0.001185	0.00292	0	20	24.4
70.33983	545.816594	390.579826	71.2	0.001173	0.00311	0	20	25.9
68.75091	546.619197	391.1	71.2	0.001124	0.00337	0	20	29.2
66.59316	547.4218	391.672025	71.2	0.00111	0.00351	0	20	31.2
73.06382	547.946897	470.184636	71.3	0.001191	0.00375	0	20	31.3
72.1304	546.959137	393.678594	71.2	0.001189	0.0039	0	20	32.2
69.19566	545.971376	394.2	71.2	0.001117	0.00389	0	20	33.6
62.86042	544.983616	394.911773	71.2	0.001038	0.00374	0	20	35.1
58.03992	543.995856	395.690309	71.3	0.000944	0.00324	0	20	34.1
55.26917	541.55852	438.177428	71.4	0.000914	0.00277	0	20	30.4
53.85224	537.659966	397.082215	71.5	0.000929	0.00216	0	20	23.3
55.52835	533.761413	397.4	71.4	0.000922	0.00154	0	20	16.7
54.40733	529.862859	397.51672	71.3	0.000915	0.00115	0	20	12.2
51.19297	525.964305	418.188273	71.4	0.000839	0.00082	0	20	9.1
42.94282	520.827302	408.505381	71.5	0.000656	0.00059	0	20	8
36.92743	515.225241	399.643603	71.6	0.000558	0.00045	0	20	7.1
37.46374	509.623181	398.9	71.7	0.000588	0.00041	0	20	6.3
39.4499	504.02112	399.398333	71.6	0.000615	0.00039	0	20	5.9
39.61799	498.734475	443.354932	71.4	0.000634	0.00036	0	20	5.4
40.47984	497.770878	400.5	71.3	0.000655	0.0003	0	20	4.4
40.72247	496.807281	400.5	71.3	0.000667	0.00027	0	20	3.8
42.65118	495.843683	400.5	71.3	0.00069	0.00024	0	20	3.4
44.41055	494.880086	401.194154	71.2	0.000713	0.00023	0	20	3.1
43.86135	493.796412	433.855641	71.2	0.00072	0.00023	0	20	3
43.30805	492.531114	402.493555	71.2	0.000702	0.00022	0	20	3
42.86484	491.265816	402.9	71.2	0.000684	0.00021	0	20	2.9
42.74824	490.000519	403.787126	71.2	0.000687	0.00021	0	20	2.9
42.00163	488.735221	412.181793	71.3	0.000675	0.00021	0	20	2.9
42.75839	487.349326	423.29042	71.3	0.000676	0.0002	0	20	2.8
43.28577	485.875021	405.253263	71.3	0.00068	0.0002	0	20	2.7
43.27364	484.400716	405.5	71.3	0.000681	0.00019	0	20	2.6
41.25544	482.926411	405.71919	71.3	0.00066	0.00018	0	20	2.5
40.30514	481.452106	424.900154	71.3	0.000642	0.00017	0	20	2.4
40.1754	481.65463	408.107899	71.3	0.000635	0.00016	0	20	2.4
41.83965	482.203037	407.2	71.3	0.000677	0.00017	0	20	2.4
43.1694	482.751445	407.2	71.3	0.000696	0.00018	0	20	2.4
43.54397	483.299852	407.700958	71.2	0.000713	0.00018	0	20	2.4

159.391244	1	0.44113
164.690783	1	0.44175
169.990323	1	0.44242
175.289862	1	0.44318
174.681887	1	0.44402
173.159817	1	0.44485
171.637747	1	0.44566
170.115677	1	0.44648
169.514561	1	0.44731
171.441756	1	0.44818
173.368951	1	0.4491
175.296146	1	0.45017
177.22334	1	0.45127
182.698611	1	0.45248
190.568981	1	0.45376
198.439352	1	0.45514
206.309722	1	0.45678
222.801718	1	0.45893
261.797092	1	0.46163
300.792465	1	0.46502
339.787839	1	0.46894
378.783212	1	0.47291
363.926206	1	0.47652
329.950876	1	0.47982
295.975546	1	0.48283
262.000216	1	0.48571
233.453258	1	0.48863
245.874265	1	0.49174
258.295271	1	0.49511
270.716278	1	0.49862
283.137285	1	0.50237
278.797101	1	0.50627
259.47343	1	0.51016
240.149758	1	0.5139
220.826087	1	0.51714
201.502415	1	0.51991
193.707448	1	0.52207
189.414681	1	0.52361
185.121915	1	0.52476
180.829148	1	0.52558
175.751178	1	0.52617
164.188009	1	0.52662
152.624839	1	0.52703
141.06167	1	0.52742
129.498501	1	0.52778
122.082723	1	0.52808
119.988482	1	0.52835
117.894241	1	0.52859
115.8	1	0.52882
113.705759	1	0.52905
115.067998	1	0.52927
118.187149	1	0.52948
121.306301	1	0.52969
124.425452	1	0.5299
127.544604	1	0.5301
126.897116	1	0.5303
125.605682	1	0.53049
124.314249	1	0.53067
123.022815	1	0.53084
121.742627	1	0.531
120.505259	1	0.53117
119.26789	1	0.53135
118.030522	1	0.53153

13:16:49.506	191.6	78.6	1840
13:16:50.506	191.8	78.4	1844
13:16:51.506	192	76.3	1843
13:16:52.506	192.2	75.5	1843
13:16:53.506	192.4	78.3	1844
13:16:54.506	192.6	81.4	1840
13:16:55.506	192.8	83.3	1837
13:16:56.506	193	79.3	1841
13:16:57.506	193.2	76.3	1842
13:16:58.506	193.4	78.2	1842
13:16:59.506	193.5	80	1843
13:17:00.506	193.7	80.4	1844
13:17:01.506	193.9	79.7	1845
13:17:02.506		76.9	1845
13:17:03.506		76.9	1847
13:17:04.506		78.9	1843
13:17:05.506		82.6	1842
13:17:06.506		82	1841
13:17:07.506		89.7	1840
13:17:08.506		81.9	1841
13:17:09.506	195	79.4	1843
13:17:10.506	195.1	76.8	1843
13:17:11.506	195.3	76.3	1842
13:17:12.506	195.4	78.7	1845
13:17:13.506	195.5	84.8	1844
13:17:14.506	195.6	83.6	1844
13:17:15.506	195.8	80.5	1845
13:17:16.506	195.9	77.6	1845
13:17:17.506	196	77.5	1844
13:17:18.506	196.2	79	1840
13:17:19.506	196.3	81.4	1844
13:17:20.506	196.4	79.1	1844
13:17:21.506	196.6	81	1841
13:17:22.506	196.7	82.5	1839
13:17:23.506	196.8	85	1839
13:17:24.506	197	79.3	1842
13:17:25.506	197.1	81.3	1841
13:17:26.506	197.2	79.9	1842
13:17:27.506	197.3	76	1846
13:17:28.506	197.5	72.3	1847
13:17:29.506		74.6	1847
13:17:30.506		81.4	1849
13:17:31.506		77	1845
13:17:32.506		77.7	1849
13:17:33.506		73.9	1845
13:17:34.506		71	1847
13:17:35.506		71.5	1842
13:17:36.506		72.3	1843
13:17:37.506	196	73.6	1844
13:17:38.506	195.8	73.8	1843
13:17:39.506	195.6	75.1	1843
13:17:40.506	195.4	75.9	1843
13:17:41.506	195.2	75.4	1841
13:17:42.506	195	80.2	1841
13:17:43.506	194.8	81.1	1840
13:17:44.506	194.6	80.4	1841
13:17:45.506	194.4	80	1842
13:17:46.506	194.2	78.4	1843
13:17:47.506	194	79.7	1843
13:17:48.506	193.8	80	1843
13:17:49.506	193.6	83.4	1841
13:17:50.506	193.4	82.6	1837
13:17:51.506	193.2	82.7	1842

44.13708	483.713956	442.068006	71.2	0.000727	0.00018	0	20	2.4
45.57947	482.736178	408.92452	71.2	0.000741	0.00018	0	20	2.3
44.30485	481.7584	409.6	71.2	0.000721	0.00017	0	20	2.3
42.2415	480.780622	409.6	71.2	0.000672	0.00016	0	20	2.3
41.25583	479.802844	417.529681	71.3	0.000645	0.00016	0	20	2.3
44.12	480.796791	425.445455	71.3	0.000692	0.00016	0	20	2.3
49.10787	483.172286	410.4	71.3	0.000791	0.00018	0	20	2.3
51.17679	485.547781	411.146735	71.2	0.000848	0.00019	0	20	2.3
49.62583	487.923276	411.2	71.1	0.000827	0.00019	0	20	2.2
48.76833	490.298771	430.463421	71.2	0.000799	0.00018	0	20	2.2
49.5561	490.947171	418.53022	71.2	0.000792	0.00018	0	20	2.2
49.28818	491.133699	411.93099	71.2	0.000799	0.00018	0	20	2.1
49.27293	491.320228	412	71.2	0.000807	0.00017	0	20	2.1
47.66102	491.506756	412	71.2	0.000796	0.00017	0	20	2.1
45.23805	491.693285	441.383242	71.3	0.000748	0.00017	0	20	2.1
44.99791	493.973986	412.865121	71.3	0.000728	0.00016	0	20	2.1
46.17536	496.332892	412	71.3	0.00074	0.00017	0	20	2.2
49.10903	498.691799	412	71.3	0.000791	0.00017	0	20	2.2
53.32	501.050705	412.891398	71.2	0.000855	0.00018	0	20	2.2
53.43412	501.853879	439.562611	71.2	0.000913	0.0002	0	20	2.2
53.52016	500.577897	412	71.1	0.000902	0.0002	0	20	2.2
52.70729	499.301914	412	71.2	0.000876	0.00019	0	20	2.1
49.59107	498.025931	411.926667	71.2	0.000806	0.00018	0	20	2.1
47.14787	496.749949	418.662277	71.2	0.000761	0.00017	0	20	2.1
49.42747	496.526506	428.390299	71.3	0.000797	0.00017	0	20	2.1
51.33555	497.100331	410.589319	71.3	0.000833	0.00018	0	20	2.1
51.61879	497.674156	410.506829	71.2	0.000842	0.00018	0	20	2.1
49.67215	498.247981	410.830968	71.2	0.000816	0.00018	0	20	2.1
48.17595	498.807598	445.464865	71.3	0.000773	0.00017	0	20	2.1
47.26548	499.007554	410.4	71.3	0.000755	0.00017	0	20	2.1
48.10187	499.207509	410.4	71.3	0.000786	0.00017	0	20	2.1
49.10169	499.407465	409.664899	71.3	0.000798	0.00017	0	20	2.1
49.0561	499.607421	410.234507	71.2	0.000795	0.00017	0.00005	20	2.1
49.94783	500.830398	430.173495	71.3	0.000865	0.00018	0	20	2.1
53.85211	502.935423	409.6	71.2	0.000935	0.00019	0	20	2.1
54.97651	505.040448	409.472857	71.1	0.000922	0.0002	0	20	2.1
53.79573	507.145473	408.8	71.1	0.000907	0.00019	0	20	2.1
54.29787	508.58012	456.088553	71.1	0.000887	0.00019	0	20	2.1
51.3069	505.051721	408.969928	71.2	0.000824	0.00018	0	20	2.1
45.29852	501.523322	409.248124	71.3	0.000707	0.00016	0	20	2.1
41.58612	497.994923	409.459302	71.5	0.000656	0.00015	0	20	2.1
43.55759	494.466523	411.041564	71.5	0.000677	0.00015	0	20	2.1
42.16163	490.852473	431.626579	71.5	0.000656	0.00014	0	20	2
40.6714	487.142226	408.8	71.5	0.000633	0.00014	0	20	2
38.50608	483.431979	408.790419	71.5	0.000603	0.00013	0	20	2
36.84768	479.721731	408	71.5	0.000567	0.00012	0	20	2
36.56844	476.011484	429.37069	71.5	0.000566	0.00013	0	20	2
37.72808	473.585395	408	71.4	0.000569	0.00013	0.00002	20	2
37.69395	471.236927	408	71.3	0.000579	0.00013	0.00002	20	2
37.83	468.888459	407.319881	71.3	0.000593	0.00013	0	20	2
38.38371	466.539991	409.015625	71.3	0.000601	0.00013	0	20	2
38.35261	466.470248	423.179104	71.3	0.00061	0.00013	0	20	2
38.92974	468.949587	407.450054	71.3	0.000626	0.00014	0	20	2.1
40.22283	471.428926	407.2	71.3	0.000653	0.00014	0	20	2.1
43.74785	473.908264	407.2	71.2	0.000717	0.00015	0	20	2.1
47.08889	476.387603	428.34794	71.2	0.00078	0.00017	0	20	2.1
49.18402	478.992132	408.026957	71.1	0.000812	0.00017	0	20	2.1
49.67456	481.614709	408.539971	71.2	0.000824	0.00017	0	20	2
49.05804	484.237286	407.67688	71.5	0.000806	0.00017	0	20	2
48.81077	486.859863	408	71.4	0.000781	0.00016	0	20	2
50.48674	489.861103	430.914474	71.3	0.000836	0.00017	0	20	2
57.97884	493.258042	408.548736	71.3	0.00094	0.00018	0	20	2
58.8443	496.65498	408.8	71.2	0.000983	0.00019	0	20	1.9

116.793153	1	0.53171
117.278433	1	0.53189
120.839528	1	0.53206
124.400623	1	0.53222
127.961718	1	0.53238
131.522813	1	0.53254
135.960915	1	0.53272
140.534719	1	0.53291
145.108524	1	0.5331
149.682328	1	0.53328
154.05936	1	0.53346
155.119356	1	0.53364
156.179351	1	0.53381
157.239347	1	0.53398
158.299343	1	0.53415
157.655947	1	0.53431
153.691189	1	0.53448
149.726432	1	0.53465
145.761674	1	0.53483
141.796916	1	0.53503
149.03922	1	0.53523
159.100821	1	0.53542
169.162423	1	0.5356
179.224025	1	0.53577
189.285626	1	0.53594
185.283223	1	0.53612
180.20596	1	0.5363
175.128698	1	0.53648
170.051435	1	0.53665
166.822706	1	0.53682
166.37836	1	0.53699
165.934015	1	0.53716
165.489669	1	0.53733
165.045323	1	0.53751
164.004214	1	0.5377
162.89532	1	0.5379
161.786427	1	0.53809
160.677534	1	0.53828
160.683656	1	0.53846
162.441125	1	0.53862
164.198594	1	0.53877
165.956063	1	0.53892
167.713533	1	0.53906
155.63963	1	0.5392
140.872162	1	0.53933
126.104695	1	0.53945
111.337227	1	0.53958
100.462245	1	0.53971
98.669729	1	0.53984
96.877213	1	0.53997
95.084696	1	0.5401
93.29218	1	0.54023
93.908597	1	0.54037
94.994138	1	0.54051
96.079679	1	0.54066
97.165219	1	0.54083
101.106927	1	0.541
114.556826	1	0.54117
128.006725	1	0.54134
141.456624	1	0.5415
154.906523	1	0.54167
158.483061	1	0.54185
159.110414	1	0.54204

13:17:52.506	193.1	80.7	1842
13:17:53.506	192.9	81.7	1841
13:17:54.506	192.7	83.1	1841
13:17:55.506	192.5	81.9	1847
13:17:56.506	192.3	74.2	1847
13:17:57.506		78.1	1846
13:17:58.506		79.5	1844
13:17:59.506		82	1843
13:18:00.506		83.5	1846
13:18:01.506		76.1	1848
13:18:02.506		77.1	1847
13:18:03.506		80.8	1844
13:18:04.506	192.7	82.4	1843
13:18:05.506	192.8	84.4	1839
13:18:06.506	192.8	84.6	1841
13:18:07.506	192.9	82.5	1841
13:18:08.506	193	81.1	1840
13:18:09.506	193	81.1	1838
13:18:10.506	193.1	81.6	1839
13:18:11.506	193.2	80.7	1843
13:18:12.506	193.2	80.5	1842
13:18:13.506	193.3	81.7	1842
13:18:14.506	193.4	82	1843
13:18:15.506	193.4	81.2	1844
13:18:16.506	193.5	80.2	1843
13:18:17.506	193.6	79.9	1842
13:18:18.506	193.6	81.9	1841
13:18:19.506	193.7	81.7	1844
13:18:20.506	193.8	79.6	1844
13:18:21.506	193.8	81	1843
13:18:22.506	193.9	81.6	1840
13:18:23.506	194	82.3	1842
13:18:24.506		81.6	1842
13:18:25.506		78.6	1845
13:18:26.506		75.3	1846
13:18:27.506		76.2	1845
13:18:28.506		77.2	1848
13:18:29.506		77.1	1847
13:18:30.506		78.7	1847
13:18:31.506		80.9	1846
13:18:32.506	192.9	77.7	1843
13:18:33.506	192.8	79.9	1843
13:18:34.506	192.7	83.1	1842
13:18:35.506	192.5	82	1841
13:18:36.506	192.4	81.9	1843
13:18:37.506	192.3	78.8	1847
13:18:38.506	192.1	75.9	1846
13:18:39.506	192	77.8	1845
13:18:40.506	191.9	81.1	1846
13:18:41.506	191.8	70.3	1828
13:18:42.506	191.6	1.9	1643
13:18:43.506	191.5	0	1591
13:18:44.506	191.4	0	1582
13:18:45.506	191.2	0	1516
13:18:46.506	191.1	0	1342
13:18:47.506	191	0	1128
13:18:48.506	190.8	1.9	1069
13:18:49.506	190.7	11.8	872
13:18:50.506	190.6	14.1	805
13:18:51.506	190.5	20.7	773
13:18:52.506		28.4	748
13:18:53.506		32.2	705
13:18:54.506		33.2	678

55.94245	500.051919	408	71.1	0.000943	0.00018	0.00003	20	1.9
56.11837	503.448857	423.552	71.1	0.000922	0.00018	0.00016	20	1.9
58.06549	503.951064	422.751777	71.2	0.000939	0.00018	0.00007	20	1.9
54.72747	503.327542	408.8	71.2	0.00092	0.00018	0	20	1.9
50.87768	502.704021	408.19113	71.2	0.000836	0.00017	0	20	1.9
49.13002	502.080499	408.353222	71.4	0.000805	0.00016	0.00001	20	1.9
50.92546	501.458765	448.90625	71.5	0.000815	0.00016	0.00001	20	1.9
50.30526	500.861155	408	71.4	0.000811	0.00016	0.00001	20	1.9
52.18142	500.263546	408	71.3	0.00086	0.00017	0.00001	20	1.9
50.56355	499.665936	408	71.3	0.00083	0.00017	0.00001	20	1.9
48.01182	499.068327	407.939903	71.4	0.000786	0.00016	0.00014	20	1.9
48.39295	500.498371	429.773281	71.4	0.000775	0.00016	0.00019	20	1.9
51.33949	503.580713	406.456991	71.3	0.00084	0.00016	0.00025	20	1.9
53.11825	506.663056	407.2	71.3	0.000875	0.00017	0.00029	20	1.9
56.49207	509.745399	406.876947	71.2	0.000923	0.00018	0.00033	20	1.9
56.32933	512.801793	444.856944	71.2	0.000928	0.00018	0.00026	20	1.9
54.59792	513.000996	406.23899	71.1	0.000911	0.00018	0.00005	20	1.9
56.17394	513.200199	405.644703	71.2	0.00092	0.00018	0	20	1.9
57.68165	513.399402	406.3	71.1	0.000931	0.00018	0	20	1.9
54.19581	513.598606	409.735852	71.1	0.000921	0.00018	0	20	1.9
54.99202	513.896226	436.454486	71.1	0.000916	0.00018	0	20	1.9
57.0208	514.29587	405.5	71.2	0.000924	0.00018	0	20	1.9
56.81702	514.695515	405.5	71.2	0.000918	0.00018	0	20	1.9
55.52667	515.09516	405.5	71.2	0.000939	0.00018	0	20	1.9
54.84741	515.494805	446.455882	71.2	0.00092	0.00018	0	20	1.9
55.18611	515.5	405.5	71.3	0.00091	0.00018	0	20	1.9
57.52241	515.5	405.5	71.3	0.000914	0.00018	0	20	2
56.53	515.5	405.5	71.3	0.000914	0.00019	0	20	2
55.08884	515.5	405.5	71.2	0.000914	0.00019	0	20	2
54.48032	515.759858	448.811168	71.3	0.000897	0.00018	0	20	2
55.95752	516.554532	405.934313	71.3	0.00092	0.00019	0	20	2
60.50215	517.349205	405.5	71.3	0.000973	0.00019	0	20	1.9
57.42379	518.143879	405.585106	71.2	0.000956	0.00018	0	20	1.9
54.64357	518.938552	425.014402	71.2	0.000927	0.00018	0	20	1.9
51.39454	516.716374	419.85472	71.2	0.000839	0.00017	0	20	1.9
48.71488	513.014994	406.193835	71.4	0.000787	0.00016	0	20	1.9
47.11185	509.313614	406.08359	71.5	0.000746	0.00015	0	20	1.9
45.32481	505.612233	405.5	71.5	0.000718	0.00015	0	20	1.9
42.72582	501.910853	436.36166	71.5	0.000668	0.00014	0	20	1.9
42.84993	500.9666	408.165613	71.5	0.000668	0.00014	0	20	1.9
43.68972	500.3666	405.5	71.5	0.000694	0.00014	0	20	2
43.20198	499.7666	405.5	71.5	0.000688	0.00014	0	20	1.9
45.64034	499.1666	405.5	71.4	0.00073	0.00014	0	20	1.9
48.53408	498.660042	438.008071	71.3	0.000809	0.00016	0	20	1.9
50.3586	498.300254	405.942453	71.2	0.000835	0.00016	0	20	1.9
51.63885	497.940466	405.656477	71.2	0.000837	0.00017	0	20	1.9
47.76696	497.580677	405.5	71.2	0.000792	0.00016	0	20	1.9
47.40095	497.220889	420.2224	71.3	0.000755	0.00015	0	20	1.8
47.79184	480.886551	419.052059	71.3	0.000758	0.00015	0	20	1.8
49.50623	456.468705	405.535891	71.3	0.000825	0.00017	0	20	1.9
43.6792	432.05086	406.3	71.2	0.000355	0.00014	0	20	1.9
41.47622	407.633014	406.3	69.6	0.000165	0.00014	0	20	2
43.68431	383.588144	396.907778	65.6	0.000078	0.00014	0	20	1.9
41.54126	364.575745	405.5	60	0.000042	0.00013	0	20	1.9
37.2524	345.563346	405.5	43.4	0.000028	0.00011	0	20	1.9
30.15807	326.550946	405.5	37	0.000022	0.0001	0	20	1.9
27.32508	307.538547	403.321975	29.3	0.00002	0.00009	0	20	1.9
18.08048	296.863826	375.36686	22.3	0.000009	0.00004	0	20	1.9
10.73949	295.516	404.7	17	0.000008	0.00004	0	20	2
11.17388	294.168174	403.8	13.5	0.00001	0.00004	0	20	2
11.08534	292.820348	403.457236	10.7	0.000016	0.00004	0	20	2
10.76961	291.472522	369.451043	8.2	0.000021	0.00004	0	20	2
10.52455	295.250989	402.064693	6.6	0.000031	0.00004	0	20	2

159.737767	1	0.54222
160.365119	1	0.5424
160.992472	1	0.54258
164.251426	1	0.54276
167.542343	1	0.54293
170.83326	1	0.54309
174.124177	1	0.54325
174.88118	1	0.54341
172.279271	1	0.54358
169.677363	1	0.54375
167.075455	1	0.54391
164.473547	1	0.54407
165.264576	1	0.54423
166.810512	1	0.5444
168.356449	1	0.54458
169.902385	1	0.54476
169.784201	1	0.54494
165.591792	1	0.54512
161.399382	1	0.5453
157.206973	1	0.54548
153.014563	1	0.54566
152.85553	1	0.54584
153.984199	1	0.54602
155.112867	1	0.5462
156.241535	1	0.54638
156.791922	1	0.54656
156.157539	1	0.54674
155.523155	1	0.54693
154.888771	1	0.54712
154.254388	1	0.5473
154.524518	1	0.54749
155.400175	1	0.54768
156.275832	1	0.54786
157.151489	1	0.54804
158.159367	1	0.54821
163.300226	1	0.54837
168.441086	1	0.54852
173.581945	1	0.54867
178.722805	1	0.54881
181.132088	1	0.54895
170.013565	1	0.54909
158.895041	1	0.54923
147.776518	1	0.54937
136.657994	1	0.54953
138.325397	1	0.54969
146.261905	1	0.54986
154.198413	1	0.55002
162.134921	1	0.55017
169.686939	1	0.55032
134.902428	1	0.55049
100.117917	1	0.55063
65.333406	1	0.55077
30.548895	1	0.55091
10.140615	1	0.55104
8.178548	1	0.55115
6.216481	1	0.55125
4.254415	1	0.55134
2.292348	0	0.55138
30.249729	0	0.55142
63.44565	0	0.55146
96.641571	0	0.5515
129.837492	0	0.55154
155.955925	0	0.55158

13:18:55.506		38.1	734
13:18:56.506		58	989
13:18:57.506		35.8	833
13:18:58.506		38.7	820
13:18:59.506		41.3	770
13:19:00.506	190.9	40.4	801
13:19:01.506	191	43.1	825
13:19:02.506	191.1	41.2	787
13:19:03.506	191.1	32.5	665
13:19:04.506	191.2	37.3	770
13:19:05.506	191.3	43.1	819
13:19:06.506	191.3	43.2	804
13:19:07.506	191.4	42.5	856
13:19:08.506	191.5	38.3	729
13:19:09.506	191.5	34.3	672
13:19:10.506	191.6	35.5	692
13:19:11.506	191.7	37.6	715
13:19:12.506	191.7	34.9	680
13:19:13.506	191.8	38	680
13:19:14.506	191.8	35	668
13:19:15.506	191.9	35.8	695
13:19:16.506	192	44.6	854
13:19:17.506	192	55.5	967
13:19:18.506	192.1	56.7	984
13:19:19.506	192.2	48.8	889
13:19:20.506		30.7	694
13:19:21.506		32.1	667
13:19:22.506		33.6	684
13:19:23.506		41.3	727
13:19:24.506		46.9	799
13:19:25.506		47	874
13:19:26.506		49	933
13:19:27.506		52.9	958
13:19:28.506	192.2	54.2	974
13:19:29.506	192.2	40.1	833
13:19:30.506	192.2	36	801
13:19:31.506	192.2	31.3	740
13:19:32.506	192.2	30.4	671
13:19:33.506	192.2	31.1	673
13:19:34.506	192.2	32.4	682
13:19:35.506	192.2	35.7	683
13:19:36.506	192.2	41.3	720
13:19:37.506	192.2	54.9	979
13:19:38.506	192.2	53.1	998
13:19:39.506	192.2	37.4	825
13:19:40.506	192.2	44.4	859
13:19:41.506	192.2	52	973
13:19:42.506	192.2	50.7	970
13:19:43.506	192.2	28.9	763
13:19:44.506	192.2	23.7	742
13:19:45.506	192.2	35.3	797
13:19:46.506	192.2	38.1	799
13:19:47.506	192.2	42.7	842
13:19:48.506		45.6	876
13:19:49.506		45.9	901
13:19:50.506		42.9	814
13:19:51.506		38	811
13:19:52.506		40	814
13:19:53.506		40.1	806
13:19:54.506		32.6	690
13:19:55.506		30.6	675
13:19:56.506	193.3	39.3	798
13:19:57.506	193.4	56.7	1000

12.62371	299.78194	401.3	5.7	0.000051	0.00004	0	20	2
18.35142	304.312891	401.3	5.1	0.000091	0.00005	0	20	2
10.89944	308.843842	401.851325	4.7	0.000092	0.00004	0.00001	20	2
13.43485	312.707314	357.517862	5	0.000103	0.00004	0	20	2.1
12.69083	313.334884	401.102586	5.5	0.000108	0.00004	0	20	2.1
12.93109	313.962454	400.85994	5.5	0.000112	0.00005	0	20	2.1
13.10231	314.590024	401.3	5.5	0.000112	0.00005	0	20	2.1
11.78957	315.217594	399.678744	5.4	0.000099	0.00004	0	20	2.1
10.11571	315.416631	381.552135	5.4	0.000097	0.00004	0	20	2.1
12.56961	315.26505	399.582974	5.4	0.000113	0.00005	0	20	2.1
11.72553	315.113469	399.816213	5.2	0.000112	0.00005	0	20	2.1
13.89155	314.961888	400.209478	5	0.000108	0.00005	0	20	2.2
8.79532	314.810307	372.655784	5.1	0.000107	0.00005	0	20	2.2
10.27057	313.045315	399.613717	5.1	0.000096	0.00004	0	20	2.2
9.99136	311.162605	398.9	5.2	0.000094	0.00004	0	20	2.3
11.20474	309.279896	398.9	5.2	0.0001	0.00005	0	20	2.4
9.98739	307.397187	398.9	5	0.000094	0.00004	0	20	2.4
11.82979	305.958666	360.884645	4.8	0.000094	0.00004	0	20	2.4
11.89084	305.504214	398.2	4.7	0.000089	0.00004	0	20	2.4
10.29768	305.049762	397.642202	4.5	0.000088	0.00004	0	20	2.4
10.82444	304.595311	398.191763	4.4	0.000104	0.00005	0	20	2.4
14.76756	304.140859	395.466064	4.2	0.000128	0.00006	0	20	2.4
16.41389	303.762026	372.902203	4.2	0.000141	0.00007	0	20	2.4
15.45974	303.468463	398.429349	4.4	0.000141	0.00006	0	20	2.4
10.65717	303.1749	398.2	4.9	0.000113	0.00005	0	20	2.4
9.6196	302.881338	398.2	5.4	0.000108	0.00004	0	20	2.4
10.20974	302.587775	379.839685	5.6	0.000105	0.00004	0	20	2.4
10.699	302.5	382.796169	5.8	0.000105	0.00004	0	20	2.4
13.25351	302.5	397.4	5.1	0.000108	0.00005	0	20	2.4
14.79234	302.5	397.4	4.6	0.000121	0.00006	0	20	2.4
14.88233	302.5	397.4	4.4	0.000127	0.00006	0	20	2.4
14.726	302.5	362.251852	4.6	0.000134	0.00006	0	20	2.4
15.00145	302.5	397.4	4.8	0.000141	0.00006	0	20	2.4
13.562	302.5	397.4	5.2	0.000136	0.00006	0	20	2.4
11.14645	302.5	397.4	5.5	0.000127	0.00005	0	20	2.4
12.32575	302.5	397.4	5.7	0.000126	0.00005	0	20	2.4
10.63717	301.30663	364.397574	6.3	0.00011	0.00004	0	20	2.4
9.7405	298.09	396.948085	6.1	0.000098	0.00004	0	20	2.4
10.44614	294.87337	396.6	5.9	0.000095	0.00004	0	20	2.4
10.76587	291.65674	396.379787	5.5	0.000092	0.00004	0	20	2.4
10.52265	288.440109	371.592912	5.2	0.000088	0.00004	0	20	2.5
13.49579	288.404203	386.603372	5	0.00011	0.00006	0	20	2.5
16.6542	289.158513	395	4.8	0.000137	0.00007	0	20	2.5
14.30378	289.912823	395	4.7	0.000133	0.00006	0	20	2.5
11.8842	290.667134	395	5	0.000112	0.00005	0	20	2.5
13.78773	291.040824	342.826838	5.9	0.000137	0.00006	0	20	2.5
15.45873	289.431037	394.723871	6.2	0.000148	0.00006	0	20	2.5
11.65224	287.821249	394.2	6.3	0.00013	0.00006	0	20	2.5
10.69282	286.211462	394.150532	6.5	0.000101	0.00004	0.00001	20	2.5
10.06089	284.601674	386.180329	6.9	0.000109	0.00005	0	20	2.5
12.55565	283.8	361.964408	6.8	0.000112	0.00005	0	20	2.6
12.12387	283.8	392.7	6.3	0.000106	0.00005	0	20	2.6
13.17404	283.8	391.977	6.2	0.00011	0.00006	0	20	2.6
13.86799	283.8	391.744577	6.1	0.000114	0.00006	0	20	2.6
13.5351	283.8	367.385675	6.1	0.000114	0.00006	0	20	2.6
10.60802	282.968088	382.802826	6.2	0.000108	0.00005	0	20	2.6
13.85345	281.867675	390.209913	6.3	0.000114	0.00006	0	20	2.6
13.1997	280.767263	389.6	6.4	0.000112	0.00005	0	20	2.6
11.45658	279.66685	388.731991	6.3	0.000103	0.00005	0	20	2.6
5.77	279.164064	349.313472	6.3	0.000087	0.00004	0	20	2.6
10.27962	279.580471	387.610345	6.3	0.00009	0.00005	0	20	2.6
12.5199	279.996877	386.656995	6.1	0.000113	0.00006	0	20	2.6
15.72625	280.413283	386.4	5.7	0.000125	0.00007	0	20	2.6

159.906029	0	0.55162
163.856133	1	0.55167
167.806237	1	0.55171
171.756341	1	0.55175
172.279646	1	0.55179
168.297345	1	0.55184
164.315044	1	0.55189
160.332743	1	0.55193
156.350442	1	0.55197
156.395747	1	0.55202
156.829681	1	0.55207
157.263615	1	0.55212
157.697548	1	0.55217
157.807822	1	0.55221
157.173573	1	0.55225
156.539323	1	0.5523
155.905074	1	0.55234
155.270825	1	0.55238
157.904943	1	0.55242
162.974651	1	0.55246
168.04436	1	0.55251
173.114068	1	0.55257
178.183777	1	0.55264
169.884174	1	0.5527
159.019065	1	0.55275
148.153957	1	0.55279
137.288848	1	0.55283
126.423739	1	0.55287
136.201256	1	0.55292
146.816508	1	0.55298
157.431759	1	0.55304
168.04701	1	0.5531
171.111834	1	0.55316
159.841786	1	0.55322
148.571738	1	0.55327
137.301691	1	0.55332
126.031643	1	0.55336
127.235408	1	0.5534
133.029399	1	0.55344
138.823391	1	0.55348
144.617382	1	0.55352
149.828352	1	0.55358
147.410769	1	0.55365
144.993187	1	0.55371
142.575604	1	0.55376
140.158022	1	0.55382
136.587963	1	0.55388
131.958333	1	0.55394
127.328704	1	0.55398
122.699074	1	0.55403
118.069444	1	0.55408
121.788705	1	0.55413
128.01589	1	0.55419
134.243075	1	0.55425
140.47026	1	0.55431
145.69791	1	0.55436
143.000674	1	0.55442
140.303439	1	0.55447
137.606204	1	0.55452
134.908968	1	0.55456
138.151534	1	0.55461
144.413275	1	0.55467
150.675016	1	0.55474

13:19:58.506	193.6	58.2	1019
13:19:59.506	193.7	55	1002
13:20:00.506	193.8	87.6	1564
13:20:01.506	194	57.2	1609
13:20:02.506	194.1	24.2	1349
13:20:03.506	194.2	17.1	999
13:20:04.506	194.3	34.2	1197
13:20:05.506	194.5	59.1	1319
13:20:06.506	194.6	65.3	1463
13:20:07.506	194.7	50	1474
13:20:08.506	194.9	20.7	1354
13:20:09.506	195	19.7	1247
13:20:10.506	195.1	20	1187
13:20:11.506	195.3	35.6	1194
13:20:12.506	195.4	41.5	1242
13:20:13.506	195.5	21.4	1082
13:20:14.506	195.7	28.2	1058
13:20:15.506	195.8	37.2	1047
13:20:16.506		24.6	912
13:20:17.506		20.1	909
13:20:18.506		28.3	811
13:20:19.506		43.8	870
13:20:20.506		41.2	896
13:20:21.506		46.5	964
13:20:22.506		49.9	978
13:20:23.506	195.3	43.2	932
13:20:24.506	195.2	21	803
13:20:25.506	195.2	28.2	763
13:20:26.506	195.1	30.9	717
13:20:27.506	195	31.5	677
13:20:28.506	195	33.2	682
13:20:29.506	194.9	35.8	685
13:20:30.506	194.8	35.7	686
13:20:31.506	194.8	48.5	881
13:20:32.506	194.7	53.4	1021
13:20:33.506	194.6	45	919
13:20:34.506	194.6	33	761
13:20:35.506	194.5	37.5	751
13:20:36.506	194.4	41.5	845
13:20:37.506	194.4	53.9	969
13:20:38.506	194.3	62.6	1095
13:20:39.506	194.3	57.8	1174
13:20:40.506	194.2	38.9	962
13:20:41.506	194.1	30.5	875
13:20:42.506	194.1	33	882
13:20:43.506		28.5	843
13:20:44.506		34.9	740
13:20:45.506		58.4	1127
13:20:46.506		56.9	1235
13:20:47.506		27.8	1022
13:20:48.506		22.7	889
13:20:49.506		32.2	899
13:20:50.506	193.5	53.2	1038
13:20:51.506	193.5	55	1132
13:20:52.506	193.4	48.5	1065
13:20:53.506	193.3	39.3	1026
13:20:54.506	193.3	38.5	935
13:20:55.506	193.2	30	951
13:20:56.506	193.1	23.5	818
13:20:57.506	193.1	24.7	786
13:20:58.506	193	28.9	753
13:20:59.506	192.9	31.8	694
13:21:00.506	192.9	38.5	785

14.1109	280.82969	374.436911	5.6	0.000129	0.00007	0	20	2.6
13.3253	284.922681	361.784276	6.1	0.000182	0.00009	0	20	2.6
40.7334	291.560044	383.540833	6.7	0.000494	0.00018	0	20	2.6
35.27104	298.197407	382.517919	7.4	0.000484	0.00016	0	20	2.7
22.78411	304.834769	381.100577	8.8	0.000285	0.0001	0	20	2.7
15.91148	311.187098	351.96	11.2	0.000162	0.00007	0	20	2.7
14.71232	310.872421	377.736949	12.1	0.000141	0.00008	0	20	2.7
20.81216	310.557743	376.768474	11.4	0.000137	0.00009	0	20	2.8
25.35788	310.243066	375.708493	10.7	0.000207	0.00011	0	20	2.7
20.6801	309.928388	367.866301	11	0.000239	0.00011	0	20	2.8
20.4813	305.712084	358.41284	11.8	0.000201	0.00008	0	20	2.8
16.52468	298.806821	371.360064	12.5	0.000178	0.00007	0	20	2.8
14.70025	291.901558	370.078238	12.7	0.000148	0.00007	0	20	2.8
14.65604	284.996295	368.900535	12.2	0.000122	0.00008	0	20	2.9
16.51556	278.091032	345.490767	12	0.000108	0.00008	0	20	2.9
13.04653	272.826048	366.1	11.2	0.000093	0.00006	0	20	2.9
11.75295	267.86886	366.005161	10.8	0.00009	0.00006	0	20	2.9
11.56856	262.911672	364.2575	10.5	0.000085	0.00006	0	20	2.9
11.2505	257.954484	363.224024	9.8	0.000082	0.00006	0	20	3
13.08415	255.234348	324.711927	9.4	0.000081	0.00006	0	20	3
10.02647	255.814419	360.8	9.2	0.000074	0.00006	0	20	3
12.47902	256.394489	360.151688	8.4	0.00008	0.00006	0	20	3
13.82211	256.97456	359.210381	7.9	0.00009	0.00007	0	20	3
14.98951	257.55463	348.095122	7.5	0.000092	0.00007	0	20	3
13.68586	257.464256	333.735006	7.4	0.000098	0.00007	0	20	2.9
11.28984	256.882377	356.322556	7.5	0.000098	0.00006	0	20	2.9
6.87204	256.300499	355.3	7.6	0.000097	0.00006	0	20	3
10.77	255.71862	354.88871	7.6	0.000096	0.00006	0	20	3.1
10.68911	255.136741	331.501389	7.4	0.00009	0.00006	0	20	3.1
10.52337	255.246721	347.562687	6.8	0.000084	0.00006	0	20	3.2
10.63751	255.569232	352.2	5.9	0.00008	0.00006	0	20	3.1
10.77	255.891744	350.6	5.3	0.000078	0.00006	0	20	3.1
10.77	256.214255	350.060426	4.6	0.000082	0.00006	0	20	3.1
15.74294	256.683123	306.049865	3.7	0.000119	0.00008	0	20	3.1
15.12958	258.289462	348.948826	3.7	0.000131	0.00008	0	20	3.1
10.77358	259.895802	348.4	4.1	0.000121	0.00007	0	20	3.1
10.14467	261.502142	347.126466	5	0.000109	0.00006	0	20	3.1
14.0768	263.108481	346.213802	5.9	0.000122	0.00006	0	20	3.1
13.03392	265.54877	322.432678	6	0.000131	0.00007	0	20	3.1
14.93109	269.029151	346.2	5.9	0.000138	0.00008	0	20	3.1
16.77796	272.509532	345.412615	6.1	0.000163	0.00009	0	20	3.1
17.46006	275.989914	344.8	6.3	0.000175	0.00009	0	20	3.1
12.25016	279.470295	323.908162	6.8	0.000142	0.00007	0	20	3.1
11.12686	275.067917	343.3	8.4	0.000146	0.00006	0	20	3
9.35077	270.108514	343.3	8.8	0.000119	0.00006	0	20	3.1
10.69379	265.149111	342.015569	8.4	0.000104	0.00005	0	20	3.2
12.82261	260.189708	341.8	8.2	0.000111	0.00007	0	20	3.2
18.92797	257.384908	310.99585	7.6	0.000164	0.0001	0	20	3.2
18.26971	258.140631	340.4	7.2	0.000178	0.00011	0	20	3.2
13.45913	258.896355	340.4	7.6	0.00015	0.00008	0	20	3.2
9.51302	259.652078	339.7	8.6	0.000129	0.00006	0	20	3.1
13.08777	260.407802	315.105405	8.8	0.000143	0.00007	0	20	3.2
15.67785	260.882293	335.633333	9	0.000142	0.00009	0	20	3.2
16.21291	261.317707	338.203723	8.2	0.000119	0.00008	0	20	3.2
13.06362	261.75312	338.2	8.2	0.000115	0.00007	0	20	3.2
12.67038	262.188534	337.315303	8.7	0.000123	0.00007	0	20	3.2
11.91	262.397684	304.71727	9	0.000129	0.00007	0	20	3.2
11.18144	258.71921	336.520406	9	0.000118	0.00007	0	20	3.2
9.99251	255.040736	336	8.8	0.000103	0.00006	0	20	3.2
11.12618	251.362262	335.881868	8.4	0.000094	0.00006	0	20	3.2
11.0604	247.683787	321.818567	8	0.000086	0.00006	0	20	3.2
10.65316	251.477683	323.554242	7.3	0.000078	0.00006	0	20	3.2
14.81225	259.277502	333.863913	6.3	0.000095	0.00008	0	20	3.2

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163.198497	1	0.5549
152.94238	1	0.55508
140.261624	1	0.55524
127.580868	1	0.55534
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107	1	0.55558
107	1	0.55569
107	1	0.5558
107	1	0.55588
112.839466	1	0.55595
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133.497956	1	0.55618
137.225557	1	0.55624
128.397484	1	0.5563
119.569411	1	0.55636
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101.913264	1	0.55648
104.403226	1	0.55654
112.467742	1	0.5566
120.532258	1	0.55667
128.596774	1	0.55674
136.66129	1	0.55681
132.852947	1	0.55687
126.681422	1	0.55693
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114.33837	1	0.55705
110.793925	1	0.55711
124.082261	1	0.55717
137.370597	1	0.55723
150.658933	1	0.55729
163.947269	1	0.55737
167.613621	1	0.55745
156.480681	1	0.55752
145.347741	1	0.55758
134.2148	1	0.55764
123.08186	1	0.55771
119.196539	1	0.55779
116.978261	1	0.55788
114.759982	1	0.55797
112.541704	1	0.55804
110.606452	1	0.5581
109.316129	1	0.55816
108.025806	1	0.55821
106.735484	1	0.55828
105.445161	1	0.55838
102.088889	1	0.55849
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93.2	1	0.55863
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87.692308	1	0.55887
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92.354312	1	0.55901
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96.891818	1	0.55915
98.937273	1	0.55921
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103.028182	1	0.55933
105.2854	1	0.55939
113.213169	1	0.55947

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13:21:02.506	192.7	70.7	1345
13:21:03.506	192.7	64.4	1406
13:21:04.506	192.6	50	1358
13:21:05.506	192.5	22.5	1159
13:21:06.506	192.5	18.7	984
13:21:07.506	192.4	25.9	1046
13:21:08.506	192.3	18.8	785
13:21:09.506	192.3	20.2	776
13:21:10.506	192.2	22.6	787
13:21:11.506		27.7	783
13:21:12.506		27.6	720
13:21:13.506		28.3	683
13:21:14.506		29.9	677
13:21:15.506		34.2	684
13:21:16.506		35.8	727
13:21:17.506		33.2	695
13:21:18.506	192.7	32.2	674
13:21:19.506	192.8	34.2	686
13:21:20.506	192.8	34.2	684
13:21:21.506	192.9	39.9	802
13:21:22.506	193	49.3	900
13:21:23.506	193	59.2	1028
13:21:24.506	193.1	60.9	1191
13:21:25.506	193.2	49.1	1033
13:21:26.506	193.2	25.7	768
13:21:27.506	193.3	30.4	867
13:21:28.506	193.4	64	1147
13:21:29.506	193.4	72.5	1465
13:21:30.506	193.5	68.2	1556
13:21:31.506	193.6	58.8	1553
13:21:32.506	193.6	53.7	1609
13:21:33.506	193.7	76.9	1787
13:21:34.506	193.8	77	1734
13:21:35.506	193.8	31.2	1506
13:21:36.506	193.9	12.8	1247
13:21:37.506	194	0.2	981
13:21:38.506		9.9	905
13:21:39.506		11.5	872
13:21:40.506		12.1	830
13:21:41.506		13.1	799
13:21:42.506		13.9	792
13:21:43.506		15.2	792
13:21:44.506		40.1	1004
13:21:45.506		57.4	1445
13:21:46.506	192.4	45.4	1465
13:21:47.506	192.2	10.2	1257
13:21:48.506	192	43.2	1421
13:21:49.506	191.8	26.1	1216
13:21:50.506	191.6	58.5	1377
13:21:51.506	191.4	35.4	1386
13:21:52.506	191.2	45.8	1405
13:21:53.506	191	44.5	1402
13:21:54.506	190.9	27.3	1348
13:21:55.506	190.7	41.6	1406
13:21:56.506	190.5	35.8	1382
13:21:57.506	190.3	48.2	1460
13:21:58.506	190.1	26.1	1404
13:21:59.506	189.9	28.6	1343
13:22:00.506	189.7	50.1	1433
13:22:01.506	189.5	40.1	1407
13:22:02.506	189.3	42.8	1465
13:22:03.506	189.1	18.3	1382

19.30863	267.077322	333.657373	5.6	0.000152	0.00011	0	20	3.2
22.97187	274.877142	333.1	5.7	0.000227	0.00013	0	20	3.2
22.66871	280.185969	308.822493	6.4	0.000286	0.00013	0	20	3.1
20.77428	276.399777	332.081081	8.1	0.000283	0.00011	0	20	3.1
13.50017	272.613586	331.6	9.8	0.00018	0.00007	0	20	3.3
13.5596	268.827394	331.499468	10.8	0.000167	0.00008	0.00001	20	3.4
15.28576	265.041203	320.529968	10.7	0.000131	0.00007	0	20	3.4
7.70918	260.458996	325.075186	10.4	0.000096	0.00006	0	20	3.5
10.74664	255.574852	330.036005	10.2	0.00008	0.00006	0	20	3.5
11.09986	250.690709	328.980425	9.3	0.000073	0.00006	0	20	3.3
11.4489	245.806565	328.7	8.2	0.000065	0.00006	0	20	3.4
10.95139	242.414944	294.707393	7.7	0.000058	0.00006	0	20	3.4
10.53772	242.151613	327.526351	7.3	0.000056	0.00006	0	20	3.3
10.67673	241.888282	327.2	6.3	0.000056	0.00006	0	20	3.3
10.79257	241.624951	326.5	5.9	0.000061	0.00006	0	20	3.3
11.1564	241.361619	307.211667	5.5	0.000067	0.00006	0	20	3.3
10.13969	241.630814	321.80837	5.4	0.000067	0.00006	0	20	3.3
10.28466	242.062686	325.803763	5.4	0.000071	0.00006	0	20	3.4
10.91845	242.494558	325.50781	5.3	0.000078	0.00007	0	20	3.5
10.59478	242.926431	324.693717	5	0.000081	0.00007	0	20	3.6
15.51717	243.978137	285.79271	4.4	0.000103	0.00008	0	20	3.6
15.58662	249.001372	324.4	4.4	0.000124	0.0001	0	20	3.6
16.70492	254.024607	323.962985	4.6	0.000145	0.00011	0	20	3.6
15.74202	259.047842	322.8	4.9	0.000162	0.00011	0	20	3.6
14.23846	264.071078	318.923175	5.1	0.000132	0.00008	0	20	3.8
9.4415	270.022039	310.804156	6.4	0.000121	0.00008	0	20	4
14.79309	276.551323	322.1	7.9	0.000157	0.0001	0	20	4.2
17.74174	283.080607	321.328889	7.7	0.000207	0.00014	0	20	4.2
26.95982	289.609892	320.6	7.3	0.000317	0.00021	0	20	4.2
26.88119	296.16326	311.436022	8	0.000393	0.0002	0	20	4
24.41555	306.706668	319.786988	9.6	0.000397	0.00019	0	20	4
23.84937	317.250076	318.5	11.6	0.000373	0.00019	0	20	4
39.1303	327.793483	318.012407	12.8	0.000498	0.00026	0	20	4.1
47.06738	338.336891	317.8	13.1	0.000583	0.00029	0	20	4.1
30.73465	339.402222	326.401167	14.4	0.00046	0.00022	0	20	4.1
17.74476	325.454474	315.160426	16.7	0.000261	0.00014	0	20	4.1
15.41879	311.506727	314.8	18.2	0.000122	0.00008	0	20	4.2
6.46063	297.55898	314.05234	18.1	0.000077	0.00006	0	20	4.2
7.22963	283.611232	310.551001	17.7	0.000079	0.00008	0	20	4.3
13.24377	273.363217	304.87541	17.2	0.000075	0.0001	0	20	4.3
13.68938	266.449182	312.6	15.7	0.000061	0.0001	0	20	4.3
13.57635	259.535146	312.408247	14.6	0.000054	0.0001	0	20	4.3
13.47	252.621111	311.42743	14	0.000049	0.00009	0	20	4.2
12.97497	247.30839	279.846228	13.4	0.000058	0.00011	0	20	4.3
22.32911	248.957535	310.317359	12.8	0.000097	0.00015	0	20	4.2
21.21487	250.606679	309.481664	12.2	0.000139	0.00015	0	20	4.1
17.81884	252.255824	309	12.3	0.000162	0.00013	0	20	4
19.38858	253.904968	308.361001	12.9	0.000164	0.00013	0	20	4.1
13.63144	255.05869	288.228254	12.8	0.000128	0.00011	0	20	4.1
21.2094	255.233362	307.5	12.7	0.000144	0.00014	0	20	4.2
17.64323	255.408035	306.839901	12.6	0.000139	0.00014	0	20	4.2
16.8317	255.582707	306.647614	12.3	0.000143	0.00013	0	20	4.1
20.89063	255.75738	294.815185	12	0.000152	0.00012	0	20	4.1
15.74292	255.66491	302.64694	12.4	0.000148	0.00012	0	20	4.1
16.54466	255.486218	305.3	12.5	0.000152	0.00013	0	20	4.2
16.79134	255.307527	304.208738	12.6	0.000152	0.00013	0	20	4.2
18.45608	255.128836	304.038306	12.4	0.000165	0.00014	0	20	4.2
16.43143	254.802004	282.825893	12.5	0.000153	0.00013	0	20	4.2
15.30361	254.09234	302.828125	12.6	0.000141	0.00011	0	20	4.2
19.73855	253.382676	302.707083	12.7	0.000154	0.00014	0	20	4.2
16.96992	252.673012	301.6	12.7	0.000143	0.00013	0	20	4.2
19.90975	251.963348	299.942907	12.6	0.00016	0.00014	0	20	4.2
16.02043	249.347533	286.615641	12.4	0.000144	0.00012	0	20	4.2

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136.996477	1	0.55984
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92.546591	1	0.56017
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153.255605	1	0.56065
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175.924443	1	0.5609
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171.204752	1	0.56115
159.97365	1	0.56126
148.742549	1	0.56137
137.511447	1	0.56145
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130.885331	1	0.56218
133.895149	1	0.56237
141.073744	1	0.56256
148.252338	1	0.56282
155.430933	1	0.56311
162.609528	1	0.56333
152.423004	1	0.56347
133.566939	1	0.56355
114.710874	1	0.56361
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76.998743	1	0.56379
79.83461	1	0.56389
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96.058134	1	0.56419
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101.141626	1	0.56449
102.612524	1	0.56462
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105.554318	1	0.56486
104.474836	1	0.565
102.286652	1	0.56514
100.098468	1	0.56527
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96	1	0.56551
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96	1	0.56604
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98.702398	1	0.56642
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100.751998	1	0.56668

13:22:04.506	188.9	4.2	1130
13:22:05.506	188.7	13.1	941
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13:22:13.506		37	681
13:22:14.506	189.7	35.8	683
13:22:15.506	189.8	34.8	682
13:22:16.506	190	33.6	679
13:22:17.506	190.1	33.4	675
13:22:18.506	190.2	33.3	676
13:22:19.506	190.3	40.9	792
13:22:20.506	190.5	61.8	1098
13:22:21.506	190.6	64.4	1276
13:22:22.506	190.7	58.8	1260
13:22:23.506	190.9	58.9	1322
13:22:24.506	191	75.9	1656
13:22:25.506	191.1	43	1595
13:22:26.506	191.3	13.2	1385
13:22:27.506	191.4	3.4	1056
13:22:28.506	191.5	17.5	897
13:22:29.506	191.6	23.8	798
13:22:30.506	191.8	29.4	737
13:22:31.506	191.9	32	685
13:22:32.506	192	31	681
13:22:33.506	192.2	32.5	696
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13:22:35.506		41.9	850
13:22:36.506		54	1053
13:22:37.506		66.4	1271
13:22:38.506		68.1	1319
13:22:39.506		62	1481
13:22:40.506		17.5	1214
13:22:41.506	192.7	9.7	1006
13:22:42.506	192.8	13.6	922
13:22:43.506	192.8	12.2	858
13:22:44.506	192.9	14	801
13:22:45.506	193	17.8	785
13:22:46.506	193	23.7	795
13:22:47.506	193.1	24.9	793
13:22:48.506	193.2	30.4	753
13:22:49.506	193.2	33.5	706
13:22:50.506	193.3	34.7	690
13:22:51.506	193.4	34.8	682
13:22:52.506	193.4	34.9	681
13:22:53.506	193.5	39.1	729
13:22:54.506	193.6	57.6	1056
13:22:55.506	193.6	44.9	1156
13:22:56.506	193.7	21.3	785
13:22:57.506	193.7	19.3	688
13:22:58.506	193.8	22.5	674
13:22:59.506	193.9	27.2	668
13:23:00.506	193.9	33	676
13:23:01.506		35	687
13:23:02.506		35.8	680
13:23:03.506		36.3	679
13:23:04.506		35.9	675
13:23:05.506		36	677
13:23:06.506		35.6	681

10.64536	244.731823	300.487527	12.9	0.000103	0.00008	0	20	4.2
7.58044	240.116113	299.564758	13	0.000096	0.00008	0	20	4.2
10.96179	235.500402	299.358484	12.9	0.000082	0.00008	0	20	4.3
10.8527	230.884692	282.873288	11.2	0.000067	0.00008	0	20	4.3
10.87038	230.839133	295.096324	7.5	0.000058	0.00008	0	20	4.3
10.55453	232.197477	298.208927	7	0.000056	0.00007	0	20	4.3
10.49087	233.555821	298.2	5.1	0.000061	0.00007	0	20	4.2
10.40999	234.914166	297.723177	3.1	0.000068	0.00007	0	20	4.2
10.24053	236.155824	268.2302	3	0.000074	0.00007	0	20	4.2
10.50371	236.595385	297.344352	2.9	0.000079	0.00007	0	20	4.2
10.38	237.034945	296.8	3.1	0.000081	0.00007	0	20	4.1
10.59123	237.474505	296.198338	3.7	0.000084	0.00007	0	20	4.1
10.50423	237.914066	290.581944	3.9	0.000084	0.00007	0	20	4.1
10.37341	240.397014	284.515882	4.5	0.000084	0.00007	0	20	4
10.38	244.377975	295.5	4.7	0.000088	0.00007	0	20	4
10.26133	248.358936	295.5	4.8	0.000112	0.00009	0	20	4
18.77611	252.339896	295.150892	5	0.000162	0.00013	0	20	4
20.02356	256.320857	281.141835	5.4	0.000194	0.00014	0	20	4
18.62048	266.097555	294.7	5.9	0.000219	0.00013	0	20	4
20.15376	276.147352	294.7	6.8	0.000305	0.00017	0	20	4.1
38.16825	286.197148	294.069889	9.1	0.000443	0.00024	0	20	4.3
25.94392	296.246944	294.037853	9.8	0.000432	0.00022	0	20	4.3
17.7015	294.892175	295.514033	12.1	0.000211	0.00012	0	20	4.4
8.57789	283.704419	293.3	13.7	0.000127	0.00008	0	20	4.6
13.76821	272.516663	292.71025	13.9	0.000115	0.0001	0	20	4.7
10.85349	261.328907	292.853488	13.5	0.000083	0.00009	0	20	4.8
10.72392	250.141151	279.018681	11	0.000059	0.00008	0	20	4.7
10.1113	248.1637	291.246598	7.3	0.00005	0.00008	0	20	4.8
10.49775	247.232409	292	6.3	0.00005	0.00008	0	20	4.7
11.03956	246.301118	292	6.1	0.000061	0.00009	0	20	4.7
11.95454	245.369826	291.576277	5.6	0.000076	0.0001	0	20	4.6
12.69968	245.093856	270.8575	5.7	0.00009	0.0001	0	20	4.5
17.99219	254.091678	291.3	5.8	0.000138	0.00014	0	20	4.5
20.56072	263.089499	291.3	5.9	0.00018	0.00015	0	20	4.5
22.9947	272.08732	290.770796	6.2	0.000254	0.00018	0	20	4.5
25.22016	281.085142	291.130014	7.3	0.000287	0.00018	0	20	4.5
14.3746	281.120748	289.519925	9.8	0.000217	0.00013	0	20	4.8
8.40742	271.290387	290.6	11.3	0.000144	0.00009	0	20	4.9
14.58	261.460026	290.6	11.8	0.00015	0.00011	0	20	5
13.62981	251.629665	290.39453	11.4	0.000125	0.00012	0	20	5.1
13.43637	241.799304	274.682148	11.2	0.000092	0.00012	0	20	5.1
12.45794	238.104829	289.911841	10.1	0.000064	0.0001	0	20	5.1
10.16249	235.262949	289.3	8.7	0.000049	0.0001	0	20	5.1
10.99683	232.421068	288.929091	8.4	0.000045	0.00009	0	20	5
11.41709	229.579188	289.070105	7.7	0.000047	0.00009	0	20	4.9
11.17879	227.570586	259.016689	7.3	0.000049	0.00009	0	20	4.9
10.8833	228.93718	288.6	6.4	0.000052	0.00008	0	20	4.7
10.43137	230.303774	288.167315	4.9	0.000056	0.00008	0	20	4.7
10.37726	231.670369	288.50989	4	0.000063	0.00008	0	20	4.6
11.33837	233.036963	284.916119	3.9	0.000088	0.0001	0	20	4.5
18.93526	234.358035	276.005754	3.9	0.000138	0.00014	0	20	4.5
20.18701	235.64721	288.042241	4.2	0.000173	0.00015	0	20	4.5
13.87128	236.936386	287.793133	5.1	0.000163	0.00013	0	20	4.5
10.852	238.225561	287.2	6.6	0.000122	0.00009	0	20	4.6
10.30762	239.32456	266.00207	7.1	0.000102	0.00009	0	20	4.7
10.63755	238.476918	287.058313	6.9	0.000085	0.00008	0	20	4.8
10.99021	237.629276	286.807273	6.5	0.000075	0.00009	0	20	4.8
11.05191	236.781634	286.027139	5.6	0.000068	0.00009	0	20	4.8
10.42914	235.933993	284.738317	4.5	0.000065	0.00008	0	20	4.8
10.45013	235.561513	271.222611	3.7	0.000069	0.00008	0	20	4.8
10.43087	235.687563	285.8	1.4	0.000075	0.00008	0	20	4.8
10.61807	235.813613	285.262647	1	0.000081	0.00009	0	20	4.8
10.45198	235.939664	285.2	0.9	0.000082	0.00008	0	20	4.8

101.327359	1	0.56676
101.759231	1	0.56684
102.191103	1	0.56692
102.622976	1	0.567
104.955907	1	0.56708
120.356751	1	0.56715
135.757595	1	0.56722
151.158439	1	0.56729
166.559283	1	0.56736
175.913034	1	0.56743
175.688315	1	0.5675
175.463596	1	0.56757
175.238876	1	0.56764
175.014157	1	0.56771
182.271395	1	0.56778
190.031688	1	0.56787
197.791981	1	0.568
205.552274	1	0.56814
204.046667	1	0.56827
180.713333	1	0.56844
157.38	1	0.56868
134.046667	1	0.5689
110.713333	1	0.56902
106.861771	1	0.5691
107.941685	1	0.5692
109.021598	1	0.56929
110.101512	1	0.56937
113.232911	1	0.56945
126.524051	1	0.56953
139.81519	1	0.56962
153.106329	1	0.56972
166.397468	1	0.56982
168.206114	1	0.56996
154.668996	1	0.57011
141.131878	1	0.57029
127.59476	1	0.57047
114.057642	1	0.5706
102.786696	1	0.57069
91.921951	1	0.5708
81.057206	1	0.57092
70.192461	1	0.57104
68.680672	1	0.57114
85.487395	1	0.57124
102.294118	1	0.57133
119.10084	1	0.57142
135.907563	1	0.57151
148.999129	1	0.57159
157.711827	1	0.57167
166.424526	1	0.57175
175.137225	1	0.57185
183.849924	1	0.57199
175.934222	1	0.57214
165.489778	1	0.57227
155.045333	1	0.57236
144.600889	1	0.57245
142.223473	1	0.57253
153.700303	1	0.57262
165.177133	1	0.57271
176.653963	1	0.57279
188.130793	1	0.57287
190.36988	1	0.57295
189.529721	1	0.57304
188.689561	1	0.57312

13:23:07.506		35.3	680
13:23:08.506		35.3	681
13:23:09.506	194	35.3	680
13:23:10.506	194	35.3	680
13:23:11.506	194	35.9	678
13:23:12.506	194	35	681
13:23:13.506	194	34.7	688
13:23:14.506	194	33	681
13:23:15.506	194	30.7	676
13:23:16.506	194	30.6	677
13:23:17.506	194	30.6	681
13:23:18.506	194	30	680
13:23:19.506	194	30.2	680
13:23:20.506	194	30.4	678
13:23:21.506	194	30.1	679
13:23:22.506	194	29.8	681
13:23:23.506	194	29.8	679
13:23:24.506	194	30.1	680
13:23:25.506	194	29.8	680
13:23:26.506	194	30.1	679
13:23:27.506	194	30	679
13:23:28.506	194	30.2	679
13:23:29.506		30	679
13:23:30.506		32.9	679
13:23:31.506		41.5	819
13:23:32.506		45	912
13:23:33.506		52.1	1070
13:23:34.506		49.2	1170
13:23:35.506		40	988
13:23:36.506	194.5	28.8	680
13:23:37.506	194.6	27.1	661
13:23:38.506	194.6	28.2	661
13:23:39.506	194.7	28.9	671
13:23:40.506	194.7	30	674
13:23:41.506	194.8	30.5	680
13:23:42.506	194.9	30.7	678
13:23:43.506	194.9	33	682
13:23:44.506	195	33.4	690
13:23:45.506	195.1	32.9	678
13:23:46.506	195.1	32.1	675
13:23:47.506	195.2	32.9	678
13:23:48.506	195.3	32.9	715
13:23:49.506	195.3	34.7	722
13:23:50.506	195.4	34.1	722
13:23:51.506	195.5	35.4	767
13:23:52.506	195.5	41.1	831
13:23:53.506	195.6	33.1	811
13:23:54.506	195.7	27.4	687
13:23:55.506	195.7	29.8	656
13:23:56.506		31.7	672
13:23:57.506		32.9	682
13:23:58.506		32.9	676
13:23:59.506		39.9	808
13:24:00.506		50.8	944
13:24:01.506		51.1	966
13:24:02.506		50.6	975
13:24:03.506	195.8	48	982
13:24:04.506	195.8	37.5	903
13:24:05.506	195.8	22	711
13:24:06.506	195.8	27.2	668
13:24:07.506	195.8	31.1	668
13:24:08.506	195.8	34.1	689
13:24:09.506	195.8	33.3	685

10.39138	236.065714	277.205991	0.6	0.000083	0.00008	0	20	4.7
10.34769	236.005659	277.859948	0.6	0.000084	0.00008	0	20	4.7
10.46833	235.876069	284.5	0.7	0.000084	0.00008	0	20	4.6
10.31597	235.746479	284.5	0.6	0.000085	0.00008	0	20	4.6
10.54095	235.61689	284.5	0.6	0.000086	0.00008	0	20	4.6
10.58122	235.408818	262.064575	0.9	0.000088	0.00008	0	20	4.6
10.48237	234.478389	283.8	1.7	0.000087	0.00008	0	20	4.6
10.44645	233.547959	283.8	2.4	0.000084	0.00008	0	20	4.5
10.24595	232.61753	283.307841	2.8	0.000085	0.00008	0	20	4.5
10.60236	231.687101	283.1	2.9	0.000085	0.00008	0	20	4.5
10.38926	230.689105	264.895301	3.2	0.000083	0.00008	0	20	4.5
10.40423	229.575568	282.5	3.3	0.00008	0.00008	0	20	4.5
10.20252	228.462031	281.784776	3.3	0.000077	0.00008	0	20	4.5
10.41895	227.348493	281.7	3.3	0.000075	0.00008	0	20	4.5
10.29323	226.234956	270.302787	3.3	0.000074	0.00008	0	20	4.5
10.38753	225.231494	276.29067	3.3	0.000073	0.00008	0	20	4.5
10.2813	224.257468	281.7	3.3	0.000073	0.00008	0	20	4.5
10.32978	223.283442	281.4239	3.3	0.000072	0.00008	0	20	4.4
10.33681	222.309416	281	3.3	0.000072	0.00008	0	20	4.4
10.2847	221.406382	251.289691	3.3	0.000072	0.00008	0	20	4.4
10.19039	220.852426	280.3	3.3	0.000071	0.00008	0	20	4.4
10.31385	220.298471	280.3	3.3	0.000071	0.00008	0	20	4.5
10.30791	219.744516	280.250714	3.3	0.000071	0.00008	0	20	4.5
10.36	219.190561	270.179247	3.3	0.000075	0.00008	0	20	4.4
14.95283	220.792813	271.953955	3.3	0.000096	0.00011	0	20	4.4
14.78983	223.525759	279.08266	3.4	0.000103	0.00011	0	20	4.4
14.75027	226.258705	279	3.5	0.00011	0.00011	0	20	4.4
13.05213	228.991651	278.680532	3.9	0.000117	0.00011	0	20	4.4
12.71436	231.679744	261.007935	5	0.000106	0.00009	0	20	4.4
9.10843	229.429082	278.3	5.7	0.000096	0.00008	0	20	4.4
9.65087	227.17842	278.088801	6.1	0.000088	0.00007	0	20	4.4
10.24284	224.927758	277.6	6	0.000086	0.00008	0	20	4.5
10.55374	222.677096	275.78908	5.9	0.000083	0.00008	0	20	4.5
10.49041	221.437071	262.689427	5.8	0.000078	0.00008	0	20	4.5
10.48869	221.305145	277.196628	5.7	0.000074	0.00008	0	20	4.5
10.42487	221.173219	277	5.7	0.000072	0.00008	0	20	4.5
10.60117	221.041293	276.744839	5.8	0.000074	0.00008	0	20	4.4
10.70099	220.909367	258.821641	5.5	0.000075	0.00008	0	20	4.4
10.42055	220.9	277	4.9	0.000074	0.00008	0	20	4.4
10.25797	220.9	276.679051	4.9	0.000074	0.00008	0	20	4.4
10.29614	220.9	276.3	4.9	0.000077	0.00008	0	20	4.4
10.98623	220.9	275.384646	5.1	0.000083	0.00008	0	20	4.3
10.61095	221.278397	263.582576	5.3	0.000084	0.00008	0	20	4.3
10.94155	221.992354	274.832432	5.5	0.000085	0.00008	0	20	4.3
11.74668	222.70631	275.376471	5.7	0.000098	0.00009	0	20	4.3
12.58208	223.420267	275.335433	5.9	0.000102	0.0001	0	20	4.3
11.40891	223.815686	250.402632	6.1	0.000092	0.00009	0	20	4.3
9.61663	222.835294	274.8	6.3	0.000083	0.00008	0	20	4.3
9.93619	221.854902	274.8	6.6	0.00008	0.00007	0	20	4.3
10.68044	220.87451	274.8	6.5	0.000082	0.00008	0	20	4.2
10.43758	219.894118	267.296094	5.9	0.000078	0.00008	0	20	4.2
10.35275	221.390698	265.832237	5.7	0.000081	0.00008	0	20	4.2
13.53191	223.948837	273.558333	5.2	0.000101	0.0001	0	20	4.2
14.66502	226.506977	274.052062	5.4	0.000113	0.00011	0	20	4.2
14.31675	229.065116	273.822565	5.7	0.000117	0.0001	0	20	4.2
13.87232	231.623256	258.154286	6.3	0.000121	0.0001	0	20	4.1
13.05333	229.861872	273.5	7	0.000126	0.0001	0	20	4.1
9.58309	227.966895	273.178975	7.5	0.000104	0.00008	0	20	4.1
9.42829	226.071918	273.405294	7.9	0.000094	0.00007	0	20	4.2
9.45563	224.176941	267.125676	8	0.000092	0.00007	0	20	4.2
10.3034	223.229556	262.075	7.1	0.000092	0.00007	0	20	4.2
10.65561	222.940667	272.8	5.8	0.000088	0.00008	0	20	4.2
10.46325	222.651778	272.1	5.1	0.000081	0.00007	0	20	4.2

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187.009242	1	0.57328
185.502164	1	0.57336
183.987668	1	0.57344
182.473172	1	0.57352
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179.446097	1	0.57368
177.936826	1	0.57376
176.427555	1	0.57384
174.918284	1	0.57392
173.409013	1	0.574
172.843562	1	0.57408
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172	1	0.5744
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172	1	0.57504
171.652877	1	0.57515
159.683116	1	0.57526
147.713356	1	0.57537
135.743595	1	0.57548
123.773835	1	0.57557
115.964334	1	0.57565
119.576072	1	0.57572
123.18781	1	0.5758
126.799549	1	0.57588
130.411287	1	0.57596
138.194842	1	0.57604
146.790831	1	0.57612
155.386819	1	0.5762
163.982808	1	0.57628
170.478142	1	0.57636
172.071949	1	0.57644
173.665756	1	0.57652
175.259563	1	0.5766
176.85337	1	0.57668
176.795403	1	0.57676
176.570077	1	0.57685
176.34475	1	0.57695
176.119423	1	0.57704
174.015114	1	0.57712
169.791954	1	0.57719
165.568793	1	0.57727
161.345632	1	0.57735
157.122472	1	0.57743
159.092222	1	0.57753
161.24693	1	0.57764
163.401638	1	0.57774
165.556346	1	0.57784
161.598655	1	0.57794
145.230942	1	0.57802
128.863229	1	0.57809
112.495516	1	0.57816
96.127803	1	0.57823
106.757165	1	0.57831
121.420573	1	0.57838

13:24:10.506	195.8	33.3	675
13:24:11.506	195.8	32.7	675
13:24:12.506	195.8	32.3	675
13:24:13.506	195.8	33.5	679
13:24:14.506	195.8	34.1	687
13:24:15.506	195.8	35	684
13:24:16.506	195.8	35.3	679
13:24:17.506	195.8	35.7	676
13:24:18.506	195.8	35.2	681
13:24:19.506	195.8	35.6	681
13:24:20.506	195.8	34.9	680
13:24:21.506	195.8	37.7	726
13:24:22.506	195.8	40.3	762
13:24:23.506		39.1	778
13:24:24.506		36.7	725
13:24:25.506		29.9	666
13:24:26.506		32.2	669
13:24:27.506		33.6	682
13:24:28.506		34	681
13:24:29.506		33.3	681
13:24:30.506		37	722
13:24:31.506	194.7	55	933
13:24:32.506	194.6	65.9	1200
13:24:33.506	194.5	58.7	1194
13:24:34.506	194.3	58.2	1077
13:24:35.506	194.2	58.4	1201
13:24:36.506	194.1	55.1	1295
13:24:37.506	194	38.2	1242
13:24:38.506	193.8	37	1242
13:24:39.506	193.7	36	1232
13:24:40.506	193.6	12.3	1039
13:24:41.506	193.4	13.2	935
13:24:42.506	193.3	37.4	1084
13:24:43.506	193.2	34	1122
13:24:44.506	193.1	30	1076
13:24:45.506	192.9	33.3	1060
13:24:46.506	192.8	23.6	914
13:24:47.506	192.7	20.3	808
13:24:48.506	192.5	25.9	774
13:24:49.506	192.4	32.3	723
13:24:50.506	192.3	33.8	686
13:24:51.506		36.5	688
13:24:52.506		36.2	685
13:24:53.506		35.2	679
13:24:54.506		36.6	678
13:24:55.506		36.9	679
13:24:56.506		35.8	681
13:24:57.506		35.7	680
13:24:58.506		35.7	678
13:24:59.506	192.2	36.1	680
13:25:00.506	192.2	35.5	680
13:25:01.506	192.2	38.3	679
13:25:02.506	192.2	43.9	731
13:25:03.506	192.2	50.1	922
13:25:04.506	192.2	61.7	1103
13:25:05.506	192.2	69.4	1419
13:25:06.506	192.2	37.3	1608
13:25:07.506	192.2	12.7	1116
13:25:08.506	192.2	16.3	745
13:25:09.506	192.2	20.2	670
13:25:10.506	192.2	27.1	661
13:25:11.506	192.2	32.6	669
13:25:12.506	192.2	35.1	684

10.29416	222.362889	272.1	4.7	0.000077	0.00007	0	20	4.2
10.35655	222.088003	249.472765	4.7	0.000078	0.00007	0	20	4.2
10.24029	221.954699	271.977256	4.9	0.000079	0.00007	0	20	4.2
10.51162	221.821395	271.5	5.1	0.000081	0.00007	0	20	4.2
10.87559	221.688092	271.5	5.2	0.000085	0.00008	0	20	4.2
10.54492	221.554788	268.856135	5	0.000083	0.00007	0	20	4.1
10.4151	221.760256	260.883333	4.4	0.000082	0.00007	0	20	4.1
10.61141	222.202116	270.8	3.9	0.000082	0.00007	0	20	4.1
10.55411	222.643977	270.8	3.7	0.000084	0.00007	0	20	4.1
10.37123	223.085837	270.8	3.6	0.000085	0.00007	0	20	4
10.45646	223.437704	250.769514	3.8	0.000086	0.00007	0	20	4
10.88289	223.568167	270.1	4	0.000097	0.00008	0	20	3.9
11.46268	223.69863	270.1	4.4	0.000097	0.00008	0	20	3.9
12.01325	223.829093	270.030083	4.7	0.000097	0.00008	0	20	4
11.06879	223.959556	261.46875	5.2	0.000088	0.00007	0	20	4
9.97495	223.546726	262.585197	5.5	0.000085	0.00007	0	20	4
10.62915	222.889807	269.5	5.8	0.000088	0.00007	0	20	4
10.50833	222.232888	269.009542	5.6	0.000086	0.00007	0	20	4
10.45624	221.575969	269.151876	5.2	0.000083	0.00007	0	20	4
10.34529	220.919051	251.210166	5.1	0.000081	0.00007	0	20	4
11.31185	226.155692	268	5	0.000092	0.00008	0	20	4
16.61588	231.568352	267.807246	5	0.000135	0.00012	0	20	4
19.75859	236.981011	267.3	5.3	0.000169	0.00013	0	20	4
17.8683	242.39367	267.3	5.8	0.000169	0.00012	0	20	4
14.6116	245.237392	260.761024	7.1	0.000178	0.00011	0	20	4
17.97815	245.512175	266.7	8.5	0.000208	0.00012	0	20	4
18.57296	245.786958	266.7	9.1	0.00021	0.00013	0	20	4
15.50471	246.061742	266.559167	9.7	0.000195	0.00011	0	20	4
14.60417	246.336525	261.521944	10.6	0.00018	0.00011	0	20	4
14.23482	242.302039	264.976765	11	0.000162	0.0001	0	20	4.1
10.79587	236.973092	265.3	11.1	0.000124	0.00009	0	20	4.1
13.26	231.644145	265.3	11.1	0.000123	0.00009	0	20	4.1
14.08918	226.315197	264.829158	10.8	0.00011	0.0001	0	20	4.1
14.93549	221.544475	244.656018	10.2	0.000089	0.0001	0	20	4.2
12.74638	218.886459	264.410862	9.8	0.000081	0.00009	0	20	4.2
12.12626	216.228443	263.632959	9.9	0.000079	0.00009	0	20	4.2
8.49624	213.570427	263.3	9.8	0.000073	0.00008	0	20	4.2
10.97835	210.912411	263.3	9.6	0.000076	0.00008	0	20	4.2
11.35783	209.709446	245.197172	9.2	0.000072	0.00008	0	20	4.2
11.18158	210.427418	262.07062	8.3	0.000066	0.00008	0	20	4.2
10.88845	211.145389	261.8	7	0.000061	0.00008	0	20	4.2
10.9095	211.863361	261.8	5.6	0.000061	0.00007	0	20	4.2
10.60325	212.581333	244.363945	4.6	0.000063	0.00007	0	20	4.2
10.56672	213.492461	261.2	3.8	0.000067	0.00007	0	20	4.2
10.41579	214.408746	261.100257	1.4	0.000073	0.00007	0	20	4.1
10.45472	215.325031	260.5	0.4	0.000078	0.00007	0	20	4.1
10.32211	216.241316	260.5	0	0.000081	0.00007	0	20	4.1
10.31352	217.076444	238.778203	0	0.000083	0.00007	0	20	4.1
10.45806	217.520889	259.552548	0.1	0.000084	0.00007	0	20	4.1
10.4632	217.965333	259.1	0.6	0.000086	0.00007	0	20	4.1
10.48075	218.409778	259.1	0.7	0.000086	0.00007	0	20	4.1
10.50873	218.854222	252.667292	0.7	0.000087	0.00007	0	20	4
12.93964	223.610609	254.139175	0.7	0.000101	0.00008	0	20	4
15.33101	230.471635	258.568936	1.1	0.000128	0.0001	0	20	4
17.78415	237.332661	258.5	2	0.000176	0.00014	0	20	4
21.10323	244.193687	258.029862	3.2	0.000237	0.00016	0	20	4
25.18396	249.705857	254.303036	4.7	0.000288	0.00016	0	20	3.8
15.28727	244.304555	256.973498	6.7	0.000205	0.00011	0	20	3.8
11.02892	238.903254	256.5	8.1	0.000139	0.00008	0	20	3.9
9.78758	233.501952	256.5	8.2	0.000106	0.00007	0	20	3.9
9.9415	228.100651	255.807527	8.6	0.000083	0.00007	0	20	3.9
10.11724	225.192013	247.191327	7.9	0.000067	0.00007	0	20	4
10.24849	224.77604	255.26384	5.8	0.00006	0.00007	0	20	4

136.083981	1	0.57845
150.747389	1	0.57852
160.997073	1	0.57859
163.699167	1	0.57866
166.401261	1	0.57874
169.103355	1	0.57881
171.805449	1	0.57888
173.27765	1	0.57895
174.654429	1	0.57902
176.031207	1	0.57909
177.407985	1	0.57916
177.504456	1	0.57924
176.635079	1	0.57932
175.765703	1	0.5794
174.896327	1	0.57947
174.026951	1	0.57954
172.744276	1	0.57961
171.44838	1	0.57968
170.152484	1	0.57975
168.856587	1	0.57982
166.368053	1	0.5799
161.554048	1	0.58002
156.740044	1	0.58015
151.926039	1	0.58027
147.112035	1	0.58038
135.227371	1	0.5805
121.21875	1	0.58063
107.210129	1	0.58074
93.201509	1	0.58085
81.471512	1	0.58095
85.126639	1	0.58104
88.781767	1	0.58113
92.436895	1	0.58123
96.092023	1	0.58133
97.799958	1	0.58142
97.381461	0	0.58151
96.962963	0	0.58159
96.544465	0	0.58167
96.125968	0	0.58175
108.386945	0	0.58183
126.107896	0	0.58191
143.828847	0	0.58198
161.549798	0	0.58205
175.153928	0	0.58212
175.792634	0	0.58219
176.431339	0	0.58226
177.070045	0	0.58233
177.70875	0	0.5824
177.638298	0	0.58247
176.973404	0	0.58254
176.308511	0	0.58261
175.643617	0	0.58268
174.579582	0	0.58276
161.441525	0	0.58286
148.303468	0	0.583
135.16541	0	0.58316
122.027353	0	0.58332
113.579004	0	0.58343
112.496753	0	0.58351
111.414502	0	0.58358
110.332251	0	0.58365
109.25	0	0.58372
118.939129	0	0.58379

13:25:13.506	192.2	35.7	685
13:25:14.506	192.2	35.4	680
13:25:15.506	192.2	34.9	679
13:25:16.506	192.2	34.9	681
13:25:17.506	192.2	34.8	681
13:25:18.506	192.2	37.6	707
13:25:19.506		43.6	814
13:25:20.506		53.4	1076
13:25:21.506		62.9	1168
13:25:22.506		50.3	1121
13:25:23.506		45.9	1083
13:25:24.506		52.5	1171
13:25:25.506		64	1362
13:25:26.506	193.7	27.8	1178
13:25:27.506	193.9	13.2	946
13:25:28.506	194.1	15	855
13:25:29.506	194.3	20.1	777
13:25:30.506	194.5	27.7	769
13:25:31.506	194.7	29.4	735
13:25:32.506	194.9	43.3	873
13:25:33.506	195.1	62.7	1171
13:25:34.506	195.3	69.8	1411
13:25:35.506	195.5	69.4	1498
13:25:36.506	195.7	47.6	1457
13:25:37.506	195.9	36.8	1432
13:25:38.506	196	36.8	1432
13:25:39.506	196.2	38.9	1443
13:25:40.506	196.4	44	1470
13:25:41.506	196.6	23.8	1380
13:25:42.506	196.8	9.1	1167
13:25:43.506	197	18.1	1283
13:25:44.506	197.2	19.5	1178
13:25:45.506	197.4	16.4	1048
13:25:46.506		16	893
13:25:47.506		40.8	1148
13:25:48.506		33.8	1131
13:25:49.506		33.8	1090
13:25:50.506		48.7	1145
13:25:51.506		52.6	1253
13:25:52.506		53.6	1318
13:25:53.506		52.2	1377
13:25:54.506		48.2	1409
13:25:55.506	195.9	27.4	1284
13:25:56.506	195.7	55	1435
13:25:57.506	195.5	69.5	1594
13:25:58.506	195.3	72.6	1741
13:25:59.506	195.1	62.7	1690
13:26:00.506	194.9	32.1	1418
13:26:01.506	194.7	3	1072
13:26:02.506	194.5	5.4	970
13:26:03.506	194.3	9.8	932
13:26:04.506	194.2	12.9	887
13:26:05.506	194	44.7	1174
13:26:06.506	193.8	49.5	1213
13:26:07.506	193.6	43	1231
13:26:08.506	193.4	55.6	1303
13:26:09.506	193.2	48.9	1302
13:26:10.506	193	42	1284
13:26:11.506	192.8	23	1081
13:26:12.506	192.6	11.9	952
13:26:13.506	192.4	12.9	900
13:26:14.506	192.3	12.2	859
13:26:15.506		13.9	801

10.26973	224.360067	255.748052	5.1	0.00006	0.00007	0	20	4
10.60547	223.944093	254.856734	4.9	0.000065	0.00007	0	20	3.9
10.44	223.52812	248.927955	4.4	0.000071	0.00007	0	20	3.9
10.3947	223.976543	249.658893	4.2	0.000076	0.00007	0	20	3.9
10.33102	224.809699	254.3	4.1	0.00008	0.00007	0	20	3.9
11.61055	225.642854	254.140658	4.2	0.000091	0.00008	0	20	3.8
14.4194	226.476009	253.6	4.6	0.000116	0.00009	0	20	3.8
17.09113	227.341117	243.621222	4.9	0.000143	0.00011	0	20	3.8
18.55321	231.079014	253	5.4	0.000165	0.00012	0	20	3.8
16.75667	234.816911	253	6.3	0.000167	0.0001	0	20	3.7
13.75183	238.554807	252.517638	7.6	0.000163	0.00009	0	20	3.7
16.96911	242.292704	252.07717	8.7	0.000192	0.00011	0	20	3.7
20.4117	241.697901	250.178757	9.2	0.000218	0.00012	0	20	3.7
12.35782	237.834569	251.6	9.7	0.00015	0.00008	0	20	3.7
9.04046	233.971237	251.6	10.6	0.000133	0.00007	0	20	3.8
14.69756	230.107905	251.6	11.1	0.000153	0.00009	0	20	3.8
12.81422	226.665422	240.177215	10.3	0.000122	0.00009	0	20	3.8
10.57617	227.376533	250.871307	9	0.000086	0.00008	0	20	3.9
10.70848	228.087644	250.3	7.9	0.000074	0.00008	0	20	4
14.15345	228.798756	250.3	6.9	0.000085	0.0001	0	20	4
20.06682	229.509867	248.136111	6.6	0.000129	0.00013	0	20	4
25.39127	233.089592	245.45	6.6	0.000226	0.00016	0	20	3.9
24.48014	238.646335	250.16	7.2	0.0003	0.00017	0	20	3.9
17.95321	244.203078	249.550549	9.4	0.000291	0.00014	0	20	3.9
17.0786	249.75982	249	11.2	0.000257	0.00013	0	20	4
16.64553	255.316563	251.0825	12.4	0.000215	0.00012	0	20	4
16.76767	250.405	249.079481	12.8	0.000181	0.00012	0	20	4
17.52768	244.495909	248.3	12.9	0.000164	0.00012	0	20	4
16.71366	238.586818	248.3	13	0.000145	0.00011	0.00001	20	3.9
14.39625	232.677727	247.721201	13.1	0.000129	0.0001	0	20	3.9
14.39339	227.469736	239.697406	13.1	0.000113	0.0001	0	20	3.9
14.16358	223.953476	247.6	12.5	0.000094	0.00009	0	20	4
12.33726	220.437215	247.6	11.9	0.000077	0.00009	0	20	4
8.07171	216.920955	247.086501	11.4	0.000067	0.00008	0	20	4
15.85928	213.404695	247	10.8	0.00007	0.0001	0	20	4
14.54584	212.774942	233.988077	10.2	0.000066	0.00009	0	20	4
13.52506	216.997305	246.723617	9.9	0.000072	0.00009	0	20	4
14.36297	221.219669	246.4	10	0.000091	0.0001	0	20	4
18.41012	225.442033	246.292834	10	0.00012	0.00012	0	20	4
16.9303	229.664396	243.460905	10	0.000141	0.00012	0	20	3.9
20.33265	232.940924	243.943388	10.4	0.00019	0.00013	0	20	4
17.9645	235.730203	245.8	11.2	0.000203	0.00013	0	20	4
14.63561	238.519481	245.8	11.9	0.000194	0.00012	0	20	4
20.69646	241.30876	245.379239	12.3	0.000233	0.00016	0	20	4
28.57524	244.376887	244.5725	12.3	0.000303	0.00019	0	20	3.9
42.4505	251.093608	244.584894	12.4	0.000514	0.00026	0	20	3.8
49.98634	257.810329	245.1	13.5	0.000585	0.00027	0	20	3.9
29.66342	264.52705	244.778182	15.1	0.000421	0.00021	0	20	3.9
21.42241	271.24377	244.5	16.5	0.000211	0.00012	0	20	4
7.30321	276.104251	260.554626	17	0.000105	0.00007	0	20	4.1
6.29855	269.840268	244.300425	18.4	0.00007	0.00006	0	20	4.2
9.43682	263.576286	243.9	18.5	0.000067	0.00007	0	20	4.2
15.57977	257.312304	243.9	18.5	0.000081	0.00011	0	20	4.2
16.00242	251.048322	244.739463	17.7	0.000081	0.00011	0	20	4.2
17.05555	248.808884	244.772885	15.9	0.000114	0.00013	0	20	4.1
17.17362	248.524909	243.9	16	0.000145	0.00013	0	20	4
17.02331	248.240933	243.3	16.1	0.000168	0.00012	0	20	4
19.14001	247.956957	243.3	16.3	0.000182	0.00012	0	20	4
11.96745	247.672982	244.196072	17	0.000129	0.00008	0	20	3.9
7.94884	242.605316	243.643871	17.3	0.000107	0.00007	0	20	3.8
7.88125	235.882996	243.243158	17.1	0.000103	0.00007	0	20	3.7
13.40912	229.160677	242.5	16.5	0.000111	0.00009	0	20	3.6
13.11806	222.438357	242.5	15.9	0.000086	0.00008	0	20	3.6

131.863873	0	0.58386
144.788618	0	0.58393
157.713363	0	0.584
170.638107	0	0.58407
174.516493	0	0.58414
178.134284	0	0.58422
181.752075	0	0.58431
185.369866	0	0.58442
182.387387	0	0.58454
161.828367	0	0.58464
141.269346	0	0.58473
120.710326	0	0.58484
100.151305	0	0.58496
92.392826	0	0.58504
85.393701	0	0.58511
78.394576	0	0.5852
71.395451	0	0.58529
77.914425	0	0.58537
107.254279	0	0.58545
136.594132	0	0.58555
165.933985	0	0.58568
195.273839	0	0.58584
176.500958	0	0.58601
150.72886	0	0.58615
124.956763	0	0.58628
99.184665	0	0.5864
77.691039	0	0.58652
75.955305	0	0.58664
74.21957	0	0.58675
72.483836	0	0.58685
70.748102	0	0.58695
74.042834	0	0.58704
81.14799	0	0.58713
88.253147	0	0.58721
95.358303	0	0.58731
102.463459	0	0.5874
105.836876	0	0.58749
107.138395	0	0.58759
108.439913	0	0.58771
109.741432	0	0.58783
111.119336	0	0.58796
114.735588	0	0.58809
118.35184	0	0.58821
121.968092	0	0.58837
125.584344	0	0.58856
124.073044	0	0.58882
112.244864	0	0.58909
100.416684	0	0.5893
88.588504	0	0.58942
76.760324	0	0.58949
77.173961	0	0.58955
89.208972	0	0.58962
101.243982	0	0.58973
113.278993	0	0.58984
125.314004	0	0.58997
119.000412	0	0.5901
111.577732	0	0.59022
104.155052	0	0.59034
96.732371	0	0.59042
89.698899	0	0.59049
86.461256	0	0.59056
83.223613	0	0.59065
79.98597	0	0.59073

13:26:16.506		13.6	824
13:26:17.506		14.4	864
13:26:18.506		18.4	802
13:26:19.506		23.3	780
13:26:20.506		33.1	726
13:26:21.506		33.9	696
13:26:22.506		35.6	683
13:26:23.506	192.8	36.4	682
13:26:24.506	192.8	36.1	682
13:26:25.506	192.9	36.2	678
13:26:26.506	193	36.5	678
13:26:27.506	193	37	681
13:26:28.506	193.1	40.6	718
13:26:29.506	193.2	57.1	903
13:26:30.506	193.2	61.1	1205
13:26:31.506	193.3	50.9	1126
13:26:32.506	193.3	52.6	1045
13:26:33.506	193.4	54.3	1134
13:26:34.506	193.5	50.2	1106
13:26:35.506	193.5	42.7	1076
13:26:36.506	193.6	46.2	1110
13:26:37.506	193.7	48.8	1162
13:26:38.506	193.7	41	1142
13:26:39.506	193.8	25.4	962
13:26:40.506	193.9	17.4	851
13:26:41.506	193.9	18.8	800
13:26:42.506	194	20	795
13:26:43.506		21.5	794
13:26:44.506		23.3	794
13:26:45.506		28	777
13:26:46.506		33.9	718
13:26:47.506		35.7	695
13:26:48.506		35.9	686
13:26:49.506		35.7	680
13:26:50.506	195.1	36.9	679
13:26:51.506	195.2	35.9	683
13:26:52.506	195.3	36.4	679
13:26:53.506	195.5	36.5	679
13:26:54.506	195.6	36.1	680
13:26:55.506	195.7	40.8	716
13:26:56.506	195.9	45.7	857
13:26:57.506	196	55	1081
13:26:58.506	196.1	61.7	1329
13:26:59.506	196.3	61.3	1553
13:27:00.506	196.4	41.7	1415
13:27:01.506	196.5	49.4	1289
13:27:02.506	196.7	25.6	1126
13:27:03.506	196.8	19.5	938
13:27:04.506	196.9	19.6	881
13:27:05.506	197.1	38.2	1051
13:27:06.506	197.2	48.8	1128
13:27:07.506	197.3	52.7	1196
13:27:08.506	197.5	52	1265
13:27:09.506	197.6	55.5	1346
13:27:10.506		15.6	1122
13:27:11.506		11.5	949
13:27:12.506		12.5	869
13:27:13.506		19.8	940
13:27:14.506		23.5	832
13:27:15.506		22.6	793
13:27:16.506		27	781
13:27:17.506	198.1	34.4	721
13:27:18.506	198.2	34.4	695

11.90536	216.534245	230.285798	15	0.000063	0.00007	0	20	3.6
11.69693	214.095738	241.9	13.7	0.000052	0.00007	0	20	3.7
11.8593	211.657231	242.152468	12.4	0.000047	0.00007	0	20	3.7
11.64474	209.218723	242.5	12	0.000042	0.00007	0	20	3.7
11.21946	206.780216	240.685014	10	0.000039	0.00007	0	20	3.7
11.03851	206.46162	230.862791	7.6	0.000039	0.00007	0	20	3.7
10.80389	208.486082	241.3	6.9	0.000044	0.00007	0	20	3.7
10.53114	210.510544	241.825109	4.7	0.00005	0.00006	0	20	3.6
10.24	212.535006	241.814194	3.7	0.000058	0.00006	0	20	3.6
10.32944	214.559469	237.188608	2.8	0.000065	0.00006	0	20	3.6
10.38327	217.320251	237.906435	2.5	0.000072	0.00006	0	20	3.6
10.62839	220.349243	241.3	2.9	0.000077	0.00006	0	20	3.6
11.46091	223.378235	241.3	3.3	0.000091	0.00007	0	20	3.6
16.78779	226.407226	241.3	3.8	0.000137	0.0001	0	20	3.6
20.75865	229.422716	235.69776	4	0.000176	0.00012	0	20	3.6
15.20514	232.330072	241.3	4.5	0.000163	0.0001	0	20	3.6
14.05481	235.237427	241.3	5.8	0.000159	0.00009	0	20	3.6
12.80949	238.144782	241.3	6.5	0.000161	0.00009	0	20	3.6
13.3275	241.052137	241.3736	8.5	0.00015	0.00008	0	20	3.6
12.205	241.47617	241.634541	9	0.00014	0.00008	0	20	3.6
13.4912	239.436668	241.3	9.3	0.000146	0.00009	0	20	3.6
15.33369	237.397166	240.638034	9.4	0.000149	0.00009	0	20	3.6
13.96494	235.357664	241.3	9.5	0.000125	0.00008	0	20	3.7
8.36171	233.318162	238.975101	9.9	0.000109	0.00007	0	20	3.7
11.91002	228.892119	240.611667	10.2	0.000111	0.00007	0	20	3.7
11.47584	224.024961	241.115455	10	0.000104	0.00007	0.00001	20	3.7
11.6888	219.157803	240.6	9.6	0.000091	0.00008	0	20	3.8
11.79135	214.290645	240.6	9.3	0.000077	0.00008	0	20	3.8
11.74848	211.266957	229.901471	8.3	0.000067	0.00008	0	20	3.8
11.47044	211.450401	241.026123	7.8	0.00006	0.00008	0	20	3.8
11.52	211.633845	240.605193	7.5	0.000056	0.00007	0	20	3.8
11.22158	211.81729	240.6	6.7	0.000054	0.00007	0	20	3.9
10.46654	212.004142	229.93	5	0.000056	0.00007	0	20	3.8
10.39914	213.039553	240.6	3	0.000061	0.00007	0	20	3.8
10.39596	214.074964	240.6	1.3	0.000068	0.00007	0	20	3.8
10.37642	215.110375	240.6	0.4	0.000073	0.00007	0	20	3.8
10.21387	216.145786	240.6	0	0.000077	0.00007	0	20	3.8
10.35324	217.369718	229.011795	0	0.00008	0.00007	0	20	3.8
10.55025	219.482394	240.6	0.1	0.000084	0.00007	0	20	3.8
11.41	221.59507	240.6	0.4	0.0001	0.00008	0	20	3.8
15.41165	223.707746	240.6	1	0.000121	0.00009	0	20	3.8
17.25495	225.820423	236.359509	1.9	0.000149	0.00011	0	20	3.8
19.41267	232.35167	241.045	3	0.000188	0.00013	0	20	3.8
24.37003	239.293386	241.3	4.4	0.000272	0.00016	0	20	3.7
24.25649	246.235102	241.3	6.1	0.000285	0.00015	0	20	3.7
17.72062	253.176817	241.758866	7.8	0.000245	0.00013	0	20	3.8
13.51	255.853307	247.742045	9.1	0.000173	0.0001	0	20	3.8
9.48289	250.024885	241.9	10.2	0.000136	0.00008	0	20	3.9
12.44095	244.196464	241.9	10.5	0.000131	0.00009	0	20	4
13.44746	238.368042	241.9	10	0.000114	0.0001	0	20	4.1
15.50802	232.53962	239.375378	9.5	0.000103	0.0001	0	20	4.1
15.72554	232.184917	240.669072	9.2	0.000112	0.00011	0	20	4.1
17.29304	233.625709	241.366368	9.5	0.000139	0.00012	0	20	4
18.31618	235.066502	241.9	10.1	0.000175	0.00013	0	20	4
11.75697	236.507294	241.425806	10.7	0.000139	0.00009	0	20	4
12.28971	235.698945	240.110169	11.3	0.000151	0.00009	0	20	4
13.51867	229.907772	241.631429	11.3	0.000136	0.0001	0	20	4
12.16363	224.116598	241.720942	10.7	0.000098	0.00008	0	20	4.1
11.6696	218.325425	241.9	10	0.000073	0.00008	0	20	4.1
11.07996	212.534252	237.009375	9.4	0.00006	0.00008	0	20	4
11.27	210.981326	238.028316	8.8	0.000055	0.00008	0	20	4
11.53096	211.553887	241.368225	8.4	0.000052	0.00008	0	20	4
11.0833	212.126448	241.9	7.7	0.00005	0.00007	0	20	4

76.748327	0	0.5908
82.217981	0	0.59087
97.909245	0	0.59094
113.600509	0	0.59101
129.291773	0	0.59108
144.983036	0	0.59115
155.904872	0	0.59122
165.185615	0	0.59128
174.466357	0	0.59134
183.7471	0	0.5914
193.015564	0	0.59146
198.203632	0	0.59152
203.391699	0	0.59159
208.579767	0	0.59169
213.767834	0	0.59181
207.417337	0	0.59191
181.999131	0	0.592
156.580925	0	0.59209
131.16272	0	0.59217
105.744514	0	0.59225
97.114474	0	0.59234
93.386404	0	0.59243
89.658333	0	0.59251
85.930263	0	0.59258
84.568985	0	0.59265
91.900689	0	0.59272
99.232393	0	0.5928
106.564097	0	0.59288
113.895801	0	0.59296
127.872637	0	0.59304
144.524302	0	0.59311
161.175968	0	0.59318
177.827633	0	0.59325
189.832746	0	0.59332
189.210984	0	0.59339
188.589223	0	0.59346
187.967461	0	0.59353
187.345699	0	0.5936
187.522353	0	0.59367
188.698824	0	0.59375
189.875294	0	0.59384
191.051765	0	0.59395
189.0547	0	0.59408
173.872739	0	0.59424
158.690779	0	0.59439
143.508819	0	0.59452
128.326859	0	0.59462
122.753813	0	0.5947
121.010893	0	0.59479
119.267974	0	0.59489
117.525054	0	0.59499
115.03825	0	0.5951
107.344251	0	0.59522
99.650253	0	0.59535
91.956254	0	0.59544
84.262255	0	0.59553
83.66373	0	0.59563
88.288262	0	0.59571
92.912795	0	0.59579
97.537327	0	0.59587
102.660522	0	0.59595
121.532587	0	0.59603
140.404652	0	0.5961

13:27:19.506	198.2	36.1	685
13:27:20.506	198.3	36.2	680
13:27:21.506	198.4	36.5	676
13:27:22.506	198.4	37.2	680
13:27:23.506	198.5	36.9	679
13:27:24.506	198.6	35	679
13:27:25.506	198.6	35.5	680
13:27:26.506	198.7	36.3	680
13:27:27.506	198.8	35.7	678
13:27:28.506	198.8	35.8	681
13:27:29.506	198.9	36.1	681
13:27:30.506	199	36	677
13:27:31.506	199	36.1	680
13:27:32.506	199.1	35.7	679
13:27:33.506	199.2	35.9	678
13:27:34.506	199.2	37	680
13:27:35.506	199.3	36.6	680
13:27:36.506	199.4	37.3	678
13:27:37.506		37.1	679
13:27:38.506		35.3	681
13:27:39.506		35.3	682
13:27:40.506		33.7	668
13:27:41.506		33.1	675
13:27:42.506		33.6	676
13:27:43.506		34.9	683
13:27:44.506		36.1	687
13:27:45.506	197.8	36.4	680
13:27:46.506	197.6	36.8	679
13:27:47.506	197.4	36.1	680
13:27:48.506	197.2	35.8	680
13:27:49.506	197	36.7	680
13:27:50.506	196.8	36.8	680
13:27:51.506	196.6	35.7	678
13:27:52.506	196.4	35.5	679
13:27:53.506	196.2	35.6	679
13:27:54.506	196	35.7	678
13:27:55.506	195.8	35.9	679
13:27:56.506	195.6	36.5	677
13:27:57.506	195.4	36.2	679
13:27:58.506	195.2	36.1	679
13:27:59.506	195	36.1	679
13:28:00.506	194.8	37.6	675
13:28:01.506	194.6	36.2	683
13:28:02.506	194.4	34.8	678
13:28:03.506	194.2	33.2	669
13:28:04.506	194.1	32.3	678
13:28:05.506		31.3	681
13:28:06.506		32.7	680
13:28:07.506		35.2	747
13:28:08.506		30.8	697
13:28:09.506		30.4	672
13:28:10.506		34.5	721
13:28:11.506		41.7	825
13:28:12.506	194.5	38.8	852
13:28:13.506	194.6	40.1	904
13:28:14.506	194.6	26.7	871
13:28:15.506	194.7	29.3	647
13:28:16.506	194.8	30.6	666
13:28:17.506	194.8	29.6	671
13:28:18.506	194.9	30.2	674
13:28:19.506	195	30.1	680
13:28:20.506	195	29.5	679
13:28:21.506	195.1	29.8	679

10.54317	212.699009	241.9	5.6	0.000052	0.00007	0	20	4
10.24174	213.302129	228.347222	3.9	0.000056	0.00007	0	20	4
10.48143	214.119157	241.9	2.6	0.000063	0.00007	0	20	4
10.46339	214.936186	241.9	2	0.00007	0.00007	0	20	3.9
10.43688	215.753214	241.313235	0.2	0.000077	0.00007	0	20	3.8
10.34476	216.570243	241.29395	0.1	0.000081	0.00007	0	20	3.8
10.49342	217.2	234.344902	0.4	0.000082	0.00007	0	20	3.8
10.3624	217.621941	241.652452	0.7	0.000083	0.00007	0	20	3.8
10.36495	218.043882	241.414776	0.8	0.000084	0.00007	0	20	3.8
10.38056	218.465823	241.3	0.9	0.000085	0.00007	0	20	3.8
10.40411	218.887764	237.769444	0.8	0.000084	0.00007	0	20	3.8
10.355	219.103429	239.775486	0.7	0.000085	0.00007	0	20	3.8
10.45656	219.24434	241.3	0.5	0.000085	0.00007	0	20	3.8
10.40317	219.385251	241.3	0.3	0.000085	0.00007	0	20	3.8
10.55	219.526163	240.659135	0.1	0.000086	0.00007	0	20	3.8
10.53609	219.660792	234.877137	0	0.000085	0.00006	0	20	3.7
10.34124	219.788506	241.3	0.2	0.000085	0.00007	0	20	3.8
10.34395	219.91622	241.3	0.7	0.000086	0.00007	0	20	3.8
10.65723	220.043934	241.626233	1	0.000087	0.00007	0	20	3.7
10.3284	220.171648	235.945604	1.5	0.000086	0.00007	0	20	3.7
10.38	219.780593	239.09249	1.9	0.000085	0.00006	0	20	3.7
10.20084	219.241509	240.670677	2.4	0.000084	0.00006	0	20	3.7
10.16548	218.702426	240.805188	2.7	0.000083	0.00006	0	20	3.7
10.4019	218.163342	240.96117	3.1	0.000086	0.00006	0	20	3.7
10.60503	217.624259	232.362865	3.1	0.000087	0.00007	0	20	3.7
10.72	217.883804	240.6	2.9	0.000086	0.00007	0	20	3.7
10.68115	218.180981	240.6	2.7	0.000084	0.00007	0	20	3.7
10.46469	218.478158	240.6	2.1	0.000082	0.00006	0	20	3.7
10.24922	218.775334	240.6	1.4	0.000081	0.00006	0	20	3.7
10.34697	218.965618	231.15288	0.6	0.000084	0.00006	0	20	3.7
10.42351	218.824706	240	0	0.000084	0.00006	0	20	3.7
10.48801	218.683795	240	0	0.000085	0.00007	0	20	3.8
10.57923	218.542884	240	0	0.000085	0.00007	0	20	3.8
10.63354	218.401973	231.774247	0	0.000086	0.00007	0	20	3.8
10.41457	218.4	239.978252	0	0.000086	0.00007	0	20	3.8
10.45782	218.4	239.4	0	0.000086	0.00007	0	20	3.7
10.47901	218.4	239.4	0	0.000086	0.00006	0	20	3.7
10.36065	218.4	239.4	0	0.000087	0.00007	0	20	3.7
10.41516	218.4	230.331148	0.1	0.000086	0.00006	0	20	3.6
10.48045	218.4	239.071915	0.5	0.000086	0.00006	0	20	3.6
10.43295	218.4	238.977391	0.5	0.000086	0.00006	0	20	3.6
10.54416	218.4	238.8	0.6	0.000087	0.00006	0	20	3.7
10.4776	218.4	233.799589	0.9	0.000087	0.00006	0	20	3.7
9.99186	217.661578	237.682221	1.8	0.000084	0.00006	0	20	3.7
9.92753	216.710002	238.8	2.4	0.000083	0.00006	0	20	3.7
10.43261	215.758427	238.1	2.9	0.000085	0.00006	0	20	3.7
10.31341	214.806851	238.1	3.1	0.000084	0.00006	0	20	3.7
10.22	213.858539	227.873014	3.2	0.000088	0.00007	0	20	3.7
11.97068	212.976385	237.656145	3.3	0.000091	0.00007	0	20	3.7
9.46526	212.094232	237.759412	3.4	0.00008	0.00007	0	20	3.7
10.54735	211.212079	237.523251	3.6	0.000077	0.00006	0	20	3.7
13.69648	210.329925	235.704602	3.7	0.00009	0.00008	0	20	3.7
12.80024	210.086404	233.443646	3.6	0.000093	0.00008	0	20	3.6
12.30483	210.224431	237.460969	3.6	0.000089	0.00008	0	20	3.6
13.35591	210.362457	236.9	3.8	0.000097	0.00008	0	20	3.6
7.92533	210.500483	236.9	4.2	0.000086	0.00007	0	20	3.6
9.44329	210.270609	225.403024	4.5	0.000075	0.00006	0	20	3.7
9.49224	209.089996	236.1	4.6	0.000072	0.00006	0	20	3.7
10.1257	207.909383	236.1	4.6	0.000072	0.00006	0	20	3.7
10.19036	206.72877	235.533506	4.5	0.000072	0.00006	0	20	3.7
10.27	205.548157	235.001764	4.5	0.000072	0.00006	0	20	3.7
10.37458	204.650774	226.563913	4.4	0.000072	0.00006	0	20	3.7
10.30475	204.098165	235.916512	4.4	0.000071	0.00006	0	20	3.7

159.276717	0	0.59617
178.148782	0	0.59624
187.898793	0	0.59631
187.687063	0	0.59638
187.475333	0	0.59645
187.263604	0	0.59652
187.051874	0	0.59659
186.350398	0	0.59666
185.489998	0	0.59673
184.629598	0	0.5968
183.769198	0	0.59687
182.951276	0	0.59694
182.491611	0	0.59701
182.031947	0	0.59708
181.572282	0	0.59715
181.112618	0	0.59721
180.839635	0	0.59728
180.62723	0	0.59735
180.414826	0	0.59742
180.202421	0	0.59749
179.94014	0	0.59755
178.666525	0	0.59761
177.39291	0	0.59767
176.119295	0	0.59773
174.84568	0	0.5978
174.290218	0	0.59787
175.153962	0	0.59794
176.017707	0	0.598
176.881451	0	0.59806
177.745195	0	0.59812
177.524505	0	0.59818
176.850045	0	0.59825
176.175585	0	0.59832
175.501124	0	0.59839
175	0	0.59846
175	0	0.59853
175	0	0.59859
175	0	0.59866
175	0	0.59872
175	0	0.59878
175	0	0.59884
175	0	0.5989
175	0	0.59896
174.811373	0	0.59902
173.326119	0	0.59908
171.840866	0	0.59914
170.355612	0	0.5992
168.870359	0	0.59927
167.530293	0	0.59934
166.395734	0	0.59941
165.261175	0	0.59947
164.126617	0	0.59955
162.96875	0	0.59963
158.504464	0	0.59971
154.040179	0	0.59979
149.575893	0	0.59986
145.111607	0	0.59992
143.334958	0	0.59998
143.970551	0	0.60004
144.606144	0	0.6001
145.241737	0	0.60016
145.877331	0	0.60022
149.041907	0	0.60028

13:28:22.506	195.2	29.7	679
13:28:23.506	195.2	29.4	680
13:28:24.506	195.3	29.2	679
13:28:25.506	195.4	29.1	679
13:28:26.506	195.4	29.2	681
13:28:27.506	195.5	29	679
13:28:28.506	195.6	29.4	679
13:28:29.506	195.6	30	679
13:28:30.506	195.7	30.2	679
13:28:31.506	195.7	29.5	678
13:28:32.506		29.8	679
13:28:33.506		30.2	681
13:28:34.506		32.1	673
13:28:35.506		34.9	688
13:28:36.506		35.3	684
13:28:37.506		35.1	681
13:28:38.506		34.6	681
13:28:39.506		34.2	678
13:28:40.506	196.9	34.7	679
13:28:41.506	197	34.9	679
13:28:42.506	197.1	35.3	678
13:28:43.506	197.3	35.7	679
13:28:44.506	197.4	35.2	679
13:28:45.506	197.5	35.3	678
13:28:46.506	197.6	35.7	677
13:28:47.506	197.8	35.7	680
13:28:48.506	197.9	36.3	678
13:28:49.506	198	35	680
13:28:50.506	198.2	34.6	679
13:28:51.506	198.3	35.8	680
13:28:52.506	198.4	36.2	679
13:28:53.506	198.5	35.8	680
13:28:54.506	198.7	36.6	679
13:28:55.506	198.8	36.8	682
13:28:56.506	198.9	37.5	678
13:28:57.506	199.1	46.2	775
13:28:58.506	199.2	63	1066
13:28:59.506	199.3	72.5	1406
13:29:00.506		68.8	1711
13:29:01.506		60.9	1822
13:29:02.506		78.6	1890
13:29:03.506		14.2	1571
13:29:04.506		15.3	1062
13:29:05.506		15.5	962
13:29:06.506		17.1	889
13:29:07.506		17.6	811
13:29:08.506	197.8	18.5	813
13:29:09.506	197.6	14.5	831
13:29:10.506	197.4	19.9	775
13:29:11.506	197.2	24.4	773
13:29:12.506	197	32.4	722
13:29:13.506	196.8	33.9	691
13:29:14.506	196.6	35.9	689
13:29:15.506	196.4	36	685
13:29:16.506	196.2	35.8	681
13:29:17.506	196	36.5	676
13:29:18.506	195.8	36.1	677
13:29:19.506	195.6	38.2	785
13:29:20.506	195.4	57.8	1074
13:29:21.506	195.2	49	1138
13:29:22.506	195.1	53.3	1272
13:29:23.506	194.9	60.2	1492
13:29:24.506	194.7	76.2	1700

10.54962	203.545557	235.527202	4.2	0.00007	0.00006	0	20	3.7
10.57567	202.992949	235.5	4.1	0.00007	0.00006	0	20	3.7
10.48591	202.44034	225.070873	4.1	0.000069	0.00006	0	20	3.7
10.52426	202.022039	234.9	4.1	0.000069	0.00006	0	20	3.7
10.35118	201.614313	234.9	4.1	0.000069	0.00006	0	20	3.7
10.32241	201.206588	235.312059	4	0.000069	0.00006	0	20	3.7
10.20912	200.798863	235.007612	3.9	0.000068	0.00006	0	20	3.7
10.31306	200.427248	220.315906	3.9	0.000068	0.00006	0	20	3.7
10.33013	200.154768	234.3	3.9	0.000068	0.00006	0	20	3.7
10.34114	199.882289	234.3	3.8	0.000067	0.00006	0	20	3.7
10.41217	199.609809	234.3	3.8	0.000067	0.00006	0	20	3.7
10.42635	199.33733	232.226365	3.7	0.000067	0.00006	0	20	3.7
10.41407	199.661786	223.905455	3.7	0.000069	0.00007	0	20	3.7
11.0131	200.592806	233.6	3.5	0.000072	0.00007	0	20	3.7
10.48059	201.523826	233.6	2.7	0.00007	0.00007	0	20	3.7
10.43874	202.454846	233.6	1.3	0.00007	0.00007	0	20	3.8
10.31948	203.385865	226.566216	0.2	0.000074	0.00007	0	20	3.8
10.51638	204.135737	231.64597	0	0.000077	0.00007	0	20	3.8
10.81027	204.831499	233.598085	0	0.00008	0.00007	0	20	3.8
10.46752	205.527261	233	0	0.000081	0.00007	0	20	3.8
10.49429	206.223023	233	0	0.000082	0.00007	0	20	3.8
10.48711	206.914551	222.501661	0	0.000082	0.00007	0	20	3.9
10.36	207.45346	232.876831	0	0.000082	0.00007	0	20	3.9
10.34523	207.992369	232.4	0	0.000082	0.00007	0	20	3.9
10.35687	208.531278	232.4	0	0.000083	0.00007	0	20	3.9
10.36	209.070188	232.4	0	0.000082	0.00007	0	20	3.9
10.37063	209.452315	224.528075	0	0.000083	0.00007	0	20	3.9
10.54442	209.587146	232.007553	0	0.000085	0.00007	0	20	3.9
10.39771	209.721978	231.7	0	0.000085	0.00007	0	20	3.9
10.41455	209.856809	232.213136	0	0.000083	0.00007	0	20	3.9
10.43732	209.99164	225.609605	0	0.000084	0.00007	0	20	3.9
10.54525	210.126132	231.800268	0	0.000085	0.00007	0	20	3.8
10.38345	210.260601	232.082219	0	0.000085	0.00007	0	20	3.8
10.40493	210.395069	232.285398	0	0.000087	0.00007	0	20	3.8
10.61055	210.529538	231.056483	0.1	0.000087	0.00007	0	20	3.8
12.255	218.159824	225.499786	0.3	0.000108	0.00008	0	20	3.8
18.77631	234.041808	231.1	0.9	0.000158	0.00012	0	20	3.8
23.95327	249.923792	231.1	2	0.000246	0.00016	0	20	3.7
40.30215	265.805775	231.1	3.5	0.000454	0.00023	0	20	3.7
49.01925	281.687759	241.348312	6.1	0.000666	0.0003	0	20	3.7
49.67315	282.794579	239.905128	8.8	0.000722	0.00035	0	20	4
31.93605	277.478336	230.5	11.4	0.000451	0.00031	0	20	5.2
18.7617	272.162093	230.384981	14.2	0.000207	0.00018	0	20	5
15.11821	266.84585	229.537876	15.7	0.000103	0.00011	0	20	4.4
9.62874	261.529607	239.412558	15.7	0.000067	0.00009	0	20	4.4
11.43471	253.545566	229.1	15.3	0.000055	0.00008	0	20	4.4
11.57597	245.385189	228.744213	15	0.000049	0.00009	0	20	4.4
12.10812	237.224811	228.5	14.8	0.000047	0.00009	0	20	4.4
11.8157	229.064434	228.156766	14	0.000045	0.00008	0	20	4.3
11.79706	226.054126	227.787227	11.8	0.000042	0.00008	0	20	4.3
11.3498	225.272072	227.9	9.2	0.00004	0.00008	0	20	4.3
10.79774	224.490019	227.9	8.8	0.00004	0.00008	0	20	4.3
10.82798	223.707965	227.675725	6.8	0.000043	0.00008	0	20	4.3
10.48894	222.925911	226.032095	4.7	0.000049	0.00007	0	20	4.3
10.50356	223.505198	227.3	4	0.000056	0.00007	0	20	4.2
10.58	224.34572	227.3	1.7	0.000063	0.00007	0	20	4.2
10.5092	225.186242	226.796	0.8	0.000071	0.00007	0	20	4
14.52745	226.026764	226.6	0.7	0.000092	0.00008	0	20	4
20.92993	229.695265	226.6	0.5	0.000147	0.00012	0	20	3.9
18.21489	239.428804	226.6	1	0.000147	0.00011	0	20	3.8
17.48943	249.162343	226.174093	2.1	0.000182	0.00012	0	20	3.8
23.77106	258.895882	226.528745	5.3	0.000285	0.00017	0	20	3.8
39.15803	268.629421	236.662277	6.1	0.000458	0.00024	0	20	3.8

152.811308	0	0.60034
156.58071	0	0.6004
160.350111	0	0.60046
163.445182	0	0.60052
164.944111	0	0.60058
166.443041	0	0.60064
167.94197	0	0.6007
169.440899	0	0.60076
170.258025	0	0.60082
170.669547	0	0.60088
171.08107	0	0.60094
171.492593	0	0.601
171.904115	0	0.60107
174.484881	0	0.60114
177.724622	0	0.60121
180.964363	0	0.60128
184.204104	0	0.60135
186.913291	0	0.60142
186.28038	0	0.60149
185.647468	0	0.60156
185.014557	0	0.60163
184.381646	0	0.6017
183.744421	0	0.60177
183.100644	0	0.60184
182.456867	0	0.60191
181.81309	0	0.60198
181.169313	0	0.60205
180.667269	0	0.60212
180.215801	0	0.60219
179.764334	0	0.60226
179.312867	0	0.60233
179	0	0.6024
179	0	0.60247
179	0	0.60254
179	0	0.60261
179	0	0.60269
196.479531	0	0.60281
217.874306	0	0.60297
239.26908	0	0.6032
260.663855	0	0.6035
282.05863	0	0.60385
248.725204	0	0.60416
212.872907	0	0.60434
177.02061	0	0.60445
141.168313	0	0.60454
115.519576	0	0.60462
113.907416	0	0.60471
112.295256	0	0.6048
110.683095	0	0.60488
109.070935	0	0.60496
127.305508	0	0.60504
146.453528	0	0.60512
165.601549	0	0.6052
184.74957	0	0.60527
198	0	0.60534
198	0	0.60541
198	0	0.60548
198	0	0.60556
198	0	0.60568
188.790795	0	0.60579
173.155472	0	0.60591
157.52015	0	0.60608
141.884827	0	0.60632

13:29:25.506	194.5	83.6	1762
13:29:26.506	194.3	55.4	1704
13:29:27.506	194.1	35.2	1508
13:29:28.506		51.9	1312
13:29:29.506		52.3	1264
13:29:30.506		42.2	1241
13:29:31.506		36.9	1202
13:29:32.506		45.7	1222
13:29:33.506		15.3	960
13:29:34.506		11.6	860
13:29:35.506	194.5	11.2	830
13:29:36.506	194.6	14	810
13:29:37.506	194.6	13.4	793
13:29:38.506	194.7	15.1	789
13:29:39.506	194.8	18	813
13:29:40.506	194.8	28.6	755
13:29:41.506	194.9	35.2	716
13:29:42.506	195	35.6	692
13:29:43.506	195	35.9	683
13:29:44.506	195.1	35.9	681
13:29:45.506	195.2	35.4	682
13:29:46.506	195.2	36.2	676
13:29:47.506	195.3	36.5	678
13:29:48.506	195.3	36.5	681
13:29:49.506	195.4	36.1	682
13:29:50.506	195.5	45.4	846
13:29:51.506	195.5	69.2	1197
13:29:52.506	195.6	77.1	1588
13:29:53.506	195.7	60.2	1681
13:29:54.506	195.7	66.7	1609
13:29:55.506		83.8	1840
13:29:56.506		78.1	1832
13:29:57.506		74.5	1805
13:29:58.506		37.1	1418
13:29:59.506		32.2	1438
13:30:00.506		13.9	1419
13:30:01.506		5.3	1381
13:30:02.506		0	1315
13:30:03.506	195.3	0	1033
13:30:04.506	195.2	14.7	866
13:30:05.506	195.1	14.6	802
13:30:06.506	195.1	17.9	802
13:30:07.506	195	23.2	772
13:30:08.506	194.9	35.7	722
13:30:09.506	194.9	36.9	700
13:30:10.506	194.8	36.6	683
13:30:11.506	194.7	36.1	682
13:30:12.506	194.7	36.2	680
13:30:13.506	194.6	35.9	680
13:30:14.506	194.6	36	681
13:30:15.506	194.5	36.6	679
13:30:16.506	194.4	36.7	674
13:30:17.506	194.4	36.5	684
13:30:18.506	194.3	36.9	678
13:30:19.506	194.2	37.3	680
13:30:20.506	194.2	38.4	681
13:30:21.506	194.1	36.9	680
13:30:22.506	194	37.2	679
13:30:23.506		36.6	679
13:30:24.506		35.5	682
13:30:25.506		34.8	679
13:30:26.506		34.9	676
13:30:27.506		34.6	680

44.09268	274.349026	230.468394	7.5	0.000578	0.00027	0	20	3.7
32.03242	278.916626	226	9.4	0.000501	0.00023	0	20	3.7
26.79477	283.484227	225.4	11.2	0.000349	0.00018	0	20	3.8
20.88692	288.051827	225.4	12.2	0.000214	0.00014	0	20	3.8
16.8986	292.619428	244.573663	15	0.000177	0.00012	0	20	3.8
14.8741	285.675603	228.789615	15.4	0.000164	0.0001	0	20	3.8
14.55471	276.716265	224.527059	16.4	0.00016	0.0001	0	20	3.8
14.58986	267.756926	224.495072	16.6	0.000138	0.00009	0	20	3.8
9.22981	258.797588	225.142308	16.6	0.000116	0.00008	0	20	3.8
12.84945	250.866253	232.524286	16.5	0.000121	0.00009	0	20	3.7
13.45936	243.971178	224	16.3	0.000105	0.00009	0	20	3.8
13.47559	237.076103	224	16	0.000085	0.00009	0	20	3.7
13.25028	230.181028	223.4	15	0.000068	0.00009	0	20	3.7
12.77501	223.285953	222.935978	14.5	0.000054	0.00008	0	20	3.8
10.49657	221.300258	223.359169	14	0.000044	0.00007	0	20	3.8
10.8383	220.334385	222.8	12	0.00004	0.00007	0	20	3.8
11.04438	219.368513	223.116379	9.2	0.000038	0.00007	0	20	3.8
10.93681	218.40264	222.973065	6.8	0.000039	0.00007	0	20	3.8
10.52404	217.816332	220.234361	5	0.000044	0.00007	0	20	3.8
10.48273	219.096403	222.8	3.8	0.00005	0.00006	0	20	3.7
10.29255	220.376473	222.8	2.9	0.000058	0.00006	0	20	3.7
10.15213	221.656544	222.766418	1.9	0.000067	0.00006	0	20	3.7
10.54286	222.936614	222.210572	1	0.000073	0.00006	0	20	3.7
10.48709	226.949837	222.357206	0.7	0.000077	0.00006	0	20	3.7
10.39534	232.513845	222.646477	1	0.000087	0.00007	0	20	3.7
13.54013	238.077853	222.1	1.7	0.00012	0.00009	0	20	3.7
22.86017	243.64186	222.1	2.4	0.000195	0.00014	0	20	3.7
28.71517	249.760461	232.948128	3.2	0.00029	0.00018	0	20	3.6
34.35131	270.313456	222.8	4.8	0.0004	0.00019	0	20	3.6
35.65056	290.866452	222.8	7.4	0.000479	0.00022	0	20	3.6
50.2089	311.419447	222.8	9.5	0.000633	0.00027	0	20	3.5
51.99667	331.972442	238.644708	11.4	0.00074	0.0003	0	20	3.5
45.23957	331.859529	236.988506	14	0.000727	0.00045	0	20	5.3
27.90174	322.762727	224.630225	16.4	0.000512	0.00048	0	20	7.7
22.64791	313.665925	224.7	18.5	0.000277	0.0003	0	20	7.7
18.20823	304.569123	224.7	20.2	0.000193	0.0002	0	20	6.3
13.38555	295.259973	256.193681	20.6	0.000125	0.0001	0	20	4.2
10.19541	283.085669	224.7	20.3	0.000084	0.00008	0	20	4
12.08701	270.911366	224.7	19.6	0.000058	0.00006	0	20	4
13.1591	258.737062	224.7	18.8	0.000055	0.00008	0	20	4
13.21249	246.562758	225.872727	17.7	0.000046	0.00009	0	20	4.1
11.3985	240.92895	228.291699	15	0.000034	0.00008	0	20	4.1
11.21229	239.355125	224.7	12.3	0.000032	0.00008	0	20	4.1
11.64672	237.7813	224.7	9.5	0.000033	0.00008	0	20	4.1
11.31479	236.207476	224.7	7.8	0.000035	0.00007	0	20	4.1
10.71727	234.633651	227.2	7.3	0.000039	0.00007	0	20	4
10.43011	234.607079	225.587697	5.3	0.000048	0.00007	0	20	3.9
10.36942	234.996774	224.71922	3.7	0.000056	0.00007	0	20	3.9
10.425	235.386469	225.4	2.7	0.000064	0.00007	0	20	3.9
10.40226	235.776164	225.4	1.9	0.00007	0.00007	0	20	3.9
10.74833	236.1303	230.983627	1.4	0.000076	0.00007	0	20	3.9
10.78119	236.309592	225.4	1.3	0.00008	0.00007	0	20	3.9
10.45229	236.488884	225.4	0.9	0.000082	0.00007	0	20	3.9
10.41634	236.668176	225.4	1.1	0.000082	0.00007	0	20	3.9
10.47922	236.847468	227.082707	1.5	0.000085	0.00007	0	20	3.8
10.38324	236.688006	227.522494	1.7	0.000085	0.00007	0	20	3.8
10.43893	236.388156	226	1.7	0.000086	0.00007	0	20	3.8
10.47537	236.088306	226	1.7	0.000086	0.00007	0	20	3.8
10.41074	235.788456	226	1.7	0.000087	0.00007	0	20	3.8
10.15492	235.464174	229.797068	2.1	0.000086	0.00007	0	20	3.8
10.27	234.521384	226	2.4	0.000085	0.00007	0	20	3.8
10.31148	233.578594	226	2.5	0.000085	0.00007	0	20	3.8
10.3647	232.635805	226.419643	2.6	0.000086	0.00007	0	20	3.8

127.369231	0	0.60659
135.061538	0	0.60682
142.753846	0	0.607
150.446154	0	0.60714
158.138462	0	0.60726
163.009675	0	0.60736
144.580742	0	0.60746
126.151808	0	0.60755
107.722875	0	0.60763
89.293941	0	0.60772
84.66565	0	0.60781
84.22973	0	0.6079
83.79381	0	0.60799
83.35789	0	0.60807
86.808511	0	0.60814
108.085106	0	0.60821
129.361702	0	0.60828
150.638298	0	0.60835
171.914894	0	0.60842
182.795248	0	0.60848
184.307127	0	0.60854
185.819006	0	0.6086
187.330886	0	0.60866
188.842765	0	0.60872
194.575111	0	0.60879
200.797333	0	0.60888
207.019556	0	0.60902
213.241778	0	0.6092
213.081013	0	0.60939
203.18458	0	0.60961
193.288147	0	0.60988
183.391715	0	0.61018
173.093628	0	0.61063
155.32163	0	0.61111
137.549632	0	0.61141
119.777633	0	0.61161
102.005635	0	0.61171
88.0596	0	0.61179
79.042665	0	0.61185
70.025731	0	0.61193
61.008797	0	0.61202
51.991863	0	0.6121
77.583696	0	0.61218
107.453018	0	0.61226
137.32234	0	0.61233
167.191661	0	0.6124
195	0	0.61247
195	0	0.61254
195	0	0.61261
195	0	0.61268
195	0	0.61275
194.764989	0	0.61282
194.327352	0	0.61289
193.889716	0	0.61296
193.452079	0	0.61303
193.014442	0	0.6131
192.585779	0	0.61317
192.157421	0	0.61324
191.729064	0	0.61331
191.300707	0	0.61338
190.673246	0	0.61345
189.576754	0	0.61352
188.480263	0	0.61359

13:30:28.506		33.3	674
13:30:29.506		33	674
13:30:30.506	194.5	32.6	679
13:30:31.506	194.6	31.7	682
13:30:32.506	194.6	31.4	681
13:30:33.506	194.7	31	681
13:30:34.506	194.8	30.2	680
13:30:35.506	194.8	30.6	679
13:30:36.506	194.9	30.5	679
13:30:37.506	195	36.9	799
13:30:38.506	195	54.2	1010
13:30:39.506	195.1	59.3	1255
13:30:40.506	195.2	56	1427
13:30:41.506	195.2	35.1	1495
13:30:42.506	195.3	19.5	1067
13:30:43.506	195.4	31.1	908
13:30:44.506	195.4	53.4	1045
13:30:45.506	195.5	50.8	1059
13:30:46.506	195.6	50.3	1107
13:30:47.506	195.6	51.2	1165
13:30:48.506	195.7	52.1	1245
13:30:49.506	195.8	51.3	1309
13:30:50.506		48.2	1344
13:30:51.506		30.8	1206
13:30:52.506		9.2	988
13:30:53.506		13.5	964
13:30:54.506		19.9	993
13:30:55.506		14.5	889
13:30:56.506		17.7	794
13:30:57.506	196.3	20.9	793
13:30:58.506	196.4	24	791
13:30:59.506	196.4	28.7	770
13:31:00.506	196.5	29.6	714
13:31:01.506	196.6	28.8	682
13:31:02.506	196.6	31.6	717
13:31:03.506	196.7	31.2	675
13:31:04.506	196.8	30.4	695
13:31:05.506	196.8	34.4	759
13:31:06.506	196.9	39.2	785
13:31:07.506	196.9	40.6	822
13:31:08.506	197	41.1	848
13:31:09.506	197.1	29.2	697
13:31:10.506	197.1	26.5	671
13:31:11.506	197.2	26.2	676
13:31:12.506	197.3	29.2	727
13:31:13.506	197.3	40	822
13:31:14.506	197.4	53.4	885
13:31:15.506	197.5	60.5	1109
13:31:16.506	197.5	55.2	1124
13:31:17.506		57.4	1213
13:31:18.506		64.9	1365
13:31:19.506		58.6	1411
13:31:20.506		19	1250
13:31:21.506		36.4	1309
13:31:22.506		29.1	1241
13:31:23.506		12.2	1014
13:31:24.506		16.1	918
13:31:25.506	197.1	47.5	1242
13:31:26.506	197	64.5	1383
13:31:27.506	196.9	52.4	1423
13:31:28.506	196.9	29	1460
13:31:29.506	196.8	29.5	1340
13:31:30.506	196.7	46.6	1449

10.5183	231.693015	226.6	2.7	0.000085	0.00007	0	20	3.8
10.27214	230.650351	228.151493	2.9	0.000083	0.00007	0	20	3.8
10.25407	229.438358	227.004946	3	0.000082	0.00007	0	20	3.8
10.3719	228.226366	227.3	3.1	0.000081	0.00007	0	20	3.8
10.01941	227.014374	226.6	3.2	0.000079	0.00007	0	20	3.8
10.2965	225.802381	226.404132	3.3	0.000078	0.00007	0	20	3.8
10.39618	225.001651	226.985608	3.3	0.000077	0.00007	0	20	3.8
10.24881	224.405321	227.3	3.3	0.000076	0.00007	0	20	3.8
10.34359	223.808991	227.3	3.3	0.000078	0.00007	0	20	3.8
12.12949	223.212661	227.3	3.3	0.000102	0.00009	0	20	3.8
15.76107	224.056173	225.653919	3.4	0.000115	0.00011	0	20	3.8
18.13723	228.134656	227.9	3.7	0.000137	0.00012	0	20	3.8
18.94036	232.213139	227.9	4.1	0.000179	0.00013	0	20	3.7
19.91769	236.291623	228.179201	4.9	0.000217	0.00013	0	20	3.7
14.19536	240.370106	231.972049	7.1	0.00015	0.00009	0	20	3.7
15.22817	241.500606	229.662798	7.9	0.000149	0.00009	0	20	3.7
14.47689	241.760459	228.5	8.3	0.000136	0.00009	0	20	3.7
14.53601	242.020312	229.8	8.2	0.000122	0.00009	0	20	3.8
13.85816	242.280165	229.8	8.4	0.000121	0.00009	0	20	3.8
15.27243	242.806845	236.073494	8.8	0.000141	0.0001	0	20	3.8
16.93453	244.799344	229.8	9.3	0.000166	0.00011	0	20	3.7
17.30469	246.791842	230.383033	9.8	0.000184	0.00011	0	20	3.7
17.353	248.784341	231.1	10.4	0.000198	0.00012	0	20	3.8
12.97086	250.77684	237.428146	11.1	0.000158	0.00009	0	20	3.8
8.62468	244.264483	231.492247	11.6	0.000135	0.00008	0	20	3.8
13.80341	236.679442	231.596315	11.5	0.000147	0.00009	0	20	3.8
13.30305	229.094401	231.1	11.2	0.000119	0.00009	0	20	3.9
9.08463	221.50936	231.1	10.4	0.000085	0.00008	0	20	3.9
10.73553	214.828824	223.514614	9.9	0.000066	0.00007	0	20	3.9
11.26074	213.079304	231.1	9.4	0.000058	0.00008	0	20	3.9
11.50472	211.329785	231.394188	8.8	0.000053	0.00008	0	20	3.9
11.50584	209.580265	231.7	8.2	0.00005	0.00008	0	20	4
10.98401	207.830745	231.208071	7.5	0.000046	0.00007	0	20	4
10.46665	207.084333	225.126567	6.7	0.000047	0.00007	0	20	3.9
11.02898	207.478206	232.4	6.2	0.000052	0.00007	0	20	3.9
10.016	207.872079	232.4	6	0.000052	0.00007	0	20	3.9
10.72574	208.265952	232.4	5.9	0.000061	0.00007	0	20	3.9
11.56926	208.659825	225.220272	6	0.00007	0.00008	0	20	3.9
12.37222	209.345762	231.932629	5.9	0.000074	0.00008	0	20	3.9
13.06628	210.064873	233	6.1	0.000084	0.00009	0	20	3.9
12.31283	210.783983	233	6.2	0.00008	0.00008	0	20	3.9
9.87724	211.503094	233	6.4	0.000063	0.00006	0	20	3.9
9.90676	212.042523	224.425858	6.9	0.000068	0.00006	0	20	3.9
9.88888	212.180138	233.235514	6.9	0.000077	0.00007	0	20	3.9
14.14022	212.317752	233.592867	6.7	0.000095	0.00009	0	20	3.9
12.59495	212.455367	233.6	6.6	0.000088	0.00008	0	20	3.8
15.48862	212.592982	226.363942	6.3	0.000098	0.00009	0	20	3.7
16.95799	220.526185	233.772021	6.4	0.000115	0.0001	0	20	3.7
16.47099	228.87833	234.3	6.9	0.000134	0.0001	0	20	3.6
18.83029	237.230474	234.3	7.7	0.000192	0.00012	0	20	3.6
20.46456	245.582619	234.893624	8.4	0.000225	0.00012	0	20	3.5
21.04261	247.301059	238.299925	9	0.000252	0.00013	0	20	3.5
18.84156	242.8715	235.332325	10.8	0.000237	0.00011	0	20	3.5
15.13	238.44194	235.5	11.8	0.000206	0.0001	0	20	3.5
13.46595	234.012381	235.713659	12.1	0.000145	0.00009	0	20	3.5
9.08008	229.582822	233.679487	11.9	0.00011	0.00007	0	20	3.6
12.74146	231.946763	235.950197	11.9	0.000111	0.00008	0	20	3.6
17.7164	235.141784	236.068135	11.5	0.000121	0.00011	0	20	3.6
21.41232	238.336805	235.702764	10.5	0.000142	0.00013	0	20	3.6
19.29826	241.531826	236.1	10.4	0.000173	0.00012	0	20	3.6
18.51244	244.132785	240.132877	11.3	0.000201	0.00011	0	20	3.5
14.13191	238.96075	236.332899	12.3	0.00019	0.0001	0	20	3.5
18.0787	233.788714	236.421194	12.8	0.000193	0.00012	0	20	3.6

187.383772	0	0.61366
186.287281	0	0.61373
185.214727	0	0.6138
184.15067	0	0.61387
183.086614	0	0.61394
182.022558	0	0.61401
181.03569	0	0.61408
181.950812	0	0.61415
182.865935	0	0.61422
183.781057	0	0.61431
184.696179	0	0.61442
169.523389	0	0.61454
146.35481	0	0.61467
123.186231	0	0.6148
100.017652	0	0.61489
81.111307	0	0.61498
89.282686	0	0.61507
97.454064	0	0.61516
105.625442	0	0.61525
113.79682	0	0.61535
112.890041	0	0.61546
106.130239	0	0.61557
99.370437	0	0.61569
92.610635	0	0.61578
87.509527	0	0.61586
90.506744	0	0.61595
93.503961	0	0.61604
96.501177	0	0.61612
99.498394	0	0.61619
106.663169	0	0.61627
118.012206	0	0.61635
129.361242	0	0.61643
140.710278	0	0.6165
152.059315	0	0.61657
158.627308	0	0.61664
164.209103	0	0.61671
169.790897	0	0.61678
175.372692	0	0.61686
179.066594	0	0.61694
173.608079	0	0.61703
168.149563	0	0.61711
162.691048	0	0.61717
157.232533	0	0.61723
159.262019	0	0.6173
166.473558	0	0.61739
173.685096	0	0.61747
180.896635	0	0.61756
178.638026	0	0.61766
163.877065	0	0.61776
149.116105	0	0.61788
134.355144	0	0.618
119.594184	0	0.61813
113.277425	0	0.61824
107.983058	0	0.61834
102.688691	0	0.61843
97.394324	0	0.6185
93.180123	0	0.61858
94.239669	0	0.61869
95.299216	0	0.61882
96.358762	0	0.61894
97.418309	0	0.61905
96.843095	0	0.61915
94.277897	0	0.61927

13:31:31.506	196.7	11.2	1205
13:31:32.506	196.6	12	951
13:31:33.506	196.5	22	826
13:31:34.506	196.5	36	736
13:31:35.506	196.4	37.8	710
13:31:36.506	196.3	38	687
13:31:37.506	196.3	37.8	679
13:31:38.506	196.2	37.6	679
13:31:39.506	196.1	36.9	680
13:31:40.506	196.1	37.2	678
13:31:41.506	196	36.8	681
13:31:42.506	196	36.5	679
13:31:43.506	195.9	38.5	695
13:31:44.506	195.8	61.1	1069
13:31:45.506		73.9	1416
13:31:46.506		65.8	1513
13:31:47.506		48.6	1368
13:31:48.506		33.3	1189
13:31:49.506		15.6	936
13:31:50.506		12.3	861
13:31:51.506		14.4	812
13:31:52.506	196.3	32.4	895
13:31:53.506	196.4	31.1	856
13:31:54.506	196.4	23.7	789
13:31:55.506	196.5	25.3	793
13:31:56.506	196.6	29	762
13:31:57.506	196.6	34.8	709
13:31:58.506	196.7	36.4	688
13:31:59.506	196.8	37.4	682
13:32:00.506	196.8	37.5	680
13:32:01.506	196.9	37.6	679
13:32:02.506	197	37.3	679
13:32:03.506	197	37.1	678
13:32:04.506	197.1	37.8	679
13:32:05.506	197.2	38	681
13:32:06.506	197.2	37.6	679
13:32:07.506	197.3	37.5	679
13:32:08.506	197.4	49.9	875
13:32:09.506	197.4	62.8	1275
13:32:10.506	197.5	53.8	1234
13:32:11.506	197.6	20.7	887
13:32:12.506		17.3	723
13:32:13.506		22.9	672
13:32:14.506		31.2	654
13:32:15.506		34.3	682
13:32:16.506		36	685
13:32:17.506		35.4	680
13:32:18.506		35.9	679
13:32:19.506	198.1	35.2	679
13:32:20.506	198.2	36.4	706
13:32:21.506	198.2	51.4	908
13:32:22.506	198.3	62.1	1223
13:32:23.506	198.4	65.2	1289
13:32:24.506	198.4	58.2	1304
13:32:25.506	198.5	58.3	1358
13:32:26.506	198.6	59.4	1434
13:32:27.506	198.6	57.7	1521
13:32:28.506	198.7	56.3	1599
13:32:29.506	198.8	44.4	1603
13:32:30.506	198.8	13.5	971
13:32:31.506	198.9	11.4	809
13:32:32.506	199	11.4	838
13:32:33.506	199	11.5	823

12.00945	228.616678	236.848784	12.7	0.000115	0.00008	0	20	3.6
8.42806	223.444642	235.985023	12.6	0.000106	0.00007	0	20	3.6
11.91457	220.616328	231.900513	12.2	0.000098	0.00007	0	20	3.6
10.86854	220.057918	236.1	10.2	0.000078	0.00007	0	20	3.6
11.63908	219.499509	236.1	7.9	0.000066	0.00007	0	20	3.6
10.5308	218.941099	235.5	5.6	0.000059	0.00006	0	20	3.7
10.2884	218.417618	229.296635	3.7	0.000059	0.00006	0	20	3.6
10.38688	218.985929	235.5	2.9	0.000064	0.00006	0	20	3.6
10.40418	219.55424	235.211658	2.7	0.00007	0.00006	0	20	3.7
10.37799	220.122551	235.438831	2.2	0.000074	0.00006	0	20	3.7
10.51302	220.690862	235.5	1.8	0.000078	0.00006	0	20	3.7
10.55469	226.776491	232.254359	1.7	0.000083	0.00006	0	20	3.7
10.55294	236.074737	234.9	1.6	0.0001	0.00008	0	20	3.7
19.58052	245.372982	234.9	1.6	0.000176	0.00013	0	20	3.7
26.89337	254.671228	234.9	2	0.000262	0.00017	0	20	3.6
31.91882	262.993747	247.064895	3.2	0.00036	0.00018	0	20	3.6
21.2183	258.740238	234.9	5.6	0.000328	0.00014	0	20	3.5
14.97355	254.486729	234.9	8.4	0.000199	0.00008	0	20	3.6
7.33046	250.23322	234.436858	10.2	0.000167	0.00008	0	20	3.7
13.04924	245.979711	234.3	10.4	0.000164	0.00009	0	20	3.7
13.06912	241.543323	237.409836	10.8	0.000128	0.00009	0	20	3.7
12.43092	236.795549	233.6	10.3	0.000093	0.00008	0	20	3.6
7.97765	232.047774	233.6	9.3	0.000066	0.00007	0	20	3.6
10.78426	227.3	233	8.5	0.000058	0.00007	0	20	3.6
11.42517	222.552226	231.907097	8.5	0.00006	0.00007	0	20	3.6
11.26858	220.986549	231.386066	8.3	0.000061	0.00007	0	20	3.6
11.01894	221.119292	233	7.8	0.00006	0.00007	0	20	3.6
10.99257	221.252035	232.4	6.9	0.000058	0.00007	0	20	3.6
10.78055	221.384779	231.99957	6.5	0.000059	0.00006	0	20	3.6
10.37831	221.573991	226.826667	4.7	0.000062	0.00006	0	20	3.6
10.3	222.134529	232.141359	3.1	0.000067	0.00006	0	20	3.7
10.54347	222.695067	231.7	3	0.000072	0.00006	0	20	3.7
10.37181	223.255605	231.648139	2.9	0.000076	0.00006	0	20	3.7
10.38553	223.816143	229.932944	3	0.000079	0.00006	0	20	3.7
10.45434	225.22713	230.222941	3	0.000081	0.00006	0	20	3.7
10.36837	227.053217	231.1	2.8	0.000082	0.00006	0	20	3.7
10.3588	228.879304	230.916294	2.6	0.000087	0.00007	0	20	3.7
14.92811	230.705391	230.840794	2.7	0.000144	0.00011	0	20	3.7
23.14658	232.419949	231.408173	3.2	0.000189	0.00013	0	20	3.7
19.69126	232.697021	230.5	3.9	0.000203	0.00013	0	20	3.6
15.0925	232.974094	230.5	5.4	0.000181	0.0001	0	20	3.6
11.83256	233.251166	229.8	7.4	0.000142	0.00007	0	20	3.6
10.0047	233.528238	230.45109	8.2	0.000114	0.00006	0	20	3.6
10.49157	232.628811	230.099125	7.6	0.000104	0.00007	0	20	3.6
10.92234	231.318165	229.1	6.5	0.000089	0.00007	0	20	3.7
10.56653	230.007519	229.1	5.3	0.000073	0.00007	0	20	3.7
10.61	228.696873	228.526824	4.5	0.00007	0.00007	0	20	3.7
10.58842	228.733304	228.291339	4.3	0.00007	0.00006	0	20	3.7
10.35068	230.859079	228.5	4.1	0.000072	0.00006	0	20	3.7
10.81666	232.984854	228.5	4.2	0.000087	0.00007	0	20	3.7
16.3514	235.110629	228.5	4.6	0.000128	0.0001	0	20	3.7
20.88004	237.236404	231.260083	4.8	0.000175	0.00013	0	20	3.7
18.60752	243.726425	228.217922	5.5	0.000193	0.00012	0	20	3.6
20.08989	250.834216	227.325131	6.8	0.00023	0.00013	0	20	3.6
20.30376	257.942006	227.66213	8.6	0.000262	0.00013	0	20	3.6
21.84802	265.049797	227.723361	10	0.000296	0.00014	0	20	3.5
23.11995	269.931073	248.211823	11.1	0.000313	0.00014	0	20	3.5
24.4924	265.381717	227.705	12.2	0.00032	0.00015	0	20	3.5
22.50324	260.832361	227.3	13.1	0.000282	0.00014	0	20	3.5
13.88422	256.283004	226.6	13.9	0.000205	0.0001	0	20	3.5
12.01094	251.733648	228.083356	14.5	0.000141	0.00008	0	20	3.5
12.27769	246.450199	231.618182	14.4	0.000116	0.00008	0	20	3.6
12.17743	240.518371	226.090215	13.3	0.000095	0.00008	0	20	3.6

91.712698	0	0.61935
89.147499	0	0.61942
86.5823	0	0.61949
102.457866	0	0.61956
123.748767	0	0.61963
145.039668	0	0.61969
166.330569	0	0.61975
181.282727	0	0.61981
182.191818	0	0.61987
183.100909	0	0.61993
184.01	0	0.61999
184.919091	0	0.62005
185	0	0.62013
185	0	0.62026
185	0	0.62043
185	0	0.62061
176.902176	0	0.62075
158.663834	0	0.62083
140.425492	0	0.62091
122.18715	0	0.621
103.948808	0	0.62109
101.036957	0	0.62117
107.558696	0	0.62124
114.080435	0	0.62131
120.602174	0	0.62138
127.273897	0	0.62145
141.68951	0	0.62152
156.105123	0	0.62159
170.520736	0	0.62165
184.93635	0	0.62171
192.114145	0	0.62177
192.337959	0	0.62183
192.561773	0	0.62189
192.785586	0	0.62195
193.417279	0	0.62201
203.352484	0	0.62207
213.287689	0	0.62214
223.222894	0	0.62225
233.158099	0	0.62238
226.764269	0	0.62251
197.065893	0	0.62261
167.367517	0	0.62268
137.669142	0	0.62274
112.933649	0	0.62281
131.890995	0	0.62288
150.848341	0	0.62295
169.805687	0	0.62302
188.763033	0	0.62308
202.143047	0	0.62314
212.788423	0	0.62321
223.433799	0	0.62331
234.079175	0	0.62344
237.886756	0	0.62356
206.323523	0	0.62369
174.76029	0	0.62382
143.197057	0	0.62396
111.633824	0	0.6241
93.028734	0	0.62425
88.861154	0	0.62439
84.693573	0	0.62449
80.525993	0	0.62457
76.358412	0	0.62465
84.898745	0	0.62473

13:32:34.506	199.1	16.8	776
13:32:35.506	199.2	26.6	780
13:32:36.506	199.2	30.2	785
13:32:37.506	199.3	31.6	789
13:32:38.506	199.4	29.7	764
13:32:39.506		27.2	703
13:32:40.506		31.3	736
13:32:41.506		45.9	878
13:32:42.506		39.8	799
13:32:43.506		37.8	830
13:32:44.506		33.1	791
13:32:45.506		35.8	798
13:32:46.506		42.5	856
13:32:47.506	196.7	50.3	961
13:32:48.506	196.4	51.5	990
13:32:49.506	196	50	1000
13:32:50.506	195.7	49.5	1027
13:32:51.506	195.4	37.2	929
13:32:52.506	195.1	25.7	725
13:32:53.506	194.7	23.3	677
13:32:54.506	194.4	24.5	675
13:32:55.506	194.1	24.5	682
13:32:56.506	193.8	28.7	748
13:32:57.506	193.4	29.4	714
13:32:58.506	193.1	39.8	784
13:32:59.506	192.8	53	931
13:33:00.506	192.5	57.1	961
13:33:01.506	192.1	54.3	1005
13:33:02.506	191.8	55.6	1093
13:33:03.506	191.5	56.8	1193
13:33:04.506	191.2	55.8	1255
13:33:05.506	190.8	21.1	1147
13:33:06.506	190.5	32	1118
13:33:07.506		44.2	1170
13:33:08.506		31.9	982
13:33:09.506		25.1	907
13:33:10.506		45.8	1066
13:33:11.506		28.6	997
13:33:12.506		26.8	994
13:33:13.506		20.4	979
13:33:14.506	190.4	18.8	850
13:33:15.506	190.4	20.8	793
13:33:16.506	190.4	21.5	794
13:33:17.506	190.4	32.6	853
13:33:18.506	190.4	49.6	918
13:33:19.506	190.4	55.3	1059
13:33:20.506	190.4	69.3	1335
13:33:21.506	190.4	72.3	1449
13:33:22.506	190.4	66.8	1642
13:33:23.506	190.4	66.2	1684
13:33:24.506	190.4	48.1	1378
13:33:25.506	190.4	12.1	993
13:33:26.506	190.4	7.8	800
13:33:27.506	190.4	12.4	792
13:33:28.506	190.4	18.8	785
13:33:29.506	190.4	17.1	809
13:33:30.506	190.4	21.4	780
13:33:31.506	190.4	25.9	785
13:33:32.506	190.4	29.3	758
13:33:33.506	190.4	28	699
13:33:34.506		29.5	676
13:33:35.506		31.5	674
13:33:36.506		32.5	679

12.36061	234.586543	226.182063	11.4	0.000077	0.00008	0	20	3.6
10.75572	228.654714	226.259873	9.6	0.000058	0.00007	0	20	3.7
10.89681	222.778879	224.721727	8.3	0.000049	0.00007	0	20	3.7
11.64353	221.154165	226	7.5	0.000049	0.00007	0	20	3.7
11.4015	219.529451	225.642838	7.1	0.000048	0.00007	0	20	3.7
10.25134	217.904737	225.4	7	0.000049	0.00006	0	20	3.7
11.83396	216.280023	224.010541	6.8	0.000069	0.00008	0	20	3.6
13.69546	216.102807	224.45349	6.6	0.000073	0.00008	0	20	3.6
11.25908	216.729258	224.759767	6.5	0.000071	0.00007	0	20	3.5
10.59121	217.355708	225.4	6.7	0.00007	0.00007	0	20	3.5
11.37796	217.982158	224.854149	6.8	0.000074	0.00007	0	20	3.5
12.34292	219.067405	222.344469	6.9	0.000083	0.00007	0	20	3.5
14.90116	221.071624	224.7	7	0.000097	0.00008	0	20	3.5
14.95376	223.075844	224.7	6.9	0.000101	0.00009	0	20	3.5
13.65542	225.080063	224.7	7.1	0.000099	0.00008	0	20	3.5
13.46087	227.084283	225.040473	7.4	0.0001	0.00008	0	20	3.5
12.59599	226.257056	225.391099	7.9	0.0001	0.00007	0	20	3.5
8.57441	223.486494	224.155285	8.3	0.000086	0.00006	0	20	3.5
9.94265	220.715931	224.577822	8.6	0.000084	0.00006	0	20	3.5
9.51817	217.945368	224	8.5	0.000085	0.00006	0	20	3.5
9.81922	215.174805	220.963384	7.8	0.000085	0.00006	0	20	3.5
10.408	214.694583	224.025564	7	0.000085	0.00006	0	20	3.4
11.8139	214.277917	224.499851	6.5	0.000094	0.00007	0	20	3.3
9.12974	213.86125	223.761667	6.3	0.000077	0.00006	0	20	3.3
12.51768	213.444583	223.484477	6.2	0.000082	0.00007	0	20	3.3
13.7051	215.32625	220.1975	6.3	0.00009	0.00008	0	20	3.3
14.11168	220.474555	224	6.3	0.000091	0.00007	0	20	3.3
14.68494	225.62286	223.579534	6.6	0.000111	0.00008	0	20	3.2
15.75894	230.771165	224	6.9	0.000137	0.00009	0	20	3.3
17.38354	235.91947	226.35968	7.8	0.00016	0.0001	0	20	3.3
16.93955	236.825438	226.016118	8.2	0.000172	0.00009	0	20	3.3
11.33271	235.852044	224	8.7	0.000148	0.00008	0	20	3.3
13.53438	234.87865	224	10.2	0.000163	0.00008	0	20	3.4
13.52952	233.905256	223.661831	10.5	0.000155	0.00008	0	20	3.5
9.1325	232.754224	227.614147	10.4	0.000121	0.00007	0	20	3.5
8.41201	229.243142	223.481429	10.4	0.000108	0.00007	0	20	3.6
15.0267	225.732061	224	10.2	0.000128	0.00009	0	20	3.6
9.16299	222.220979	223.459193	9.7	0.000096	0.00007	0	20	3.6
11.73641	218.709897	223.99617	9.3	0.000093	0.00008	0	20	3.6
10.31526	215.511434	221.848748	9.3	0.00008	0.00007	0	20	3.6
10.44042	212.609744	223.4	9.2	0.000077	0.00007	0	20	3.6
11.02413	209.708055	223.4	9.1	0.00008	0.00007	0	20	3.6
11.51281	206.806366	223.4	8.8	0.000081	0.00007	0	20	3.6
14.60062	203.904677	217.614688	8.3	0.000087	0.00008	0	20	3.6
11.72221	213.345209	222.912694	8	0.000078	0.00008	0	20	3.7
17.16932	224.233711	223.4	7.7	0.000103	0.00011	0	20	3.7
21.88181	235.122213	223.4	7.8	0.00015	0.00013	0	20	3.6
26.8667	246.010714	223.4	8.4	0.000246	0.00016	0	20	3.6
30.22926	253.513807	236.21	9.5	0.000362	0.00017	0	20	3.5
29.02	253.229344	224	11.1	0.000398	0.00017	0	20	3.6
24.15883	252.94488	224	13	0.000361	0.00016	0	20	3.7
17.01967	252.660416	224	14.4	0.000241	0.00012	0	20	3.7
14.00588	252.375952	228.581905	15.2	0.000176	0.0001	0	20	3.8
14.0578	247.209047	226.027463	15.2	0.000126	0.0001	0	20	3.9
12.68194	240.263681	224	14.5	0.000083	0.00009	0	20	3.9
10.92954	233.318315	224	13.4	0.000061	0.00008	0	20	3.9
11.10075	226.372948	223.633294	11.6	0.000051	0.00007	0	20	3.9
11.68128	220.564101	222.238583	9.7	0.000047	0.00008	0	20	3.9
11.58887	218.979674	223.4	8.2	0.000044	0.00007	0	20	3.9
10.6779	217.395247	223.743411	7.3	0.000042	0.00007	0	20	3.9
10.41296	215.810819	223.405333	6.6	0.000043	0.00007	0	20	3.9
10.54784	214.226392	221.413911	6.1	0.000047	0.00007	0	20	3.9
10.40792	214.331522	222.617721	5.8	0.000051	0.00007	0	20	3.9

94.63479	0	0.62481
104.370835	0	0.62488
114.10688	0	0.62495
122.978505	0	0.62502
129.754206	0	0.62509
136.529907	0	0.62515
143.305607	0	0.62523
150.038898	0	0.62531
153.280389	0	0.62538
156.52188	0	0.62545
159.763371	0	0.62552
163.004862	0	0.62559
161.555809	0	0.62567
158.028838	0	0.62576
154.501867	0	0.62584
150.974896	0	0.62592
147.447925	0	0.62599
136.273335	0	0.62605
123.986204	0	0.62611
111.699073	0	0.62617
99.411942	0	0.62623
94.275149	0	0.62629
112.545014	0	0.62636
130.81488	0	0.62642
149.084746	0	0.62649
167.354611	0	0.62657
167.872801	0	0.62664
160.45283	0	0.62672
153.03286	0	0.62681
145.61289	0	0.62691
138.192919	0	0.627
127.551598	0	0.62708
116.824287	0	0.62716
106.096975	0	0.62724
95.369663	0	0.62731
89.592699	0	0.62738
94.681195	0	0.62747
99.76969	0	0.62754
104.858186	0	0.62762
109.946681	0	0.62769
110.143813	0	0.62776
109.064133	0	0.62783
107.984453	0	0.6279
106.904772	0	0.62798
106.741015	0	0.62806
111.315182	0	0.62817
115.889349	0	0.6283
120.463516	0	0.62846
125.037682	0	0.62863
121.5047	0	0.6288
111.880707	0	0.62896
102.256714	0	0.62908
92.632722	0	0.62918
84.715123	0	0.62928
91.65806	0	0.62937
98.600998	0	0.62945
105.543936	0	0.62952
112.486874	0	0.6296
122.145668	0	0.62967
134.586293	0	0.62974
147.026917	0	0.62981
159.467541	0	0.62988
171.285776	0	0.62995

13:33:37.506		32.7	682
13:33:38.506		33.9	682
13:33:39.506		33.9	682
13:33:40.506		34	681
13:33:41.506	190.9	33.9	680
13:33:42.506	190.9	42	778
13:33:43.506	191	53.4	992
13:33:44.506	191.1	59.5	1263
13:33:45.506	191.1	57.4	1419
13:33:46.506	191.2	17.4	1101
13:33:47.506	191.3	9.4	939
13:33:48.506	191.3	15.8	848
13:33:49.506	191.4	22.7	787
13:33:50.506	191.5	31.2	756
13:33:51.506	191.5	38.7	709
13:33:52.506	191.6	37.3	686
13:33:53.506	191.7	38.1	675
13:33:54.506	191.7	37	679
13:33:55.506	191.8	36.1	682
13:33:56.506	191.9	35.9	679
13:33:57.506	191.9	35.7	680
13:33:58.506	192	35.5	680
13:33:59.506	192.1	45.3	792
13:34:00.506	192.1	71.2	1293
13:34:01.506		83.4	1697
13:34:02.506		83.5	2117
13:34:03.506		72.5	2014
13:34:04.506		38.6	1622
13:34:05.506		21.9	1264
13:34:06.506		6.9	951
13:34:07.506		11.6	858
13:34:08.506		13.6	809
13:34:09.506	192.7	16.9	790
13:34:10.506	192.8	20.6	800
13:34:11.506	192.9	30	746
13:34:12.506	192.9	36.5	707
13:34:13.506	193	37.3	687
13:34:14.506	193.1	37.1	683
13:34:15.506	193.1	37.1	680
13:34:16.506	193.2	36.9	679
13:34:17.506	193.3	36.6	679
13:34:18.506	193.3	37.1	678
13:34:19.506	193.4	35.8	685
13:34:20.506	193.5	36.4	682
13:34:21.506	193.5	35.6	680
13:34:22.506	193.6	35.9	681
13:34:23.506	193.7	36	680
13:34:24.506	193.7	35.5	680
13:34:25.506	193.8	35.3	680
13:34:26.506	193.9	35.3	680
13:34:27.506	193.9	35.4	678
13:34:28.506	194	35.7	677
13:34:29.506		36.1	678
13:34:30.506		57.6	952
13:34:31.506		70.4	1374
13:34:32.506		83.7	1806
13:34:33.506		40	1635
13:34:34.506		14.1	1160
13:34:35.506		11.9	933
13:34:36.506	194.5	18.4	815
13:34:37.506	194.6	31.4	749
13:34:38.506	194.6	37.2	711
13:34:39.506	194.7	37.3	685

10.38	214.875	222.83609	5.4	0.000055	0.00007	0	20	3.8
10.38467	215.418478	223.4	5.3	0.000059	0.00007	0	20	3.8
10.36229	215.961957	223.4	5.2	0.000064	0.00007	0	20	3.8
10.38471	217.141511	220.056785	5	0.000068	0.00007	0	20	3.8
10.56086	220.963733	223.173973	4.9	0.000072	0.00007	0	20	3.8
14.69445	224.785956	223.285163	4.8	0.000103	0.00009	0	20	3.8
16.81321	228.608178	222.867063	4.9	0.000122	0.0001	0	20	3.8
24.36372	232.4304	225.194576	5.2	0.000225	0.00017	0	20	3.8
28.62026	232.654455	224.930668	5.9	0.000289	0.00018	0	20	3.7
19.27649	231.291998	222.847312	7.4	0.000253	0.00014	0	20	3.8
10.84776	229.929542	223.4	9.3	0.000159	0.0001	0	20	4.3
12.59011	228.567085	223.4	10.3	0.000133	0.00011	0	20	5
13.2928	227.219201	224.854937	10	0.000117	0.00011	0	20	4.8
10.77123	226.064928	223.4	9.3	0.000082	0.00009	0	20	4.5
10.85192	224.910655	223.211176	7.9	0.000061	0.00007	0	20	3.9
10.19115	223.756382	222.8	5.5	0.000051	0.00007	0	20	3.9
10.53557	222.602109	222.735753	2.9	0.000053	0.00007	0	20	3.9
10.50994	222.1	222.661045	1.1	0.000061	0.00007	0	20	3.9
10.15677	222.1	222.8	0.1	0.000066	0.00007	0	20	3.9
10.17987	222.1	222.695725	0	0.000071	0.00007	0	20	3.9
10.43811	222.1	222.1	0	0.000076	0.00007	0	20	3.9
10.40419	222.1	222.1	0	0.000079	0.00007	0	20	3.9
12.14915	241.969137	222.8	0	0.000099	0.00008	0	20	3.9
24.83489	263.016953	222.8	0.2	0.000241	0.00017	0	20	3.8
43.03895	284.064768	222.8	1.1	0.000486	0.00027	0	20	3.8
69.76056	305.112583	226.748828	3.6	0.000873	0.00126	0	20	11.8
59.95474	310.843755	241.073162	7.5	0.000846	0.00273	0	20	26.6
36.92893	305.160955	222.923758	11.3	0.000507	0.00254	0	20	36.7
23.67695	299.478155	223.4	14.9	0.000223	0.00117	0	20	32.4
9.6731	293.795354	223.139252	16.9	0.000107	0.00048	0	20	25.6
6.15551	288.112554	245.492828	17.4	0.000078	0.0003	0	20	19.7
12.07979	279.201175	222.258519	16.9	0.000088	0.0003	0	20	15
12.53282	270.101889	222.520623	16.1	0.000077	0.00025	0	20	11.7
11.04842	261.002603	222.1	14.5	0.000058	0.00017	0	20	8.6
10.67351	251.903317	225.117615	12.5	0.00005	0.00011	0	20	5.7
11.27714	247.806196	227.821643	10.7	0.000047	0.00008	0	20	4.2
10.82152	246.98864	221.632787	5.7	0.000046	0.00007	0	20	4
10.27	246.171084	221.5	4	0.00005	0.00007	0	20	3.9
10.30011	245.353528	221.5	2.9	0.000057	0.00007	0	20	3.9
10.41598	244.535972	229.848262	2.5	0.000064	0.00007	0	20	3.9
10.45974	243.687181	221.420213	2.1	0.000071	0.00007	0	20	3.9
10.6697	242.836952	221.065672	1.5	0.000077	0.00007	0	20	3.8
10.35988	241.986723	221.082432	0.7	0.00008	0.00007	0	20	3.8
10.40764	241.136494	221.458894	0.5	0.00008	0.00006	0	20	3.8
10.20064	240.303196	228.057836	0.4	0.000082	0.00007	0	20	3.8
10.51889	239.498848	221.5	0.2	0.000084	0.00007	0	20	3.8
10.52	238.6945	220.911827	0.1	0.000084	0.00007	0	20	3.7
10.44921	237.890152	221.334168	0	0.000084	0.00006	0	20	3.7
10.42826	237.085804	224.576269	0	0.000086	0.00006	0	20	3.7
10.55	236.332663	222.771049	0	0.000085	0.00006	0	20	3.7
10.44123	235.594903	220.9	0	0.000086	0.00006	0	20	3.6
10.43623	234.857143	220.9	0	0.000086	0.00006	0	20	3.6
10.40594	234.119383	220.9	0	0.000091	0.00007	0	20	3.6
18.27909	236.370233	225.931008	0.3	0.000112	0.00008	0	20	3.6
27.51174	245.729128	220.9	1	0.000243	0.00015	0	20	3.6
46.42135	255.088023	220.9	2.4	0.000456	0.00022	0	20	3.5
35.83832	264.446918	221.39475	5	0.000582	0.00067	0	20	9.2
20.47008	273.805813	222.600474	8.5	0.000301	0.00062	0	20	14.5
11.42622	275.657277	238.880389	10.8	0.00013	0.00036	0	20	15.3
12.74459	268.14554	221.603279	11.2	0.000097	0.00029	0	20	12.9
10.22697	260.633803	221.5	10	0.000066	0.00018	0	20	9.3
10.46621	253.122066	221.5	8	0.00005	0.00013	0	20	7.1
10.04786	246.952956	233.806676	5.8	0.000044	0.00008	0	20	4.9

175.200522	0	0.63002
179.115268	0	0.63009
183.030013	0	0.63016
186.944759	0	0.63023
193.643413	0	0.6303
203.419018	0	0.63039
213.194623	0	0.63049
222.970229	0	0.63066
232.745834	0	0.63084
206.436364	0	0.63098
179.163636	0	0.63108
151.890909	0	0.63119
124.618182	0	0.6313
112.926697	0	0.63139
129.668778	0	0.63146
146.41086	0	0.63153
163.152941	0	0.6316
179.895023	0	0.63167
181.404417	0	0.63174
181.837411	0	0.63181
182.270405	0	0.63188
182.703399	0	0.63195
193.924025	0	0.63203
228.603468	0	0.6322
263.282911	0	0.63247
297.962355	0	0.63373
332.641798	0	0.63646
291.464025	0	0.639
244.751605	0	0.64017
198.039185	0	0.64065
151.326766	0	0.64095
124.273446	0	0.64125
124.932352	0	0.6415
125.591259	0	0.64167
126.250165	0	0.64178
126.909071	0	0.64186
139.729557	0	0.64193
154.497024	0	0.642
169.264492	0	0.64207
184.031959	0	0.64214
193.71733	0	0.64221
192.847576	0	0.64228
191.977821	0	0.64235
191.108067	0	0.64241
190.238313	0	0.64248
189.383439	0	0.64255
188.534183	0	0.64262
187.684926	0	0.64268
186.835669	0	0.64274
186.007186	0	0.6428
186.456322	0	0.64286
186.905457	0	0.64292
187.354592	0	0.64299
187.803728	0	0.64307
179.701411	0	0.64322
164.961466	0	0.64344
150.22152	0	0.64411
135.481575	0	0.64473
120.74163	0	0.64509
129.200093	0	0.64538
142.959422	0	0.64556
156.71875	0	0.64569
170.478078	0	0.64577

13:34:40.506	194.8	37.3	679
13:34:41.506	194.8	36.7	680
13:34:42.506	194.9	36.6	682
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13:34:44.506	195	60.9	1149
13:34:45.506	195.1	65.6	1285
13:34:46.506	195.2	46	1147
13:34:47.506	195.2	30	940
13:34:48.506	195.3	39.7	981
13:34:49.506	195.4	42.1	1069
13:34:50.506	195.4	22.2	920
13:34:51.506	195.5	20	800
13:34:52.506	195.6	22.1	795
13:34:53.506	195.6	26.2	789
13:34:54.506	195.7	29.6	752
13:34:55.506	195.8	26.7	695
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13:34:57.506		74.1	1491
13:34:58.506		72.5	1587
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13:35:00.506		35.5	1608
13:35:01.506		14.8	1210
13:35:02.506		18.4	920
13:35:03.506		16.2	811
13:35:04.506	195.3	19.7	810
13:35:05.506	195.2	18.2	797
13:35:06.506	195.1	21.5	784
13:35:07.506	195.1	24.1	794
13:35:08.506	195	35.9	911
13:35:09.506	194.9	70.8	1340
13:35:10.506	194.9	65.4	1424
13:35:11.506	194.8	20.3	1235
13:35:12.506	194.8	30.8	1180
13:35:13.506	194.7	36.3	1222
13:35:14.506	194.6	27.7	1150
13:35:15.506	194.6	16.1	990
13:35:16.506	194.5	16.6	861
13:35:17.506	194.4	18.5	795
13:35:18.506	194.4	21.3	788
13:35:19.506	194.3	24.8	788
13:35:20.506	194.2	27.9	792
13:35:21.506	194.2	29.4	796
13:35:22.506	194.1	30.2	804
13:35:23.506	194	28.6	803
13:35:24.506		28.4	796
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13:35:26.506		23.9	697
13:35:27.506		33.3	800
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13:35:30.506		50.2	1343
13:35:31.506		24.2	1194
13:35:32.506	190.2	39.2	1228
13:35:33.506	189.7	41.7	1275
13:35:34.506	189.3	28.3	1149
13:35:35.506	188.8	17.7	938
13:35:36.506	188.4	19.4	883
13:35:37.506	187.9	25.4	896
13:35:38.506	187.4	59.9	1279
13:35:39.506	187	78.6	1487
13:35:40.506	186.5	74.3	1561
13:35:41.506	186.1	40.4	1501
13:35:42.506	185.6	23.9	1357

10.52725	246.698665	221.5	4.3	0.000046	0.00006	0	20	3.7
10.39473	246.444374	221.761378	3.7	0.000054	0.00006	0	20	3.7
10.56175	246.190083	221.601322	3.5	0.000069	0.00007	0	20	3.6
15.09825	245.935791	221.347603	3.4	0.000112	0.0001	0	20	3.6
18.69912	246.849313	228.645455	3.7	0.000151	0.00011	0	20	3.6
21.33061	249.101058	222.1	4.3	0.000188	0.00012	0	20	3.6
14.03654	251.352803	222.1	5.7	0.000154	0.00009	0	20	3.5
10.43987	253.604549	222.1	7.4	0.000149	0.00008	0	20	3.6
12.83619	255.687586	235.52439	8.7	0.000167	0.00009	0	20	3.6
14.84601	251.191028	222.1	8.9	0.000167	0.00009	0	20	3.6
9.851	246.694471	222.321818	8.8	0.000122	0.00007	0	20	3.6
11.33615	242.197913	222.31134	9.1	0.00011	0.00007	0	20	3.7
11.5485	237.701355	222.1	9.1	0.000107	0.00007	0	20	3.7
11.52216	236.897764	226.936154	8.6	0.000097	0.00007	0	20	3.7
11.37911	242.196874	222.8	8	0.000083	0.00007	0	20	3.7
10.33881	247.495984	222.8	7.4	0.000073	0.00007	0	20	3.6
16.23584	252.795094	222.13951	6.6	0.000135	0.00013	0	20	3.6
31.68598	258.094204	225.798764	6.4	0.000233	0.00018	0	20	3.6
29.5253	261.449665	233.201641	6.8	0.000342	0.00018	0	20	3.6
31.40197	263.188977	224	8.6	0.000429	0.00031	0	20	5.9
26.90322	264.92829	224.577865	11.2	0.000391	0.00033	0	20	7
13.65177	266.667603	224.853176	13.2	0.00019	0.00018	0	20	7.5
12.91855	268.406915	235.526667	14.3	0.000157	0.00015	0	20	6.6
12.90263	263.257933	229.039267	14.2	0.000119	0.00012	0	20	5.7
11.44652	256.09764	225.330444	13.7	0.000089	0.0001	0	20	4.8
11.01087	248.937347	225.4	12.7	0.000073	0.00007	0	20	3.9
10.96672	241.777055	225.4	10.9	0.000062	0.00007	0	20	3.7
11.2914	234.616762	227.792603	9.1	0.000059	0.00007	0	20	3.7
17.10085	238.235767	225.4	8.3	0.000089	0.00012	0	20	3.7
24.16561	243.638759	225.546471	8.1	0.000122	0.00014	0	20	3.7
22.03194	249.04175	226.421387	7.8	0.00017	0.00013	0	20	3.6
14.0956	254.444742	226.6	8.9	0.000173	0.0001	0	20	3.6
16.65773	255.317068	237.474118	10.5	0.000183	0.0001	0	20	3.6
14.33311	248.765798	227.027642	11.3	0.000167	0.00009	0	20	3.6
11.89841	242.214527	227.3	11.1	0.000129	0.00008	0	20	3.6
10.18073	235.663256	226.776882	11	0.000098	0.00007	0	20	3.7
11.90588	229.111985	227.576853	10.8	0.000096	0.00008	0	20	3.7
11.32971	225.592035	227.398182	10.4	0.000084	0.00007	0	20	3.7
11.69802	222.760177	227.327202	9.8	0.000074	0.00007	0	20	3.6
11.66727	219.928319	227.663772	9	0.000065	0.00007	0	20	3.7
11.79135	217.09646	227.3	8.1	0.000058	0.00007	0	20	3.7
11.9244	214.942009	222.1894	7.4	0.000055	0.00007	0	19.4	3.7
11.34752	214.406448	227.3	7.1	0.000054	0.00007	0	19.6	3.7
11.23714	213.870887	227.661047	7	0.000056	0.00007	0	20	3.7
11.26942	213.335326	227.9	7	0.000058	0.00007	0	20	3.7
10.38048	212.799764	226.764453	7.1	0.000057	0.00006	0	20	3.7
9.59272	219.805231	224.770455	6.9	0.000059	0.00006	0	20	3.7
13.88131	231.296828	228.388704	6.7	0.000094	0.0001	0	20	3.6
21.39806	242.788424	228.5	6.5	0.000137	0.00013	0	19.4	3.6
20.17088	254.280021	228.741502	6.4	0.000179	0.00013	0	19	3.6
16.77211	265.771618	240.003342	7.2	0.000195	0.00011	0	19	3.5
10.22013	261.53448	229.23962	9.7	0.000169	0.00008	0	19.6	3.5
14.39639	254.884514	229.57914	11	0.00019	0.00009	0	20	3.5
15.06382	248.234548	229.597754	11.3	0.000174	0.00009	0	20	3.5
9.4323	241.584582	230.033926	11.3	0.000132	0.00007	0	20	3.5
8.55639	239.16427	231.813772	11.4	0.000101	0.00006	0	20	3.6
8.66209	241.400132	229.31791	11.3	0.000087	0.00005	0	20	3.6
9.41554	243.635993	229.781818	10.9	0.000122	0.00009	0	20	3.6
20.29345	245.871854	229.342537	10.6	0.000164	0.00013	0	20	3.6
23.8041	248.107716	235.706518	9.7	0.000197	0.00014	0	20	3.6
23.1304	252.571028	230.5	10.1	0.000227	0.00012	0	20	3.5
17.98667	257.243925	230.5	11.7	0.000225	0.0001	0	20	3.4
13.28922	261.916822	230.5	13	0.000247	0.00011	0	20	3.4

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184.1263	0	0.64589
188.796222	0	0.64596
193.466143	0	0.64606
198.136065	0	0.64617
179.891396	0	0.64629
156.445255	0	0.64638
132.999115	0	0.64646
109.552975	0	0.64655
93.441536	0	0.64664
94.94336	0	0.64671
96.445183	0	0.64678
97.947007	0	0.64685
99.448831	0	0.64692
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221.175264	0	0.64737
254.529314	0	0.64755
233.511158	0	0.64786
199.405895	0	0.64819
165.300632	0	0.64837
131.195368	0	0.64852
99.300826	0	0.64864
104.672727	0	0.64874
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115.416529	0	0.64888
120.78843	0	0.64895
123.845177	0	0.64907
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113.152372	0	0.64934
107.80597	0	0.64944
102.459568	0	0.64954
98.967527	0	0.64963
96.171828	0	0.64971
93.376129	0	0.64978
90.58043	0	0.64986
88.971018	0	0.64993
101.581637	0	0.65
114.192257	0	0.65007
126.802876	0	0.65014
139.413496	0	0.65021
145.836336	0	0.65028
147.337838	0	0.65035
148.839339	0	0.65042
150.340841	0	0.65048
151.842342	0	0.65054
140.384043	0	0.65064
127.405319	0	0.65077
114.426596	0	0.6509
101.447872	0	0.65101
89.833678	0	0.65109
83.852542	0	0.65118
77.871406	0	0.65127
71.890269	0	0.65134
65.909133	0	0.6514
71.693269	0	0.65145
79.586275	0	0.65154
87.479281	0	0.65167
95.372287	0	0.65181
98.456136	0	0.65193
89.5925	0	0.65203
80.728864	0	0.65214

13:35:43.506	185.1	60.8	1640
13:35:44.506	184.7	19	1375
13:35:45.506	184.2	51.3	1187
13:35:46.506	183.8	36.7	1124
13:35:47.506	183.3	28.1	1038
13:35:48.506	182.8	27.7	1009
13:35:49.506	182.4	20.1	894
13:35:50.506	181.9	20.9	845
13:35:51.506	181.4	24.6	802
13:35:52.506		20.4	844
13:35:53.506		18	893
13:35:54.506		18.1	906
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13:35:56.506		59.5	1301
13:35:57.506		61.5	1402
13:35:58.506		60.2	1484
13:35:59.506	176.7	52.1	1493
13:36:00.506	176.1	36	1461
13:36:01.506	175.5	40.2	1499
13:36:02.506	174.9	63.1	1554
13:36:03.506	174.3	73.3	1643
13:36:04.506	173.7	84.4	1739
13:36:05.506	173.2	78.5	1634
13:36:06.506	172.6	50.5	1443
13:36:07.506	172	41.8	1434
13:36:08.506	171.4	38.6	1444
13:36:09.506	170.8	23.6	1431
13:36:10.506	170.2	17.1	1410
13:36:11.506	169.6	27.1	1370
13:36:12.506	169	58.4	1386
13:36:13.506	168.4	73.5	1452
13:36:14.506	167.8	73.3	1526
13:36:15.506	167.2	41	1533
13:36:16.506	166.6	5.5	1482
13:36:17.506	166	0	1330
13:36:18.506	165.4	4.6	1031
13:36:19.506		17.4	851
13:36:20.506		23	834
13:36:21.506		26.5	780
13:36:22.506		19.6	852
13:36:23.506		30.1	1000
13:36:24.506		60.1	1283
13:36:25.506		42.4	1188
13:36:26.506		54.7	1317
13:36:27.506	170.8	73.3	1457
13:36:28.506	171.4	86.5	1709
13:36:29.506	172.1	93.8	1888
13:36:30.506	172.7	91.8	1915
13:36:31.506	173.4	76.7	1579
13:36:32.506	174	73.3	1677
13:36:33.506	174.7	89.3	1736
13:36:34.506	175.3	85.1	1449
13:36:35.506	176	85.3	1525
13:36:36.506	176.6	86.3	1614
13:36:37.506	177.3	77	1697
13:36:38.506	177.9	69.7	1666
13:36:39.506	178.6	74.2	1537
13:36:40.506	179.2	89.9	1571
13:36:41.506	179.9	81.7	1620
13:36:42.506	180.5	81.7	1660
13:36:43.506	181.2	62.5	1697
13:36:44.506	181.8	44.3	1426
13:36:45.506	182.5	88.6	1439

26.70365	266.58972	231.186146	13.7	0.00032	0.00015	0.00004	20	3.4
17.58626	266.318661	240.085597	13.8	0.000236	0.00012	0.00006	20	3.4
13.9614	261.610238	231.209869	14.2	0.000182	0.00009	0.00005	20	3.3
11.76561	256.901814	231.1	14.9	0.000141	0.00007	0.00002	20	3.3
9.92423	252.193391	231.1	15.4	0.000128	0.00006	0.00002	20	3.3
9.54089	247.484968	236.117095	15.6	0.000116	0.00006	0.00001	20	3.2
7.23058	241.807862	231.445197	15.4	0.000095	0.00005	0.00001	20	3.1
8.33	236.019525	231.1	15.1	0.000083	0.00005	0.00001	20	3.2
8.27587	230.231188	230.780406	14.9	0.000077	0.00005	0.00001	20	3.2
8.969	224.442851	230.988942	14.4	0.000073	0.00005	0.00001	20	3.2
8.70618	221.132884	226.324081	13.6	0.000069	0.00005	0.00001	20	3.2
10.3162	224.626833	230.5	12.2	0.000074	0.00006	0.00001	20	3.2
14.61073	228.120781	230.5	11.3	0.000092	0.00008	0.00001	20	3.3
17.67261	231.614729	230.5	10.6	0.000105	0.0001	0.00001	20	3.3
19.48011	235.108678	231.935837	10.4	0.000137	0.00011	0	20	3.3
17.9392	236.43166	231.251327	11	0.000172	0.0001	0	20	3.2
15.52814	237.480827	231.1	11.9	0.000187	0.00009	0	20	3.2
16.42994	238.529994	231.281684	12.7	0.000205	0.0001	0	20	3.3
18.97983	239.579161	231.36045	12.9	0.000217	0.00011	0.00001	20	3.3
20.06715	241.097704	234.982212	13.5	0.000251	0.00013	0.00004	20	3.2
34.21912	259.53118	231.23169	13.6	0.000314	0.00017	0.00009	20	3.2
50.79172	277.964657	231.7	13.9	0.000653	0.00026	0.00008	20	3.1
37.77337	296.398133	232.283847	15	0.000615	0.00028	0.00006	20	4.5
16.20161	314.831609	232.4	17	0.000367	0.00039	0.00004	20	10
16.02428	320.460655	267.792122	19.4	0.000298	0.00043	0.00002	20	11.7
16.81297	304.004673	232.4	20.5	0.000211	0.00033	0	20	10.2
14.40296	287.548691	231.722416	20.5	0.000151	0.00021	0	20	7.4
17.02978	271.092709	231.937935	20.5	0.000118	0.00011	0	20	4.5
17.84248	254.636727	238.573529	20.4	0.000105	0.00008	0	20	3.2
23.1073	258.664865	231.802162	20	0.000126	0.00011	0	20	3.3
25.04236	264.07027	232.015522	19.7	0.000167	0.00014	0	20	3.3
19.03521	269.475676	231.7	19.8	0.000201	0.00012	0	20	3.2
14.06184	274.881081	234.783803	20.8	0.000181	0.00008	0	20	3.2
10.01727	270.290061	240.998421	21.7	0.000155	0.00006	0	20	3.1
8.26476	259.253978	231.7	21.9	0.000128	0.00005	0.00002	20	3.2
6.64714	248.217894	231.1	20.8	0.000103	0.00005	0.00004	20	3.2
9.11698	237.181811	231.1	18.9	0.000094	0.00005	0.00006	20	3.3
8.48189	226.145727	229.074932	17.3	0.00008	0.00005	0.00008	20	3.3
8.81705	224.183093	230.687708	16	0.000066	0.00005	0.00007	20	3.3
8.57353	223.588264	230.954936	14.9	0.000053	0.00005	0.00006	20	3.3
17.17819	222.993434	230.5	13.2	0.00006	0.00007	0.00006	20	3.4
18.83092	222.398604	230.5	11.7	0.000068	0.00008	0.00006	20	3.4
10.588	232.832126	228.283158	10.8	0.00007	0.00008	0.00002	20	3.4
16.84795	254.382578	230.5	10.9	0.000114	0.0001	0.00002	20	3.3
21.58185	275.933031	231.073228	11	0.00018	0.00012	0	20	3.3
35.39921	297.483484	231.1	11.3	0.00037	0.00018	0.00001	20	3.3
53.7072	319.033937	251.706911	12.4	0.000815	0.0003	0.00006	20	3.2
58.85957	335.622828	237.950299	13.9	0.000907	0.00071	0.00003	20	7.8
38.34855	350.566674	233.147801	16.2	0.000714	0.00098	0.00003	20	13.8
32.96902	365.51052	233.6	19.2	0.000577	0.00094	0	20	15.8
31.60773	380.454366	234.249801	22	0.000519	0.00076	0	20	13.8
30.98918	391.870213	289.028609	23.9	0.000513	0.00059	0	20	11.1
36.95082	397.721277	234.59172	25.5	0.00062	0.0005	0	20	8.2
44.77819	403.57234	236.4	26.7	0.000792	0.00054	0	20	7.2
36.73988	409.423404	236.18361	28.1	0.000749	0.00063	0	20	8.9
28.76784	415.274468	267.872702	29.8	0.000571	0.00061	0	20	10.7
23.45459	418.513405	265.329474	31.3	0.000477	0.00055	0	20	10.7
37.0665	420.567773	238.1	32.5	0.000546	0.00049	0	20	8.6
35.15636	422.622142	238.921252	33.4	0.000609	0.00041	0	20	6.9
33.88585	424.67651	239.642753	34.4	0.000599	0.00038	0	20	6.4
27.66533	426.730878	295.123562	35.5	0.000544	0.00034	0	20	6.2
23.9797	428.88872	240.019544	36.4	0.000405	0.00025	0	20	5.5
29.85466	431.06216	240.712206	37.3	0.000371	0.00024	0	20	5.1

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79.60334	0	0.656
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56.329486	0	0.65659
50.426778	0	0.65664
44.150628	0	0.65669
37.874477	0	0.65674
31.598326	0	0.65679
27.442985	0	0.65684
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67.525916	0	0.65704
80.886892	0	0.65712
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84.443146	0	0.65853
79.724045	0	0.65951
75.004944	0	0.66045
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69.678298	0	0.66284
73.082553	0	0.66347
76.486809	0	0.66408
79.891064	0	0.66463
76.7318	0	0.66512
73.35556	0	0.66553
69.979321	0	0.66591
66.603081	0	0.66625
67.714889	0	0.6665
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13:36:53.506		95.3	1387
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13:36:55.506	182	98.7	1747
13:36:56.506	181.9	87.8	1846
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13:36:58.506	181.6	80.6	1962
13:36:59.506	181.5	77.8	2008
13:37:00.506	181.4	71.1	1897
13:37:01.506	181.2	79.6	1695
13:37:02.506	181.1	89	1715
13:37:03.506	181	86.6	1733
13:37:04.506	180.8	90.4	1755
13:37:05.506	180.7	84.3	1775
13:37:06.506	180.6	90.8	1793
13:37:07.506	180.4	96.4	1813
13:37:08.506	180.3	93.1	1847
13:37:09.506	180.2	89	1884
13:37:10.506	180	87.4	1918
13:37:11.506	179.9	91.1	1953
13:37:12.506	179.8	89.6	1996
13:37:13.506	179.6	87.7	2041
13:37:14.506		83.9	2079
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13:37:17.506		3.9	1734
13:37:18.506		34.9	1722
13:37:19.506		67	1720
13:37:20.506		89.6	1726
13:37:21.506	171.9	96.1	1739
13:37:22.506	171	79.9	1748
13:37:23.506	170	94.1	1757
13:37:24.506	169	87.8	1764
13:37:25.506	168	78.5	1776
13:37:26.506	167	58.9	1778
13:37:27.506	166	57.2	1781
13:37:28.506	165	8.9	1780
13:37:29.506	164	0.1	1774
13:37:30.506	163	0	1764
13:37:31.506	162	0	1759
13:37:32.506	161	0	1752
13:37:33.506	160	0	1746
13:37:34.506	159	0	1738
13:37:35.506	158	0	1730
13:37:36.506	157	3.3	1726
13:37:37.506	156	38.4	1731
13:37:38.506	155	6.4	1732
13:37:39.506	154.1	0	1726
13:37:40.506	153.1	0	1716
13:37:41.506		0	1709
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36.58694	433.235601	241.638239	37.6	0.000494	0.00025	0	20	4.5
40.94328	435.409042	243.013333	38	0.000683	0.00033	0	20	4.9
52.96463	436.736393	325.372143	38.2	0.000896	0.00069	0	20	8.4
52.77835	435.752787	245.23099	38.9	0.000835	0.00137	0	20	17.1
25.6287	434.76918	246.311433	39.5	0.000474	0.00111	0	20	21.9
27.41188	433.785574	247.163338	41.2	0.000382	0.00089	0	20	20
22.2768	432.801967	316.798732	43.4	0.000364	0.00059	0	20	14
37.59785	455.074326	248.405364	43.8	0.000638	0.00063	0	20	9.6
63.27234	477.393289	250.187179	44.2	0.001172	0.00072	0	20	6.9
81.22039	499.712253	253.608684	44.6	0.001619	0.001	0.00039	20	7.4
74.39529	522.031217	258.923132	45.6	0.00152	0.00276	0.00073	20	21.2
74.84263	537.724848	378.003811	47	0.001408	0.00475	0.00066	20	37.4
75.65794	537.118788	269.474006	48.9	0.001382	0.00541	0.00028	20	41.6
71.65244	536.512727	274.791536	50.6	0.001245	0.00435	0.00003	20	35.7
53.18799	535.906667	279.726376	52	0.000919	0.00288	0	20	30.6
49.63096	535.300606	326.129372	53.2	0.00081	0.00193	0	20	23.7
57.72616	538.904088	317.111716	54	0.000985	0.00186	0	20	20
53.15859	544.590317	289.698507	54.4	0.001054	0.00183	0	20	19
64.74576	550.276547	293.588089	54.5	0.001246	0.00221	0	20	20
61.51774	555.962777	297.788782	54.9	0.001098	0.00221	0	20	21.8
54.39168	562.709691	409.370976	55.4	0.001039	0.00203	0	20	21.3
68.55514	572.053455	305.828485	56.8	0.001322	0.00226	0	20	19.3
86.6929	581.397219	311.212563	57.6	0.001631	0.00326	0	20	23
84.72288	590.740982	317.718003	58.3	0.001561	0.00489	0	20	35.1
79.74581	600.084746	372.13542	59.3	0.00148	0.00554	0	20	41
83.96076	603.484727	371.15	60.6	0.001584	0.00545	0	20	38.2
98.53566	604.189273	335.560817	61.8	0.001791	0.00592	0	20	36.5
95.74051	604.893818	341.294706	62.9	0.001731	0.00773	0	20	48.1
83.8528	605.598364	347.946044	64.2	0.001432	0.00763	0	20	54.6
58.11001	596.92036	459.58529	65.6	0.000821	0.00372	0	20	43.2
24.06993	565.04661	355.688863	66.9	0.000468	0.00169	0	20	30.7
23.9429	533.172861	356.1	67.7	0.000312	0.00089	0	20	19.8
21.59122	501.299111	356.8	67.7	0.000238	0.00054	0	20	11.8
31.00381	469.425361	383.331199	67.1	0.000271	0.00039	0	20	7.9
46.82359	470.734329	369.116602	66.6	0.000543	0.00035	0	20	5
64.01397	480.917256	362.004136	66.5	0.000935	0.00042	0	20	4.5
39.46399	491.100183	364.84968	66.7	0.000723	0.00043	0	20	5.9
37.04875	501.28311	366.744891	67.1	0.000541	0.00039	0	20	6.7
41.28526	511.466037	411.115928	67.3	0.000638	0.00038	0	20	5.7
35.65787	495.695	370.146326	68	0.000589	0.00027	0	20	4.4
26.88	476.011456	371.707303	68.2	0.000443	0.00021	0	20	4.4
23.28515	456.327911	372.824304	68.6	0.000349	0.00018	0	20	4.3
22.62602	436.644367	373.807403	68.7	0.000292	0.00017	0	20	4.2
21.68005	416.178821	395.863274	68.9	0.000315	0.00028	0.00001	20	4.2
53.02323	390.433248	375.389273	68.9	0.00021	0.00037	0	20	4.2
55.00721	364.687675	377.435242	68.8	0.000097	0.00037	0	20	4.2
57.68916	338.942102	379.803175	68.5	0.000057	0.00038	0	20	4.1
60.85172	313.196528	363.926761	68	0.000042	0.0004	0	20	4.1
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60.52095	294.613602	385.870354	67.7	0.00004	0.00037	0	20	4
45.92543	286.782139	386.965457	67.2	0.000024	0.00022	0	20	4
23.13793	278.950676	384.390502	67	0.00003	0.00016	0	20	3.9
18.3356	271.49594	357.471322	66.7	0.000053	0.00015	0	20	3.9
43.40456	264.466026	388	66.8	0.000131	0.0003	0	20	3.9
57.30539	257.436111	388.7	66.9	0.000072	0.00035	0	20	3.8
59.48893	250.406197	389.020886	66.6	0.000041	0.00037	0	20	3.9
58.95121	243.376282	351.52247	66.4	0.000041	0.00037	0	20	3.9
58.33623	237.556787	376.793026	66.1	0.000041	0.00037	0	20	3.9
57.71513	232.05905	388.667188	65.7	0.00004	0.00036	0	20	3.9
57.61985	226.561312	388	65.4	0.00004	0.00036	0	20	3.9
56.24386	221.063575	386.511216	65.1	0.00004	0.00036	0	20	3.9
57.17289	215.926229	327.331148	64.8	0.000039	0.00035	0	20	3.8
55.52228	211.402523	382.76803	64.6	0.000039	0.00034	0	20	3.8

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114.471995	0	0.76265
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0.839565	0	0.76588

13:37:49.506	150.9	0	1634
13:37:50.506	150.7	0	1593
13:37:51.506	150.5	0	1530
13:37:52.506	150.3	0	1473
13:37:53.506	150.1	0	1672
13:37:54.506	149.9	0	1630
13:37:55.506	149.7	8.4	1610
13:37:56.506	149.6	58.7	1619
13:37:57.506	149.4	88	1637
13:37:58.506	149.2	93.2	1671
13:37:59.506	149	92	1705
13:38:00.506	148.8	76.8	1738
13:38:01.506	148.6	67.3	1538
13:38:02.506	148.4	70.1	1477
13:38:03.506	148.2	66.2	1486
13:38:04.506	148	73.3	1494
13:38:05.506	147.8	74.6	1506
13:38:06.506	147.6	75.3	1516
13:38:07.506	147.4	75.3	1526
13:38:08.506		73.1	1531
13:38:09.506		77.4	1539
13:38:10.506		85.4	1547
13:38:11.506		83.8	1561
13:38:12.506		54.4	1558
13:38:13.506		48.3	1552
13:38:14.506		26.6	1540
13:38:15.506		0	1517
13:38:16.506	151.9	0	1497
13:38:17.506	152.5	0	1471
13:38:18.506	153.1	0	1441
13:38:19.506	153.7	0	1408
13:38:20.506	154.3	0	1342
13:38:21.506	154.8	0	1425
13:38:22.506	155.4	0	1426
13:38:23.506	156	6.4	1410
13:38:24.506	156.6	22.4	1619
13:38:25.506	157.2	66.5	2341
13:38:26.506	157.8	47.8	1922
13:38:27.506	158.4	7.3	1689
13:38:28.506	159	0	1255
13:38:29.506	159.5	6.2	1349
13:38:30.506	160.1	41.8	1458
13:38:31.506	160.7	68.7	1474
13:38:32.506	161.3	67.3	1512
13:38:33.506	161.9	53.7	1551
13:38:34.506	162.5	60.3	1367
13:38:35.506	163.1	82.1	1343
13:38:36.506		82	1393
13:38:37.506		70.4	1443
13:38:38.506		47.5	1470
13:38:39.506		17.8	1478
13:38:40.506		3.5	1471
13:38:41.506		21.9	1465
13:38:42.506		40.5	1475
13:38:43.506	160	20.7	1480
13:38:44.506	159.6	9	1480
13:38:45.506	159.1	10.2	1477
13:38:46.506	158.6	29	1481
13:38:47.506	158.2	47.6	1486
13:38:48.506	157.7	52.2	1510
13:38:49.506	157.3	75.5	1537
13:38:50.506	156.8	85.9	1581
13:38:51.506	156.4	69.1	1618

54.86786	206.878817	379.650588	64.3	0.000038	0.00033	0	20	3.8
52.43942	202.355111	377.268795	64.1	0.000036	0.00032	0	20	3.8
49.67909	197.831405	332.912603	63.5	0.000034	0.00029	0	20	3.8
45.0384	194.29121	362.199851	62.1	0.000034	0.0003	0	20	3.8
54.22074	191.041483	366.953982	60.7	0.000037	0.00032	0	20	3.8
52.02259	187.791756	361.753947	56.2	0.000034	0.0003	0	20	3.8
39.49032	184.542028	357.29562	53.7	0.000018	0.00016	0	20	3.8
23.09353	189.553156	271.332454	52.5	0.000033	0.00017	0	20	3.8
39.16319	230.479122	351.749406	51.8	0.000154	0.00021	0	20	3.8
48.83798	271.405088	347.947692	51.9	0.000499	0.00027	0	20	3.6
53.30206	312.331055	343.76	52.5	0.000787	0.0003	0	20	3.5
41.97001	353.257021	342.000765	53.6	0.000753	0.00028	0	20	3.6
29.16186	367.149772	340.548947	54.6	0.000534	0.00022	0	20	3.7
23.82617	363.613213	329.942857	55.4	0.000384	0.00017	0	20	3.8
19.30771	360.076654	326.987273	56.6	0.0003	0.00014	0	20	3.8
23.97764	356.540095	324.254654	57.1	0.00032	0.00015	0	20	3.7
23.0258	353.003537	333.525832	57.5	0.000335	0.00015	0.00003	20	3.7
25.10509	358.05987	318.961502	57.8	0.000372	0.00016	0.00012	20	3.7
25.12924	363.124805	315.635085	58.2	0.000396	0.00016	0.00014	20	3.7
24.16741	368.18974	312.580412	58.6	0.000414	0.00016	0.00012	20	3.7
29.13168	373.254675	309.927348	58.9	0.000452	0.00018	0.00007	20	3.7
34.78264	374.458538	329.802899	59.3	0.000575	0.00022	0.00004	20	3.7
36.38156	369.335946	302.121785	59.5	0.000633	0.00022	0.00002	20	3.6
25.25907	364.213354	298.209637	59.8	0.000517	0.00019	0	20	3.6
19.14505	359.090762	295.583936	60.2	0.00032	0.00013	0	20	3.6
21.11541	353.96817	306.938378	60.4	0.00039	0.0002	0	20	3.7
38.44767	333.506576	295.606355	60.1	0.000286	0.00025	0	20	3.8
39.95285	309.470295	287.03668	59.5	0.000128	0.00025	0	20	3.8
39.64407	285.434014	283.68429	58.7	0.000064	0.00024	0	20	3.7
38.9962	261.397732	280.687534	57.8	0.000039	0.00023	0	20	3.6
38.88756	243.217301	266.451266	56.8	0.000027	0.00023	0	20	3.6
37.05578	233.784137	275.318478	55.7	0.000027	0.00023	0	20	3.6
39.73038	224.350973	272.579728	54.3	0.000028	0.00022	0	20	3.5
40.22072	214.917809	270.690229	51.4	0.000028	0.00022	0	20	3.5
38.58206	205.484645	258.076402	45.9	0.000023	0.00019	0	20	3.5
24.13215	207.620795	259.057899	41.4	0.000026	0.00014	0	20	3.4
60.34367	215.378292	266.075213	39.8	0.000145	0.0002	0	20	3.4
34.75865	223.135789	265.100405	35.5	0.000268	0.00019	0	20	3.3
23.16346	230.893286	264.259518	34.9	0.000202	0.00012	0	20	3.3
12.29447	238.647976	252.644391	34.9	0.000115	0.00008	0	20	3.3
13.61141	246.365948	263.3	34.5	0.000087	0.00008	0	20	3.3
22.04797	254.083919	262.873913	34.2	0.000095	0.00013	0	20	3.4
27.96609	261.801891	262.6	33.4	0.000137	0.00015	0	20	3.4
28.20234	269.519862	263.50137	32.5	0.000234	0.00016	0	20	3.5
22.75465	281.429848	264.408974	32.3	0.000284	0.00014	0	20	3.4
21.67197	296.43828	261.8	33.1	0.000358	0.00015	0	20	3.4
33.64718	311.446712	262.508718	34	0.000431	0.00018	0	20	3.4
35.08659	326.455143	262.6	34.4	0.000527	0.00019	0	20	3.3
27.367	341.463575	282.386228	34.6	0.000508	0.00017	0	20	3.2
22.16117	330.571921	263.894256	35.2	0.000379	0.00013	0	20	3.2
19.47355	314.41298	263.3	35.2	0.000298	0.00012	0	20	3.2
18.66773	298.25404	263.3	36.4	0.000218	0.00011	0	20	3.3
17.65824	282.095099	263.828905	39.5	0.000155	0.00012	0	20	3.5
21.10128	268.577539	266.779819	39	0.000114	0.00012	0	20	3.5
17.54786	261.193947	264	38.8	0.000094	0.0001	0	20	3.4
16.09732	253.810355	264	39	0.000108	0.00011	0	20	3.5
16.41098	246.426763	264.6	39.2	0.000112	0.00011	0	20	3.5
17.76047	239.043171	258.886912	39.1	0.000087	0.00011	0	20	3.6
20.99659	252.294599	262.88125	39	0.000096	0.00012	0	20	3.6
22.80865	270.998263	265.311631	39.1	0.000146	0.00014	0	20	3.5
31.17525	289.701928	266	39.5	0.000288	0.00018	0	20	3.5
40.86431	308.405592	266	39.9	0.000503	0.00022	0	20	3.4
34.62191	325.651529	292.204028	40.7	0.000527	0.00019	0	20	3.4

0.622174	0	0.76621
0.404783	0	0.76653
0.187391	0	0.76682
1.773019	0	0.76712
14.620985	0	0.76744
27.468951	0	0.76774
40.316916	0	0.7679
53.164882	0	0.76807
63.269869	0	0.76828
70.256769	0	0.76855
77.243668	0	0.76885
84.230568	0	0.76913
91.217467	0	0.76935
84.310024	1	0.76952
75.650141	1	0.76966
66.990258	1	0.76981
58.330375	1	0.76996
52	1	0.77012
52	1	0.77028
52	1	0.77044
52	1	0.77062
52	1	0.77084
51.528017	1	0.77106
50.881466	1	0.77125
50.234914	1	0.77138
49.588362	1	0.77158
48.05157	1	0.77183
37.513453	1	0.77208
26.975336	1	0.77232
16.43722	1	0.77255
5.899103	1	0.77278
1.72549	0	0.77301
1.28976	0	0.77323
0.854031	0	0.77345
0.418301	0	0.77364
0.209242	0	0.77378
5.440279	0	0.77398
10.671316	0	0.77417
15.902354	0	0.77429
21.133391	0	0.77437
35.273043	0	0.77445
60.213403	1	0.77458
85.153763	1	0.77473
110.094123	1	0.77489
135.034483	1	0.77503
139.904107	1	0.77518
140.979144	1	0.77536
142.054182	1	0.77555
143.12922	1	0.77572
140.092228	1	0.77585
119.525005	1	0.77597
98.957783	1	0.77608
78.390561	1	0.7762
57.823338	1	0.77632
49.380582	1	0.77642
50.047101	1	0.77653
50.713619	1	0.77664
51.380138	1	0.77675
53.463678	1	0.77687
74.373356	1	0.77701
95.283035	1	0.77719
116.192714	1	0.77741
137.102393	1	0.7776

13:38:52.506	155.9	54.9	1513
13:38:53.506	155.5	57.2	1362
13:38:54.506	155	57.2	1371
13:38:55.506	154.5	56.4	1373
13:38:56.506	154.1	57.5	1376
13:38:57.506	153.6	17.7	1367
13:38:58.506	153.2	36.5	1355
13:38:59.506	152.7	51.2	1350
13:39:00.506	152.3	40.5	1346
13:39:01.506	151.8	33.4	1340
13:39:02.506	151.4	49.1	1329
13:39:03.506	150.9	55.7	1329
13:39:04.506		58.7	1332
13:39:05.506		67	1337
13:39:06.506		72.6	1343
13:39:07.506		72.4	1350
13:39:08.506		72.8	1355
13:39:09.506		73.8	1359
13:39:10.506		66.6	1360
13:39:11.506	153.8	59.7	1359
13:39:12.506	154.2	51.1	1353
13:39:13.506	154.6	50.6	1344
13:39:14.506	155	46.1	1335
13:39:15.506	155.4	40.6	1321
13:39:16.506	155.8	34.9	1309
13:39:17.506	156.2	29.6	1284
13:39:18.506	156.6	7	1270
13:39:19.506	157	0.6	1244
13:39:20.506	157.4	0	1214
13:39:21.506	157.8	24.2	1200
13:39:22.506	158.2	31.1	1188
13:39:23.506	158.5	42.7	1181
13:39:24.506	158.9	53	1187
13:39:25.506	159.3	36.5	1186
13:39:26.506	159.7	39.3	1184
13:39:27.506	160.1	52.8	1190
13:39:28.506	160.5	46.4	1198
13:39:29.506	160.9	24.5	1204
13:39:30.506	161.3	3.3	1208
13:39:31.506		2.7	1202
13:39:32.506		25	1186
13:39:33.506		53.5	1166
13:39:34.506		5.1	1171
13:39:35.506		0	1175
13:39:36.506		0	1178
13:39:37.506		0	1163
13:39:38.506		0	1126
13:39:39.506	158.4	0	1246
13:39:40.506	158	0	1310
13:39:41.506	157.6	0	1408
13:39:42.506	157.2	0	1612
13:39:43.506	156.8	0	1656
13:39:44.506	156.4	0	1565
13:39:45.506	156	0	1501
13:39:46.506	155.7	0	1453
13:39:47.506	155.3	0	1394
13:39:48.506	154.9	2.7	1169
13:39:49.506	154.5	11.4	851
13:39:50.506	154.1	11.8	820
13:39:51.506	153.7	24.4	922
13:39:52.506	153.3	54.5	1330
13:39:53.506	152.9	76.8	1521
13:39:54.506	152.5	68.8	1413

23.78129	323.53052	267.3	41.4	0.000386	0.00015	0	20	3.4
20.75906	321.409511	267.027031	41.7	0.000319	0.00014	0	20	3.5
20.62458	319.288502	267.217213	42.8	0.000278	0.00013	0	20	3.5
20.1991	317.167493	272.384262	43.5	0.000262	0.00012	0	20	3.5
20.5977	312.409208	277.905921	43.7	0.000255	0.00012	0	20	3.5
17.19617	305.825804	266.814355	43.8	0.000229	0.00011	0	20	3.5
15.38855	299.242401	266.7	43.9	0.000197	0.0001	0	20	3.5
19.08253	292.658997	266.894055	43.9	0.000186	0.00011	0	20	3.5
18.50121	286.075593	272.657569	43.8	0.000158	0.0001	0	20	3.6
15.7269	286.302961	266.7	43.9	0.000159	0.0001	0	20	3.6
19.1787	287.57512	266.7	43.7	0.000181	0.00011	0	20	3.6
20.81189	288.847278	266.7	43	0.000195	0.00012	0	20	3.5
20.943	290.119437	266.7	42.9	0.000222	0.00013	0	20	3.5
24.34684	291.890526	277.187413	42.7	0.000277	0.00014	0	20	3.4
23.46868	300.092281	265.827796	42.8	0.000316	0.00014	0	20	3.4
23.5284	308.294035	265.600147	42.9	0.00035	0.00014	0	20	3.4
24.09764	316.495789	265.370103	43	0.000372	0.00014	0	20	3.3
24.26898	324.697544	265.3	43.2	0.000383	0.00014	0	20	3.3
22.53949	327.086945	283.002597	43.4	0.000361	0.00013	0	20	3.2
21.16715	323.936446	265.3	43.5	0.000342	0.00012	0	20	3.2
19.52985	320.785947	264.6	43.6	0.000311	0.00011	0	20	3.2
19.36	317.635449	264.6	43.6	0.000279	0.00011	0	20	3.2
18.00211	313.71772	287.012066	43.4	0.000241	0.0001	0	20	3.2
15.05993	302.894921	264.436186	43.2	0.000204	0.00009	0	20	3.2
14.92472	292.072122	264	42.9	0.000183	0.00009	0	20	3.2
15.69826	281.249324	264	42.7	0.000165	0.00009	0	20	3.3
14.11398	270.426525	263.650275	41.9	0.000135	0.00008	0	20	3.3
10.78341	262.262907	264.379412	41.5	0.000101	0.00007	0	20	3.3
9.88366	255.93957	263.441505	41.3	0.000084	0.00007	0	20	3.3
14.94776	249.616232	263.153488	40.7	0.000082	0.00009	0	20	3.3
14.18311	243.292894	262.947939	39.8	0.000057	0.00008	0	20	3.3
16.27207	236.969557	253.120188	39.1	0.000067	0.00009	0	20	3.3
16.87438	239.383275	262.6	38.7	0.000081	0.00009	0	20	3.3
13.22479	241.894169	262.6	38.3	0.000096	0.00008	0	20	3.2
14.20304	244.405063	262.6	38.2	0.000124	0.00008	0	20	3.2
17.87279	246.915958	262.6	38.3	0.000145	0.00009	0	20	3.2
13.79546	247.812329	255.878161	38.3	0.000138	0.00008	0	20	3.2
14.08039	240.826027	262.6	38.5	0.000135	0.00008	0	20	3.1
13.12281	233.839726	262.6	38.7	0.000126	0.00007	0	20	3.1
10.86542	226.853425	262.6	39.1	0.000116	0.00008	0	20	3.1
15.77563	219.867123	253.267347	39	0.000105	0.00009	0	20	3.2
16.60068	215.821911	258.829659	39	0.000072	0.00008	0	20	3.2
11.38842	212.558508	262.6	38.6	0.00005	0.00006	0	20	3.2
9.88245	209.295105	262.6	37.8	0.000056	0.00006	0	20	3.2
9.67093	206.031702	262.6	38.2	0.000058	0.00005	0	20	3.2
9.25012	202.660964	236.317775	38	0.000055	0.00005	0	20	3.2
8.92757	197.885803	262.403404	37.6	0.000047	0.00005	0	20	3.2
9.53362	193.110642	261.8	37.5	0.000044	0.00005	0	20	3.2
10.52411	188.335482	261.8	36.5	0.000038	0.00006	0	20	3.1
11.03782	183.560321	261.8	32.8	0.00003	0.00006	0	20	3
12.95312	179.151405	233.362338	28.7	0.000028	0.00007	0	20	3
14.88884	175.289573	261.8	26.2	0.000023	0.00008	0	20	3
14.19235	171.427741	261.8	24.7	0.000017	0.00007	0	20	3.1
12.68822	167.565909	261.8	23.4	0.000013	0.00007	0	20	3.1
11.80207	163.704076	240.71689	22.2	0.000011	0.00006	0	20	3.1
11.3462	162.018202	252.724006	21.3	0.000009	0.00006	0	20	3.1
9.60213	161.096854	261.8	20.5	0.000007	0.00005	0	20	3.1
9.76435	160.175506	262.133026	19.4	0.000009	0.00007	0	20	3.1
14.017	159.254157	261.937784	18.2	0.00001	0.00007	0	20	3.1
14.44162	162.786384	219.266667	18	0.000015	0.00008	0	20	3.1
21.68923	177.22219	262.863441	17.2	0.000045	0.00012	0	20	3.1
28.84233	191.657995	263.681818	16.1	0.000138	0.00013	0	20	3.1
30.35829	206.093801	264	16.6	0.000231	0.00013	0	20	3

143.42591	1	0.77775
130.492986	1	0.77789
117.560061	1	0.77802
104.627137	1	0.77814
91.694213	1	0.77826
88.117825	1	0.77837
85.951917	1	0.77847
83.786008	1	0.77858
81.6201	1	0.77868
80.681364	1	0.77878
83.385191	1	0.77889
86.089018	1	0.77901
88.792845	1	0.77914
91.496672	1	0.77928
92.619944	1	0.77942
91.763963	1	0.77956
90.907982	1	0.7797
90.052001	1	0.77984
89.19602	1	0.77997
85.783778	1	0.78009
81.612283	1	0.7802
77.440788	1	0.78031
73.269293	1	0.78041
68.979619	1	0.7805
64.548959	1	0.78059
60.118299	1	0.78068
55.687638	1	0.78076
51.256978	1	0.78083
59.863986	1	0.7809
69.273738	1	0.78099
78.68349	1	0.78107
88.093242	1	0.78116
93.99115	1	0.78125
90.198483	1	0.78133
86.405815	1	0.78141
82.613148	1	0.7815
78.82048	1	0.78158
71.739209	1	0.78166
61.622302	1	0.78173
51.505396	1	0.78181
41.388489	1	0.7819
32.108574	0	0.78198
33.616545	0	0.78204
35.124515	0	0.7821
36.632486	0	0.78215
38.140457	0	0.7822
36.47112	0	0.78225
30.590002	0	0.7823
24.708885	0	0.78236
18.827767	0	0.78242
12.94665	0	0.78249
9.979739	0	0.78257
8.454684	0	0.78264
6.92963	0	0.78271
5.404575	0	0.78277
4.349403	0	0.78283
8.772225	0	0.78288
13.195046	0	0.78295
17.617868	0	0.78302
22.04069	0	0.7831
31.846745	0	0.78322
45.934258	0	0.78335
60.021772	0	0.78348

13:39:55.506	152.1	20.6	1447
13:39:56.506	151.8	56.1	1501
13:39:57.506	151.4	36.9	1535
13:39:58.506	151	43.8	1530
13:39:59.506		44.5	1534
13:40:00.506		54.1	1548
13:40:01.506		66	1598
13:40:02.506		78.7	1680
13:40:03.506		78.5	1759
13:40:04.506		68.2	1409
13:40:05.506		48	1420
13:40:06.506		35.2	1411
13:40:07.506	155.8	30.3	1380
13:40:08.506	156.4	0.3	1355
13:40:09.506	156.9	1.3	1306
13:40:10.506	157.5	6.4	1259
13:40:11.506	158.1	29.4	1230
13:40:12.506	158.7	38.4	1215
13:40:13.506	159.3	44.6	1199
13:40:14.506	159.8	56.7	1195
13:40:15.506	160.4	68.5	1204
13:40:16.506	161	73.1	1221
13:40:17.506	161.6	76.6	1247
13:40:18.506	162.2	81.9	1285
13:40:19.506	162.8	83	1342
13:40:20.506	163.3	76.7	1396
13:40:21.506	163.9	57	1419
13:40:22.506	164.5	52.6	1420
13:40:23.506	165.1	51.9	1413
13:40:24.506	165.7	43.6	1400
13:40:25.506	166.2	31	1368
13:40:26.506	166.8	0.4	1304
13:40:27.506		0	1204
13:40:28.506		23.4	1147
13:40:29.506		61.7	1169
13:40:30.506		83.1	1223
13:40:31.506		78.7	1288
13:40:32.506		41.8	1337
13:40:33.506		16.8	1356
13:40:34.506		28.5	1353
13:40:35.506	170.9	27.7	1355
13:40:36.506	171.3	33.5	1363
13:40:37.506	171.8	44.8	1355
13:40:38.506	172.2	73.8	1358
13:40:39.506	172.6	69.8	1384
13:40:40.506	173.1	81.4	1429
13:40:41.506	173.5	91	1468
13:40:42.506	174	91.4	1480
13:40:43.506	174.4	88.6	1508
13:40:44.506	174.9	84.9	1539
13:40:45.506	175.3	85.6	1563
13:40:46.506	175.8	81.3	1600
13:40:47.506	176.2	82.4	1658
13:40:48.506	176.7	74.5	1716
13:40:49.506	177.1	67.7	1751
13:40:50.506	177.5	54.1	1780
13:40:51.506	178	22.2	1786
13:40:52.506	178.4	40.5	1797
13:40:53.506	178.9	23.9	1807
13:40:54.506	179.3	30.4	1724
13:40:55.506		42.7	1541
13:40:56.506		27.7	1555
13:40:57.506		28.1	1518

19.55514	220.529607	264.016025	17.7	0.000283	0.00013	0	20	3
24.89217	227.889871	255.6935	18.4	0.000269	0.00012	0	20	3
19.6252	229.000741	265.151939	20.3	0.000224	0.00011	0	20	3
18.25762	230.11161	266	20.6	0.000201	0.0001	0	20	3
20.23675	231.222479	266	21.3	0.0002	0.00011	0	20	3.1
23.99864	232.333348	254.957746	21.4	0.000229	0.00013	0.00002	20	3.1
30.41432	245.095634	266.08525	21.9	0.000286	0.00015	0.00004	20	3.1
34.9274	258.601627	266.969654	22.5	0.000401	0.00018	0.00007	20	3
37.13368	272.10762	267.812195	22.6	0.000485	0.00018	0.00002	20	3
31.06812	285.613613	268	22.8	0.000463	0.00017	0	20	3
21.91822	292.005115	279.921742	24.1	0.000318	0.00013	0	20	3.1
18.64632	278.964501	268.8	25.8	0.000228	0.0001	0	20	3.2
16.98602	265.923886	268.8	26.1	0.00018	0.00009	0	20	3.2
12.09454	252.883271	268.774441	26.2	0.000114	0.00006	0	20	3.3
9.72848	239.842656	265.317098	25.9	0.000085	0.00005	0	20	3.3
10.00216	233.952321	263.638507	24.8	0.000098	0.00007	0	20	3.3
14.69881	230.940149	268	24.1	0.000086	0.00009	0	20	3.3
14.31252	227.927976	268	23.3	0.000062	0.00008	0	20	3.4
14.96046	224.915804	267.758076	22.6	0.000063	0.00008	0	20	3.4
17.30567	221.903631	253.942546	22.2	0.000093	0.0001	0	20	3.3
21.16339	234.929947	267.916912	22	0.000145	0.00011	0	20	3.3
21.6925	250.437968	267.3	21.9	0.000216	0.00012	0	20	3.3
24.03495	265.945989	267.631479	22	0.000312	0.00014	0	20	3.2
29.53096	281.454011	268	22.4	0.000417	0.00016	0	20	3.2
36.83653	294.434464	280.120102	22.9	0.000547	0.00018	0	20	3.1
28.36798	296.709142	267.3	23.5	0.000538	0.00017	0	20	3.1
22.52297	298.98382	267.021013	24.7	0.0004	0.00013	0	20	3.1
20.98617	301.258498	266.7	25.7	0.000348	0.00013	0	20	3.3
20.92575	303.533176	266.331719	26.2	0.000283	0.00012	0	20	3.4
16.88559	297.356878	274.388235	26.2	0.000238	0.00011	0	20	3.4
17.17289	283.716346	265.3	26	0.000197	0.00009	0	20	3.4
11.13303	270.075814	264.6	25.8	0.000136	0.00007	0	20	3.4
8.57334	256.435282	264.212089	25.5	0.000105	0.00006	0.00001	20	3.4
9.83615	247.176232	254.691753	24.7	0.000116	0.00008	0.00001	20	3.5
22.4659	259.461628	263.052503	22.3	0.000157	0.00014	0.00002	20	3.5
30.27	271.747023	262.202025	21.2	0.000255	0.00016	0.00001	20	3.5
29.102	284.032419	261.8	21.2	0.000371	0.00017	0	20	3.4
22.23174	296.317815	266.261283	21.1	0.00038	0.00015	0	20	3.3
16.68025	293.291193	266.736599	21.1	0.000287	0.00012	0	20	3.4
15.47591	283.190597	259.8	21.1	0.000206	0.00011	0	20	3.5
15.30042	273.090002	259.091538	21.6	0.00015	0.0001	0	20	3.5
15.79776	262.989407	258.5	22.8	0.00012	0.00009	0	20	3.5
19.40805	252.888811	256.626448	23.4	0.000137	0.00011	0	20	3.5
27.75079	268.588861	256.722925	24.9	0.000172	0.00013	0	20	3.5
26.63856	290.223377	257.1	24.9	0.000263	0.00014	0	20	3.3
32.96836	311.857893	255.207452	25	0.00041	0.00017	0	20	3.2
43.98739	333.492408	255.377311	25.3	0.000708	0.00024	0	20	3.2
56.01426	355.126924	292.743879	26.2	0.000933	0.00029	0	20	3.2
56.51871	373.465409	253.56699	26.7	0.001007	0.00034	0	20	3.5
53.50385	391.777312	252.888718	27.1	0.000962	0.00037	0	20	4.1
50.4098	410.089216	252.3	27.7	0.000924	0.00038	0	20	4.3
47.13029	428.40112	252.3	28.2	0.000871	0.00036	0	20	4.3
47.39878	440.969306	346.215415	28.5	0.000826	0.00035	0	20	4.3
40.53984	425.494636	252.118435	29.5	0.000643	0.00029	0	20	4.4
30.67842	410.019966	251.6	30.1	0.000493	0.00024	0	20	4.2
21.48761	394.545296	251.6	30.8	0.000344	0.00017	0	20	4
20.46905	379.070626	254.942897	31.6	0.000297	0.00015	0	20	3.9
22.69101	363.435057	287.258915	32.9	0.000229	0.00015	0	20	3.9
22.99246	347.6195	251.6	33	0.000195	0.00015	0	20	3.8
21.52234	331.803943	251.6	33	0.00015	0.00013	0	20	3.8
18.64112	315.988386	251.476576	33	0.000124	0.00012	0.00002	20	3.7
18.42692	300.172829	262.748858	33.1	0.000118	0.00012	0	20	3.7
18.07303	289.572391	251	33.3	0.000116	0.00011	0	20	3.7

74.109285	0	0.78361
88.196798	0	0.78373
85.622872	0	0.78384
80.60323	0	0.78394
75.583588	0	0.78405
70.563946	0	0.78418
69.869434	0	0.78433
79.764035	0	0.78451
89.658636	0	0.78469
99.553237	0	0.78486
109.447838	0	0.78499
102.243115	0	0.78509
85.461704	0	0.78518
68.680293	0	0.78524
51.898881	0	0.78529
35.11747	0	0.78536
45.606708	0	0.78545
56.288186	0	0.78553
66.969665	0	0.78561
77.651143	0	0.78571
96.00495	0	0.78582
131.277228	0	0.78594
166.549505	0	0.78608
201.821782	0	0.78624
237.094059	0	0.78642
237.939208	0	0.78659
199.015089	0	0.78672
160.090969	0	0.78685
121.166849	0	0.78697
82.242729	0	0.78708
67.984171	0	0.78717
56.74306	0	0.78724
45.50195	0	0.7873
34.26084	0	0.78738
40.909585	0	0.78752
63.296023	0	0.78768
85.68246	0	0.78785
108.068898	0	0.788
130.455336	0	0.78812
123.72701	0	0.78823
114.840876	0	0.78833
105.954743	0	0.78842
97.068609	0	0.78853
94.297432	0	0.78866
151.87821	0	0.7888
209.458989	0	0.78897
267.039768	0	0.78921
324.620547	0	0.7895
361.084647	0	0.78984
338.678008	0	0.79021
316.271369	0	0.79059
293.86473	0	0.79095
271.458091	0	0.7913
240.200851	0	0.79159
197.860426	0	0.79183
155.52	0	0.792
113.179574	0	0.79215
70.839149	0	0.7923
65.90867	0	0.79245
73.85043	0	0.79258
81.792191	0	0.7927
89.733951	0	0.79282
93.827177	0	0.79293

13:40:58.506		25.9	1297
13:40:59.506		6.7	1292
13:41:00.506		0	1279
13:41:01.506		0	1257
13:41:02.506		0	1239
13:41:03.506	169.8	0	1220
13:41:04.506	168.6	0	1191
13:41:05.506	167.4	0	1173
13:41:06.506	166.2	0	1148
13:41:07.506	165.1	0	1117
13:41:08.506	163.9	0	1203
13:41:09.506	162.7	0	1268
13:41:10.506	161.5	0	1225
13:41:11.506	160.4	0	1177
13:41:12.506	159.2	0	1134
13:41:13.506	158	0	1258
13:41:14.506	156.8	0	1208
13:41:15.506	155.6	0	1142
13:41:16.506	154.5	0	1136
13:41:17.506	153.3	0	1050
13:41:18.506	152.1	16.1	786
13:41:19.506	150.9	13.9	801
13:41:20.506	149.8	19.8	793
13:41:21.506	148.6	25.9	769
13:41:22.506	147.4	34.6	719
13:41:23.506		37.2	692
13:41:24.506		35.6	683
13:41:25.506		34.6	678
13:41:26.506		33.8	679
13:41:27.506		33.9	680
13:41:28.506		32.1	681
13:41:29.506		29.7	834
13:41:30.506	150.2	35.8	680
13:41:31.506	150.6	32.9	676
13:41:32.506	151	31.4	797
13:41:33.506	151.4	34	714
13:41:34.506	151.8	34.7	699
13:41:35.506	152.2	34.4	701
13:41:36.506	152.6	35.3	708
13:41:37.506	153	36.7	731
13:41:38.506	153.4	41.4	793
13:41:39.506	153.8	42.7	749
13:41:40.506	154.1	58	1127
13:41:41.506	154.5	73	1300
13:41:42.506	154.9	85.7	1463
13:41:43.506	155.3	80.8	1743
13:41:44.506	155.7	79.3	1819
13:41:45.506	156.1	40.5	1492
13:41:46.506	156.5	48.2	1391
13:41:47.506	156.9	58.9	1412
13:41:48.506	157.3	69	1536
13:41:49.506	157.7	77.4	1680
13:41:50.506		80.7	1805
13:41:51.506		83.7	1983
13:41:52.506		81.8	2211
13:41:53.506		73.4	2363
13:41:54.506		67.6	2211
13:41:55.506		68.4	1814
13:41:56.506		78	1610
13:41:57.506		74.7	1650
13:41:58.506	158.5	47.2	1636
13:41:59.506	158.6	30.4	1589
13:42:00.506	158.7	4.1	1503

15.93035	280.032548	251.062739	33.4	0.000102	0.0001	0	20	3.7
15.6177	270.492705	251.6	33.5	0.000096	0.00009	0	20	3.7
11.76177	260.952862	251.6	33.6	0.000079	0.00008	0	20	3.6
10.49278	252.261144	252.565373	33.8	0.000064	0.00007	0	20	3.6
10.23893	244.976952	251	33.8	0.000051	0.00006	0	20	3.7
9.89223	237.692759	251.540719	33.5	0.000039	0.00006	0	20	3.6
9.73516	230.408567	251	32.7	0.00003	0.00005	0	20	3.4
9.44953	223.124375	244.060014	32.2	0.000023	0.00005	0	20	3.4
9.08585	217.914094	249.587997	32.1	0.000018	0.00005	0	20	3.4
8.78004	213.299027	251	31.7	0.000015	0.00005	0	20	3.4
9.31401	208.683961	251	30.3	0.000014	0.00005	0	20	3.4
10.0786	204.068895	250.658665	29.5	0.000012	0.00006	0	20	3.4
9.64069	199.453829	232.740426	28.9	0.000011	0.00005	0	20	3.4
9.40188	196.166717	251	28.4	0.000009	0.00005	0	20	3.4
9.01372	192.956894	251	26.7	0.000008	0.00005	0	20	3.4
9.7279	189.74707	251	25.7	0.000008	0.00005	0	20	3.4
9.5222	186.537247	251.531847	24.7	0.000008	0.00005	0	20	3.4
9.06779	183.802233	223.960644	23.5	0.000006	0.00005	0	20	3.4
8.89517	182.159436	251	22.2	0.000006	0.00005	0	20	3.4
8.39755	180.516639	251	21.3	0.000006	0.00005	0	20	3.4
8.55396	178.873842	251	20.4	0.000007	0.00006	0	20	3.4
13.49658	177.231045	244.765638	17.7	0.00001	0.00007	0	20	3.4
11.57077	178.289068	233.041913	16.5	0.000008	0.00006	0	20	3.4
11.26659	181.512614	251.6	14.9	0.000012	0.00006	0	20	3.4
11.75778	184.73616	251.83253	9.5	0.000019	0.00006	0	20	3.3
11.14455	187.959706	252.3	6.7	0.000025	0.00006	0	20	3.2
10.13792	191.029943	226.489836	4.9	0.000032	0.00005	0	20	3.2
10.35574	193.693967	252.629543	2.9	0.000042	0.00005	0	20	3.1
10.53802	196.357992	253	1.5	0.000052	0.00005	0	20	3.1
10.42114	199.022017	253.086359	0.6	0.000061	0.00005	0	20	3.1
10.47	201.686041	245.324841	0.1	0.00007	0.00006	0	20	3.2
9.42655	203.549652	250.50372	0	0.00008	0.00006	0	20	3.1
10.07501	205.120215	254.3	0	0.000077	0.00005	0	20	3.1
10.72607	206.690779	254.3	0	0.000084	0.00006	0	20	3
11.9785	208.261342	254.3	0	0.000089	0.00006	0	20	3
10.71676	209.548494	235.640945	0	0.000085	0.00006	0	20	3
10.99131	210.088474	255.301066	0	0.000086	0.00006	0	20	3
11.44009	210.628453	255.8	0	0.000088	0.00006	0	20	3
11.23395	211.168432	256.384868	0	0.000088	0.00006	0	20	3
10.94644	211.708411	255.450478	0	0.000094	0.00006	0	20	3
11.63051	215.700805	244.778518	0	0.000094	0.00006	0	20	3
12.30814	223.746032	257.1	0	0.000102	0.00006	0	20	2.9
16.47856	231.791259	257.146729	0	0.000166	0.0001	0	20	2.9
21.54014	239.836486	258.696908	0	0.000216	0.00011	0	20	2.9
26.30896	247.881713	256.511423	0.3	0.000346	0.00014	0	20	2.9
45.24178	258.107434	261.855851	1.6	0.000542	0.00019	0	20	2.8
45.41836	268.685174	263.484328	3.9	0.000705	0.00023	0	20	2.8
36.69159	279.262914	265.36087	6.9	0.000518	0.00018	0	20	2.9
23.96401	289.840654	267.385776	9.9	0.000318	0.00013	0	20	3
21.13191	301.025819	283.293056	11.3	0.000256	0.00012	0	20	3
26.92725	315.573657	269.109016	11.2	0.000323	0.00014	0	20	3
34.84679	330.121494	270.415633	11.4	0.000445	0.00017	0	20	2.9
41.16899	344.669332	271.914009	11.5	0.000683	0.00023	0	20	3
63.34517	359.217169	282.952136	11.7	0.001067	0.00034	0	20	3
87.73704	373.828665	292.339291	13.2	0.001447	0.00044	0	20	3
95.41544	388.487212	274.2	16.5	0.001514	0.00056	0	20	3.6
77.35713	403.145759	274.784367	18.9	0.001081	0.00056	0	20	4.6
53.40529	417.804306	274.587004	20.9	0.000728	0.00039	0	20	4.7
58.06945	432.462853	330.721045	26.8	0.000767	0.00039	0	20	4.5
40.40041	415.76588	273.5	28.2	0.000655	0.0003	0	20	4.4
21.48759	398.330753	273.396148	28.4	0.000434	0.00023	0	20	4.5
21.41496	380.895625	272.8	29.5	0.000286	0.00017	0	20	4.4
16.20407	363.460498	272.265789	30.4	0.000206	0.00013	0	20	4.4

83.529438	0	0.79303
73.231699	0	0.79312
62.93396	0	0.7932
52.636221	0	0.79327
44.178657	0	0.79333
36.354271	0	0.79339
28.529885	0	0.79344
20.705499	0	0.79349
13.823129	0	0.79354
12.586271	0	0.79359
11.349412	0	0.79364
10.112554	0	0.7937
8.875696	0	0.79375
7.813894	0	0.7938
7.176546	0	0.79385
6.539197	0	0.7939
5.901848	0	0.79395
5.2645	0	0.794
7.45283	0	0.79405
11.645702	0	0.7941
15.838574	0	0.79416
20.031447	0	0.79423
24.224319	0	0.79429
50.004794	0	0.79435
80.685523	0	0.79441
111.366251	0	0.79447
142.04698	0	0.79452
153.28326	0	0.79457
153.723789	0	0.79462
154.164317	0	0.79467
154.604846	0	0.79473
154.818901	0	0.79479
153.060659	0	0.79484
151.302418	0	0.7949
149.544176	0	0.79496
147.785934	0	0.79502
146.648368	0	0.79508
146.012505	0	0.79514
145.376643	0	0.7952
144.74078	0	0.79526
144.104917	0	0.79532
141.64073	0	0.79538
138.815258	0	0.79548
135.989785	0	0.79559
133.164312	0	0.79573
132.408176	0	0.79592
138.426022	0	0.79615
144.443868	0	0.79633
150.461714	0	0.79646
156.47956	0	0.79658
174.597061	0	0.79672
209.770703	0	0.79689
244.944346	0	0.79712
280.117988	0	0.79746
315.29163	0	0.7979
339.896345	0	0.79846
363.619363	0	0.79902
387.342381	0	0.79941
411.065399	0	0.7998
408.562125	0	0.8001
324.800343	0	0.80033
241.03856	0	0.8005
157.276778	0	0.80063

13:42:01.506	158.7	0.9	1393
13:42:02.506	158.8	0	1265
13:42:03.506	158.9	0	1139
13:42:04.506	158.9	0	1041
13:42:05.506	159	6.2	829
13:42:06.506	159.1	20.7	792
13:42:07.506	159.1	18	816
13:42:08.506	159.2	23.4	769
13:42:09.506	159.2	33	725
13:42:10.506	159.3	35.8	690
13:42:11.506	159.4	35.6	687
13:42:12.506	159.4	34.3	680
13:42:13.506	159.5	34.6	678
13:42:14.506	159.6	34.7	679
13:42:15.506	159.6	33.8	681
13:42:16.506	159.7	39	741
13:42:17.506	159.8	42.8	860
13:42:18.506		53.2	957
13:42:19.506		57	995
13:42:20.506		63.3	851
13:42:21.506		80.5	1329
13:42:22.506		82.9	1619
13:42:23.506		77.7	1781
13:42:24.506		85.1	1673
13:42:25.506		84.2	1854
13:42:26.506	157.6	69.4	1891
13:42:27.506	157.4	63.3	1718
13:42:28.506	157.1	73.4	1509
13:42:29.506	156.8	70.6	1454
13:42:30.506	156.6	76.9	1518
13:42:31.506	156.3	71.3	1511
13:42:32.506	156.1	75.6	1526
13:42:33.506	155.8	78.3	1677
13:42:34.506	155.6	77	1455
13:42:35.506	155.3	62.8	1447
13:42:36.506	155	50.4	1482
13:42:37.506	154.8	46.9	1489
13:42:38.506	154.5	43.6	1460
13:42:39.506	154.3	46.8	1439
13:42:40.506	154	30.2	1393
13:42:41.506	153.8	38.3	1377
13:42:42.506	153.5	66.6	1368
13:42:43.506	153.2	64.1	1356
13:42:44.506	153	62.5	1340
13:42:45.506	152.7	54.6	1319
13:42:46.506		49.4	1281
13:42:47.506		65.8	1252
13:42:48.506		75.4	1261
13:42:49.506		52	1256
13:42:50.506		42.5	1195
13:42:51.506		67.3	1154
13:42:52.506		30.1	1074
13:42:53.506	159.5	34.5	1057
13:42:54.506	160.4	68.6	1360
13:42:55.506	161.3	68.1	1304
13:42:56.506	162.2	79.8	1473
13:42:57.506	163.1	88.9	1829
13:42:58.506	164.1	87.4	2028
13:42:59.506	165	71.2	2059
13:43:00.506	165.9	63	1776
13:43:01.506	166.8	77.1	1397
13:43:02.506	167.7	85.3	1507
13:43:03.506	168.6	83.9	1627

12.07309	346.523858	304.168612	30	0.000131	0.00009	0	20	4.3
9.58546	330.676272	271.5	28.8	0.00009	0.00008	0	20	4.2
9.13323	314.828686	270.694819	27.4	0.000063	0.00007	0	20	4.2
8.47305	298.9811	270.1	23.8	0.000044	0.00006	0	20	4.2
8.20522	283.133514	271.05258	23.2	0.000037	0.00006	0	20	4.1
11.13739	275.790151	270.307884	20.8	0.000037	0.00007	0	20	4
11.81488	272.178858	268.062782	17.8	0.000035	0.00008	0	20	3.9
11.70386	268.567564	268.8	13.7	0.000035	0.00007	0	20	3.8
11.78346	264.956271	268.344681	9.3	0.000039	0.00007	0	20	3.7
11.153	261.783421	265.067568	7	0.000041	0.00007	0	20	3.7
10.38168	261.651842	267.754167	5.5	0.000045	0.00006	0	20	3.6
10.291	261.520263	267.3	5	0.000052	0.00006	0	20	3.5
10.52296	261.388684	267.3	2.9	0.00006	0.00006	0	20	3.3
10.58102	261.257105	266.123256	0.6	0.000068	0.00005	0	20	3.2
10.4769	261.940425	265.031517	0	0.000076	0.00006	0	20	3.1
10.60193	263.248595	266	0	0.000091	0.00006	0	20	3.1
13.12941	264.556766	265.8915	0	0.00011	0.00007	0	20	3.1
14.5844	265.864937	265.3	0	0.000119	0.00008	0	19.4	3.1
12.57741	267.173107	265.882418	0	0.000113	0.00007	0	19	3.1
18.62001	280.278064	265.346753	0	0.000165	0.00009	0	19	3.1
28.27493	294.650227	265.3	0.3	0.000278	0.00014	0	19	3
38.06744	309.02239	265.666422	1.3	0.000422	0.00016	0	19	2.9
38.81871	323.394554	266	1.7	0.00055	0.00019	0	19	2.9
42.98906	335.884827	294.845932	2.9	0.000657	0.00022	0	19	2.9
54.32946	343.43855	266.931373	6.3	0.000771	0.00025	0	19	2.9
48.12604	350.992273	268.154902	9.4	0.000807	0.00026	0	19	2.9
27.04571	358.545995	268.8	9.9	0.000465	0.00016	0	19	2.9
26.08403	366.099718	285.793166	12.2	0.000374	0.00014	0	19	2.9
22.60068	368.482965	283.243324	14.6	0.000322	0.00012	0	19	2.9
29.32331	368.308025	270.8	14.7	0.000422	0.00014	0	19	2.9
28.32713	368.133086	271.079792	14.8	0.000392	0.00013	0	19	2.9
29.99149	367.958146	271.057113	15.4	0.000454	0.00014	0.00001	19	2.9
39.01248	367.48075	314.953984	16.1	0.000539	0.00017	0	19	2.9
31.79184	364.155233	272.8	16.7	0.000511	0.00016	0	19	2.9
27.03829	360.829716	273.379058	17	0.000468	0.00015	0	19	3
24.50325	357.5042	273.674286	18	0.000406	0.00014	0	19	3
17.67721	354.178683	274.628693	18.9	0.000295	0.00011	0	19	3
17.99508	348.089602	301.462211	19.2	0.000252	0.0001	0	19	3.1
19.46869	337.940472	274.8	20.2	0.000211	0.0001	0	19	3.1
17.99217	327.791342	274.8	20.7	0.000183	0.0001	0	19	3.2
15.80467	317.642212	275.586476	20.6	0.000196	0.00011	0.00002	19	3.2
20.21639	307.493082	278.414472	20.4	0.000187	0.00011	0.00001	19	3.2
23.90883	303.906034	282.567458	19.8	0.000203	0.00012	0.00002	19	3.2
21.70161	305.129662	276.778947	19.4	0.000211	0.00011	0.00001	19	3.2
19.96449	306.353291	277	19.3	0.000217	0.0001	0	19	3.1
17.5739	307.57692	277	19.1	0.000241	0.00011	0	19	3.1
23.63108	308.800549	284.754617	19	0.000288	0.00013	0	19	3.1
24.80448	310.648523	278.124855	18.7	0.000312	0.00013	0.00001	19	3.1
18.75289	312.618084	278.3	18.5	0.00029	0.00011	0	19	3.1
16.68737	314.587645	278.682485	18.3	0.000284	0.00011	0	19	3.1
22.72272	316.557207	279	18.2	0.00027	0.00011	0	19	3.2
13.8301	318.035729	292.721248	18.1	0.000206	0.00009	0	19	3.2
15.86438	318.674561	279	18	0.00023	0.0001	0	19	3.2
23.30406	319.313393	279.670648	17.7	0.000245	0.00012	0	19	3.4
20.99378	319.952225	279.7	16.6	0.000279	0.00014	0	19	3.4
30.76689	320.591056	295.065285	14	0.000403	0.00018	0	19	3.4
58.18295	342.361128	281	13	0.000824	0.0003	0	19	3.4
71.1438	364.431238	281.229412	12.1	0.001195	0.00041	0	19	3.5
69.15276	386.501348	283.082188	11.7	0.001207	0.00048	0	19	3.8
54.91802	408.571458	284.277925	12.4	0.000749	0.00034	0	19	4
40.46436	426.499241	355.47716	14.4	0.00066	0.00031	0	19	4.1
44.62436	423.46434	285.2	17.4	0.000747	0.00032	0	19	4
44.59661	420.429439	285.535269	20	0.000778	0.00031	0	19	4.1

73.514996	0	0.80072
35.746577	0	0.8008
31.834384	0	0.80087
27.922191	0	0.80093
24.009998	0	0.80099
20.097805	0	0.80106
47.857143	0	0.80114
76.428571	0	0.80121
105	0	0.80128
133.571429	0	0.80135
150.062952	0	0.80141
154.230533	0	0.80147
158.398114	0	0.80153
162.565694	0	0.80158
166.733275	0	0.80164
163.469405	0	0.8017
159.697402	0	0.80177
155.925398	0	0.80185
152.153395	0	0.80192
147.435047	0	0.80201
137.892648	0	0.80215
128.350249	0	0.80231
118.807851	0	0.8025
109.265452	0	0.80272
108.66306	0	0.80297
115.287039	0	0.80323
121.911018	0	0.80339
128.534997	0	0.80353
134.778873	0	0.80365
125.565245	0	0.80379
116.351618	0	0.80392
107.13799	0	0.80406
97.924363	0	0.80423
92	0	0.80439
92	0	0.80454
92	0	0.80468
92	0	0.80479
92	0	0.80489
97.133788	0	0.80499
104.784739	0	0.80509
112.435691	0	0.8052
120.086642	0	0.80531
127.737593	0	0.80543
120.556583	0	0.80554
110.444707	0	0.80564
100.332831	0	0.80575
90.220955	0	0.80588
84.347982	0	0.80601
96.904036	0	0.80612
109.46009	0	0.80623
122.016143	0	0.80634
134.572197	0	0.80643
133.448122	0	0.80653
127.186941	0	0.80665
120.92576	0	0.80679
114.66458	0	0.80697
128.638771	0	0.80727
201.731992	0	0.80768
274.825212	0	0.80816
347.918432	0	0.8085
421.011653	0	0.80881
423.665944	0	0.80913
365.097614	0	0.80944

13:43:04.506	169.6	70.9	1712
13:43:05.506	170.5	32.2	1722
13:43:06.506	171.4	67.8	1751
13:43:07.506	172.3	69.9	1819
13:43:08.506	173.2	73.6	1769
13:43:09.506	174.2	85.8	1562
13:43:10.506	175.1	87.4	1666
13:43:11.506	176	63.8	1754
13:43:12.506	176.9	11.3	1757
13:43:13.506		0	1491
13:43:14.506		0	1429
13:43:15.506		0	1397
13:43:16.506		0	1488
13:43:17.506		0.6	1438
13:43:18.506		6.6	1400
13:43:19.506		41.1	1396
13:43:20.506		56.3	1422
13:43:21.506	180.4	82.2	1473
13:43:22.506	180.7	95.9	1563
13:43:23.506	181	83	1681
13:43:24.506	181.3	38.3	1745
13:43:25.506	181.7	0	1517
13:43:26.506	182	0	1371
13:43:27.506	182.3	0	1359
13:43:28.506	182.6	0	1271
13:43:29.506	182.9	0	1381
13:43:30.506	183.3	0	1179
13:43:31.506	183.6	11.1	877
13:43:32.506	183.9	21.6	795
13:43:33.506	184.2	15.2	811
13:43:34.506	184.6	25.8	750
13:43:35.506	184.9	34.8	722
13:43:36.506	185.2	34.7	690
13:43:37.506	185.5	34.9	680
13:43:38.506	185.8	34.3	682
13:43:39.506	186.2	34.2	680
13:43:40.506	186.5	34	681
13:43:41.506	186.8	33.7	680
13:43:42.506		34.1	680
13:43:43.506		33.8	679
13:43:44.506		34.1	679
13:43:45.506		35.2	681
13:43:46.506		34.4	680
13:43:47.506		50.3	680
13:43:48.506		72.9	1354
13:43:49.506	188.9	88.5	1827
13:43:50.506	189.1	77.1	2119
13:43:51.506	189.4	73.8	2297
13:43:52.506	189.6	71.6	1665
13:43:53.506	189.9	73.3	1604
13:43:54.506	190.2	68.7	1755
13:43:55.506	190.4	39.4	1454
13:43:56.506	190.7	3.6	1400
13:43:57.506	190.9	14.1	1373
13:43:58.506	191.2	20.2	1365
13:43:59.506	191.5	64.7	1388
13:44:00.506	191.7	66.7	1449
13:44:01.506	192	43.4	1494
13:44:02.506	192.2	23	1496
13:44:03.506	192.5	13.3	1487
13:44:04.506	192.8	5.5	1467
13:44:05.506	193	20.3	1422
13:44:06.506	193.3	14.2	1438

40.76651	417.394537	285.8	21.1	0.000683	0.00029	0	19	4.1
33.46614	414.359636	296.135	22	0.000503	0.00027	0	19	4.1
37.1413	415.010797	312.240327	24.2	0.000419	0.00025	0	19	4
41.10116	418.653544	286.5	24.3	0.000462	0.00026	0	19	3.9
39.80283	422.296291	287.098958	24.7	0.000502	0.00025	0	19	3.9
45.27151	425.939039	287.07914	25.8	0.000674	0.0003	0	19	3.8
53.58051	429.581786	340.388819	27.1	0.000854	0.00032	0	19	3.7
45.7748	411.152895	288.705729	28.1	0.000807	0.0003	0	19	3.7
27.29165	392.613091	289.3	28.7	0.000445	0.0002	0	19	3.7
17.39367	374.073287	289.3	30.7	0.000211	0.00013	0	19	3.8
12.82004	355.533482	288.685075	31.4	0.000098	0.00009	0	19	3.9
10.77068	339.042825	311.387859	31.7	0.000056	0.00008	0	19	3.9
12.07944	327.402505	288.10383	31.7	0.000042	0.00008	0	19	3.9
12.94548	315.762184	288.168435	28.8	0.000045	0.00011	0	19	3.7
19.49692	304.121864	288.457143	27.6	0.000041	0.00011	0	19	3.6
17.15019	292.481544	287.778752	27.4	0.000048	0.00011	0	19	3.4
23.9859	295.846652	287.138046	26.5	0.000097	0.00013	0	19	3.4
37.24696	319.430343	288.657901	25.6	0.000294	0.00019	0	19	3.3
62.14227	343.014034	289.879091	25.7	0.000786	0.0003	0	19	3.2
60.61723	366.597725	291.054186	26	0.000982	0.00034	0	19	3.1
54.04508	390.181416	316.153889	27.2	0.000662	0.00036	0	19	3.7
44.97586	376.886253	298.871765	28.6	0.000229	0.00026	0	19	4.2
13.57858	352.325225	293.989574	29.6	0.000046	0.00011	0	19	3.9
10.99406	327.764197	294	29.8	0.00002	0.00008	0	19	3.8
9.68182	303.203169	294	29.7	0.000015	0.00007	0	19	3.8
9.81037	280.408628	288.062583	29.3	0.000015	0.00006	0	19	3.8
10.07013	274.248508	293.3	28.5	0.000014	0.00006	0	19	3.7
8.72845	268.088388	293.3	25	0.000013	0.00005	0	19	3.7
10.88972	261.928268	293.3	17.2	0.000015	0.00007	0	19	3.7
11.33889	255.768148	292.760065	14.3	0.000016	0.00007	0	19	3.7
11.8326	252.82524	280.530189	11.8	0.00002	0.00007	0	19	3.7
12.15164	254.027163	292.887366	9.3	0.000024	0.00007	0	19	3.7
10.21096	255.229087	293.3	6.6	0.000027	0.00006	0	19	3.6
10.27943	256.43101	293.3	3.6	0.000033	0.00006	0	19	3.3
10.57201	257.632933	282.971438	1.1	0.000043	0.00005	0	19	3.2
10.39127	258.054386	293.3	0	0.000052	0.00005	0	19	3.1
10.47261	258.349841	293.3	0	0.000061	0.00005	0	19	3
10.38	258.645295	292.853807	0	0.000067	0.00005	0	19	3
10.46853	258.94075	292.097656	0	0.000073	0.00005	0	19	3
10.60747	259.038533	283.298113	0.1	0.000077	0.00005	0	19	3
10.48984	258.9052	293.3	0.4	0.000079	0.00005	0	19	3
10.36027	258.771867	293.3	0.8	0.000081	0.00005	0	19	3
10.39374	258.638533	294	0.7	0.000081	0.00005	0	19	3
10.49557	258.5052	281.212614	0.5	0.000095	0.00006	0	19	3
25.96449	287.125532	294.779325	0.2	0.000279	0.00015	0	19	3.1
51.68813	316.912766	295.743646	0.8	0.000647	0.00027	0	19	3
73.6212	346.7	297.718648	3.5	0.001085	0.0004	0	19	3.2
80.14026	376.487234	299.755769	8	0.001186	0.00046	0	19	3.5
59.5089	399.881355	350.875806	11	0.000777	0.00037	0	19	4
41.5408	391.386474	302.742766	13.2	0.00064	0.00033	0	19	4.5
38.3434	382.891592	303.2	19.2	0.000561	0.00029	0	19	4.4
22.6945	374.396711	303.2	20.7	0.000361	0.00018	0	19	4.1
14.21541	365.90183	309.182763	24.6	0.000237	0.00013	0	19	4.1
16.22739	359.065606	314.441945	25	0.000185	0.00013	0	19	4.1
18.31137	353.45034	302.5	26.1	0.00014	0.00014	0	19	4
25.82072	347.835073	302.5	26	0.00016	0.00017	0	19	3.9
26.15324	342.219807	302.5	25.6	0.000204	0.00016	0	19	3.7
20.95505	336.47029	315.864308	25	0.000234	0.00012	0	19	3.5
17.38747	322.957919	302.429201	25.6	0.000226	0.0001	0	19	3.4
15.24	309.445549	301.6	26.4	0.000205	0.00009	0	19	3.2
13.70952	295.933178	301.6	26.5	0.000161	0.00009	0	19	3.2
13.84447	282.420808	301.029036	26.6	0.000123	0.00009	0	19	3.2
13.84474	270.1312	289.219433	26.7	0.000099	0.00009	0	19	3.2

306.529284	0	0.80973
247.960954	0	0.81
189.392625	0	0.81025
196.12265	0	0.81051
208.147136	0	0.81076
220.171622	0	0.81106
232.196108	0	0.81138
224.125261	0	0.81168
178.898083	0	0.81188
133.670905	0	0.81201
88.443727	0	0.8121
43.216549	0	0.81218
34.499485	0	0.81226
55.294215	0	0.81237
76.088944	0	0.81248
96.883673	0	0.81259
117.678402	0	0.81272
132.831328	0	0.81291
145.520018	0	0.81321
158.208707	0	0.81355
170.897397	0	0.81391
177.718638	0	0.81417
143.467745	0	0.81428
109.216852	0	0.81436
74.965959	0	0.81443
40.715066	0	0.81449
23.065781	0	0.81455
34.174472	0	0.8146
45.283163	0	0.81467
56.391854	0	0.81474
67.500545	0	0.81481
88.86927	0	0.81488
113.216714	0	0.81494
137.564159	0	0.815
161.911603	0	0.81505
180.608163	0	0.8151
178.794104	0	0.81515
176.980045	0	0.8152
175.165986	0	0.81525
173.351927	0	0.8153
172.106034	0	0.81535
170.996894	0	0.8154
169.887755	0	0.81545
168.778616	0	0.81551
180.304758	0	0.81566
221.595892	0	0.81593
262.887026	0	0.81633
304.17816	0	0.81679
345.469294	0	0.81716
330.050011	0	0.81749
263.731246	0	0.81778
197.412481	0	0.81796
131.093716	0	0.81809
64.774951	0	0.81822
77.6	0	0.81836
96.565517	0	0.81853
115.531034	0	0.81869
134.496552	0	0.81881
143.242694	0	0.81891
126.724269	0	0.819
110.205845	0	0.81909
93.687421	0	0.81918
77.168996	0	0.81927

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13:44:08.506	193.8	0.1	1404
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13:44:12.506		0	1328
13:44:13.506		0	1301
13:44:14.506		0	1286
13:44:15.506		6.6	1283
13:44:16.506		13.8	1294
13:44:17.506	193.5	9.8	1302
13:44:18.506	193.4	0.4	1298
13:44:19.506	193.3	0	1274
13:44:20.506	193.3	0	1234
13:44:21.506	193.2	0	1165
13:44:22.506	193.1	0	1080
13:44:23.506	193.1	0	1135
13:44:24.506	193	4.4	907
13:44:25.506	193	15.3	790
13:44:26.506	192.9	16.8	818
13:44:27.506	192.8	21.8	780
13:44:28.506	192.8	31.5	734
13:44:29.506	192.7	34.8	704
13:44:30.506	192.6	35.5	686
13:44:31.506	192.6	35.7	681
13:44:32.506	192.5	34.1	680
13:44:33.506	192.4	34.9	679
13:44:34.506	192.4	35.5	676
13:44:35.506	192.3	35.4	682
13:44:36.506	192.2	57.9	1028
13:44:37.506		76.2	1579
13:44:38.506		78.2	1750
13:44:39.506		74.4	1682
13:44:40.506		40.7	1603
13:44:41.506		36.2	1512
13:44:42.506		65.2	1409
13:44:43.506		74.1	1614
13:44:44.506		81.3	1575
13:44:45.506	192.7	78.7	1486
13:44:46.506	192.8	77.1	1629
13:44:47.506	192.9	60.3	1633
13:44:48.506	192.9	47.4	1359
13:44:49.506	193	8.3	1356
13:44:50.506	193.1	0	1335
13:44:51.506	193.1	0	1310
13:44:52.506	193.2	11.6	1285
13:44:53.506	193.3	34.1	1279
13:44:54.506	193.3	64.3	1297
13:44:55.506	193.4	85	1369
13:44:56.506	193.4	83.3	1455
13:44:57.506	193.5	63	1533
13:44:58.506	193.6	49.6	1579
13:44:59.506	193.6	21.3	1582
13:45:00.506	193.7	37.8	1583
13:45:01.506	193.8	25	1577
13:45:02.506	193.8	38.7	1584
13:45:03.506	193.9	61.9	1580
13:45:04.506	194	28	1595
13:45:05.506		26.1	1589
13:45:06.506		23.1	1578
13:45:07.506		15	1573
13:45:08.506		32.3	1589
13:45:09.506		49.9	1599

15.39012	260.864533	300.9	26.7	0.000063	0.00007	0	19	3.2
11.7393	251.597867	300.411183	26.7	0.000047	0.00007	0	19	3.2
18.87832	242.3312	299.501818	26.7	0.000041	0.00007	0	19	3.2
12.02512	233.064533	285.713208	26.8	0.000032	0.00007	0	19	3.1
10.94251	227.339054	293.56	26.8	0.000024	0.00006	0	19	3.1
10.5984	222.566279	298.8	26.7	0.00002	0.00006	0	19	3.1
10.37846	217.793505	298.8	26.1	0.000017	0.00005	0	19	3.1
10.15713	213.02073	298.497744	24.5	0.000014	0.00005	0	19	3.1
10.01911	208.247956	265.134652	24.1	0.000013	0.00006	0	19	3.1
17.91138	205.261663	298.104579	24.1	0.000017	0.00009	0	19	3.1
17.58392	202.332522	297.5	24	0.000019	0.00009	0	19	3.1
11.89341	199.403381	296.961782	23.8	0.000018	0.00006	0	19	3.1
10.5907	196.474241	296.8	23.9	0.00002	0.00006	0	19	3
9.98982	193.784596	255.830204	23.8	0.00002	0.00005	0	19	3
9.31505	191.590103	296.1	23.4	0.000017	0.00005	0	19	3
8.51316	189.395611	296.1	22.6	0.000014	0.00004	0	19	2.9
8.89303	187.201119	295.493693	21.3	0.000012	0.00004	0	19	2.9
9.02356	185.006627	276.097524	19.8	0.00001	0.00004	0	19	2.9
13.00047	185.374059	282.096182	17.9	0.000011	0.00006	0	19	2.9
11.36041	186.958218	294.152897	15.8	0.000011	0.00006	0	19	3
10.97816	188.542376	294	13	0.000011	0.00005	0	19	2.9
11.46459	190.126535	294	11	0.000017	0.00005	0	19	2.8
11.41382	191.975889	245.163658	10.3	0.000021	0.00005	0	19	2.8
10.53786	195.554005	293.3	7.7	0.000027	0.00005	0	19	2.8
10.36568	199.13212	293.3	5.3	0.000035	0.00005	0	19	2.8
10.32247	202.710235	292.809506	3.4	0.000044	0.00005	0	19	2.8
10.43499	206.28835	292.7	2.4	0.000053	0.00005	0	19	2.8
10.48255	213.313872	260.671223	2	0.000062	0.00005	0	19	2.8
10.83302	227.466854	292.7	1.5	0.000078	0.00005	0	19	2.8
20.08746	241.619836	292.073061	0.9	0.000163	0.0001	0	19	2.8
30.52263	255.772818	292.7	1.5	0.000269	0.00013	0	19	2.7
39.4085	269.925799	289.959259	3.8	0.000417	0.00016	0	19	2.7
33.86916	276.923113	290.185899	6.8	0.000439	0.00016	0	19	2.7
27.47984	280.82442	292.811301	9.7	0.000347	0.00013	0	19	2.8
21.71226	284.725728	293.248991	11.3	0.000241	0.0001	0	19	2.8
24.18561	288.627035	292.7	12.2	0.000275	0.00012	0	19	2.8
32.7129	292.528342	292.447674	14.7	0.000385	0.00016	0	19	2.8
38.9877	303.154254	292.7	15.6	0.000493	0.00016	0	19	2.7
34.05852	314.089666	292.7	17	0.00055	0.00016	0	19	2.7
33.24405	325.025078	292.7	18.1	0.000543	0.00017	0	19	2.9
27.20075	335.96049	292.945562	19	0.00044	0.00014	0	19	3
17.98649	333.940716	305.904185	20	0.000309	0.00011	0	19	3
15.23851	317.075298	292	23.1	0.000221	0.00009	0	19	3.1
11.15478	300.209881	292	24.1	0.00014	0.00007	0	19	3.1
9.59731	283.344463	291.3	24.3	0.000104	0.00006	0	19	3.2
9.662	266.479046	284.436032	24.7	0.000087	0.00006	0	19	3.2
16.84186	274.467761	288.400582	24.5	0.000095	0.00009	0	19	3.2
23.51996	289.880438	290	23.7	0.000134	0.00014	0	19	3.2
35.00999	305.293114	290	23.5	0.000251	0.00016	0	19	3.2
38.4318	320.705791	290	24	0.000468	0.0002	0	19	3.3
35.36768	326.898423	304.230559	25.3	0.000523	0.00019	0	19	3.4
22.26963	318.300568	289.3	26.4	0.000392	0.00015	0	19	3.4
18.52292	309.702712	289.3	26.8	0.000308	0.00013	0	19	3.4
20.59999	301.104856	288.628755	28.3	0.000239	0.00012	0	19	3.5
18.28056	292.507	287.934793	29	0.000187	0.00012	0	19	3.5
18.3806	285.731273	288.05	29.2	0.000183	0.00013	0	19	3.5
24.09612	280.039522	287.305693	29.1	0.000165	0.00014	0	19	3.5
19.48054	274.347772	286.44225	29.1	0.000173	0.00012	0	19	3.3
18.92887	268.656022	285.8	29	0.00017	0.00011	0	19	3.3
18.59728	262.964272	278.039938	29.1	0.000156	0.00011	0	19	3.3
18.61983	261.594224	285.031119	29.1	0.000134	0.00011	0	19	3.3
19.55642	260.519678	284.5	29.1	0.000118	0.00012	0	19	3.3
23.99893	259.445131	283.352557	29.2	0.00011	0.00013	0	19	3.4

64.839671	0	0.81934
55.722482	0	0.81941
46.605292	0	0.81948
37.488103	0	0.81955
28.781692	0	0.81961
25.617802	0	0.81967
22.453913	0	0.81972
19.290023	0	0.81977
16.126134	0	0.81983
15.383383	0	0.81992
19.601012	0	0.82001
23.818642	0	0.82007
28.036272	0	0.82013
32.253901	0	0.82018
31.166593	0	0.82023
26.331429	0	0.82027
21.496264	0	0.82031
16.661099	0	0.82035
12.983477	0	0.82041
40.302269	0	0.82047
67.621062	0	0.82052
94.939855	0	0.82057
122.258647	0	0.82062
140.745122	0	0.82067
150.292653	0	0.82072
159.840183	0	0.82077
169.387713	0	0.82082
178.935243	0	0.82087
173.643964	0	0.82092
161.337577	0	0.82102
149.03119	0	0.82115
136.724804	0	0.82131
124.418417	0	0.82147
126.285161	0	0.8216
128.650753	0	0.8217
131.016344	0	0.82182
133.381935	0	0.82198
131.622578	0	0.82214
120.934536	0	0.8223
110.246493	0	0.82247
99.55845	0	0.82261
88.870407	0	0.82272
76.135514	0	0.82281
62.96644	0	0.82288
49.797366	0	0.82294
36.628292	0	0.823
30.429052	0	0.82309
76.831204	0	0.82323
123.233356	0	0.82339
169.635508	0	0.82359
216.03766	0	0.82378
210.721297	0	0.82393
178.284251	0	0.82406
145.847204	0	0.82418
113.410158	0	0.8243
80.973111	0	0.82443
81.274918	0	0.82457
82.589266	0	0.82469
83.903614	0	0.8248
85.217963	0	0.82491
88.749671	0	0.82502
95.538984	0	0.82514
102.328296	0	0.82527

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13:45:11.506		9	1396
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13:45:17.506	194	23.8	763
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13:45:19.506	194	33.8	736
13:45:20.506	194	35.9	699
13:45:21.506	194	34.9	684
13:45:22.506	194	34.7	679
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13:45:24.506	194	34.2	680
13:45:25.506	194	34.4	680
13:45:26.506	194	34	679
13:45:27.506	194	34.1	679
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13:45:32.506	194	33.5	678
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13:45:46.506	194.9	34.4	680
13:45:47.506	195	34.9	681
13:45:48.506	195	34.6	678
13:45:49.506	195.1	34.2	680
13:45:50.506	195.2	34.5	679
13:45:51.506	195.2	34.3	679
13:45:52.506	195.3	34.3	679
13:45:53.506	195.4	34.4	680
13:45:54.506	195.4	33.9	679
13:45:55.506	195.5	34.5	678
13:45:56.506	195.5	34.2	678
13:45:57.506	195.6	34.3	679
13:45:58.506	195.7	34.5	680
13:45:59.506	195.7	34.8	679
13:46:00.506		34.9	680
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13:46:02.506		34.8	679
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13:46:05.506		34.3	680
13:46:06.506		34.3	679
13:46:07.506	195.8	34.6	679
13:46:08.506	195.8	34.7	678
13:46:09.506	195.8	34.1	678
13:46:10.506	195.8	35.2	679
13:46:11.506	195.8	34.4	680
13:46:12.506	195.8	34.4	679

21.17371	258.370584	283.280833	29.1	0.00012	0.00012	0	19	3.3
15.31089	253.66	275.899927	29	0.000128	0.0001	0	19	3.5
12.1181	244.832708	282.5	29	0.00011	0.00008	0	19	3.5
10.73418	236.005416	281.826471	29.4	0.000099	0.00007	0	19	3.6
11.03324	227.178124	280.907723	30.3	0.000084	0.00007	0	19	3.6
11.18786	218.350832	264.904938	29.9	0.000065	0.00007	0	19	3.6
9.67066	215.464167	272.817826	28.3	0.000045	0.00006	0	19	3.6
10.251	214.262842	279.069314	24.3	0.000033	0.00006	0	19	3.6
10.82121	213.061516	278.3	21.3	0.000028	0.00006	0	19	3.6
11.71178	211.860191	278.3	11.9	0.000025	0.00007	0	19	3.5
10.87685	210.658865	253.985205	7.7	0.000023	0.00006	0	19	3.4
10.24108	212.882735	277	4.6	0.000027	0.00006	0	19	3.4
10.42644	215.283087	276.683842	2.4	0.000037	0.00006	0	19	3.4
10.549	217.68344	276.3	0.7	0.000049	0.00006	0	19	3.4
10.48338	220.083792	275.600745	0	0.000058	0.00006	0	19	3.3
10.39941	221.886468	256.425	0	0.000066	0.00005	0	19	3.2
10.37649	222.829074	274.8	0	0.00007	0.00005	0	19	3.2
10.32265	223.77168	274.381014	0	0.000073	0.00005	0	19	3.2
10.46872	224.714286	273.526316	0	0.000076	0.00005	0	19	3.2
10.40371	225.656891	269.385231	0	0.000079	0.00006	0	19	3.2
10.644	226.086179	269.597028	0	0.000081	0.00006	0	19	3.3
10.34503	226.22168	273.437273	0	0.000081	0.00006	0	19	3.3
10.46897	226.357182	272.492658	0	0.000083	0.00006	0	19	3.3
10.42964	226.492683	272.1	0	0.000082	0.00006	0	19	3.3
10.32275	226.630595	250.63704	0	0.000081	0.00006	0	19	3.3
10.41006	226.777684	271.231217	0	0.000081	0.00006	0	19	3.3
10.42285	226.924774	270.8	0	0.000081	0.00006	0	19	3.3
10.43743	227.071864	270.130355	0	0.000082	0.00006	0	19	3.3
10.2248	227.218954	268.75664	0	0.000082	0.00006	0	19	3.3
10.35167	227.231644	257.483721	0	0.000082	0.00006	0	19	3.3
10.58317	227.079404	270.1	0	0.000082	0.00006	0	19	3.4
10.48806	226.927164	269.525417	0	0.000082	0.00006	0	19	3.5
10.43388	226.774924	269.270235	0	0.000083	0.00006	0	19	3.5
10.46908	226.622684	256.352632	0	0.000083	0.00006	0	19	3.5
10.56922	226.489	265.35019	0	0.000083	0.00006	0	19	3.5
10.3649	226.358565	268	0	0.000084	0.00006	0	19	3.5
10.38	226.22813	268	0	0.000084	0.00006	0	19	3.5
10.66274	226.097696	268	0	0.000083	0.00006	0	19	3.5
10.39624	226	249.30202	0	0.000084	0.00006	0	19	3.5
10.43838	226	266.982777	0	0.000084	0.00006	0	19	3.5
10.41056	226	266.7	0	0.000083	0.00006	0	19	3.5
10.39651	226	266.7	0	0.000082	0.00006	0	19	3.3
10.43792	226	254.49	0	0.000083	0.00006	0	19	3.4
10.40994	225.753415	265.424937	0	0.000083	0.00006	0	19	3.5
10.3906	225.481847	266.019041	0	0.000083	0.00006	0	19	3.5
10.47823	225.210278	266.477962	0	0.000083	0.00006	0	19	3.5
10.3431	224.938709	265.615166	0	0.000083	0.00006	0	19	3.5
10.46992	224.681706	246.559091	0	0.000084	0.00006	0	19	3.5
10.44	224.530518	265.3	0	0.000084	0.00006	0	19	3.5
10.38326	224.37933	265.622296	0	0.000084	0.00006	0	19	3.5
10.47446	224.228143	265.409	0	0.000084	0.00006	0	19	3.5
10.45848	224.076955	263.894142	0	0.000084	0.00006	0	19	3.5
10.37045	223.935998	253.177395	0	0.000083	0.00006	0	19	3.5
10.39217	223.805648	264.882135	0	0.000083	0.00006	0	19	3.5
10.41	223.675299	264.6	0	0.000084	0.00006	0	19	3.6
10.53637	223.544949	265.119783	0	0.000084	0.00006	0	19	3.6
10.46041	223.414599	251.703601	0	0.000084	0.00006	0	19	3.6
10.55038	223.282306	264.486166	0	0.000084	0.00006	0	19	3.6
10.56367	223.149768	264.6	0	0.000084	0.00006	0	19	3.6
10.39621	223.01723	264.6	0	0.000084	0.00006	0	19	3.6
10.46644	222.884692	264.6	0	0.000084	0.00006	0	19	3.5
10.44	222.743213	249.97	0	0.000084	0.00006	0	19	3.5
10.44	222.58591	264.6	0	0.000084	0.00006	0	19	3.5

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115.906921	0	0.82549
99.72801	0	0.82557
79.141609	0	0.82564
58.555209	0	0.82571
37.968808	0	0.82578
18.754757	0	0.82584
43.913319	0	0.8259
69.071882	0	0.82596
94.230444	0	0.82603
119.389006	0	0.82609
139.720207	0	0.82615
148.787565	0	0.82621
157.854922	0	0.82627
166.92228	0	0.82633
175.989637	0	0.82638
178.413907	0	0.82643
177.536521	0	0.82648
176.659136	0	0.82653
175.78175	0	0.82659
174.975991	0	0.82665
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174.535463	0	0.82677
174.315198	0	0.82683
174.094934	0	0.82689
173.761426	0	0.82695
173.342138	0	0.82701
172.922851	0	0.82707
172.503564	0	0.82713
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170.533556	0	0.82761
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170.089111	0	0.82773
170	0	0.82779
170	0	0.82785
170	0	0.82791
170	0	0.82797
169.933319	0	0.82803
169.513944	0	0.82809
169.094569	0	0.82815
168.675194	0	0.82821
168.255819	0	0.82827
167.831388	0	0.82833
167.399049	0	0.82839
166.96671	0	0.82845
166.534371	0	0.82851
166.102032	0	0.82857
166	0	0.82863
166	0	0.82869
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166	0	0.82881
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165.736261	0	0.82893
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165.285811	0	0.82905
165.060586	0	0.82911
165	0	0.82917

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13:46:14.506	195.8	34.3	680
13:46:15.506	195.8	34.5	680
13:46:16.506	195.8	34.6	679
13:46:17.506	195.8	34.9	679
13:46:18.506	195.8	34.9	679
13:46:19.506	195.8	34.5	679
13:46:20.506	195.8	34.5	680
13:46:21.506	195.8	34.8	680
13:46:22.506	195.8	33.7	680
13:46:23.506	195.8	33.9	680
13:46:24.506	195.8	34.5	679
13:46:25.506	195.8	35	679
13:46:26.506	195.8	35.6	678
13:46:27.506		42	755
13:46:28.506		71.4	1385
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13:46:30.506		66.2	1650
13:46:31.506		74.7	1767
13:46:32.506		28.7	1609
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13:46:34.506		54.5	1315
13:46:35.506	194.2	52.7	1303
13:46:36.506	194	32.5	1191
13:46:37.506	193.8	14.3	953
13:46:38.506	193.6	16	862
13:46:39.506	193.4	19.1	802
13:46:40.506	193.2	14.1	814
13:46:41.506	193	20.5	777
13:46:42.506	192.8	24	770
13:46:43.506	192.6	27.2	709
13:46:44.506	192.4	29.9	670
13:46:45.506	192.2	35.1	684
13:46:46.506	192	36	685
13:46:47.506	191.8	35.1	680
13:46:48.506	191.6	35.8	678
13:46:49.506	191.5	34.8	679
13:46:50.506	191.3	39.6	743
13:46:51.506	191.1	58.4	1176
13:46:52.506	190.9	80.4	1608
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13:47:00.506		26.7	1021
13:47:01.506		26.9	891
13:47:02.506	191.4	31.9	771
13:47:03.506	191.5	33.9	704
13:47:04.506	191.7	35.4	686
13:47:05.506	191.8	35.8	687
13:47:06.506	191.9	36.1	681
13:47:07.506	192	41.4	824
13:47:08.506	192.2	54.7	1038
13:47:09.506	192.3	50	967
13:47:10.506	192.4	41.5	825
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13:47:12.506	192.7	43.1	819
13:47:13.506	192.8	56.3	1019
13:47:14.506	193	69.1	1282
13:47:15.506	193.1	84.1	1662

10.44163	222.428607	264.6	0	0.000084	0.00006	0	19	3.5
10.44115	222.271303	264.6	0	0.000084	0.00006	0	19	3.5
10.40031	222.114	251.421217	0	0.000084	0.00006	0	19	3.5
10.40742	221.853895	264.372859	0	0.000084	0.00006	0	19	3.5
10.38589	221.583746	264.277105	0	0.000084	0.00006	0	19	3.5
10.331	221.313597	264.045937	0	0.000083	0.00006	0	19	3.5
10.4849	221.043449	263.615556	0	0.000083	0.00006	0	19	3.5
10.36761	220.9	252.308651	0	0.000083	0.00006	0	19	3.5
10.27807	220.9	264.411765	0	0.000084	0.00006	0	19	3.5
10.70643	220.9	264	0	0.000084	0.00006	0	19	3.5
10.50436	220.9	264	0	0.000084	0.00006	0	19	3.5
10.46874	220.9	249.714435	0	0.000083	0.00006	0	19	3.5
10.37549	224.383181	264.509312	0	0.000083	0.00006	0	19	3.5
10.55	228.045831	264	0.2	0.000084	0.00006	0	19	3.5
11.16788	231.708482	264.592673	1.1	0.000129	0.00009	0	19	3.5
30.1553	235.371133	257.996203	1.5	0.000281	0.00017	0	19	3.4
39.19143	247.237549	262.175	2.3	0.00044	0.00021	0	19	3.4
36.79813	261.142104	264.6	5.4	0.000504	0.00023	0	19	3.6
36.1611	275.046659	264.396109	9	0.000476	0.00022	0	19	3.7
24.54558	288.951215	264	11.7	0.000407	0.00018	0	19	3.7
19.09155	298.949354	281.337895	14	0.000293	0.00014	0	19	3.7
18.65326	292.40147	263.798091	15.2	0.000243	0.00013	0	19	3.7
17.73087	285.853586	263.3	15.4	0.000216	0.00011	0	19	3.7
15.58077	279.305702	263.3	16.1	0.00017	0.00009	0	19	3.7
8.91236	272.757817	263.581633	16.5	0.000134	0.00007	0	19	3.7
10.97707	265.249783	263.162385	16.4	0.000139	0.00008	0	19	3.7
11.64654	257.332213	261.255254	16.3	0.000124	0.00007	0	19	3.7
11.84328	249.414642	261.062582	15.4	0.000105	0.00007	0	19	3.6
11.52719	241.497072	260.869418	12.9	0.000085	0.00007	0	19	3.6
11.92808	234.212909	248.705146	12.2	0.000069	0.00007	0	19	3.6
10.688	233.25587	259.240833	9.5	0.000055	0.00007	0	19	3.6
10.62056	232.29883	259.511041	6.8	0.00005	0.00006	0	19	3.6
11.37348	231.341791	258.66274	6.6	0.000051	0.00007	0	19	3.6
10.63692	230.384751	258.5	6.3	0.000053	0.00006	0	19	3.6
10.43542	230.690085	248.290166	5.2	0.000056	0.00006	0	19	3.6
10.41826	232.97822	257.8	3.9	0.000061	0.00006	0	19	3.5
10.44	235.266356	257.8	2.7	0.000068	0.00006	0	19	3.5
11.69075	237.554492	257.1	2	0.000087	0.00007	0	19	3.5
23.9109	239.842627	254.345	1.9	0.000218	0.00016	0	19	3.5
37.11196	250.842581	254.008824	1.7	0.000367	0.0002	0	19	3.4
28.99346	266.152867	255.8	1.8	0.000418	0.00018	0	19	3.4
22.35501	281.463152	254.876232	4.2	0.000394	0.00016	0	19	3.5
26.30067	296.773438	254.3	9.5	0.000408	0.00017	0	19	3.5
28.63156	311.814612	276.113142	10.7	0.000421	0.00017	0	19	3.5
23.33757	304.698983	252.947817	11.5	0.000374	0.00015	0	19	3.5
17.98803	297.583355	252.3	12	0.000292	0.00012	0	19	3.5
13.83247	290.467726	251.961818	12.3	0.000219	0.00009	0	19	3.5
12.14501	283.352097	251.1184	12	0.000159	0.00008	0	19	3.6
10.92162	276.996629	262.164173	10.9	0.000118	0.00007	0	19	3.6
10.75763	272.502247	249.994215	9.5	0.000095	0.00006	0	19	3.5
10.21822	268.007865	249.6	9	0.000081	0.00006	0	19	3.5
10.52248	263.513483	249.022105	7.9	0.000075	0.00006	0	19	3.5
10.60083	259.019101	250.237292	5.5	0.000073	0.00006	0	19	3.5
10.46425	257.342745	250.553507	4.4	0.000077	0.00006	0	19	3.5
14.10974	257.766384	248.446113	3.6	0.000111	0.00009	0	19	3.5
16.43577	258.190023	247.6	2.8	0.000129	0.00009	0	19	3.5
15.03282	258.613662	247.372591	2.3	0.000118	0.00008	0	19	3.5
10.6003	259.037301	250.490385	2.4	0.000112	0.00007	0	19	3.4
10.16567	262.640779	247.682564	2.8	0.000111	0.00007	0	19	3.5
13.59413	266.796623	246.4	2.7	0.000138	0.00008	0	19	3.5
17.23208	270.952468	246.028923	2.2	0.000162	0.0001	0	19	3.5
21.93078	275.108312	245.8	2	0.000263	0.00015	0	19	3.5
43.06064	281.335806	260.296581	2.2	0.000488	0.00024	0	19	3.6

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164.374004	0	0.82983
164.152569	0	0.82989
175.868551	0	0.82995
214.031095	0	0.83001
252.19364	0	0.8301
290.356184	0	0.83027
322.640418	0	0.83048
271.737655	0	0.83071
220.834892	0	0.83093
169.93213	0	0.83111
119.029367	0	0.83125
89.705581	0	0.83138
84.813431	0	0.83149
79.921281	0	0.83158
75.029131	0	0.83165
70.13698	0	0.83173
76.546166	0	0.8318
83.280904	0	0.83187
90.015642	0	0.83194
96.75038	0	0.83201
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125.012343	0	0.83214
142.552404	0	0.83221
160.092464	0	0.83227
177.632525	0	0.83233
194.761257	0	0.83239
211.753611	0	0.83245
228.745964	0	0.83252
245.738318	0	0.83268
260.511643	0	0.83288
225.898678	0	0.83306
191.285714	0	0.83322
156.67275	0	0.83339
122.059786	0	0.83356
96.413764	0	0.83371
94.28972	0	0.83383
92.165675	0	0.83392
90.041631	0	0.834
87.917587	0	0.83407
93.153846	0	0.83413
103.988082	0	0.83419
114.822319	0	0.83425
125.656555	0	0.83431
136.490791	0	0.83437
137.983488	0	0.83446
139.01548	0	0.83455
140.047472	0	0.83463
141.079463	0	0.8347
142.648577	0	0.83477
148.653915	0	0.83485
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160.664591	0	0.8351
166.669929	0	0.83534

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13:47:18.506	193.5	58.7	1456
13:47:19.506	193.6	71.5	1671
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13:47:24.506		11.7	953
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13:47:30.506	194.5	68.1	1752
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13:47:32.506	194.7	56.8	1395
13:47:33.506	194.7	29.9	1154
13:47:34.506	194.8	16.4	932
13:47:35.506	194.9	14.3	853
13:47:36.506	194.9	17.6	794
13:47:37.506	195	20.9	802
13:47:38.506	195	18.9	801
13:47:39.506	195.1	24.8	812
13:47:40.506	195.2	47.1	967
13:47:41.506	195.2	61.4	1147
13:47:42.506	195.3	64.7	1306
13:47:43.506	195.4	65	1412
13:47:44.506	195.4	63.1	1476
13:47:45.506	195.5	58.3	1541
13:47:46.506	195.6	42.9	1522
13:47:47.506	195.6	26.3	1439
13:47:48.506	195.7	13	1296
13:47:49.506	195.8	6.4	1108
13:47:50.506		9.9	1026
13:47:51.506		12.1	911
13:47:52.506		13.6	864
13:47:53.506		14.7	803
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13:47:55.506		24.9	793
13:47:56.506		28.6	781
13:47:57.506		31.5	731
13:47:58.506	194.7	34.9	695
13:47:59.506	194.6	35.4	687
13:48:00.506	194.4	35.7	683
13:48:01.506	194.3	35.7	680
13:48:02.506	194.2	48.8	738
13:48:03.506	194.1	42.7	842
13:48:04.506	193.9	61.7	1143
13:48:05.506	193.8	63.7	1321
13:48:06.506	193.7	65.3	1604
13:48:07.506	193.6	26	1358
13:48:08.506	193.4	47	1265
13:48:09.506	193.3	45	1298
13:48:10.506	193.2	46.1	1330
13:48:11.506	193	50	1372
13:48:12.506	192.9	53.2	1430
13:48:13.506	192.8	52.4	1468
13:48:14.506	192.7	51.5	1512
13:48:15.506	192.5	52	1560
13:48:16.506	192.4	51.4	1604
13:48:17.506	192.3	51.1	1556
13:48:18.506		46.3	1141

42.52973	294.421174	245.459482	2.6	0.000607	0.00025	0	19	3.5
26.54052	307.506543	245.1	4	0.000471	0.00021	0	19	3.8
33.68538	320.591911	244.58417	8.5	0.000414	0.00022	0	19	4.1
35.62075	333.67728	266.080556	10.3	0.000438	0.00024	0	19	4.2
31.45704	329.004915	244.5	10.8	0.000462	0.00023	0	19	4.1
23.99558	318.998303	244.418704	12.1	0.000341	0.00018	0	19	4.2
20.42784	308.991691	244.263877	13.1	0.000212	0.00013	0	19	4.2
11.38183	298.985078	244.022089	13.2	0.00012	0.00008	0	19	4.1
7.76268	291.803777	265.663424	13.1	0.000107	0.00008	0	19	4
13.70133	293.975232	243.9	12.5	0.000112	0.00009	0	19	4
16.3595	296.146686	243.9	11.6	0.000116	0.0001	0	19	3.7
28.52415	298.318141	243.9	10.4	0.000164	0.00016	0	19	3.7
34.41336	300.489595	253.977348	10	0.000321	0.00019	0	19	3.6
37.67705	306.001395	248.187308	9.5	0.000498	0.00022	0	19	3.4
39.02617	312.291649	243.911454	11.3	0.000539	0.00021	0	19	3.3
27.97715	318.581902	244.5	11.9	0.000446	0.00018	0	19	3.4
20.42366	324.872155	244.5	12.6	0.00031	0.00013	0	19	3.4
14.07857	328.322742	287.234525	14.9	0.000203	0.00009	0	19	3.4
7.52272	316.053079	244.843658	16	0.000141	0.00006	0	19	3.5
11.05267	303.783416	244.5	16.5	0.000153	0.00008	0	19	3.5
11.63414	291.513753	244.433833	15.6	0.000125	0.00007	0	19	3.6
11.59382	279.24409	248.191431	14.8	0.0001	0.00007	0.00001	19	3.6
11.29376	274.625386	248.738633	14	0.00008	0.00007	0.00001	19	3.6
12.38684	273.239023	243.9	11.3	0.000074	0.00008	0.00001	19	3.6
16.33767	271.852659	243.9	9.3	0.000078	0.00009	0.00001	19	3.6
17.9146	270.466295	243.9	8	0.00009	0.0001	0	19	3.6
20.87376	271.464131	254.567806	7.5	0.000141	0.00012	0.00001	19	3.5
22.54713	277.946413	244.5	7.5	0.000214	0.00013	0	19	3.4
24.20528	284.428695	244.5	8.1	0.000298	0.00014	0.00002	19	3.4
24.57196	290.910977	245.17787	9.4	0.000324	0.00015	0.00003	19	3.6
20.19595	297.393258	254.896122	10	0.00029	0.00014	0.00005	19	3.7
16.86494	291.697195	254.75	11.9	0.000237	0.00012	0.00005	19	3.7
14.22013	280.137484	245.8	13.1	0.00018	0.0001	0.00005	19	3.8
14.2384	268.577773	246.294862	13.8	0.000139	0.0001	0.00005	19	3.8
14.16	257.018062	246.069388	13.4	0.000107	0.00009	0.00002	19	3.8
13.41959	245.458351	245.9163	12.8	0.00008	0.00009	0.00001	19	3.9
13.00131	241.458066	246.4	11.8	0.000062	0.00009	0.00001	19	3.9
13.14811	237.69962	246.4	10.8	0.000052	0.00009	0	19	3.9
11.86416	233.941174	246.4	10.7	0.000043	0.00008	0	19	3.9
10.84436	230.182728	246.4	10.4	0.000039	0.00007	0	19	3.9
11.39121	227.552293	237.829487	9.8	0.000039	0.00007	0	19	3.9
11.36844	228.635096	246.168025	8	0.000041	0.00007	0	19	3.9
11.11685	229.717898	246.15913	7.6	0.000044	0.00007	0	19	3.9
10.67464	230.800701	246.4	6.8	0.000047	0.00007	0	19	3.9
10.44978	231.883503	245.506996	4.7	0.000051	0.00007	0	19	3.9
10.29688	235.192043	242.988067	4.3	0.000057	0.00007	0	19	4
13.09913	240.530558	247	2.7	0.00007	0.00007	0	19	4
14.7733	245.869073	247	1.3	0.000101	0.0001	0	19	4
18.22129	251.207588	247.051469	0.8	0.000138	0.00012	0	19	3.9
19.85333	256.546103	249.20891	1	0.000191	0.00014	0	19	3.9
26.45378	260.663399	249.76181	2.4	0.000274	0.00017	0	19	3.9
19.97824	264.075701	248.740802	5	0.000294	0.00016	0.00001	19	3.8
17.41933	267.488003	249.065934	7.8	0.000242	0.00013	0.00001	19	3.9
17.23086	270.900304	249.6	9.3	0.000219	0.00013	0.00003	19	4.2
17.22675	274.189932	259.377918	12.9	0.000208	0.00013	0.00003	19	4.3
18.19738	273.884855	250.3	17.7	0.000212	0.00015	0.00003	19	4.5
19.57091	273.579778	250.3	11.3	0.000219	0.00015	0.00004	19	4.5
19.91742	273.2747	250.992762	12.6	0.000219	0.00015	0.00003	19	4.5
20.14211	272.969623	251.353514	13.2	0.000224	0.00016	0.00004	19	4.5
21.10159	272.32964	257.830746	13.2	0.000239	0.00017	0.00004	19	4.5
21.68514	271.270271	252.3	13.1	0.000243	0.00017	0.00005	19	4.5
22.32346	270.210903	252.3	13.2	0.000212	0.00015	0.00004	19	4.6
14.34946	269.151534	252.476877	13.8	0.00017	0.00012	0.00002	19	4.6

170.257534	0	0.83559
172.312329	0	0.8358
174.367123	0	0.83602
176.421918	0	0.83626
174.719983	0	0.83649
160.581979	0	0.83667
146.443976	0	0.8368
132.305972	0	0.83688
118.167968	0	0.83696
116.685889	0	0.83705
128.219132	0	0.83715
139.752374	0	0.83731
151.285617	0	0.8375
160.970336	0	0.83772
146.468029	0	0.83793
131.965722	0	0.83811
117.463415	0	0.83824
102.961107	0	0.83833
94.742857	0	0.83839
92.325275	0	0.83847
89.907692	0	0.83854
87.49011	0	0.83861
85.072527	0	0.83868
106.384091	0	0.83876
128.429545	0	0.83885
150.475	0	0.83895
172.520455	0	0.83907
169.434623	0	0.8392
147.390102	0	0.83934
125.34558	0	0.83949
103.301059	0	0.83963
81.256538	0	0.83975
77.190466	0	0.83985
74.211109	0	0.83995
71.231751	0	0.84004
68.252394	0	0.84013
69.460993	0	0.84022
83.64539	0	0.84031
97.829787	0	0.84039
112.014184	0	0.84046
126.198582	0	0.84053
138.281992	0	0.8406
148.911421	0	0.84067
159.54085	0	0.84074
170.170279	0	0.84081
180.799708	0	0.84088
178.620577	0	0.84095
173.097975	0	0.84105
167.575373	0	0.84117
162.052772	0	0.84131
156.53017	0	0.84148
143.374861	0	0.84164
129.409	0	0.84177
115.443139	0	0.8419
101.477278	0	0.84203
92.48504	0	0.84218
91.174711	0	0.84233
89.864381	0	0.84248
88.554051	0	0.84264
87.243721	0	0.84281
87.17619	0	0.84298
87.392641	0	0.84313
87.609091	0	0.84325

13:48:19.506		36	1058
13:48:20.506		24.8	985
13:48:21.506		36.1	1055
13:48:22.506		54.6	1163
13:48:23.506		55.1	1220
13:48:24.506		62.4	1294
13:48:25.506		65.8	1397
13:48:26.506	192.2	60.9	1355
13:48:27.506	192.2	50.4	1317
13:48:28.506	192.2	54.4	1357
13:48:29.506	192.2	55.5	1339
13:48:30.506	192.2	48.6	1285
13:48:31.506	192.2	46.7	1290
13:48:32.506	192.2	43.5	1296
13:48:33.506	192.2	40.5	1299
13:48:34.506	192.2	42.4	1280
13:48:35.506	192.2	47.4	1302
13:48:36.506	192.2	55.1	1329
13:48:37.506	192.2	56.9	1363
13:48:38.506	192.2	56.3	1408
13:48:39.506	192.2	49.7	1446
13:48:40.506	192.2	16.4	1417
13:48:41.506	192.2	0.2	1364
13:48:42.506	192.2	0	1207
13:48:43.506	192.2	8.3	855
13:48:44.506	192.2	13.9	819
13:48:45.506	192.2	12.1	810
13:48:46.506		14.5	782
13:48:47.506		25.7	766
13:48:48.506		33.2	713
13:48:49.506		35.9	691
13:48:50.506		36.1	683
13:48:51.506		35.5	681
13:48:52.506		35.4	680
13:48:53.506		36.1	676
13:48:54.506	192.2	35.9	679
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13:48:56.506	192.2	35.3	681
13:48:57.506	192.2	35	679
13:48:58.506	192.2	34.6	679
13:48:59.506	192.2	34.9	678
13:49:00.506	192.2	34.4	678
13:49:01.506	192.2	34.2	679
13:49:02.506	192.2	34.5	679
13:49:03.506	192.2	34.5	680
13:49:04.506	192.2	34.2	681
13:49:05.506	192.2	34.7	679
13:49:06.506	192.2	34.5	680
13:49:07.506	192.2	34.3	679
13:49:08.506	192.2	33.7	679
13:49:09.506	192.2	34	679
13:49:10.506	192.2	34.1	679
13:49:11.506	192.2	34.1	680
13:49:12.506	192.2	34.5	680
13:49:13.506	192.2	34.9	680
13:49:14.506		34.5	680
13:49:15.506		34.2	679
13:49:16.506		34.8	679
13:49:17.506		34.6	680
13:49:18.506		34.8	679
13:49:19.506		34.9	680
13:49:20.506		35	679
13:49:21.506		34.5	678

12.43645	268.092165	257.504831	14.3	0.000136	0.0001	0.00002	19	4.6
11.60585	267.209353	253.059367	14.6	0.000127	0.0001	0.00002	19	4.6
12.64599	266.343364	253	14.8	0.000132	0.00011	0.00001	19	4.6
16.85684	265.477376	253.248558	14.6	0.000141	0.00013	0.00001	19	4.6
17.97385	264.611388	253.6	14.4	0.000154	0.00014	0	19	4.6
19.64175	265.233828	258.04	14.3	0.000197	0.00016	0	19	4.5
22.58543	269.430521	254.364235	14.6	0.000243	0.00017	0	19	4.5
20.67321	273.627215	255	14.9	0.000253	0.00015	0	19	4.4
17.60061	277.823908	254.448265	15.8	0.000249	0.00014	0	19	4.4
21.12822	282.020602	258.546228	16	0.000268	0.00016	0	19	4.4
20.23364	282.649678	262.272727	16.7	0.000254	0.00016	0	19	4.5
16.04271	280.65259	255.8	17.2	0.000228	0.00015	0	19	4.5
16.75535	278.655502	256.5	17.8	0.000212	0.00014	0	19	4.6
16.05591	276.658415	256.5	18.2	0.000194	0.00013	0	19	4.6
15.03815	274.661327	260.594044	18.2	0.000183	0.00013	0	19	4.6
16.04537	275.267619	258.851931	18.2	0.000179	0.00013	0	19	4.6
18.31681	276.655941	256.567588	18.3	0.000192	0.00015	0	19	4.6
20.25761	278.044263	256.5	18.4	0.000199	0.00016	0	19	4.6
21.19704	279.432585	256.5	18.6	0.000215	0.00016	0	19	4.6
21.87681	280.820906	264.075382	18.9	0.000242	0.00017	0	19	4.6
19.75337	273.574898	257.866427	19.4	0.000238	0.00016	0	19	4.6
15.31265	265.050097	257.1	20	0.000209	0.00014	0	19	4.5
12.32445	256.525295	257.1	20.5	0.000159	0.00011	0	19	4.6
10.21122	248.000494	257.1	20.4	0.000119	0.00009	0	19	4.6
7.06071	240.378015	249.718684	19.8	0.000103	0.00009	0	19	4.6
13.49768	236.069673	256.5	19.4	0.000094	0.00011	0	19	4.7
13.68956	231.761331	256.5	18.2	0.000069	0.00011	0	19	4.7
13.19388	227.452988	256.5	16.7	0.000053	0.0001	0	19	4.6
10.73897	223.144646	255.827068	13.5	0.000042	0.00009	0	19	4.5
10.97699	221.56226	245.917532	11.5	0.000038	0.00008	0	19	4.5
10.88497	222.944848	255.8	8.2	0.000038	0.00008	0	19	4.4
10.58865	224.327436	255.763206	5.1	0.00004	0.00007	0	19	4.4
10.39115	225.710024	255	4	0.000047	0.00007	0	19	4.4
10.48022	227.092612	246.947674	3.4	0.000055	0.00007	0	19	4.3
10.23692	227.913165	253.488768	1.8	0.000064	0.00007	0	19	4.2
10.45492	228.634536	255	1.6	0.000071	0.00007	0	19	4.2
10.49824	229.355906	254.603794	0.9	0.000075	0.00007	0	19	4.2
10.42248	230.077277	254.3	0.4	0.000079	0.00007	0	19	4.2
10.46641	230.552394	246.229885	0	0.000081	0.00007	0	19	4.2
10.3465	230.67895	254.3	0	0.000081	0.00007	0	19	4.2
10.18765	230.805505	254.3	0	0.000082	0.00007	0	19	4.2
10.30895	230.932061	254.3	0	0.000083	0.00007	0	19	4.2
10.43253	231.058616	250.50831	0	0.000083	0.00007	0	19	4.1
10.52837	230.913772	249.966667	0	0.000083	0.00007	0	19	4.1
10.40417	230.637058	253.6	0	0.000083	0.00007	0	19	4.1
10.41547	230.360345	253.6	0	0.000083	0.00007	0	19	4.1
10.46641	230.083631	253.333254	0	0.000083	0.00007	0	19	4.1
10.56361	229.806918	244.60751	0	0.000084	0.00007	0	19	4.1
10.4431	229.536267	252.959311	0	0.000084	0.00007	0	19	4.1
10.47	229.265772	252.412758	0	0.000084	0.00007	0	19	4.1
10.49542	228.995277	253	0	0.000084	0.00007	0	19	4.1
10.48288	228.724782	252.51506	0	0.000083	0.00007	0	19	4.1
10.54613	228.431739	240.471151	0	0.000083	0.00007	0	19	4.1
10.514	228.027827	252.3	0	0.000083	0.00007	0	19	4.1
10.53288	227.623916	252.3	0	0.000083	0.00007	0	19	4
10.49333	227.220004	251.719713	0	0.000083	0.00007	0	19	4
10.37161	226.816093	251.000685	0	0.000082	0.00007	0	19	4
10.35665	226.6	244.798804	0	0.000082	0.00007	0	19	4
10.41	226.6	251.6	0	0.000083	0.00007	0	19	4
10.36945	226.6	251	0	0.000083	0.00007	0	19	4
10.43286	226.6	251	0	0.000083	0.00007	0	19	4
10.47205	226.6	244.480162	0	0.000083	0.00007	0	19	4
10.45044	226.389179	249.191417	0	0.000084	0.00007	0	19	4

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89.07064	0	0.84345
94.589404	0	0.84356
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82.035685	0	0.84477
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79.463333	0	0.84506
78.63	0	0.84519
77.796667	0	0.84532
77.233995	0	0.84545
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87.870117	0	0.84576
93.188178	0	0.84592
98.506238	0	0.84609
100.5059	0	0.84625
84.414932	0	0.84639
68.323965	0	0.8465
52.232997	0	0.84659
36.14203	0	0.84668
37.173243	0	0.84679
55.742562	0	0.8469
74.31188	0	0.847
92.881199	0	0.84709
111.450517	0	0.84717
126.90194	0	0.84725
141.341595	0	0.84732
155.78125	0	0.84739
170.220905	0	0.84746
182.870583	0	0.84753
181.745217	0	0.8476
180.619851	0	0.84767
179.494486	0	0.84774
178.36912	0	0.84781
177.715616	0	0.84788
177.292425	0	0.84795
176.869234	0	0.84802
176.446043	0	0.84809
176.022852	0	0.84816
175.798466	0	0.84823
175.585428	0	0.8483
175.37239	0	0.84837
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175	0	0.84851
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175	0	0.84865
175	0	0.84872
175	0	0.84879
174.886146	0	0.84886
174.673335	0	0.84893
174.460524	0	0.849
174.247712	0	0.84907
174.034901	0	0.84914
173.648	0	0.84921
173.226947	0	0.84928
172.805895	0	0.84935
172.384842	0	0.84942
171.981421	0	0.84949

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13:49:23.506	192.2	34.5	680
13:49:24.506	192.2	34.9	679
13:49:25.506	192.2	34.4	679
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13:49:27.506	192.2	34.2	678
13:49:28.506	192.2	33.4	679
13:49:29.506	192.2	34.5	679
13:49:30.506	192.2	34.2	679
13:49:31.506	192.2	34.7	679
13:49:32.506	192.2	34.1	679
13:49:33.506	192.2	34.3	680
13:49:34.506	192.2	34.5	680
13:49:35.506	192.2	34.5	680
13:49:36.506	192.2	34.4	681
13:49:37.506	192.2	34.6	679
13:49:38.506	192.2	50.4	967
13:49:39.506	192.2	72.9	1514
13:49:40.506	192.2	81.6	1859
13:49:41.506	192.2	75.3	1852
13:49:42.506		45.2	1661
13:49:43.506		27.6	1598
13:49:44.506		62.4	1477
13:49:45.506		75.3	1522
13:49:46.506		73.3	1371
13:49:47.506		82	1363
13:49:48.506		86.9	1461
13:49:49.506		86.5	1599
13:49:50.506	193.8	75.3	1719
13:49:51.506	194	43.8	1522
13:49:52.506	194.2	49.6	1394
13:49:53.506	194.4	51.5	1387
13:49:54.506	194.6	56.8	1392
13:49:55.506	194.8	65.9	1398
13:49:56.506	195	68.4	1409
13:49:57.506	195.2	70.5	1427
13:49:58.506	195.4	79.8	1475
13:49:59.506	195.6	80.7	1519
13:50:00.506	195.8	70.6	1566
13:50:01.506	196	58.4	1584
13:50:02.506	196.1	44.2	1574
13:50:03.506	196.3	40.3	1537
13:50:04.506	196.5	49	1508
13:50:05.506	196.7	36.8	1471
13:50:06.506	196.9	36.6	1436
13:50:07.506	197.1	36.8	1405
13:50:08.506	197.3	39	1367
13:50:09.506	197.5	53.6	1344
13:50:10.506		68.5	1345
13:50:11.506		73.9	1365
13:50:12.506		76.1	1392
13:50:13.506		71.9	1427
13:50:14.506		25.5	1427
13:50:15.506		0.7	1397
13:50:16.506		0	1327
13:50:17.506		0	1225
13:50:18.506	194.9	0	1090
13:50:19.506	194.5	0	1032
13:50:20.506	194.2	6.8	788
13:50:21.506	193.9	30.4	1027
13:50:22.506	193.6	57	1503
13:50:23.506	193.3	56.9	1589
13:50:24.506	192.9	51.1	1632

10.36119	226.130502	251	0	0.000084	0.00007	0	19	4
10.31487	225.871826	250.3	0	0.000084	0.00007	0	19	4
10.51037	225.613149	250.3	0	0.000084	0.00007	0	19	4
10.3414	225.374371	238.112105	0	0.000084	0.00007	0	19	4
10.46451	225.22875	250.492688	0	0.000084	0.00007	0.00001	19	4
10.35764	225.083129	250.706684	0	0.000084	0.00007	0	19	4
10.46832	224.937508	249.803109	0	0.000085	0.00007	0	19	4
10.41172	224.791887	249.6	0	0.000085	0.00007	0	19	4
10.4515	224.595672	240.651201	0	0.000084	0.00007	0	19	3.9
10.39348	224.31294	249.946246	0	0.000083	0.00007	0.00001	19	4
10.40783	224.030209	249.690015	0	0.000083	0.00007	0.00001	19	4
10.36516	223.747477	249.474435	0	0.000083	0.00007	0.00001	19	4
10.36963	223.464746	243.192094	0	0.000083	0.00007	0.00001	19	4
10.48556	225.65977	248.328529	0	0.000083	0.00007	0.00001	19	4
10.44417	228.590729	249	0	0.000084	0.00007	0.00001	19	4
10.48026	231.521689	249	0	0.000087	0.00007	0.00001	19	4
15.05541	234.452649	249	0	0.000132	0.00011	0.00002	19	4
31.20212	239.073548	242.994551	0.2	0.000289	0.00021	0	19	4
45.76045	252.246563	249.210323	1.5	0.00061	0.00031	0.00004	19	3.9
46.78622	265.419579	250.013731	3.8	0.000651	0.00037	0.00002	19	4.7
33.98706	278.592594	250.956589	6.3	0.000486	0.00036	0.00004	19	5.7
32.09418	291.76561	251.838767	12	0.000357	0.00031	0.00001	19	5.8
26.8	303.31917	263.836567	13.9	0.000277	0.00028	0.00001	19	5.9
26.02442	313.01696	250.3	14.5	0.000271	0.00024	0.00001	19	5.5
25.36025	322.71475	249.6	16.4	0.000338	0.00021	0.00001	19	4.8
32.89055	332.412539	249.6	17.6	0.000469	0.00024	0.00002	19	4.5
43.75395	341.956768	286.685215	18.6	0.000692	0.00032	0	19	4.3
47.00845	346.85578	249.466904	19.5	0.000806	0.00035	0	19	4.3
40.5063	351.754792	249	20.9	0.000705	0.00042	0	19	5.9
28.31727	356.653803	249	22.7	0.000502	0.00032	0	19	5.8
21.79911	361.552815	248.341614	24.4	0.000372	0.00024	0	19	5.3
21.42937	363.331649	290.032982	25.1	0.000298	0.00018	0	19	4.6
23.70454	359.976222	247.956774	25.3	0.000282	0.00017	0	19	4.4
23.82859	356.620795	247.6	25.7	0.000295	0.00016	0	19	4.1
23.46135	353.265369	247	25.7	0.000307	0.00016	0.00001	19	4
25.95864	349.909942	255.483665	25.7	0.000377	0.00018	0.00002	19	3.9
33.80087	350.585676	269.766322	25.8	0.000458	0.0002	0.00003	19	3.8
36.20813	354.559632	246.514419	26.2	0.000562	0.00023	0.00002	19	3.8
31.68723	358.533588	246.4	26.3	0.000538	0.00021	0.00002	19	3.7
25.89866	362.507544	246.075567	27.2	0.000474	0.00019	0.00002	19	3.6
20.76624	365.027919	299.778659	28.5	0.000331	0.00014	0.00001	19	3.6
20.08848	353.860406	245.1	28.7	0.000312	0.00014	0.00002	19	3.6
20.4793	342.692893	245.1	29	0.000262	0.00013	0.00002	19	3.6
17.12413	331.525381	245.1	28.4	0.000213	0.00011	0.00005	19	3.6
16.55381	320.357868	251.113699	28.2	0.000184	0.0001	0.00005	19	3.4
15.9914	315.868558	259.111594	27.3	0.000166	0.00009	0.00005	19	3.4
16.15792	316.520874	243.934737	25.6	0.000163	0.00009	0.00005	19	3.3
20.35055	317.17319	243.9	25.7	0.000183	0.00011	0.00005	19	3.3
24.35079	317.825506	243.9	25.3	0.000235	0.00013	0.00007	19	3.3
26.92473	318.477821	271.149722	25.2	0.000303	0.00014	0.00007	19	3.2
28.22232	316.68836	243.980511	24.9	0.000382	0.00015	0.00007	19	3.1
31.28735	314.812955	244.335	25.1	0.000453	0.00016	0.00005	19	3.1
24.558	312.937551	244.289501	25.6	0.000422	0.00014	0.00003	19	3.1
13.99208	311.062147	244.5	26.1	0.000208	0.00008	0.00002	19	3.1
10.08304	305.899622	270.517008	26.1	0.000144	0.00006	0.00001	19	3.1
9.28174	293.971861	244.161538	25.9	0.0001	0.00005	0.00002	19	3.2
8.62416	282.044099	244.5	24.8	0.000072	0.00005	0.00002	19	3.2
8.31493	270.116338	243.925159	22.3	0.000052	0.00005	0.00002	19	3.2
6.59562	258.188576	244.663464	19.8	0.000045	0.00005	0.00002	19	3.2
12.88909	256.102975	246.177951	17.4	0.000045	0.00007	0.00003	19	3.2
24.24483	261.594966	243.9	16.2	0.000081	0.00011	0.00007	19	3.2
23.12183	267.086957	244.065517	12.9	0.000135	0.00012	0.00008	19	3.1
23.42301	272.578947	244.5	12.9	0.000188	0.00012	0.0001	19	3.1

171.765392	0	0.84956
171.549363	0	0.84963
171.333333	0	0.8497
171.117304	0	0.84977
171.094578	0	0.84984
171.301531	0	0.84991
171.508485	0	0.84998
171.715439	0	0.85005
171.922392	0	0.85012
172	0	0.85019
172	0	0.85026
172	0	0.85033
172	0	0.8504
172.909387	0	0.85047
179.645589	0	0.85054
186.381791	0	0.85061
193.117992	0	0.85072
199.854194	0	0.85093
202.433942	0	0.85124
201.37192	0	0.85161
200.309898	0	0.85197
199.247876	0	0.85228
198.185854	0	0.85256
245.020725	0	0.8528
302.015544	0	0.85301
359.010363	0	0.85325
416.005181	0	0.85357
426.615043	0	0.85392
363.44158	0	0.85434
300.268117	0	0.85466
237.094655	0	0.8549
173.921192	0	0.85508
144.863388	0	0.85525
133.934426	0	0.85541
123.005464	0	0.85557
112.076503	0	0.85575
101.147541	0	0.85595
98.421865	0	0.85618
96.658585	0	0.85639
94.895305	0	0.85658
93.132026	0	0.85672
92.566712	0	0.85686
94.149706	0	0.85699
95.7327	0	0.8571
97.315694	0	0.8572
98.898688	0	0.85729
107.342609	0	0.85738
116.255652	0	0.85749
125.168696	0	0.85762
134.081739	0	0.85776
134.412966	0	0.85791
117.784887	0	0.85807
101.156809	0	0.85821
84.528731	0	0.85829
67.900652	0	0.85835
57.19891	0	0.8584
50.70132	0	0.85845
44.203731	0	0.8585
37.706141	0	0.85855
31.208552	0	0.85862
44.378986	0	0.85873
62.043588	0	0.85885
79.70819	0	0.85897

13:50:25.506	192.6	70	1467
13:50:26.506	192.3	82.5	1666
13:50:27.506	192	77.5	1527
13:50:28.506	191.7	66.5	1489
13:50:29.506	191.3	25.4	1557
13:50:30.506	191	15.7	1557
13:50:31.506	190.7	28.6	1565
13:50:32.506	190.4	43.9	1599
13:50:33.506	190.1	13.8	1610
13:50:34.506	189.7	18	1613
13:50:35.506	189.4	39	1651
13:50:36.506	189.1	42.5	1697
13:50:37.506	188.8	40.3	1329
13:50:38.506		37.8	1356
13:50:39.506		45.2	1385
13:50:40.506		47.3	1422
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13:50:42.506		10.7	1423
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13:50:46.506	189.1	0	1318
13:50:47.506	189.2	0	1293
13:50:48.506	189.3	0	1262
13:50:49.506	189.3	0	1234
13:50:50.506	189.4	0	1156
13:50:51.506	189.5	0	1028
13:50:52.506	189.5	3.8	819
13:50:53.506	189.6	14.9	803
13:50:54.506	189.7	17.1	801
13:50:55.506	189.7	18.9	794
13:50:56.506	189.8	19.9	789
13:50:57.506	189.9	21.2	793
13:50:58.506	189.9	27.2	787
13:50:59.506	190	33.2	727
13:51:00.506	190.1	34.9	694
13:51:01.506	190.1	36.1	688
13:51:02.506	190.2	36.5	681
13:51:03.506	190.2	36.5	679
13:51:04.506	190.3	35.8	679
13:51:05.506	190.4	35.9	679
13:51:06.506		35.4	681
13:51:07.506		35.5	680
13:51:08.506		35.6	679
13:51:09.506		35.5	679
13:51:10.506		43	740
13:51:11.506		78.4	1418
13:51:12.506		65	1358
13:51:13.506	190.9	65.3	1663
13:51:14.506	191	30.7	1159
13:51:15.506	191	20.1	950
13:51:16.506	191.1	60	1451
13:51:17.506	191.2	78.2	1942
13:51:18.506	191.2	39.8	1742
13:51:19.506	191.3	39.7	1489
13:51:20.506	191.4	7.7	1098
13:51:21.506	191.4	8.1	964
13:51:22.506	191.5	12.2	919
13:51:23.506	191.6	11	868
13:51:24.506	191.6	12	838
13:51:25.506	191.7	25.2	936
13:51:26.506	191.8	47.8	1091
13:51:27.506	191.8	44	1008

28.76121	279.284297	260.55487	13.6	0.000267	0.00013	0.00013	19	3.1
39.99823	290.998643	245.963113	14.2	0.000452	0.00018	0.00025	19	3
35.57767	302.712988	246.892109	15.4	0.00055	0.00019	0.00026	19	3
28.12951	314.427333	248.123077	17.2	0.000487	0.00016	0.00021	19	3
24.00537	326.141679	248.908955	19.3	0.000403	0.00014	0.00017	19	3
21.65545	327.419781	278.439386	21.1	0.000295	0.00013	0.0001	19	3.1
18.52081	313.429095	250.3	22	0.00019	0.00011	0.00009	19	3.2
18.51327	299.438409	250.3	22.1	0.000132	0.00011	0.00009	19	3.2
19.72817	285.447722	250.95	22.1	0.000125	0.00011	0.00011	19	3.2
19.61819	271.457036	251.260822	22.3	0.00012	0.00011	0.00011	19	3.2
20.32628	263.722849	255.704092	22.9	0.000114	0.00011	0.00015	19	3.2
20.90162	263.129377	252.3	23	0.000119	0.00011	0.00016	19	3.2
17.39486	262.535905	252.903377	23.4	0.000122	0.0001	0.00015	19	3.2
15.88794	261.942433	253.334528	24	0.000126	0.00009	0.00015	19	3.2
18.15603	261.348961	255.795473	24.4	0.000138	0.0001	0.00015	19	3.2
20.57826	258.12979	254.827706	24.7	0.000165	0.00011	0.0002	19	3.2
20.87838	254.03071	254.960127	25.5	0.000168	0.00011	0.0002	19	3.2
15.62582	249.931631	255.995373	26.1	0.00015	0.00009	0.00018	19	3.2
11.92632	245.832552	256.5	26.6	0.000122	0.00007	0.00014	19	3.2
11.29856	241.122395	249.738636	26.6	0.000104	0.00006	0.00013	19	3.2
10.92849	233.755525	256.5	26.3	0.000082	0.00006	0.00012	19	3.2
10.62276	226.388655	256.5	25.3	0.000061	0.00006	0.00011	19	3.2
10.17131	219.021785	256.979534	24.8	0.000045	0.00006	0.0001	19	3.3
9.99619	211.654915	257.1	24.6	0.000033	0.00005	0.00009	19	3.3
9.67853	206.241596	242.162409	24.3	0.000025	0.00005	0.00008	19	3.3
9.06652	203.355348	257.1	24	0.00002	0.00005	0.00007	19	3.4
7.92723	200.4691	257.668182	23.2	0.000014	0.00005	0.00006	19	3.4
6.86436	197.582852	257.153721	21.9	0.000014	0.00005	0.00006	19.6	3.4
13.03845	194.696604	247.658706	20.3	0.000017	0.00007	0.00007	20	3.5
12.19808	193.9	248.607225	15.8	0.000016	0.00007	0.00007	20	3.5
11.15199	193.9	258.438987	14	0.000016	0.00007	0.00006	20	3.4
11.51419	193.9	258.5	11.2	0.000021	0.00006	0.00005	20	3.3
11.76167	193.9	258.781903	9.1	0.000026	0.00007	0.00005	20	3.4
11.75226	193.9	235.113821	8.6	0.00003	0.00006	0.00005	20	3.3
11.96359	196.951969	259.8	8.1	0.000033	0.00006	0.00005	20	3.3
11.22367	200.101575	259.8	7.4	0.000036	0.00006	0.00004	20	3.3
10.7723	203.251181	259.8	6.6	0.00004	0.00006	0.00003	20	3.3
10.24295	206.400787	260.362989	4.2	0.000044	0.00006	0.00003	20	3.3
10.5352	209.141383	239.460914	2.6	0.000052	0.00006	0.00003	20	3.4
10.43043	210.776133	260.718109	1.3	0.000059	0.00006	0.00003	20	3.4
10.56652	212.410883	261.274236	0.6	0.000065	0.00006	0.00003	20	3.4
10.24885	214.045633	261.8	0.4	0.00007	0.00006	0.00003	20	3.3
10.30562	215.680383	244.728214	0	0.000074	0.00006	0.00003	20	3.3
10.56959	221.601631	261.8	0	0.000078	0.00006	0.00003	20	3.3
10.54337	227.574942	262.013333	0.2	0.000081	0.00006	0.00004	20	3.3
13.49007	233.548252	262.6	0.9	0.000123	0.00009	0.00006	20	3.2
22.97149	239.521563	262.6	1.4	0.000192	0.00012	0.00008	20	3.2
19.19318	245.314833	255.191989	2.3	0.000213	0.00012	0.00008	20	3.2
29.16834	250.613833	264.281379	4.1	0.000276	0.00013	0.00007	20	3.1
21.07641	255.912833	265.089091	5.6	0.000236	0.00011	0.00005	20	3.1
13.86334	261.211832	265.3	7.8	0.000206	0.0001	0.00006	20	3.1
33.89553	266.510832	265.675728	8.3	0.000375	0.00019	0.00011	20	3.2
53.56564	271.369852	266.979381	9.7	0.000704	0.00029	0.00019	20	3.1
42.04318	275.89424	267.164825	9.8	0.000582	0.00026	0.00015	20	3.6
29.61326	280.418627	267.504615	10.5	0.000388	0.00025	0.00009	20	4.7
14.27838	284.943015	268	13	0.000144	0.00009	0.00003	20	4.3
6.82669	288.911803	276.292235	15.5	0.000094	0.00006	0.00002	20	3.7
9.30074	278.42	267.772144	16.2	0.000086	0.00006	0.00002	20	3.8
14.18013	267.928197	266.792719	17.8	0.000094	0.00009	0.00003	20	3.8
13.50287	257.436393	266.7	17.3	0.000074	0.00009	0.00003	20	3.8
12.39216	246.94459	261.643333	16.9	0.000058	0.00009	0.00003	20	3.8
14.41263	242.724989	265.495601	15.5	0.000054	0.00009	0.00004	20	3.8
13.78917	240.410764	266	14.8	0.000047	0.00008	0.00003	20	3.7

97.372792	0	0.8591
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100.91086	0	0.85947
96.725884	0	0.85963
92.540908	0	0.85977
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87.675806	0	0.86012
88.079032	0	0.86023
88.482258	0	0.86034
88.885484	0	0.86045
89.931483	0	0.86056
91.232437	0	0.86066
92.533391	0	0.86075
93.834345	0	0.86085
93.8113	0	0.86096
82.381497	0	0.86107
70.951693	0	0.86116
59.521889	0	0.86123
48.092085	0	0.86129
39.101241	0	0.86135
32.89405	0	0.86141
26.686858	0	0.86147
20.479666	0	0.86152
14.272474	0	0.86157
14.157205	0	0.86162
15.612809	0	0.86167
17.068413	0	0.86172
18.524017	0	0.86179
19.979622	0	0.86186
43.023565	0	0.86193
66.374036	0	0.86199
89.724507	0	0.86206
113.074979	0	0.86212
134.054213	0	0.86218
149.947964	0	0.86224
165.841716	0	0.8623
181.735467	0	0.86236
197.629218	0	0.86242
199.72829	0	0.86248
196.594897	0	0.86254
193.461504	0	0.8626
190.328111	0	0.86266
192.43199	0	0.86272
209.677086	0	0.86278
226.922182	0	0.86287
244.167277	0	0.86299
261.412373	0	0.86311
276.983326	0	0.86324
291.519453	0	0.86335
306.055579	0	0.86345
320.591706	0	0.86364
335.127832	0	0.86393
286.635481	0	0.86419
234.120035	0	0.86444
181.60459	0	0.86453
129.089144	0	0.86459
96.661355	0	0.86465
93.380361	0	0.86474
90.099367	0	0.86483
86.818374	0	0.86492
84.835202	0	0.86501
90.758621	0	0.86509

13:51:28.506	191.9	24.3	818
13:51:29.506	192	21.6	800
13:51:30.506	192	19.5	803
13:51:31.506	192.1	20.6	781
13:51:32.506	192.1	27.4	780
13:51:33.506		31.4	726
13:51:34.506		32.3	679
13:51:35.506		36.2	686
13:51:36.506		37.2	688
13:51:37.506		48.4	862
13:51:38.506		61.2	1140
13:51:39.506		51.2	974
13:51:40.506		28.8	718
13:51:41.506	193.3	32.5	671
13:51:42.506	193.4	34.5	674
13:51:43.506	193.5	37.2	676
13:51:44.506	193.7	36.7	678
13:51:45.506	193.8	36.7	678
13:51:46.506	193.9	37.2	679
13:51:47.506	194	36.1	682
13:51:48.506	194.2	41.4	787
13:51:49.506	194.3	58.6	1099
13:51:50.506	194.4	73.5	1422
13:51:51.506	194.6	74.8	1568
13:51:52.506	194.7	65.7	1712
13:51:53.506	194.8	73.9	1714
13:51:54.506	195	83.7	1801
13:51:55.506	195.1	81.4	1922
13:51:56.506	195.2	82.3	2133
13:51:57.506	195.3	82.1	2254
13:51:58.506	195.5	62.3	2079
13:51:59.506	195.6	69.6	1661
13:52:00.506	195.7	67.2	1555
13:52:01.506		71.5	1554
13:52:02.506		71.5	1537
13:52:03.506		68.3	1514
13:52:04.506		42.6	1484
13:52:05.506		8.1	1408
13:52:06.506		10.5	1325
13:52:07.506		25.9	1238
13:52:08.506	196.3	41.3	1225
13:52:09.506	196.4	30.8	1178
13:52:10.506	196.4	37.9	1154
13:52:11.506	196.5	46.9	1197
13:52:12.506	196.6	49.8	1235
13:52:13.506	196.6	42.3	1166
13:52:14.506	196.7	55.1	1293
13:52:15.506	196.8	64.9	1415
13:52:16.506	196.8	45.8	1308
13:52:17.506	196.9	18.7	1103
13:52:18.506	197	13.1	951
13:52:19.506	197	11	894
13:52:20.506	197.1	11.5	853
13:52:21.506	197.2	12.9	810
13:52:22.506	197.2	14	793
13:52:23.506	197.3	19.2	792
13:52:24.506	197.3	29.8	1094
13:52:25.506	197.4	59.8	1403
13:52:26.506	197.5	80.5	1718
13:52:27.506	197.5	79.7	1864
13:52:28.506		69.9	1673
13:52:29.506		63	1501
13:52:30.506		56.6	1369

11.30346	238.096539	266	14.6	0.000049	0.00007	0.00003	20	3.6
10.80132	235.782314	266	13.6	0.000056	0.00006	0.00004	20	3.6
11.04203	233.477309	252.111111	12.2	0.000067	0.00006	0.00005	20	3.5
11.41301	231.324843	265.798797	11	0.000072	0.00007	0.00007	20	3.5
11.72224	229.172377	265.3	9.4	0.00007	0.00007	0.00008	20	3.5
11.61043	227.01991	265.3	8.3	0.000062	0.00007	0.00008	20	3.5
10.63515	224.867444	263.170469	8	0.000053	0.00006	0.00007	20	3.6
11.03643	227.090062	256.089402	7.2	0.000054	0.00006	0.00007	20	3.4
10.90188	232.266046	264.815385	7	0.000061	0.00007	0.00006	20	3.4
15.37081	237.442029	264.6	6.1	0.000089	0.00008	0.00009	20	3.3
18.48854	242.618012	264.6	4.1	0.000128	0.0001	0.00012	20	3.3
15.74704	247.793996	261.212692	2.8	0.000141	0.0001	0.0001	20	3.3
12.91158	247.549246	263.706431	2.7	0.000129	0.00008	0.00008	20	3.4
11.16	245.65778	264.6	3	0.000121	0.00007	0.00007	20	3.4
10.6839	243.766314	264.235206	3.2	0.000111	0.00007	0.00008	20	3.4
10.48194	241.874848	264	2.7	0.000102	0.00006	0.00008	20	3.5
10.7677	240.476723	255.037705	1.4	0.000094	0.00006	0.00008	20	3.5
10.55365	240.098571	263.3	1	0.000087	0.00006	0.00006	20	3.3
10.49838	239.72042	263.3	0	0.000084	0.00006	0.00006	20	3.3
10.30107	239.342269	262.612744	0	0.000083	0.00006	0.00006	20	3.3
11.41109	238.964118	260.291045	0	0.0001	0.00007	0.00007	20	3.3
17.28762	247.926592	257.327353	0.1	0.000161	0.0001	0.00011	20	3.3
24.53113	264.051314	261.8	0.4	0.000244	0.00014	0.00016	20	3.3
26.41702	280.176036	261.8	0.6	0.000371	0.00017	0.00017	20	3.2
35.99524	296.300757	261.8	1.7	0.000556	0.00022	0.00024	20	3.2
45.86452	313.195419	283.455418	4.6	0.000625	0.00023	0.00026	20	3.2
46.71003	339.450925	260.666213	6	0.000717	0.00026	0.00029	20	3.2
53.56485	365.706432	260.635417	10.2	0.000846	0.00039	0.00028	20	4.2
70.332	391.961938	259.176042	12.3	0.001096	0.00069	0.00029	20	5.9
87.12383	418.217445	259.589699	14.5	0.001363	0.00138	0.0003	20	9.7
66.36261	427.79304	296.968823	16.7	0.000976	0.00152	0.0002	20	13.9
43.93469	422.929308	257.298649	19.1	0.000632	0.00108	0.00016	20	14.4
38.04053	418.065577	257.1	21.4	0.000498	0.00072	0.00009	20	12.1
29.73	413.201845	256.301281	22.6	0.000452	0.0005	0.0001	20	9.4
26.12264	408.338113	290.438804	22.5	0.000417	0.00031	0.00007	20	6.4
25.47752	393.573001	263.822485	22	0.000381	0.00021	0.00006	20	5
17.74841	375.783185	255.009398	21.8	0.000337	0.00016	0.00007	20	4.3
17.04842	357.993369	255.459818	21.4	0.000277	0.00014	0.00007	20	4.1
18.37488	340.203554	255	21	0.000225	0.00013	0.00008	20	4
12.09	324.003699	289.435088	19.8	0.000138	0.0001	0.00007	20	4
15.63987	316.743425	254.3	18.7	0.000111	0.00011	0.00008	20	4
14.03675	309.483151	253.831662	17.8	0.000076	0.00009	0.00007	20	3.9
14.6273	302.222877	253.693271	17	0.000082	0.00009	0.00006	20	3.9
15.44949	294.962603	263.426372	16.8	0.000098	0.0001	0.00007	20	3.9
17.28813	295.715755	254.917188	16.4	0.000107	0.0001	0.00007	20	3.9
13.33427	298.849029	253	16	0.000117	0.00009	0.00007	20	3.8
18.28263	301.982304	253.275893	15.8	0.000173	0.00012	0.00009	20	3.7
22.95772	305.115578	253.188147	15.8	0.000209	0.00013	0.00011	20	3.7
16.30351	305.337871	277.631083	15.9	0.000212	0.00012	0.0001	20	3.7
13.53143	296.291308	253.316014	16.3	0.000167	0.00008	0.00008	20	3.5
8.77429	287.244745	253	16.5	0.000144	0.00007	0.00007	20	3.4
14.39837	278.198182	253.395254	16.8	0.000158	0.00008	0.00008	20	3.4
13.13749	269.151619	254.725846	16.2	0.000128	0.00008	0.00009	20	3.5
13.27766	263.739594	254.633553	15.6	0.000097	0.00008	0.00008	20	3.5
12.91399	259.67868	252.947979	14.9	0.000073	0.00008	0.00008	20	3.5
12.21507	255.617766	252.852786	14.2	0.000056	0.00007	0.00006	19.4	3.4
15.76893	251.556853	252.657926	13.4	0.000065	0.00009	0.00008	19	3.4
25.42658	252.450053	250.799416	12	0.000137	0.00015	0.00013	19	3.3
42.33838	273.409917	253.6	10.7	0.000332	0.00021	0.00019	19	3.3
44.90402	294.369781	254.006744	11.1	0.000585	0.00024	0.00023	19	3.1
41.53981	315.329645	255.776017	12.9	0.000565	0.00022	0.00017	19	3.1
26.45107	336.289509	260.24147	15.1	0.000433	0.00017	0.00014	19	3.2
21.57778	340.48142	283.067457	16.8	0.000319	0.00013	0.0001	19	3.2

96.682039	0	0.86516
102.605458	0	0.86522
108.528877	0	0.86528
116.915567	0	0.86535
128.788918	0	0.86542
140.662269	0	0.86549
152.53562	0	0.86555
164.408971	0	0.86561
169.656323	0	0.86568
173.878404	0	0.86576
178.100486	0	0.86586
182.322567	0	0.86596
186.611099	0	0.86604
191.348297	0	0.86611
196.085495	0	0.86618
200.822693	0	0.86624
205.559892	0	0.8663
204.514286	0	0.86636
200.942857	0	0.86642
197.371429	0	0.86648
193.8	0	0.86655
190.228571	0	0.86665
194.360248	0	0.86679
199.018634	0	0.86696
203.677019	0	0.86718
208.335404	0	0.86741
211.188588	0	0.86767
211.629213	0	0.86806
212.069839	0	0.86875
212.510465	0	0.87013
212.951091	0	0.87165
195.612618	0	0.87273
176.054259	0	0.87345
156.495899	0	0.87395
136.937539	0	0.87426
118.609598	0	0.87447
108.233463	0	0.87463
97.857328	0	0.87477
87.481193	0	0.8749
77.105058	0	0.875
78.740792	0	0.87511
92.010066	0	0.8752
105.279341	0	0.87529
118.548616	0	0.87539
129.425133	0	0.87549
125.229019	0	0.87558
121.032906	0	0.8757
116.836793	0	0.87583
112.64068	0	0.87595
105.439565	0	0.87603
96.30913	0	0.8761
87.178696	0	0.87618
78.048261	0	0.87626
69.188367	0	0.87634
90.118088	0	0.87642
111.047808	0	0.87649
131.977528	0	0.87658
152.907248	0	0.87673
162.101212	0	0.87694
158.061238	0	0.87718
154.021263	0	0.8774
149.981289	0	0.87757
145.941314	0	0.8777

13:52:31.506		32	1376
13:52:32.506		0	1342
13:52:33.506		0	1124
13:52:34.506		8.8	846
13:52:35.506	196.2	22.3	781
13:52:36.506	196	21.8	792
13:52:37.506	195.8	32.3	735
13:52:38.506	195.6	56.3	912
13:52:39.506	195.4	69.7	1302
13:52:40.506	195.2	74.4	1464
13:52:41.506	195	56.9	1410
13:52:42.506	194.8	56.8	1418
13:52:43.506	194.6	53.3	1497
13:52:44.506	194.4	47.6	1501
13:52:45.506	194.2	47.3	1519
13:52:46.506	194	47.7	1553
13:52:47.506	193.8	47.5	1571
13:52:48.506	193.6	52.8	1606
13:52:49.506	193.4	35.1	1130
13:52:50.506	193.2	26.5	949
13:52:51.506	193	19.6	819
13:52:52.506	192.8	41.1	1080
13:52:53.506	192.6	51.2	1420
13:52:54.506	192.4	40.6	1417
13:52:55.506		55.7	1505
13:52:56.506		70	1651
13:52:57.506		46.3	1563
13:52:58.506		59.3	1379
13:52:59.506		58.6	1362
13:53:00.506		44	1301
13:53:01.506		35.6	1241
13:53:02.506	192.2	36	1225
13:53:03.506	192.2	52.9	1307
13:53:04.506	192.2	42.8	1273
13:53:05.506	192.2	11.8	1016
13:53:06.506	192.2	11	924
13:53:07.506	192.2	12.3	866
13:53:08.506	192.2	35.4	1032
13:53:09.506	192.2	49.8	1147
13:53:10.506	192.2	51.1	1187
13:53:11.506	192.2	52.8	1201
13:53:12.506	192.2	68.9	1394
13:53:13.506	192.2	70.2	1461
13:53:14.506	192.2	69.8	1500
13:53:15.506	192.2	56.9	1371
13:53:16.506	192.2	51	1338
13:53:17.506	192.2	23	1330
13:53:18.506	192.2	10.9	1302
13:53:19.506	192.2	9.6	1256
13:53:20.506	192.2	9	1092
13:53:21.506	192.2	10.2	965
13:53:22.506	192.2	11.3	902
13:53:23.506		12.5	838
13:53:24.506		15.3	801
13:53:25.506		17.7	805
13:53:26.506		21.4	776
13:53:27.506		29.1	741
13:53:28.506		35.7	704
13:53:29.506		35.7	690
13:53:30.506	192.7	36.4	682
13:53:31.506	192.8	35.6	678
13:53:32.506	192.9	36.4	674
13:53:33.506	192.9	35.5	681

18.51994	327.150991	258.223118	18.5	0.000271	0.00011	0.00008	19	3.2
12.57347	313.820562	257.920976	19.4	0.000175	0.00007	0.00006	19	3.2
10.99928	300.490133	258.325833	19.7	0.000132	0.00006	0.00005	19	3.2
13.44773	287.159704	266.013037	19	0.000124	0.00007	0.00006	19	3.2
11.02036	281.900091	259.051295	17.2	0.000096	0.00007	0.00006	19	3.2
10.906	277.557208	258.5	14.8	0.00007	0.00006	0.00006	19	3.2
11.15389	273.214325	258.5	11.2	0.000055	0.00006	0.00006	19	3.3
17.5555	268.871442	259.074899	8	0.000067	0.00008	0.00009	19	3.3
22.73321	271.544061	261.53342	6	0.00013	0.00012	0.00013	19	3.2
26.63167	281.232183	260.274435	5.9	0.000227	0.00013	0.00013	19	3.2
18.9164	290.920305	261.171447	7.3	0.000265	0.00012	0.0001	19	3.1
20.7757	300.608427	261.438247	9.3	0.000304	0.00012	0.0001	19	3.1
20.95562	310.296549	280.650894	10.9	0.000307	0.00012	0.00012	19	3.1
19.52603	306.055076	263.403983	11.8	0.000272	0.00011	0.00011	19	3.1
19.44055	301.514807	264	12.5	0.00025	0.00011	0.00011	19	3.1
20.0406	296.974538	264.524897	13.1	0.000228	0.00011	0.00011	19	3.1
19.83533	292.434269	266.683281	13.5	0.000209	0.00011	0.00011	19	3.2
20.30643	287.081669	271.143628	13.7	0.000198	0.00011	0.00011	19	3.2
13.34844	281.178429	266	14.1	0.000126	0.00007	0.00007	19	3.2
9.41534	275.275189	266.7	14.3	0.00011	0.00006	0.00007	19	3.2
11.39919	269.371949	267.021316	14.4	0.00011	0.00006	0.00007	19	3.2
15.29399	264.531758	265.811088	14	0.000136	0.00009	0.00009	19	3.2
22.54971	270.440177	267.595111	13	0.000143	0.0001	0.00011	19	3.2
18.42813	276.348597	268.8	12.2	0.000143	0.0001	0.00012	19	3.2
21.6173	282.257016	269.372396	12.1	0.00019	0.00012	0.00013	19	3.2
29.49535	288.165436	269.5	12.5	0.000266	0.00014	0.00015	19	3.2
26.50977	292.207738	278.569526	13	0.000306	0.00014	0.00016	19	3.2
20.79904	292.799584	271.179283	14	0.000284	0.00012	0.00013	19	3.2
20.00458	293.391429	271.5	15	0.00027	0.00012	0.00012	19	3.2
17.35964	293.983275	272.1	15.6	0.000241	0.0001	0.00011	19	3.2
15.09405	294.575121	277.820839	16.5	0.000214	0.00009	0.00009	19	3.2
14.64623	290.280618	274.767578	16.9	0.000193	0.00009	0.00008	19	3.2
18.75578	284.679373	272.827632	16.9	0.000189	0.0001	0.0001	19	3.2
17.43242	279.078128	273.5	16.8	0.000153	0.00009	0.00009	19	3.3
10.21437	273.476884	273.5	16.8	0.000111	0.00006	0.00006	19	3.3
8.90611	268.826635	271.840369	16.9	0.00011	0.00006	0.00006	19	3.2
13.63428	266.504689	273.5	16.6	0.000131	0.00007	0.00007	19	3.2
12.77808	264.182742	273.5	15.7	0.000116	0.00008	0.00008	19	3.2
15.59154	261.860795	273.5	14.8	0.000105	0.00009	0.00008	19	3.2
16.59286	259.538848	269.810497	14.4	0.000109	0.00009	0.00008	19	3.2
16.72193	267.594264	272.249425	14.5	0.000145	0.0001	0.00009	19	3.2
22.96709	278.06808	274.2	14.7	0.000222	0.00013	0.00009	19	3.3
24.63363	288.541895	274.2	14.9	0.000283	0.00013	0.00011	19	3.2
25.99724	299.015711	274.694595	15.6	0.000345	0.00014	0.00012	19	3.2
21.77484	302.348724	285.671212	16.6	0.000323	0.00012	0.00012	19	3.2
18.70472	294.970534	275.6	17.7	0.000293	0.00011	0.00011	19	3.2
18.34171	287.592343	274.935065	23.3	0.00026	0.0001	0.0001	19	3.2
15.71121	280.214153	274.8	41.5	0.000211	0.00009	0.00009	19	3.2
15.11092	272.743776	274.222568	49.7	0.000168	0.00009	0.00008	19	3.3
13.67683	264.341286	274.297315	30.8	0.000109	0.00008	0.00007	19	3.3
8.24991	255.938797	274.608696	16.9	0.00007	0.00006	0.00006	19	3.3
11.46667	247.536307	273.724968	16.5	0.000059	0.00007	0.00006	19	3.4
13.50775	239.133817	274.070511	16.1	0.000057	0.00007	0.00006	19	3.3
12.32066	232.627506	256.550661	14.9	0.000044	0.00007	0.00006	19	3.2
10.82529	231.247898	273.5	13.8	0.000038	0.00006	0.00005	19	3.2
11.28265	229.868291	273.060591	12.4	0.000038	0.00006	0.00005	19	3.2
11.04843	228.488683	272.8	10	0.000039	0.00006	0.00005	19	3.2
11.52731	227.109075	268.859624	8.2	0.000039	0.00006	0.00005	19	3.2
10.82612	227.601587	265.436921	7	0.00004	0.00006	0.00004	19	3.3
10.31438	229.188889	272.68959	6.4	0.000043	0.00006	0.00004	19	3.3
10.29293	230.77619	272.686047	3.9	0.00005	0.00005	0.00004	19	3.2
10.36533	232.363492	272.1	1.5	0.000059	0.00005	0.00004	19	3.2
10.49	233.722506	254.049287	1.2	0.000066	0.00005	0.00004	19	3.2

125.645638	0	0.87781
100.41179	0	0.87788
75.177942	0	0.87794
49.944094	0	0.87801
37.343558	0	0.87808
86.423313	0	0.87814
135.503067	0	0.8782
184.582822	0	0.87828
233.662577	0	0.8784
218.967502	0	0.87853
185.115098	0	0.87865
151.262695	0	0.87877
117.410291	0	0.87889
94.773104	0	0.879
94.101812	0	0.87911
93.430521	0	0.87922
92.75923	0	0.87933
92.087939	0	0.87944
91.613778	0	0.87951
91.169333	0	0.87957
90.724889	0	0.87963
90.280444	0	0.87972
91.473209	0	0.87982
95.465644	0	0.87992
99.458079	0	0.88004
103.450515	0	0.88018
107.44295	0	0.88032
105.238714	0	0.88044
99.072671	0	0.88056
92.906628	0	0.88066
86.740586	0	0.88075
81	0	0.88084
81	0	0.88094
81	0	0.88103
81	0	0.88109
81	0	0.88115
87.203909	0	0.88122
98.087961	0	0.8813
108.972012	0	0.88139
119.856064	0	0.88148
129.458845	0	0.88158
121.500682	0	0.88171
113.542519	0	0.88184
105.584357	0	0.88198
97.626194	0	0.8821
90.646322	0	0.88221
84.148294	0	0.88231
77.650267	0	0.8824
71.152239	0	0.88249
67.688202	0	0.88257
69.594577	0	0.88263
71.500953	0	0.8827
73.407329	0	0.88277
75.313705	0	0.88284
87.312783	0	0.8829
104.989006	0	0.88296
122.66523	0	0.88302
140.341453	0	0.88308
158.008202	0	0.88314
166.210375	0	0.8832
174.412547	0	0.88325
182.61472	0	0.8833
190.816892	0	0.88335

13:53:34.506	193	35.3	681
13:53:35.506	193.1	35.4	678
13:53:36.506	193.1	35.1	680
13:53:37.506	193.2	35.5	679
13:53:38.506	193.3	34.9	679
13:53:39.506	193.3	35.3	679
13:53:40.506	193.4	35.3	681
13:53:41.506	193.5	35	680
13:53:42.506	193.5	34.9	681
13:53:43.506	193.6	34.7	680
13:53:44.506	193.6	34.8	679
13:53:45.506	193.7	35.1	679
13:53:46.506	193.8	34.5	679
13:53:47.506	193.8	34.6	679
13:53:48.506	193.9	98.5	1302
13:53:49.506	194	84.2	1701
13:53:50.506		55.1	1702
13:53:51.506		55.9	1792
13:53:52.506		54.3	1773
13:53:53.506		47.2	1424
13:53:54.506		42.9	1239
13:53:55.506		38.6	1218
13:53:56.506		51.4	1293
13:53:57.506	194	44.1	1269
13:53:58.506	194	30	1174
13:53:59.506	194	15.5	969
13:54:00.506	194	15.9	885
13:54:01.506	194	15.4	843
13:54:02.506	194	16.4	805
13:54:03.506	194	17.6	793
13:54:04.506	194	18.8	785
13:54:05.506	194	15.2	825
13:54:06.506	194	16.2	804
13:54:07.506	194	18.5	777
13:54:08.506	194	27.3	762
13:54:09.506	194	33.9	711
13:54:10.506	194	35.2	691
13:54:11.506	194	35.9	683
13:54:12.506	194	35.3	681
13:54:13.506	194	36	680
13:54:14.506	194	36.1	680
13:54:15.506	194	35.3	679
13:54:16.506	194	36.7	678
13:54:17.506		35.9	679
13:54:18.506		35.3	679
13:54:19.506		35.3	680
13:54:20.506		34.9	682
13:54:21.506		35.1	680
13:54:22.506		35	678
13:54:23.506		42	700
13:54:24.506	194	50.1	1031
13:54:25.506	194	65.8	1263
13:54:26.506	194	52.1	1496
13:54:27.506	194	21.3	1370
13:54:28.506	194	28.4	961
13:54:29.506	194	41.1	1021
13:54:30.506	194	72.6	1447
13:54:31.506	194	23.5	1251
13:54:32.506	194	17.9	1017
13:54:33.506	194	10.7	881
13:54:34.506	194	43.4	1107
13:54:35.506	194	24.8	967
13:54:36.506	194	27.7	838

10.52557	234.276829	271.5	0.6	0.000071	0.00005	0.00004	19	3.2
10.34695	234.831153	271.5	0.4	0.000075	0.00005	0.00004	19	3.2
10.34436	235.385477	270.8	0	0.000078	0.00005	0.00005	19	3.2
10.37139	235.9398	265.786611	0	0.00008	0.00005	0.00005	19	3.2
10.32257	236.1	265.565283	0	0.000081	0.00006	0.00005	19	3.2
10.46895	236.1	270.8	0	0.000084	0.00006	0.00005	19	3.2
10.41533	236.1	270.178764	0	0.000084	0.00006	0.00005	19	3.2
10.45538	236.1	270.471991	0	0.000084	0.00006	0.00006	19	3.2
10.63346	236.1	256.602377	0	0.000084	0.00006	0.00005	19	3.2
10.45615	236.1	270.1	0	0.000083	0.00006	0.00006	19	3.2
10.40221	236.1	269.738924	0	0.000083	0.00006	0.00005	19	3.2
10.43804	236.1	270.091081	0	0.000083	0.00005	0.00005	19	3.1
10.39562	236.1	262.662462	0	0.000082	0.00005	0.00004	19	3.1
10.3631	249.61363	265.599615	0	0.000108	0.00007	0.00006	19	3.1
29.97568	266.505666	269.424947	0	0.000236	0.00013	0.00012	19	3.1
38.75421	283.397703	269.5	0.4	0.000406	0.00018	0.0002	19	3.1
40.70738	300.28974	269.832547	2.8	0.00057	0.00021	0.00031	19	3.1
47.32127	314.287834	291.454378	7	0.00061	0.00023	0.00034	19	3.1
39.43065	310.655449	270.1	11	0.00054	0.00022	0.00032	19	3.1
26.89246	307.023063	269.670996	14.8	0.000357	0.00017	0.00022	19	3.4
15.71557	303.390678	269.420604	14.8	0.0002	0.0001	0.00014	19	3.2
14.69646	299.758293	271.751967	15.4	0.000159	0.00009	0.00011	19	3.4
17.71496	294.033746	274.781818	16.1	0.000161	0.0001	0.00012	19	3.4
16.28721	286.737329	268.934731	16.3	0.000152	0.00009	0.00011	19	3.4
13.06093	279.440912	268.145833	16.5	0.000134	0.00008	0.0001	19	3.4
8.41964	272.144495	268.443593	16.7	0.000103	0.00006	0.00008	19	3.4
11.53926	264.848078	266.261777	16.7	0.000105	0.00006	0.00009	19	3.4
11.8352	258.48235	267.3	16.3	0.000112	0.00007	0.0001	19	3.4
11.74	252.14938	267.3	16	0.000097	0.00007	0.0001	19	3.5
11.74	245.816409	266.876834	15.1	0.000079	0.00007	0.0001	19	3.5
11.55654	239.483439	266.0575	14.7	0.000066	0.00007	0.0001	19	3.5
12.1221	234.540586	255.826586	13.7	0.000057	0.00007	0.00009	19	3.5
11.87138	231.954563	265.586192	13	0.000051	0.00007	0.00009	19	3.5
11.7325	229.36854	265.856594	12.1	0.000047	0.00007	0.00009	19	3.5
11.69792	226.782518	265.3	9.5	0.000044	0.00007	0.00008	19	3.5
11.52927	224.196495	257.864256	8.1	0.000041	0.00007	0.00008	19	3.6
10.82092	224.51918	258.890407	6.9	0.000041	0.00006	0.00008	19	3.5
10.37061	226.136492	264.6575	6	0.000043	0.00006	0.00007	19	3.5
10.45064	227.753804	264.443873	3.8	0.000048	0.00006	0.00007	19	3.5
10.35014	229.371116	264	2.6	0.000056	0.00006	0.00007	19	3.3
10.33716	230.697469	250.437841	1.7	0.000063	0.00006	0.00007	19	3.3
10.41415	231.351339	263.3	1.8	0.000069	0.00006	0.00007	19	3.3
10.52956	232.00521	262.816364	1.6	0.000073	0.00005	0.00007	19	3.2
10.61907	232.65908	263.3	0.9	0.000078	0.00006	0.00007	19	3.2
10.56812	233.312951	260.821614	0.5	0.00008	0.00006	0.00007	19	3.2
10.5972	233.6	256.807477	0.5	0.000082	0.00006	0.00007	19	3.2
10.58	233.6	262.6	0.6	0.000082	0.00006	0.00008	19	3.2
10.37806	233.6	262.6	0.4	0.000082	0.00006	0.00008	19	3.2
10.39127	233.6	262.176725	0.2	0.000082	0.00006	0.00008	19	3.2
10.377	233.99738	249.411096	0.2	0.00009	0.00006	0.00008	19	3.3
13.04012	238.364192	261.680282	0.8	0.000117	0.00008	0.00008	19	3.3
21.68351	242.731004	261.486917	1.5	0.00019	0.00012	0.00012	19	3.3
26.94203	247.097817	261.8	2.7	0.000289	0.00015	0.00015	19	3.2
24.64287	251.464629	261.395132	4.9	0.000274	0.00013	0.00014	19	3.2
17.2836	254.859635	259.598947	6.8	0.000192	0.00011	0.00011	19	3.3
15.75496	257.324674	261.245	7.2	0.00016	0.00011	0.00011	19	3.3
24.64062	259.789713	260.5	8.2	0.00017	0.00013	0.00013	19	3.3
15.22684	262.254752	260.5	8.4	0.000134	0.00008	0.00008	19	3.2
8.16348	262.158442	261.825591	9.2	0.000112	0.00006	0.00005	19	3.1
10.20709	255.851737	260.101865	9.7	0.00015	0.00007	0.00006	19	3.1
14.82048	249.545032	259.98058	10.7	0.000153	0.00008	0.00007	19	3.1
9.94468	243.238327	259.705481	9.9	0.000108	0.00006	0.00006	19	3.2
12.00835	236.931622	253.471081	9.6	0.000093	0.00006	0.00007	19	3.2

194.024336	0	0.8834
192.033186	0	0.88345
190.042035	0	0.8835
188.050885	0	0.88355
186.059735	0	0.88361
185.574468	0	0.88367
185.135775	0	0.88373
184.697083	0	0.88379
184.25839	0	0.88385
184.09405	0	0.88391
184.322883	0	0.88397
184.551716	0	0.88402
184.780549	0	0.88407
185.398322	0	0.88414
195.113491	0	0.88427
204.82866	0	0.88445
214.543829	0	0.88466
224.258998	0	0.88489
218.67244	0	0.88511
198.501425	0	0.88528
178.33041	0	0.88538
158.159395	0	0.88547
137.98838	0	0.88557
123.768696	0	0.88566
109.855652	0	0.88574
95.942609	0	0.8858
82.029565	0	0.88586
75.28913	0	0.88593
81.81087	0	0.886
88.332609	0	0.88607
94.854348	0	0.88614
101.376087	0	0.88621
111.326987	0	0.88628
122.414854	0	0.88635
133.50272	0	0.88642
144.590586	0	0.88649
155.678452	0	0.88655
165.27707	0	0.88661
174.83121	0	0.88667
184.38535	0	0.88673
193.93949	0	0.88679
196.638028	0	0.88685
194.26938	0	0.8869
191.900732	0	0.88696
189.532084	0	0.88702
187.163437	0	0.88708
186.387366	0	0.88714
185.729327	0	0.8872
185.071288	0	0.88726
184.413249	0	0.88732
178.721676	0	0.8874
164.532635	0	0.88752
150.343593	0	0.88767
136.154551	0	0.8878
121.96551	0	0.88791
116.937663	0	0.88802
114.33041	0	0.88815
111.723157	0	0.88823
109.115904	0	0.88829
109.638246	0	0.88836
112.502313	0	0.88844
115.36638	0	0.8885
118.230447	0	0.88856

13:54:37.506	194	29	924
13:54:38.506	194	42.1	978
13:54:39.506	194	23.4	842
13:54:40.506	194	21.3	795
13:54:41.506	194	23.3	795
13:54:42.506	194	24.7	795
13:54:43.506	194	24.8	797
13:54:44.506		25.1	799
13:54:45.506		26	798
13:54:46.506		26.8	798
13:54:47.506		27.4	797
13:54:48.506		31	769
13:54:49.506		30.2	711
13:54:50.506		27.9	685
13:54:51.506		26.7	682
13:54:52.506	194	27.1	681
13:54:53.506	194	27.1	678
13:54:54.506	194	27.1	679
13:54:55.506	194	26.5	678
13:54:56.506	194	26.3	680
13:54:57.506	194	27.1	678
13:54:58.506	194	29.2	673
13:54:59.506	194	31.5	674
13:55:00.506	194	31.8	681
13:55:01.506	194	33.9	677
13:55:02.506	194	35.5	689
13:55:03.506	194	35.6	684
13:55:04.506	194	35.9	677
13:55:05.506	194	36.8	680
13:55:06.506	194	35.7	679
13:55:07.506	194	35.2	683
13:55:08.506	194	36.5	731
13:55:09.506	194	30.1	678
13:55:10.506	194	32.1	669
13:55:11.506	194	34.9	701
13:55:12.506		47.4	949
13:55:13.506		64.7	1279
13:55:14.506		64.7	1526
13:55:15.506		58.6	1584
13:55:16.506		12	914
13:55:17.506		15.1	823
13:55:18.506		23.8	927
13:55:19.506		23.9	857
13:55:20.506	194.5	30.3	900
13:55:21.506	194.6	31.4	915
13:55:22.506	194.7	25.9	793
13:55:23.506	194.7	21.9	795
13:55:24.506	194.8	21.5	796
13:55:25.506	194.9	27.4	772
13:55:26.506	194.9	33.9	715
13:55:27.506	195	34.1	693
13:55:28.506	195.1	34	684
13:55:29.506	195.1	34	679
13:55:30.506	195.2	33.8	677
13:55:31.506	195.3	35.6	680
13:55:32.506	195.3	34.8	681
13:55:33.506	195.4	35.7	679
13:55:34.506	195.5	34.9	681
13:55:35.506	195.5	35.3	681
13:55:36.506	195.6	35.1	681
13:55:37.506	195.6	34.8	679
13:55:38.506	195.7	34.4	679
13:55:39.506	195.8	34.3	678

15.60529	233.510359	256.561716	9.5	0.0001	0.00007	0.00007	19	3.2
13.5585	230.936439	258.562648	9	0.000087	0.00007	0.00007	19	3.2
9.12521	228.362519	258.5	8.5	0.000071	0.00006	0.00006	19	3.2
11.06758	225.788598	258.102885	8.5	0.000072	0.00006	0.00006	19	3.2
11.63489	223.260148	242.699863	8.7	0.000076	0.00006	0.00006	19	3.2
11.76416	221.317765	257.8	8.6	0.000075	0.00006	0.00005	19	3.2
11.96307	219.375382	257.463582	8.1	0.000073	0.00006	0.00006	19	3.2
11.89478	217.432999	257.1	7.7	0.00007	0.00007	0.00005	19	3.2
11.89972	215.490615	255.031711	7.5	0.000066	0.00007	0.00005	19	3.2
11.85324	214.300129	244.6395	7.4	0.000064	0.00006	0.00005	19	3.1
11.88	213.892228	256.761146	7.4	0.000064	0.00006	0.00005	19	3.1
11.64864	213.484328	256.5	7.4	0.000062	0.00006	0.00005	19	3.1
10.90481	213.076428	256.31234	7.3	0.000057	0.00006	0.00004	19	3.1
10.28869	212.668527	245.302804	7	0.000056	0.00005	0.00005	19	3.1
10.26367	211.888889	255.545133	6.6	0.000056	0.00005	0.00004	19	3.1
10.15971	211.034188	255	6.2	0.000057	0.00005	0.00005	19	3.1
10.33	210.179487	255	6.1	0.000059	0.00005	0.00004	19	3.1
10.42359	209.324786	255	6.2	0.00006	0.00005	0.00004	19	3.1
10.42803	208.7	235.553093	6.1	0.000059	0.00005	0.00005	19	3.1
10.46424	208.7	254.3	6.2	0.00006	0.00005	0.00004	19	3.1
10.2973	208.7	253.75697	6.2	0.00006	0.00005	0.00005	19	3.1
10.29696	208.7	253.6	6.1	0.00006	0.00005	0.00004	19	3.1
10.58923	208.7	246.531284	6.1	0.000061	0.00005	0.00004	19	3.1
10.48075	209.343413	247.42625	6	0.00006	0.00005	0.00005	19	3
10.2416	210.315335	253.032791	5.7	0.000062	0.00005	0.00004	19	3
10.99032	211.287257	253	5.5	0.000066	0.00006	0.00005	19	3
10.59097	212.259179	253.281789	5.5	0.000066	0.00005	0.00004	19	3
10.1988	213.231712	237.265079	4.8	0.000068	0.00005	0.00005	19	3
10.41	214.222703	253	2.9	0.000072	0.00005	0.00004	19	3
10.35305	215.213694	252.675789	2.2	0.000075	0.00005	0.00005	19	3.1
10.45779	216.204685	252.3	0.5	0.00008	0.00006	0.00005	19	3.1
12.72311	217.195676	250.740449	1.2	0.000086	0.00006	0.00005	19	3.1
9.45131	219.479365	244.706558	1.5	0.000079	0.00005	0.00005	19	3.1
10.41671	222.653968	252.3	2.3	0.000083	0.00006	0.00004	19	3.1
11.01078	225.828571	252.3	2.9	0.000093	0.00006	0.00005	19	3.1
16.61171	229.003175	252.3	3.2	0.000128	0.00009	0.00007	19	3.1
20.37897	232.177778	248.937578	2.7	0.000165	0.00011	0.00009	19	3.1
23.71623	233	249.753472	2.5	0.00022	0.00013	0.00011	19	3.2
23.62519	233	251.723229	4.1	0.000247	0.00012	0.0001	19	3.2
13.16124	233	251.6	7.3	0.000205	0.0001	0.00009	19	3.5
11.20021	233	251.6	8.7	0.000151	0.00008	0.00007	19	3.8
8.63695	232.88239	244.145692	9	0.000121	0.00008	0.00007	19	4
8.46513	229.088531	251.473759	8.6	0.000098	0.00008	0.00006	19	4.1
12.53074	225.294671	251.261761	8.5	0.000096	0.00009	0.00008	19	4.1
8.95732	221.500811	251.6	8.5	0.000075	0.00008	0.00006	19	4.1
11.19944	217.706952	250.240069	8.4	0.000065	0.00007	0.00006	19	4.1
11.2088	215.169735	241.542761	8.2	0.000066	0.00008	0.00006	19	4
11.60756	214.043907	250.517008	8.3	0.000069	0.00008	0.00005	19	4
11.6567	212.918079	250.970642	8.2	0.000067	0.00007	0.00005	19	3.9
11.53898	211.792252	250.080023	8	0.000062	0.00007	0.00005	19	3.9
10.90409	210.666424	237.222926	7.7	0.000058	0.00007	0.00004	19	3.9
10.37342	211.534768	249.6	6.4	0.000056	0.00007	0.00004	19	3.9
10.4358	212.528146	249.6	4.4	0.000058	0.00007	0.00004	19	3.9
10.42426	213.521523	249.6	4.4	0.000062	0.00007	0.00004	19	3.9
10.38418	214.514901	249.068267	4.4	0.000067	0.00007	0.00004	19	3.9
10.42795	215.327323	237.900962	4.4	0.00007	0.00007	0.00004	19	3.9
10.47791	215.88042	249.259518	3.6	0.000074	0.00007	0.00004	19	3.8
10.67426	216.433518	249	1.2	0.000078	0.00007	0.00004	19	3.8
10.49546	216.986615	248.8124	1	0.00008	0.00007	0.00004	19	3.8
10.38	217.539712	238.816644	0.5	0.000081	0.00007	0.00004	19	3.8
10.54953	217.744908	247.341873	0.4	0.000081	0.00007	0.00004	19	3.8
10.43325	217.907542	247.619974	0	0.000083	0.00007	0.00004	19	3.8
10.36	218.070177	248.074454	0	0.000083	0.00007	0.00004	19	3.8

121.014401	0	0.88863
121.450796	0	0.8887
121.887192	0	0.88876
122.323587	0	0.88882
122.759983	0	0.88888
125.400768	0	0.88894
130.735809	0	0.889
136.070849	0	0.88907
141.40589	0	0.88914
146.74093	0	0.8892
150.673666	0	0.88926
154.173228	0	0.88932
157.672791	0	0.88938
161.172353	0	0.88943
164.168421	0	0.88948
165.045614	0	0.88953
165.922807	0	0.88958
166.8	0	0.88963
167.677193	0	0.88968
168.546949	0	0.88973
169.412376	0	0.88978
170.277802	0	0.88983
171.143228	0	0.88988
172.041242	0	0.88993
176.1654	0	0.88998
180.289559	0	0.89004
184.413718	0	0.89009
188.537877	0	0.89014
190.822193	0	0.89019
190.380984	0	0.89024
189.939775	0	0.8903
189.498566	0	0.89036
189.057357	0	0.89041
194.541401	0	0.89047
200.910828	0	0.89053
207.280255	0	0.89062
213.649682	0	0.89073
219.916107	0	0.89086
191.951658	0	0.89098
163.98721	0	0.89108
136.022762	0	0.89116
108.058313	0	0.89124
94.086393	0	0.89132
102.00022	0	0.89141
109.914047	0	0.89149
117.827874	0	0.89156
125.741701	0	0.89164
133.496358	0	0.89172
141.220923	0	0.89179
148.945487	0	0.89186
156.670051	0	0.89193
163.741197	0	0.892
169.357961	0	0.89207
174.974725	0	0.89214
180.591488	0	0.89221
186.208252	0	0.89228
187.698606	0	0.89235
187.25603	0	0.89242
186.813454	0	0.89249
186.370879	0	0.89256
185.89917	0	0.89263
185.276763	0	0.8927
184.654357	0	0.89277

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13:55:47.506		57.6	1175
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13:55:49.506	195.2	27.3	1120
13:55:50.506	195.1	22.2	948
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13:55:53.506	194.9	48	1376
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13:55:55.506	194.8	48.1	1456
13:55:56.506	194.7	52.9	1563
13:55:57.506	194.7	53.4	1661
13:55:58.506	194.6	57.6	1319
13:55:59.506	194.5	47	1219
13:56:00.506	194.5	21.9	1054
13:56:01.506	194.4	15.7	921
13:56:02.506	194.3	15.8	898
13:56:03.506	194.3	35.1	1126
13:56:04.506	194.2	30.6	1018
13:56:05.506	194.1	17	903
13:56:06.506	194.1	15.3	859
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13:56:08.506		37	1105
13:56:09.506		25.7	962
13:56:10.506		16.5	884
13:56:11.506		14.9	851
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13:56:13.506		14.2	812
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13:56:18.506	192.6	17.1	793
13:56:19.506	192.5	19.2	787
13:56:20.506	192.3	19.5	799
13:56:21.506	192.2	12.1	835
13:56:22.506	192.1	13	790
13:56:23.506	191.9	16.9	785
13:56:24.506	191.8	18.7	789
13:56:25.506	191.7	19.2	794
13:56:26.506	191.5	20.9	794
13:56:27.506	191.4	24.1	791
13:56:28.506	191.3	29.2	765
13:56:29.506	191.2	30.6	700
13:56:30.506	191	32.4	678
13:56:31.506	190.9	35	689
13:56:32.506	190.8	35.5	681
13:56:33.506	190.6	35.5	681
13:56:34.506	190.5	34.9	680
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13:56:36.506		35.9	678
13:56:37.506		35.4	681
13:56:38.506		34.9	680
13:56:39.506		34.5	679
13:56:40.506		34.5	679
13:56:41.506		34.4	681
13:56:42.506		34.2	680

10.34337	218.232812	247.6	0	0.000083	0.00007	0.00004	19	3.8
10.35385	218.395446	236.76	0	0.000083	0.00007	0.00005	19	3.8
10.28297	222.069183	247.515655	0	0.000086	0.00007	0.00005	19	3.8
12.32714	225.844063	247	0	0.000103	0.00008	0.00006	19	3.8
16.66132	229.618943	247	0.2	0.000133	0.00011	0.00008	19	3.8
17.85593	233.393823	246.308842	0.8	0.000155	0.00012	0.00009	19	3.8
20.28695	235.308323	244.400329	2.3	0.000181	0.00012	0.00009	19	3.8
19.45968	235.987728	246.519286	5.2	0.000208	0.00013	0.00009	19	3.8
21.91746	236.667134	246.4	6.8	0.000233	0.00014	0.0001	19	3.8
19.01737	237.346539	246.4	7.8	0.000202	0.00012	0.00009	19	3.9
14.95414	238.025945	243.829604	8.9	0.000143	0.00009	0.00007	19	4.1
13.38516	239.049815	245.1	9.2	0.00013	0.0001	0.00007	19	4.2
23.2425	240.115826	245.181667	10	0.000161	0.00015	0.0001	19	4.3
18.49184	241.181837	245.274935	9.9	0.00015	0.00014	0.00009	19	4.3
17.3626	242.247847	244.5	10.3	0.000166	0.00013	0.00008	19	4.3
18.05088	243.327527	244.018876	11.6	0.000198	0.00014	0.00009	19	4.2
21.9309	245.444968	243.846763	11.8	0.00023	0.00016	0.00011	19	4.1
23.64561	247.56241	243.3	12.6	0.000241	0.00016	0.00013	19	4.1
20.25094	249.679852	243.3	13.6	0.000208	0.00014	0.00012	19	4.1
14.53175	251.797293	242.584301	14.3	0.00018	0.00012	0.0001	19	4.2
11.56438	250.072632	245.470344	14.5	0.000132	0.00009	0.00008	19	4.3
7.73256	243.296316	241.9	15.3	0.000111	0.00008	0.00006	19	4.3
12.12522	236.52	241.321818	16	0.000128	0.00009	0.00007	19	4.3
13.21727	229.743684	241.3	16.2	0.000124	0.0001	0.00007	19	4.4
10.21342	222.967368	235.479424	16.1	0.000084	0.00008	0.00006	19	4.4
7.75919	218.987054	241.255269	16.1	0.000061	0.00007	0.00005	19	4.4
11.76981	215.417161	240	16.2	0.000073	0.00009	0.00006	19	4.3
12.33254	211.847269	240	16	0.000074	0.0001	0.00007	19	4.3
13.53941	208.277376	240	15.3	0.000068	0.0001	0.00007	19	4.3
8.36812	204.77103	223.945277	15.1	0.000039	0.00006	0.00004	19	4.3
9.39766	201.487384	238.8	15.2	0.000047	0.00007	0.00005	19	4.2
11.97786	198.203737	238.8	15.4	0.000057	0.00008	0.00006	19	4.1
11.94	194.920091	238.1	15.4	0.000056	0.00008	0.00005	19	4.1
11.95332	191.636444	233.008743	15.5	0.000053	0.00008	0.00005	19	4.1
11.82701	189.053123	226.783829	15.5	0.000048	0.00008	0.00005	19	4.1
11.75698	186.950464	237.083529	15.4	0.000043	0.00008	0.00005	19	4.1
12.01199	184.847805	237.449231	15.2	0.000039	0.00008	0.00005	19	4.1
12.01249	182.745145	236.738118	14.9	0.000037	0.00008	0.00005	19	4
11.98025	180.642486	224.046524	14.8	0.000035	0.00008	0.00005	19	4
11.47943	179.182692	235.5	14.6	0.000033	0.00008	0.00004	19	4
11.78121	177.946429	235.378421	14.1	0.000034	0.00008	0.00004	19	4
12.05852	176.710165	234.9	13.5	0.000034	0.00008	0.00004	19	4
11.72195	175.473901	235.460516	12.9	0.000036	0.00008	0.00004	19	4
11.83	174.7	213.193645	10.9	0.000037	0.00008	0.00004	19	4
11.78332	174.7	234.613548	9.8	0.000036	0.00008	0.00004	19	4
11.80556	174.7	234.3	9.2	0.000035	0.00008	0.00004	19	4
11.72161	174.7	233.6	9.1	0.000035	0.00008	0.00004	19	4
11.74	174.7	228.776693	8.8	0.000036	0.00008	0.00004	19	4.1
11.36115	176.320538	224.195407	8.3	0.000037	0.00008	0.00005	19	4.1
10.74565	178.876592	233	7.3	0.000037	0.00007	0.00004	19	4.1
10.67572	181.432646	232.56	6.7	0.00004	0.00007	0.00004	19	4
10.77	183.9887	232.601077	5.9	0.000044	0.00007	0.00004	19	4
10.42642	186.458532	209.745364	5	0.000048	0.00007	0.00004	19	4
10.3899	188.51906	232.134861	4.1	0.000054	0.00007	0.00004	19	4
10.44009	190.579588	231.7	3.6	0.00006	0.00007	0.00004	19	4
10.37353	192.640116	231.7	2.1	0.000065	0.00007	0.00004	19	4
10.31468	194.700644	229.425806	1.4	0.000069	0.00007	0.00004	19	4
10.36986	196.28907	221.547938	1.3	0.000072	0.00007	0.00005	19	4
10.338	197.432896	231.1	0.8	0.000076	0.00007	0.00004	19	4
10.36118	198.576721	230.521288	0.5	0.000078	0.00007	0.00004	19	4
10.39213	199.720546	230.5	0.3	0.000079	0.00007	0.00004	19	4
10.36	200.864372	223.262136	0.3	0.00008	0.00007	0.00005	19	4
10.47559	201.646735	227.433028	0.2	0.00008	0.00007	0.00004	19	4.1

184.03195	0	0.89284
183.409544	0	0.89291
183	0	0.89298
183	0	0.89306
183	0	0.89317
183	0	0.89329
183	0	0.89341
174.345259	0	0.89354
164.431466	0	0.89368
154.517672	0	0.8938
144.603879	0	0.89389
135.019429	0	0.89399
126.519126	0	0.89414
118.018822	0	0.89428
109.518519	0	0.89441
101.018215	0	0.89455
95.973117	0	0.89471
99.30571	0	0.89487
102.638303	0	0.89501
105.970895	0	0.89513
109.303488	0	0.89522
107.044615	0	0.8953
103.308352	0	0.89539
99.572088	0	0.89549
95.835824	0	0.89557
93.362952	0	0.89564
94.868976	0	0.89573
96.375	0	0.89583
97.881024	0	0.89593
99.387048	0	0.89599
98.998945	0	0.89606
97.310825	0	0.89614
95.622705	0	0.89622
93.934585	0	0.8963
92.246465	0	0.89638
92.367075	0	0.89646
92.796905	0	0.89654
93.226735	0	0.89662
93.656566	0	0.8967
94.661765	0	0.89678
97.954126	0	0.89686
101.246488	0	0.89694
104.53885	0	0.89702
107.831212	0	0.8971
112.613445	0	0.89718
118.215686	0	0.89726
123.817927	0	0.89734
129.420168	0	0.89742
135.048107	0	0.8975
147.074833	0	0.89757
159.101559	0	0.89764
171.128285	0	0.89771
183.155011	0	0.89778
189.108507	0	0.89785
189.319612	0	0.89792
189.530716	0	0.89799
189.74182	0	0.89806
189.952924	0	0.89813
188.679694	0	0.8982
186.980459	0	0.89827
185.281223	0	0.89834
183.581988	0	0.89841
181.969327	0	0.89848

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13:56:53.506	190.4	35.3	679
13:56:54.506	190.4	34.9	680
13:56:55.506	190.4	34.6	680
13:56:56.506	190.4	34.5	680
13:56:57.506	190.4	35	679
13:56:58.506	190.4	34.8	680
13:56:59.506	190.4	34.9	679
13:57:00.506	190.4	35.3	680
13:57:01.506	190.4	35.7	679
13:57:02.506	190.4	33.9	682
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13:57:06.506		73.3	1822
13:57:07.506		58.2	1478
13:57:08.506		27.1	1309
13:57:09.506		0.4	1034
13:57:10.506	190.9	9.2	974
13:57:11.506	191	23.8	1021
13:57:12.506	191	40.7	1149
13:57:13.506	191.1	42.6	1201
13:57:14.506	191.2	36	1191
13:57:15.506	191.2	14.9	982
13:57:16.506	191.3	12.5	920
13:57:17.506	191.4	11.8	923
13:57:18.506	191.4	11.9	909
13:57:19.506	191.5	16.2	843
13:57:20.506	191.6	12.7	813
13:57:21.506	191.6	17.8	786
13:57:22.506	191.7	23	784
13:57:23.506	191.8	28.6	765
13:57:24.506	191.8	32.4	708
13:57:25.506	191.9	34.4	692
13:57:26.506	192	35.3	685
13:57:27.506	192	35.3	681
13:57:28.506	192.1	35.3	680
13:57:29.506	192.2	34.9	680
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13:57:31.506		35.5	678
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13:57:35.506		34.5	679
13:57:36.506		34.9	679
13:57:37.506		35.1	680
13:57:38.506	193.3	34.7	679
13:57:39.506	193.4	35.3	679
13:57:40.506	193.5	35	678
13:57:41.506	193.7	35.2	679
13:57:42.506	193.8	35	679
13:57:43.506	193.9	34.9	679
13:57:44.506	194.1	34.9	679
13:57:45.506	194.2	34.9	680

10.45101	202.335318	229.8	0	0.00008	0.00007	0.00004	19	4.1
10.52144	203.0239	229.8	0	0.000081	0.00007	0.00005	19	4.1
10.49	203.712483	229.8	0	0.000081	0.00007	0.00005	19	4.1
10.38	204.28832	219.140891	0	0.000081	0.00007	0.00005	19	4.1
10.39473	204.590786	229.1	0	0.000081	0.00007	0.00005	19	4.1
10.47045	204.893253	229.1	0	0.000081	0.00007	0.00005	19	4.1
10.41657	205.195719	228.93083	0	0.000081	0.00007	0.00004	19	4.1
10.38633	205.498185	220.293881	0	0.000082	0.00007	0.00004	19	4.1
10.4031	205.805175	228.5	0	0.000082	0.00007	0.00005	19	4.1
10.34911	206.112193	228.5	0	0.000082	0.00007	0.00005	19	4.2
10.37	206.419211	228.055382	0	0.000082	0.00007	0.00005	19	4.2
10.43662	206.726228	228.43691	0	0.000082	0.00007	0.00005	19	4.2
10.36504	206.958927	222.025	0	0.000082	0.00007	0.00005	19	4.2
10.48557	207.094705	228.06383	0	0.000082	0.00007	0.00005	19	4.2
10.55	207.230482	227.814925	0	0.000082	0.00007	0.00005	19	4.2
10.46572	207.366259	227.3	0	0.000082	0.00007	0.00005	19	4.2
10.45514	207.5	219.913037	0	0.000082	0.00007	0.00005	19	4.2
10.40267	207.5	227.3	0	0.000082	0.00007	0.00005	19	4.2
10.36676	207.5	227.3	0	0.000082	0.00007	0.00004	19	4.2
10.39858	207.5	227.3	0	0.000081	0.00007	0.00005	19	4.2
11.10445	207.5	227.3	0.3	0.00009	0.00008	0.00004	19	4.2
18.23388	210.186278	218.404104	1.8	0.000141	0.00012	0.00007	19	4.2
22.20263	220.679552	226.6	3.4	0.000215	0.00017	0.0001	19	4.2
34.65822	231.172825	227.19056	3.8	0.000308	0.00021	0.00012	19	4.1
27.44667	241.666099	227.3	5.1	0.000339	0.0002	0.00013	19	4.3
16.11748	252.159372	233.074653	8.5	0.000217	0.00014	0.00008	19	4.9
8.26079	247.567485	228.859737	9.1	0.000135	0.00009	0.00006	19	5.2
7.218	239.109551	226.6	11.3	0.00011	0.00009	0.00004	19	5.5
13.20824	230.651618	226.339706	12.2	0.000139	0.00013	0.00006	19	5.6
13.73676	222.193684	226.438763	11.3	0.00011	0.00013	0.00006	19	5.6
15.40551	214.998458	222.366279	10.7	0.000091	0.00014	0.00007	19	5.7
12.56717	210.549119	226	10.6	0.000068	0.00011	0.00008	19	5.5
8.15231	206.09978	226	10.8	0.000053	0.00008	0.00006	19	5.1
14.42303	201.650441	226.523181	10.9	0.000079	0.0001	0.00006	19	4.8
13.22078	197.201101	218.873035	10.9	0.000083	0.0001	0.00006	19	4.6
13.08	193.943041	223.157237	10.8	0.000072	0.00009	0.00006	19	4.5
6.89446	191.030835	226	10.3	0.000053	0.00007	0.00005	19	4.4
13.48911	188.11863	225.4	10.1	0.000059	0.0001	0.00005	19	4.4
11.78058	185.206424	225.697136	10	0.000049	0.00009	0.00005	19	4.3
10.93553	182.793079	205.882726	9.7	0.000041	0.00008	0.00004	19	4.2
11.18842	184.631921	225.258493	8.7	0.000038	0.00008	0.00004	19	4.1
11.07905	186.470764	224.7	7.6	0.000038	0.00008	0.00004	19	4.1
10.9656	188.309607	224.7	6.9	0.000039	0.00007	0.00004	19	4.1
10.58805	190.14845	224.7	6.6	0.000043	0.00007	0.00004	19	4.1
10.31525	191.982968	210.378209	5.5	0.000049	0.00007	0.00004	19.5	4.1
10.4344	193.805489	224	4	0.000055	0.00007	0.00003	19.5	4.1
10.5184	195.62801	224	2.1	0.000062	0.00007	0.00003	19	4
10.21612	197.450532	224	1.3	0.000067	0.00007	0.00004	19	3.9
10.41284	199.273053	220.274555	0.7	0.000071	0.00007	0.00004	19	4
10.48601	200.415658	220.839344	0.2	0.000076	0.00007	0.00004	19	4
10.54534	201.201721	224	0	0.000078	0.00007	0.00004	19	4
10.37439	201.987784	223.4	0	0.00008	0.00007	0.00004	19	4
10.55206	202.773847	223.4	0	0.000081	0.00007	0.00004	19.6	3.9
10.53403	203.559911	216.366847	0	0.000082	0.00007	0.00004	19.4	3.9
10.4155	203.875379	223.349873	0	0.000082	0.00007	0.00004	19	3.9
10.53128	204.165558	222.8	0	0.000082	0.00007	0.00004	19	3.9
10.40601	204.455737	222.8	0	0.000082	0.00007	0.00004	19	3.9
10.55413	204.745915	222.15261	0	0.000082	0.00007	0.00004	19	3.9
10.43532	205.031288	217.306967	0	0.000082	0.00007	0.00004	19	3.9
10.49	205.311219	222.1	0	0.000082	0.00007	0.00004	19	3.9
10.44414	205.59115	222.1	0	0.000081	0.00007	0.00004	19	3.9
10.3317	205.871081	221.5	0	0.000082	0.00007	0.00004	19	4
10.39393	206.151012	217.905714	0	0.000082	0.00007	0.00004	19	4

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179.269767	0	0.8989
178.804651	0	0.89897
178.339535	0	0.89904
177.939394	0	0.89911
177.714927	0	0.89918
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177.265993	0	0.89932
177.041526	0	0.89939
177	0	0.89946
177	0	0.89953
177	0	0.8996
177	0	0.89967
176.873662	0	0.89974
176.445396	0	0.89981
176.017131	0	0.89988
175.588865	0	0.89996
175.1606	0	0.90008
166.07339	0	0.90025
151.790815	0	0.90046
137.50824	0	0.90066
123.225665	0	0.9008
109.687556	0	0.90089
105.465333	0	0.90098
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97.020889	0	0.90124
92.798667	0	0.90138
89.856827	0	0.90149
87.865236	0	0.90157
85.873645	0	0.90167
83.882054	0	0.90177
82.082318	0	0.90186
83.579004	0	0.90193
85.07569	0	0.90203
86.572375	0	0.90212
88.069061	0	0.9022
96.238636	0	0.90228
115.388468	0	0.90236
134.5383	0	0.90243
153.688131	0	0.9025
172.837963	0	0.90257
180.272115	0	0.90264
180.706803	0	0.90271
181.141491	0	0.90278
181.576179	0	0.90285
181.98444	0	0.90292
181.362033	0	0.90299
180.739627	0	0.90306
180.11722	0	0.90313
179.494813	0	0.9032
178.953186	0	0.90327
178.724823	0	0.90334
178.49646	0	0.90341
178.268098	0	0.90348
178.039735	0	0.90355
177.821675	0	0.90362
177.605786	0	0.90369
177.389896	0	0.90376
177.174007	0	0.90383

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13:58:10.506	196.6	35.3	679
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13:58:12.506	196.7	53.8	968
13:58:13.506	196.8	42.2	1374
13:58:14.506	196.9	21.9	1230
13:58:15.506	196.9	19.6	771
13:58:16.506	197	19.4	681
13:58:17.506	197.1	55.3	979
13:58:18.506	197.1	69.5	1481
13:58:19.506	197.2	74.7	1614
13:58:20.506	197.2	46.9	1628
13:58:21.506	197.3	9.8	1383
13:58:22.506	197.4	20.1	878
13:58:23.506	197.4	18.5	813
13:58:24.506	197.5	18.6	798
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13:58:27.506		15.9	804
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13:58:32.506		11.9	833
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13:58:38.506	196.8	37	697
13:58:39.506	196.7	36.1	685
13:58:40.506	196.7	35.8	680
13:58:41.506	196.6	35.1	680
13:58:42.506	196.5	35.7	678
13:58:43.506	196.5	35.3	679
13:58:44.506	196.4	35.1	679
13:58:45.506	196.3	35	681
13:58:46.506	196.3	34.9	680
13:58:47.506	196.2	35.3	678
13:58:48.506	196.2	35.1	679

10.51864	206.325571	221.454328	0	0.000082	0.00007	0.00004	19	4
10.46211	206.477778	221.381669	0	0.000081	0.00007	0.00003	19	4
10.44124	206.629985	220.9	0	0.000082	0.00007	0.00004	19	4
10.4326	206.782192	220.9	0	0.000082	0.00007	0.00004	19	4
10.5023	206.929161	214.521525	0	0.000082	0.00007	0.00003	19	4
10.39605	207.058194	220.2	0	0.000082	0.00007	0.00004	19.6	4
10.41823	207.187226	220.2	0	0.000082	0.00007	0.00003	20	4
10.33514	207.316258	220.2	0	0.000082	0.00007	0.00004	19.4	4
10.46951	207.44529	218.396639	0	0.000082	0.00007	0.00003	19	4.1
10.48286	207.575956	217.192258	0	0.000082	0.00007	0.00004	19	4
10.4792	207.707824	219.136741	0	0.000083	0.00007	0.00004	19	4
10.4766	207.839692	219	0	0.000083	0.00007	0.00004	19	4.1
10.371	207.97156	218.71871	0	0.000083	0.00007	0.00004	19	4.1
10.47548	208.1	214.510597	0	0.000083	0.00007	0.00004	19	4.1
10.53795	208.1	218.4	0	0.000083	0.00007	0.00004	19.6	4.1
10.42798	208.1	218.288696	0	0.000083	0.00007	0.00004	20	4.1
10.36666	208.1	218.084776	0	0.000082	0.00007	0.00004	20	4.1
10.24343	208.1	217.766882	0	0.000082	0.00007	0.00004	19.4	4.1
10.31863	208.1	213.657526	0	0.000082	0.00007	0.00004	19.6	4.2
10.39165	208.1	216.64947	0	0.000082	0.00007	0.00004	20	4.3
10.43646	208.1	216.895785	0	0.000083	0.00007	0.00004	20	4.3
10.36285	208.1	216.4	0	0.000083	0.00007	0.00004	20	4.3
10.37516	208.1	215.62223	0	0.000083	0.00007	0.00004	19.4	4.3
10.39291	209.727577	214.309853	0	0.000083	0.00007	0.00004	19.6	4.3
10.50076	212.623622	215.7	0	0.000083	0.00008	0.00004	20	4.3
11.1017	215.519667	215.1	0.2	0.000088	0.00008	0.00003	20	4.3
16.2572	218.415712	215.358657	1.3	0.000138	0.00012	0.00006	20	4.3
20.01239	221.311757	217.51159	2.8	0.000169	0.00015	0.00006	20	4.3
13.91213	221.750257	215.054921	3	0.000126	0.0001	0.00005	20	4.4
12.00176	222.017912	214.5	4.5	0.000126	0.0001	0.00004	20	4.7
9.21359	222.285567	214.5	7.2	0.000125	0.00011	0.00005	20	5.3
15.0476	222.553222	214.5	7.3	0.000159	0.00017	0.00008	20	5.6
29.06057	223.169483	217.93446	7.4	0.000252	0.00027	0.00011	20	5.6
31.43117	227.90644	213.9	7.4	0.000327	0.00028	0.00011	20	5.6
29.99268	232.643397	213.9	8.5	0.000426	0.0003	0.0001	20	5.6
22.22473	237.380354	213.9	11.3	0.000323	0.00024	0.00008	20	6.2
15.07618	242.117311	213.9	12.2	0.000165	0.00015	0.00005	20	6.6
11.53847	241.211879	222.212451	14.3	0.000124	0.00013	0.00005	20	6.3
11.16287	234.595942	213.2	13.9	0.000094	0.00013	0.00004	20	6.4
11.48353	227.980004	213.844544	13.8	0.000072	0.00012	0.00004	20	6.3
11.53555	221.364067	213.079567	13.6	0.000059	0.00012	0.00004	20	6
11.75066	214.748129	212.876099	13.2	0.000054	0.00011	0.00004	20	5.5
13.06714	209.128772	212.679714	13.1	0.000056	0.00011	0.00004	20	5.1
14.23485	203.813852	212.6	12.9	0.00006	0.00011	0.00004	20	4.6
13.76282	198.498933	212.471538	12.4	0.000054	0.0001	0.00003	20	4.5
13.3447	193.184013	212	11.2	0.000047	0.0001	0.00003	20	4.4
13.48521	187.869094	202.803329	10.4	0.000039	0.0001	0.00003	20	4.3
13.05202	186.443944	212	10	0.000035	0.0001	0.00004	20	4.3
13.31802	185.070027	212	9.6	0.000034	0.0001	0.00003	20	4.3
13.23365	183.696111	212	9.3	0.000033	0.00009	0.00003	20	4.3
11.22167	182.322194	211.360174	9	0.00003	0.00008	0.00003	20	4.2
10.67179	182.026486	198.411177	8.3	0.000029	0.00007	0.00003	20	4.1
10.80047	184.864324	211.562939	6.9	0.00003	0.00007	0.00003	20	4.1
10.43339	187.702162	211.429575	5.4	0.000032	0.00007	0.00003	20	4.1
10.24583	190.54	211.2	4.3	0.000039	0.00007	0.00003	20	4
10.29743	193.377838	207.259444	3.5	0.000048	0.00007	0.00003	20	3.9
10.24911	195.171964	209.244747	1.4	0.000056	0.00006	0.00003	20	3.8
10.47725	196.730743	211.147579	1.2	0.000064	0.00006	0.00003	20	3.8
10.47284	198.289522	210.6	0.4	0.00007	0.00006	0.00003	20	3.7
10.47108	199.8483	210.2664	0	0.000074	0.00006	0.00003	20	3.6
10.37816	201.204035	205.995519	0	0.000076	0.00006	0.00003	20	3.6
10.36633	201.732129	210.164043	0	0.000078	0.00006	0.00003	20	3.6
10.38	202.260224	210.6	0	0.00008	0.00006	0.00003	20	3.5

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176.522732	0	0.90404
176.305199	0	0.90411
176.087666	0	0.90418
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173.446733	0	0.90544
173.026476	0	0.90551
179.659703	0	0.90559
186.767176	0	0.90567
193.87465	0	0.90579
200.982124	0	0.90594
205.878963	0	0.90604
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205.055578	0	0.90625
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204.232194	0	0.90669
191.425764	0	0.90697
162.585772	0	0.90727
133.745781	0	0.90751
104.905789	0	0.90766
76.065798	0	0.90779
77.483146	0	0.90792
88.719101	0	0.90804
99.955056	0	0.90816
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112.910377	0	0.90849
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13:59:05.506	195.8	35.3	681
13:59:06.506	195.8	34.6	679
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13:59:10.506	195.8	35.3	681
13:59:11.506	195.8	35	680
13:59:12.506	195.8	35.3	678
13:59:13.506	195.8	35.7	681
13:59:14.506	195.8	35.1	680
13:59:15.506	195.8	35.2	680
13:59:16.506	195.8	35.3	680
13:59:17.506	195.8	34.9	679
13:59:18.506	195.8	34.9	678
13:59:19.506	195.8	35.2	680
13:59:20.506	195.8	35.3	678
13:59:21.506	195.8	34.4	680
13:59:22.506		34.5	679
13:59:23.506		36.4	680
13:59:24.506		44.7	802
13:59:25.506		66.3	1117
13:59:26.506		66.3	1380
13:59:27.506		61.8	1651
13:59:28.506		48.4	1289
13:59:29.506	195.3	42.3	1122
13:59:30.506	195.2	43.5	1155
13:59:31.506	195.2	51.8	1249
13:59:32.506	195.1	48.1	1322
13:59:33.506	195	31.1	1291
13:59:34.506	195	34.1	1329
13:59:35.506	194.9	36.4	1368
13:59:36.506	194.8	52.4	1507
13:59:37.506	194.8	44	1578
13:59:38.506	194.7	37.8	1420
13:59:39.506	194.7	32.3	1158
13:59:40.506	194.6	21.2	1045
13:59:41.506	194.5	17.3	910
13:59:42.506	194.5	17.3	818
13:59:43.506	194.4	18.2	817
13:59:44.506	194.3	19.8	780
13:59:45.506	194.3	31.6	737
13:59:46.506	194.2	35.9	710
13:59:47.506	194.1	35.7	683
13:59:48.506	194.1	35.9	678
13:59:49.506		36	680
13:59:50.506		35.3	682
13:59:51.506		35.3	679

10.38	202.788319	210.6	0	0.00008	0.00006	0.00004	20	3.5
10.31658	203.316413	210.4759	0	0.000081	0.00006	0.00004	20	3.5
10.21562	203.795968	208.573451	0	0.000081	0.00006	0.00004	20	3.5
10.38366	204.219225	210.404726	0	0.000081	0.00006	0.00003	20	3.5
10.56416	204.642482	210.577018	0	0.000081	0.00006	0.00004	20	3.5
10.42194	205.065738	210.209894	0	0.000081	0.00006	0.00004	20	3.5
10.44	205.488995	208.576545	0	0.000081	0.00006	0.00003	20	3.5
10.33757	205.644541	210	0	0.000081	0.00006	0.00004	20	3.5
10.42771	205.79294	210	0	0.000082	0.00006	0.00004	20	3.5
10.52724	205.94134	210	0	0.000083	0.00006	0.00004	20	3.5
10.40651	206.089739	210	0	0.000082	0.00006	0.00003	20	3.5
10.54473	206.240318	208.031988	0	0.000082	0.00006	0.00003	20	3.5
10.50979	206.397199	209.4	0	0.000082	0.00006	0.00003	20	3.5
10.41833	206.554079	209.4	0	0.000081	0.00006	0.00003	20	3.5
10.39995	206.710959	209.4	0	0.000081	0.00006	0.00004	20	3.6
10.40037	206.86784	208.851923	0	0.000081	0.00006	0.00003	20	3.6
10.53686	206.9	208.604753	0	0.000081	0.00006	0.00004	20	3.7
10.49198	206.9	209.344952	0	0.000082	0.00006	0.00003	20	3.7
10.38736	206.9	209.232366	0	0.000082	0.00006	0.00003	20	3.7
10.47121	206.9	209.091539	0	0.000082	0.00006	0.00002	20	3.7
10.25922	206.907323	208.342828	0	0.000082	0.00006	0.00003	20	3.7
10.30841	207.035803	208.7	0	0.000082	0.00007	0.00003	20	3.8
10.33	207.164283	208.7	0	0.000082	0.00007	0.00003	20	3.8
10.41875	207.292762	208.249589	0	0.000082	0.00007	0.00004	20	3.8
10.38575	207.421242	208.616088	0	0.000082	0.00007	0.00003	20	3.8
10.40157	207.5	207.888166	0	0.000083	0.00007	0.00004	20	3.8
10.41308	207.5	208.385625	0	0.000083	0.00007	0.00003	20	3.9
10.43403	207.5	208.7	0	0.000082	0.00007	0.00003	20	3.9
10.38046	207.5	208.141432	0	0.000082	0.00007	0.00003	20	3.9
10.40767	207.5	208.096209	0	0.000082	0.00007	0.00003	20	3.9
10.33142	207.5	207.636245	0	0.000082	0.00007	0.00004	20	3.9
10.54041	207.5	207.938217	0	0.000083	0.00007	0.00003	20	3.9
10.57614	207.5	208.1	0	0.000084	0.00007	0.00004	20	3.9
10.45176	207.5	208.49453	0	0.000083	0.00007	0.00004	20	3.9
10.48341	207.5	207.916553	0.1	0.000083	0.00007	0.00004	20	3.9
16.59219	215.070329	208.1	0.5	0.000108	0.00009	0.00005	20	3.9
20.76936	223.692571	208.1	0.8	0.000156	0.00013	0.00007	20	4
21.50208	232.314813	208.1	1.2	0.000199	0.00015	0.0001	20	4
25.78428	240.937055	208.1	1.6	0.000258	0.00017	0.00009	20	4.2
18.02283	245.255	219.454748	3.5	0.000236	0.00016	0.00008	20	4.9
14.66968	244.005	208.475949	5.5	0.000189	0.00015	0.00006	20	5.6
14.06306	242.755	208.19067	6.1	0.000168	0.00015	0.00007	20	5.7
15.56024	241.505	208.552682	8.2	0.000182	0.00018	0.00009	20	5.8
17.8811	240.255	216.148246	10	0.000169	0.00017	0.00009	20	5.8
15.42443	238.993299	212.119164	10.6	0.000162	0.00015	0.00008	20	5.6
15.27971	237.7286	208.7	11.3	0.000163	0.00014	0.00007	20	5.4
17.79258	236.463901	208.7	11.8	0.000181	0.00016	0.00009	20	5.2
22.27784	235.199201	208.7	12.2	0.000203	0.00019	0.0001	20	5.2
21.19501	233.213345	219.405455	12.5	0.000189	0.00018	0.0001	20	5.2
18.10596	229.453293	208.7	13.1	0.00018	0.00017	0.00009	20	5.1
13.99978	225.693241	208.7	14	0.000138	0.00012	0.00006	20	5.1
11.61292	221.933188	208.7	14.6	0.000113	0.00011	0.00006	20	5.1
9.03562	218.173136	209.789375	15.4	0.000097	0.00009	0.00005	20	5.2
11.26957	214.841685	209.55	15.9	0.000098	0.0001	0.00005	20	5.2
11.81809	211.704598	208.654513	15.8	0.00009	0.0001	0.00005	20	5.2
11.46746	208.567512	208.1	14.5	0.000078	0.0001	0.00005	20	5.2
11.58456	205.430425	208.1	12	0.000066	0.0001	0.00004	20	5.2
11.10125	202.437067	205.804907	10.4	0.000056	0.0001	0.00003	20	5.1
10.38709	203.527277	208.1	5.4	0.00005	0.00009	0.00003	20	4.9
10.33526	204.617486	208.1	3.6	0.00005	0.00008	0.00003	20	4.8
10.3946	205.707696	208.1	3	0.000056	0.00008	0.00003	20	4.6
10.57395	206.797905	208.1	1	0.000064	0.00008	0.00003	20	4.5
10.3694	207.69148	207.888789	0	0.00007	0.00008	0.00003	20	4.5

180	0	0.90999
180	0	0.91005
180	0	0.91011
179.817528	0	0.91017
179.59952	0	0.91023
179.381513	0	0.91029
179.163506	0	0.91035
178.945923	0	0.91041
178.729613	0	0.91047
178.513303	0	0.91053
178.296993	0	0.91059
178.080684	0	0.91065
177.86247	0	0.91071
177.643123	0	0.91077
177.423777	0	0.91083
177.204431	0	0.91089
176.970897	0	0.91095
176.542906	0	0.91101
176.114915	0	0.91107
175.686925	0	0.91113
175.258934	0	0.91119
174.833228	0	0.91126
174.41102	0	0.91133
173.988811	0	0.9114
173.566603	0	0.91147
173.144395	0	0.91154
172.862055	0	0.91161
172.652411	0	0.91168
172.442767	0	0.91175
172.233124	0	0.91182
172.02348	0	0.91189
172	0	0.91196
172	0	0.91203
172	0	0.9121
172	0	0.91217
167.96127	0	0.91226
150.848007	0	0.91239
133.734744	0	0.91254
116.621482	0	0.91271
99.508219	0	0.91287
97.845326	0	0.91302
100.166491	0	0.91317
102.487656	0	0.91335
104.80882	0	0.91352
106.850301	0	0.91367
104.1771	0	0.91381
101.503898	0	0.91397
98.830697	0	0.91416
96.157496	0	0.91434
93.890411	0	0.91451
91.933464	0	0.91463
89.976517	0	0.91474
88.019569	0	0.91483
86.062622	0	0.91493
96.374453	0	0.91503
107.091864	0	0.91513
117.809274	0	0.91523
128.526684	0	0.91533
139.410366	0	0.91542
150.547655	0	0.9155
161.684943	0	0.91558
172.822232	0	0.91566
183.95952	0	0.91574

13:59:52.506		34.7	679
13:59:53.506		34.9	680
13:59:54.506		34.9	680
13:59:55.506		34.9	680
13:59:56.506		34.9	676
13:59:57.506	195	35.3	678
13:59:58.506	195.2	35.2	679
13:59:59.506	195.3	34.6	679
14:00:00.506	195.4	34.9	679
14:00:01.506	195.6	35.2	680
14:00:02.506	195.7	34.9	680
14:00:03.506	195.8	34.9	680
14:00:04.506	195.9	34.5	678
14:00:05.506	196.1	37.1	677
14:00:06.506	196.2	35.9	682
14:00:07.506	196.3	36.8	679
14:00:08.506	196.5	37.1	679
14:00:09.506	196.6	38.5	683
14:00:10.506	196.7	39.3	679
14:00:11.506	196.8	40.8	672
14:00:12.506	197	42.8	676
14:00:13.506	197.1	44.5	678
14:00:14.506	197.2	45.7	680
14:00:15.506	197.4	46.7	679
14:00:16.506	197.5	45.7	679
14:00:17.506		46.1	680
14:00:18.506		44.8	679
14:00:19.506		45.3	678
14:00:20.506		44.6	680
14:00:21.506		45.1	680
14:00:22.506		55.4	889
14:00:23.506		80.6	1378
14:00:24.506		94.2	1732
14:00:25.506	191.8	61.2	1500
14:00:26.506	191.1	13.4	1220
14:00:27.506	190.3	5.7	1045
14:00:28.506	189.6	2.7	1014
14:00:29.506	188.9	0.4	1039
14:00:30.506	188.2	0	1101
14:00:31.506	187.5	0	1150
14:00:32.506	186.8	5.9	1021
14:00:33.506	186.1	19.9	853
14:00:34.506	185.3	24.6	814
14:00:35.506	184.6	16.5	886
14:00:36.506	183.9	12.6	928
14:00:37.506	183.2	12	929
14:00:38.506	182.5	12.5	930
14:00:39.506	181.8	15.8	909
14:00:40.506	181	20.3	866
14:00:41.506	180.3	28.2	775
14:00:42.506	179.6	46	737
14:00:43.506	178.9	45	703
14:00:44.506	178.2	60.5	910
14:00:45.506		94.8	1487
14:00:46.506		96.8	1780
14:00:47.506		87.1	1963
14:00:48.506		94.3	1935
14:00:49.506		90.7	1589
14:00:50.506		64.9	1733
14:00:51.506		28.2	1829
14:00:52.506	175.8	46.1	1578
14:00:53.506	175.5	32.2	1382
14:00:54.506	175.3	42.4	1352

10.3552	208.229346	207.763415	0	0.000074	0.00008	0.00003	20	4.4
10.47345	208.767212	208.01179	0	0.000077	0.00008	0.00003	20	4.4
10.54142	209.305077	208.1	0	0.000079	0.00008	0.00004	20	4.4
10.49778	209.842943	208.353851	0	0.00008	0.00008	0.00003	20	4.4
10.48551	210.091948	207.847039	0	0.000081	0.00008	0.00003	20	4.4
10.51593	210.221818	207.5	0	0.000081	0.00007	0.00003	20	4.3
10.43316	210.351688	207.562727	0	0.000081	0.00007	0.00003	20	4.3
10.47437	210.481558	207.805402	0	0.000082	0.00008	0.00003	20	4.3
10.3051	210.6	208.879907	0	0.000081	0.00007	0.00003	20	4.3
10.45729	210.6	207.5	0	0.000081	0.00007	0.00003	20	4.3
10.38001	210.6	207.310116	0	0.000082	0.00007	0.00003	20	4.3
10.35195	210.6	207.306427	0	0.000082	0.00007	0.00003	20	4.3
10.30914	210.6	207.018844	0	0.000081	0.00007	0.00003	20	4.3
9.88423	210.55483	208.310159	0	0.000079	0.00007	0.00003	20	4.3
10.14414	210.421586	206.508897	0	0.000078	0.00007	0.00003	20	4.3
9.80681	210.288341	206.847423	0	0.000078	0.00007	0.00003	20	4.2
9.86533	210.155097	206.726333	0	0.000078	0.00007	0.00003	20	4.2
9.55222	210.021852	207.127488	0	0.000076	0.00007	0.00003	20	4.2
9.24212	210.107455	206.275568	0	0.000074	0.00006	0.00003	20	4.2
9.26765	210.23599	206.318816	0	0.000073	0.00006	0.00002	20	4.2
8.98368	210.364524	206.520705	0	0.000073	0.00006	0.00002	20	4.2
8.89438	210.493059	206.2	0	0.000072	0.00006	0.00002	20	4.2
8.65046	210.621181	208.028203	0	0.000072	0.00006	0.00002	20	4.2
8.60683	210.747258	206.2	0	0.000071	0.00006	0.00003	20	4.3
8.74	210.873335	205.855767	0	0.000073	0.00006	0.00002	20	4.2
8.69217	210.999412	205.5	0	0.000074	0.00006	0.00003	20	4.2
8.6235	211.125489	205.5	0	0.000074	0.00006	0.00003	20	4.2
8.55197	213.122423	207.250064	0	0.000076	0.00006	0.00003	20	4.2
8.65454	217.822725	205.226892	0	0.000076	0.00006	0.00003	20	4.2
8.47709	222.523027	204.963436	0	0.000081	0.00006	0.00003	20	4.2
11.4678	227.223329	204.9	0	0.000137	0.0001	0.00006	20	4.2
23.36775	231.923631	211.506165	0.3	0.000246	0.00017	0.0001	20	4.2
31.38375	235.936011	206.760938	1.9	0.000359	0.0002	0.00013	20	4.1
20.99642	239.744068	205.5	4.3	0.000349	0.00016	0.0001	20	4.1
9.97615	243.552124	205.159055	5.2	0.000195	0.0001	0.00006	20	4.8
8.29438	247.36018	205.5	9	0.000165	0.0001	0.00007	20	5.7
14.44205	247.799031	225.362429	12.4	0.000151	0.0001	0.00009	20	6
8.42228	236.829868	204.9	12.9	0.000128	0.0001	0.00009	20	6.2
9.46082	225.860705	204.9	13.3	0.00011	0.0001	0.00009	20	6.4
9.34846	214.891542	204.817598	13.6	0.000088	0.0001	0.0001	20	6.2
9.20344	203.922379	203.55587	13.9	0.000065	0.00009	0.00008	20	6
8.40785	198.336856	203.592143	14.2	0.000049	0.00009	0.00008	20	5.7
8.9282	195.192751	204.2	14.2	0.000038	0.00008	0.00007	20	5.5
8.86867	192.048646	204.176667	14	0.000032	0.00008	0.00006	20	5.2
9.05812	188.904541	203.6	13	0.00003	0.00008	0.00005	20	5
8.93886	185.853404	195.856431	12.2	0.000031	0.00007	0.00004	20	4.9
9.15475	183.570106	204.079429	12.2	0.000034	0.00007	0.00004	20	4.7
8.89888	181.286808	203.6	12.3	0.000033	0.00007	0.00003	20	4.7
8.72206	179.00351	203.6	12.2	0.00003	0.00007	0.00004	20	4.6
8.22479	176.720211	203.6	11.7	0.000028	0.00006	0.00003	20	4.4
9.14438	183.393431	194.676491	10	0.000027	0.00006	0.00003	20	4.3
9.10212	204.804623	203.6	7.9	0.000029	0.00006	0.00003	20	4.1
12.09529	226.215815	203.6	6	0.000063	0.00011	0.00005	20	4
31.4687	247.627007	203.6	5.3	0.00022	0.00019	0.00009	20	3.9
48.30172	269.0382	223.772863	6.5	0.00052	0.00026	0.0001	20	3.9
51.4638	305.111775	204.7977	8.7	0.000853	0.00045	0.00025	20	5
57.34196	343.631932	204.914903	11.9	0.001022	0.0007	0.00038	20	7.1
53.75822	382.152089	206.197004	15.3	0.001047	0.00097	0.00035	20	10
55.11508	420.672247	253.558842	18.3	0.001	0.0013	0.00028	20	14.1
30.38892	411.465403	227.18883	21.5	0.000555	0.00102	0.00011	20	17.9
21.36122	389.495064	208.7	23.8	0.000304	0.00071	0.00007	20	18.6
14.55228	367.524725	208.7	24.3	0.000187	0.00046	0.00005	20	15.3
15.6545	345.554386	208.33617	25.6	0.000147	0.00032	0.00007	20	11.2

186.386109	0	0.91582
185.541693	0	0.9159
184.697277	0	0.91598
183.85286	0	0.91606
183.008444	0	0.91614
182.571614	0	0.91621
182.138901	0	0.91628
181.706188	0	0.91636
181.273475	0	0.91643
180.763547	0	0.9165
180.121011	0	0.91657
179.478475	0	0.91664
178.835939	0	0.91671
178.193403	0	0.91678
174.272	0	0.91685
168.938667	0	0.91692
163.605333	0	0.91699
158.272	0	0.91706
152.291845	0	0.91712
143.708155	0	0.91718
135.124464	0	0.91724
126.540773	0	0.9173
117.957082	0	0.91736
110.679671	0	0.91742
104.519507	0	0.91748
98.359343	0	0.91754
92.199179	0	0.9176
86.039014	0	0.91766
83.261752	0	0.91772
82.158243	0	0.91778
81.054734	0	0.91788
79.951225	0	0.91805
77.880263	0	0.91825
69.766228	0	0.91841
61.652193	0	0.91851
53.538158	0	0.91861
45.424123	0	0.91871
38.627917	0	0.91881
32.793863	0	0.91891
26.95981	0	0.91901
21.125756	0	0.9191
15.291703	0	0.91919
22.676349	0	0.91927
30.756715	0	0.91935
38.837082	0	0.91943
46.917449	0	0.9195
51.917975	0	0.91957
51.696883	0	0.91964
51.47579	0	0.91971
51.254698	0	0.91977
51.033606	0	0.91983
65.755947	0	0.91989
83.156828	0	0.92
100.557709	0	0.92019
117.95859	0	0.92045
135.159981	0	0.9209
151.913167	0	0.9216
168.666352	0	0.92257
185.419538	0	0.92387
199.322539	0	0.92489
175.358808	0	0.9256
151.395078	0	0.92606
127.431347	0	0.92638

14:00:55.506	175	32.4	1345
14:00:56.506	174.8	12.3	1316
14:00:57.506	174.5	0	1284
14:00:58.506	174.2	0	1213
14:00:59.506	174	0	1116
14:01:00.506	173.7	19.8	831
14:01:01.506	173.4	28.3	790
14:01:02.506	173.2	52.4	728
14:01:03.506	172.9	52.8	716
14:01:04.506	172.6	46.3	689
14:01:05.506	172.4	49.3	693
14:01:06.506	172.1	74.9	1223
14:01:07.506	171.8	96.9	1611
14:01:08.506	171.6	90.8	1632
14:01:09.506	171.3	74.7	1524
14:01:10.506	171	73.2	1561
14:01:11.506	170.8	70.4	1657
14:01:12.506		57.1	1457
14:01:13.506		56.6	1151
14:01:14.506		86.1	1543
14:01:15.506		97.1	1916
14:01:16.506		90.6	2160
14:01:17.506		85.3	2226
14:01:18.506		74.8	2071
14:01:19.506		69.8	1642
14:01:20.506	176.1	75	1558
14:01:21.506	176.7	78.4	1554
14:01:22.506	177.4	81.6	1597
14:01:23.506	178	68.4	1589
14:01:24.506	178.7	38.1	1526
14:01:25.506	179.3	10.8	1431
14:01:26.506	180	0.1	1299
14:01:27.506	180.6	13.7	887
14:01:28.506	181.3	27.1	801
14:01:29.506	181.9	24	806
14:01:30.506	182.6	26.7	780
14:01:31.506	183.3	42.3	735
14:01:32.506	183.9	48.9	701
14:01:33.506	184.6	49.3	689
14:01:34.506	185.2	47.5	677
14:01:35.506	185.9	47.8	676
14:01:36.506	186.5	50.3	680
14:01:37.506	187.2	55.1	840
14:01:38.506	187.8	55.3	844
14:01:39.506	188.5	57.3	967
14:01:40.506		53	792
14:01:41.506		45.5	679
14:01:42.506		44.5	672
14:01:43.506		47.1	686
14:01:44.506		48.1	680
14:01:45.506		47	681
14:01:46.506	189.5	45.4	717
14:01:47.506	189.7	57.1	972
14:01:48.506	189.8	72.5	1383
14:01:49.506	189.9	81.7	1519
14:01:50.506	190.1	87	1726
14:01:51.506	190.2	86.3	1643
14:01:52.506	190.3	97.8	1716
14:01:53.506	190.5	98	2036
14:01:54.506	190.6	91.7	2053
14:01:55.506	190.7	76.5	1866
14:01:56.506	190.9	49.7	1633
14:01:57.506	191	48.4	1678

16.03139	324.051953	259.478641	25.4	0.000118	0.00019	0.00007	20	7.5
14.29445	308.862864	208.25	25	0.000099	0.00012	0.00006	20	5.4
9.41794	293.673776	208.7	25	0.000088	0.00009	0.00006	20	4.9
10.23122	278.484687	208.308462	24.8	0.000079	0.00008	0.00006	20	4.8
9.38496	263.295598	208.1	24	0.00007	0.00007	0.00006	20	4.6
7.10391	251.215	227.900576	22.1	0.000059	0.00006	0.00006	20	4.3
8.48057	249.541087	208.1	20.1	0.000049	0.00006	0.00006	20	4.2
8.80543	247.867174	208.1	18.9	0.000042	0.00006	0.00006	20	4.2
9.44797	246.193261	208.131579	14.1	0.000038	0.00007	0.00007	20	4.2
9.09252	244.519348	211.44168	9.4	0.000036	0.00006	0.00006	20	4.1
9.49635	257.977962	213.636082	5.6	0.000051	0.00007	0.00007	20	4.1
22.99796	280.323934	208.7	3.2	0.00016	0.00015	0.00014	20	4
37.61461	302.669905	209.101471	2.4	0.000352	0.00021	0.00018	20	3.8
38.45858	325.015877	209.975676	3.5	0.000511	0.00021	0.00019	20	3.7
22.81765	337.053086	255.459375	6.1	0.000461	0.00017	0.00016	20	3.7
22.46064	334.255734	210.928181	9.3	0.00041	0.00016	0.00016	20	3.7
22.97143	331.458381	211.915607	11.7	0.000401	0.00016	0.00017	20	3.8
21.80176	328.661029	212.116647	12.7	0.000301	0.00012	0.00014	20	3.8
12.37526	325.863677	236.012162	13.4	0.000277	0.00012	0.00016	20	3.8
34.13804	350.518572	222.297423	15.3	0.000461	0.00022	0.0003	20	3.8
63.07613	385.482221	213.996662	15.3	0.001067	0.0004	0.00059	20	3.7
80.84425	420.445869	216.939578	15.2	0.0014	0.00085	0.00068	20	6.4
82.34636	455.409518	220.992637	15.8	0.001442	0.00149	0.00066	20	10.9
64.21905	482.435036	349.554359	17.4	0.001123	0.0015	0.00042	20	13.4
41.36912	475.174588	227.686223	17.8	0.000638	0.00093	0.0002	20	13.6
27.64743	467.914141	229.233816	19.3	0.0005	0.00071	0.00013	20	12.9
25.29079	460.653694	230.490708	20.3	0.000462	0.00056	0.00008	20	11.2
27.14862	453.393246	235.700543	21.5	0.000455	0.00042	0.00009	20	8.9
23.45391	439.00023	286.95	22.2	0.000397	0.00026	0.00009	20	6.6
17.20842	415.889631	233.507143	22.5	0.000324	0.00017	0.0001	20	5.1
15.26136	392.779032	234.3	22.6	0.000246	0.00012	0.00009	20	4.7
9.95923	369.668433	234.638298	22.4	0.000165	0.00009	0.00009	20	4.6
6.47167	348.061163	287.539063	21.6	0.000124	0.00007	0.00009	20	4.6
8.56321	338.61719	234.432558	20.2	0.000098	0.00007	0.00009	20	4.6
8.4348	329.173217	234.639816	18.4	0.00008	0.00006	0.0001	20	4.4
8.04008	319.729244	234.3	16.3	0.000065	0.00006	0.0001	20	4
8.47587	310.285272	234.829787	13.7	0.000056	0.00006	0.00009	20	4
9.29426	303.84939	259.756606	11.7	0.000051	0.00006	0.00008	20	3.9
8.85736	301.963435	235.79018	10.6	0.000047	0.00006	0.00007	20	3.9
8.63489	300.077479	236.1	6.7	0.000049	0.00006	0.00006	20	3.9
8.62031	298.191524	236.213573	3.2	0.000054	0.00005	0.00005	20	3.9
8.60541	296.305569	255.42573	1	0.00007	0.00006	0.00006	20	3.9
10.66419	295.980696	238.606579	0.2	0.000085	0.00007	0.00007	20	3.8
11.06836	295.846798	237.524474	0.4	0.000097	0.00007	0.00008	20	3.8
13.17365	295.712899	238.387424	1.2	0.00012	0.00008	0.0001	20	3.8
7.93943	295.579	238.8	1.9	0.000105	0.00007	0.00009	20	3.8
8.18627	294.484005	258.526073	2.6	0.000096	0.00006	0.00008	20	3.8
8.52376	292.00597	240.335581	3.3	0.000092	0.00006	0.00008	20	3.8
8.63	289.527934	240.044709	3.1	0.000094	0.00005	0.00008	20	3.8
8.64087	287.049899	240.6	2.7	0.000093	0.00005	0.00008	20	3.7
8.548	284.571863	257.165714	2.5	0.000091	0.00005	0.00008	20	3.7
8.52985	293.655203	241.478533	2	0.000097	0.00006	0.00008	20	3.7
11.9617	303.083837	242.321257	0.4	0.00013	0.00008	0.0001	20	3.7
17.84716	312.51247	243.295532	0.2	0.000255	0.00014	0.00017	20	3.7
23.69434	321.941104	245.010577	0.8	0.000317	0.00015	0.00017	20	3.6
28.59105	337.50498	274.732474	1.4	0.000433	0.00017	0.00027	20	3.5
30.83123	363.605469	248.128587	4.2	0.000495	0.00018	0.0004	20	3.5
43.12853	389.705958	251.096042	7.6	0.00068	0.00023	0.00061	20	3.5
57.45829	415.806447	254.722328	9.5	0.000968	0.00031	0.00077	20	3.4
62.20431	441.906936	313.997772	12.5	0.001124	0.00045	0.00107	20	4.4
56.48704	434.010509	262.749349	15.1	0.000886	0.00055	0.00088	20	6.7
23.42321	421.034082	265.759499	18.4	0.000538	0.00046	0.00046	20	8.1
18.03203	408.057656	268.477939	21.4	0.000303	0.00027	0.00021	20	7.5

103.467617	0	0.92657
84.324357	0	0.92669
71.366268	0	0.92678
58.40818	0	0.92686
45.450091	0	0.92693
32.492002	0	0.92699
31.655333	0	0.92705
42.988667	0	0.92711
54.322	0	0.92718
65.655333	0	0.92724
76.988667	0	0.92731
79.992396	0	0.92746
82.987788	0	0.92767
85.98318	0	0.92788
88.978571	0	0.92805
84.07608	0	0.92821
75.086823	0	0.92837
66.097566	0	0.92849
57.10831	0	0.92861
49.719654	0	0.92883
57.063067	0	0.92923
64.406479	0	0.93008
71.749892	0	0.93157
79.093305	0	0.93307
81.662563	0	0.934
78.804792	0	0.93471
75.947021	0	0.93527
73.08925	0	0.93569
70.231479	0	0.93595
62.289247	0	0.93612
53.898874	0	0.93624
45.508501	0	0.93633
37.118128	0	0.9364
35.552966	0	0.93647
44.663136	0	0.93653
53.773305	0	0.93659
62.883475	0	0.93665
71.993644	0	0.93671
75.744114	0	0.93677
76.854731	0	0.93683
77.965349	0	0.93688
79.075966	0	0.93694
79.625835	0	0.93701
77.398664	0	0.93708
75.171492	0	0.93716
72.944321	0	0.93723
70.717149	0	0.93729
68.75023	0	0.93735
66.906912	0	0.9374
65.063594	0	0.93745
63.220276	0	0.9375
63.322609	0	0.93756
67.235652	0	0.93764
71.148696	0	0.93778
75.061739	0	0.93793
78.974783	0	0.9381
77.368984	0	0.93828
73.803922	0	0.93851
70.238859	0	0.93882
66.673797	0	0.93927
64.053775	0	0.93982
64.268875	0	0.94028
64.483975	0	0.94055

14:01:58.506	191.1	32.3	1664
14:01:59.506	191.3	30.1	1645
14:02:00.506	191.4	36.1	1621
14:02:01.506	191.5	52.8	1633
14:02:02.506	191.7	64.7	1665
14:02:03.506	191.8	77.3	1721
14:02:04.506	191.9	87.1	1711
14:02:05.506	192.1	82.1	1480
14:02:06.506		60.5	1557
14:02:07.506		14.9	1593
14:02:08.506		1.1	1604
14:02:09.506		0	1609
14:02:10.506		0	1426
14:02:11.506		0	1394
14:02:12.506		0	1413
14:02:13.506		0	1423
14:02:14.506	192.2	0	1430
14:02:15.506	192.2	0	1442
14:02:16.506	192.2	0	1425
14:02:17.506	192.2	0	1401
14:02:18.506	192.2	0	1362
14:02:19.506	192.2	10.3	1323
14:02:20.506	192.2	52.4	1294
14:02:21.506	192.2	63.9	1280
14:02:22.506	192.2	68	1300
14:02:23.506	192.2	69.2	1303
14:02:24.506	192.2	64.6	1312
14:02:25.506	192.2	60	1317
14:02:26.506	192.2	56.6	1308
14:02:27.506	192.2	55	1295
14:02:28.506	192.2	64.8	1282
14:02:29.506	192.2	70	1287
14:02:30.506	192.2	70	1290
14:02:31.506	192.2	69.2	1294
14:02:32.506	192.2	71	1303
14:02:33.506	192.2	60.4	1302
14:02:34.506		54.8	1287
14:02:35.506		51.9	1280
14:02:36.506		48.2	1261
14:02:37.506		38.8	1239
14:02:38.506		37.2	1208
14:02:39.506		36.7	1178
14:02:40.506		35.3	1169
14:02:41.506	192.7	31.2	1277
14:02:42.506	192.8	32.9	1224
14:02:43.506	192.8	29.1	1165
14:02:44.506	192.9	16.8	1043
14:02:45.506	193	2.7	1082
14:02:46.506	193	1.8	833
14:02:47.506	193.1	24.5	793
14:02:48.506	193.2	25.7	778
14:02:49.506	193.3	28.4	793
14:02:50.506	193.3	60.2	985
14:02:51.506	193.4	99.6	1551
14:02:52.506	193.5	98	1851
14:02:53.506	193.5	87.2	2011
14:02:54.506	193.6	77.6	2047
14:02:55.506	193.7	61.1	1682
14:02:56.506	193.7	83	1602
14:02:57.506	193.8	76.7	1372
14:02:58.506	193.9	98.4	1459
14:02:59.506	193.9	85.6	1580
14:03:00.506	194	77.2	1685

18.92051	395.081229	269.359105	23.2	0.00026	0.00023	0.00015	20	6.5
20.03641	383.223402	315.420962	23.7	0.000221	0.00017	0.00015	20	5
19.59314	373.626431	270.8	23.7	0.000184	0.00014	0.00017	20	3.9
19.90347	364.029459	271.740316	23.7	0.000158	0.00014	0.00019	20	3.9
22.09704	354.432487	273.000217	23.6	0.000176	0.00015	0.00021	20	3.9
29.39966	344.835515	287.891071	23.6	0.000279	0.00018	0.00025	20	3.8
33.94959	346.842169	276.729665	23.8	0.000378	0.00018	0.00027	20	3.6
31.22817	351.059036	277.911168	24.2	0.000442	0.00018	0.00027	20	3.5
23.15883	355.275904	279.587794	24.5	0.000408	0.00015	0.00023	20	3.5
19.38488	359.492771	294.708253	25.7	0.000345	0.00013	0.00018	20	3.5
16.70941	347.863434	293.867273	27.4	0.000268	0.00012	0.00016	20	3.5
16.24313	329.114787	282.416235	29.1	0.00017	0.0001	0.00016	20	3.6
12.48329	310.36614	282.681818	29.2	0.000093	0.00005	0.00013	20	2.3
11.38438	291.617493	283.1	29.6	0.000061	0.00005	0.00013	20	2.3
11.44353	273.553219	279.200069	29.9	0.000043	0.00005	0.00011	20	2.4
11.36629	264.44363	283.287419	30	0.000031	0.00005	0.0001	20	2.5
11.53151	255.334041	284.134783	30.6	0.000024	0.00005	0.00008	20	2.5
11.53234	246.224452	284.5	31.1	0.00002	0.00005	0.00008	20	2.7
11.46189	237.114863	275.265062	31.1	0.000018	0.00005	0.00007	20	2.7
11.27445	234.69065	277.554941	31.1	0.000015	0.00005	0.00007	20	2.8
11.04768	235.25599	285.2	31.1	0.000013	0.00005	0.00006	20	2.8
11.80534	235.821331	285.263436	30.5	0.000013	0.00006	0.00007	20	2.9
17.66358	236.386671	286.170365	29.7	0.000017	0.00008	0.0001	20	2.9
21.17368	238.017464	264.359167	28.9	0.00004	0.00009	0.0001	20	2.9
17.66139	250.163816	288.6	28.2	0.000099	0.00009	0.0001	20	2.9
20.07239	262.310168	289.168142	28.1	0.000163	0.00009	0.00009	20	2.8
19.03892	274.45652	290.430311	28.1	0.000204	0.00009	0.00009	20	2.8
17.53295	286.602872	291.915202	28.3	0.000224	0.00008	0.00011	20	2.8
16.32487	295.343292	292.908816	28.7	0.000227	0.00008	0.00013	20	2.8
16.46153	298.778821	293.000958	28.7	0.000233	0.00008	0.00015	20	2.8
19.28061	302.214351	293.3	28.8	0.000255	0.00009	0.00017	20	2.8
21.19789	305.64988	294.681603	28.6	0.000265	0.0001	0.00021	20	2.9
19.81369	309.08541	298.581015	28.2	0.000265	0.0001	0.00021	20	2.8
20.21598	311.177092	297.203158	28.2	0.000295	0.0001	0.00021	20	2.8
20.97043	312.915844	296.8	28.2	0.000299	0.0001	0.00017	20	2.8
16.51408	314.654597	297.037873	28.2	0.000276	0.00009	0.00013	20	2.8
16.44916	316.393349	297.963208	28.2	0.000258	0.00008	0.00013	20	2.8
15.90945	316.361018	307.914024	28.3	0.000237	0.00008	0.00011	20	2.8
15.13878	308.827081	298.8	28.3	0.000215	0.00008	0.00012	20	2.8
14.26531	301.293145	298.8	28	0.000195	0.00007	0.00013	20	2.9
14.47804	293.759208	298.8	27.6	0.00018	0.00007	0.00014	20	2.9
14.35994	286.225271	295.618605	27.3	0.000163	0.00007	0.00014	20	2.9
13.59725	279.593636	299.5	26.4	0.000146	0.00007	0.00014	20	2.9
14.50525	273.23	299.696779	25.8	0.000137	0.00007	0.00014	20	2.9
14.29714	266.866364	299.657686	25.2	0.000128	0.00007	0.00012	20	2.9
13.59813	260.502727	300.148966	24.9	0.000112	0.00007	0.0001	20	2.9
10.85184	254.128311	284.193283	23.8	0.000091	0.00006	0.00007	20	2.9
9.14277	247.735616	300.2	22.1	0.000074	0.00005	0.00006	20	3
6.79753	241.342922	300.2	19.6	0.000062	0.00004	0.00005	20	3
8.49607	234.950228	299.5	18.2	0.000058	0.00004	0.00004	20	3.1
8.80226	228.557534	273.359594	16.4	0.000055	0.00005	0.00004	20	3.1
8.5078	254.982329	299.5	13.9	0.000048	0.00005	0.00004	20	3.1
14.75403	281.705163	299.5	12.4	0.000088	0.00009	0.00009	20	3.1
35.54531	308.427997	300.022785	8	0.000282	0.00017	0.00013	20	3
60.85663	335.150832	300.840523	6.6	0.000789	0.00029	0.00021	20	3
60.67805	357.424824	321.328182	7.3	0.000971	0.00061	0.00024	20	6.2
49.67747	371.85804	303.2	10	0.000888	0.00088	0.0002	20	9.9
35.63727	386.291257	303.818947	13.2	0.00068	0.00074	0.00008	20	10.2
38.5866	400.724473	303.9	15.8	0.000517	0.00048	0.00002	20	8.8
29.96395	415.157689	329.746562	17.2	0.000543	0.00039	0.00003	20	6.9
44.49382	423.259372	311.414389	18.1	0.000765	0.00038	0.00004	20	5.2
48.22534	429.87588	302.32929	18.6	0.000849	0.00052	0.00016	20	6.7
36.58265	436.492388	301.6	20.6	0.000717	0.00063	0.00016	20	9.3

64.699075	0	0.94078
64.914175	0	0.94095
64.863409	0	0.94109
64.636136	0	0.94123
64.408864	0	0.94138
64.181591	0	0.94156
63.099292	0	0.94174
58.61816	0	0.94192
54.137028	0	0.94207
49.655896	0	0.9422
45.174764	0	0.94232
37.115965	0	0.94242
28.911973	0	0.94247
20.707982	0	0.94252
12.503991	0	0.94257
7.698058	0	0.94262
7.028565	0	0.94267
6.359072	0	0.94272
5.689578	0	0.94277
5.020085	0	0.94282
22.720748	0	0.94287
40.989561	0	0.94293
59.258373	0	0.94301
77.527186	0	0.9431
86.072112	0	0.94319
78.201447	0	0.94328
70.330781	0	0.94337
62.460115	0	0.94345
54.589449	0	0.94353
51.562391	0	0.94361
50.910217	0	0.9437
50.258043	0	0.9438
49.60587	0	0.9439
48.922809	0	0.944
47.835616	0	0.9441
46.748424	0	0.94419
45.661231	0	0.94427
44.574038	0	0.94435
44	0	0.94443
44	0	0.9445
44	0	0.94457
44	0	0.94464
44.550239	0	0.94471
46.942584	0	0.94478
49.334928	0	0.94485
51.727273	0	0.94492
54.119617	0	0.94498
53.695413	0	0.94503
51.631193	0	0.94507
49.566972	0	0.94511
47.502752	0	0.94516
52.022356	0	0.94521
74.163371	0	0.9453
96.304385	0	0.94547
118.4454	0	0.94576
140.586414	0	0.94637
140.786266	0	0.94725
127.538309	0	0.94799
114.290351	0	0.94847
101.042393	0	0.94886
88.718266	0	0.94924
85.622291	0	0.94976
82.526316	0	0.95039

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14:03:02.506		87	1845
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14:03:06.506		73.9	1611
14:03:07.506		59.2	1628
14:03:08.506	195.5	52.6	1613
14:03:09.506	195.7	60.3	1586
14:03:10.506	195.9	76.5	1577
14:03:11.506	196.1	82	1585
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14:03:13.506	196.5	88.1	1668
14:03:14.506	196.7	74.6	1726
14:03:15.506	196.9	73.3	1765
14:03:16.506	197.1	74.4	1785
14:03:17.506	197.3	69.2	1792
14:03:18.506	197.5	68.8	1784
14:03:19.506	197.7	76.2	1770
14:03:20.506	197.9	81.9	1753
14:03:21.506	198.1	89	1740
14:03:22.506	198.3	91.5	1744
14:03:23.506	198.5	89	1772
14:03:24.506	198.7	83.6	1778
14:03:25.506	198.9	78.7	1779
14:03:26.506	199.1	74.8	1769
14:03:27.506	199.3	97.9	1761
14:03:28.506		87.8	1780
14:03:29.506		72.6	1817
14:03:30.506		65.8	1825
14:03:31.506		63.3	1825
14:03:32.506		76.1	1828
14:03:33.506		53.9	1835
14:03:34.506		39.4	1834
14:03:35.506	197.5	20.7	1660
14:03:36.506	197.2	0.9	1510
14:03:37.506	197	30.2	1519
14:03:38.506	196.7	34.5	1534
14:03:39.506	196.4	11.2	1439
14:03:40.506	196.2	0	1290
14:03:41.506	195.9	0	1278
14:03:42.506	195.7	0	1252
14:03:43.506	195.4	0	1205
14:03:44.506	195.1	0	1151
14:03:45.506	194.9	0	1120
14:03:46.506	194.6	0	1234
14:03:47.506	194.3	0	1123
14:03:48.506	194.1	0	1089
14:03:49.506	193.8	0	1066
14:03:50.506	193.6	32.1	775
14:03:51.506	193.3	29.7	793
14:03:52.506	193	41.6	730
14:03:53.506	192.8	53.8	710
14:03:54.506	192.5	50.6	692
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14:03:56.506		48.5	678
14:03:57.506		47.4	679
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14:03:59.506		46.4	679
14:04:00.506		82.1	865
14:04:01.506		96	1409
14:04:02.506		96.6	1707
14:04:03.506		92.2	1800

34.96229	443.108896	300.596667	22.1	0.000625	0.0006	0.00011	20	9.6
35.74154	447.951859	361.465177	22.6	0.000629	0.00049	0.00008	20	7.8
38.32338	448.473712	299.188327	24.4	0.00068	0.0004	0.00006	20	6
40.13704	448.995564	298.8	25.9	0.000675	0.00029	0.00008	20	4.4
36.28903	449.517417	297.5	26.5	0.000632	0.00022	0.00008	20	3.6
34.13284	450.039269	324.1	28	0.000572	0.00021	0.0001	20	3.6
25.56803	446.317298	320.776825	28.4	0.0005	0.00018	0.00009	20	3.6
18.7622	440.706458	296.1	29.6	0.000364	0.00014	0.00005	20	3.6
19.88824	435.095617	295.428251	29.9	0.000388	0.00016	0.00008	20	3.6
30.67033	429.484777	294.7	29.8	0.000419	0.00017	0.0001	20	3.6
35.46735	423.873936	342.292233	29.4	0.000524	0.0002	0.00017	20	3.5
38.40255	431.98134	293.901807	29	0.000752	0.00026	0.00018	20	3.5
49.00032	440.527614	293.3	29.2	0.000886	0.00028	0.0002	20	3.4
39.44789	449.073889	293.71875	29.5	0.000748	0.00034	0.00011	20	4.8
31.99766	457.620163	294	29.8	0.000604	0.00034	0.00006	20	5.6
31.36032	461.080787	361.67609	31	0.000536	0.00026	0.00003	20	4.7
26.86163	453.326898	294	32.3	0.000478	0.00019	0.00002	20	3.8
25.29815	445.57301	294	32.4	0.000424	0.00016	0.00003	20	3.5
26.48183	437.819122	294	32.9	0.000401	0.00016	0.00006	20	3.5
28.66	430.065233	341.180769	33	0.000427	0.00017	0.00011	20	3.5
37.52667	443.965724	294.075237	32.7	0.00053	0.00019	0.00016	20	3.5
53.17332	459.24841	294.981842	32.4	0.000813	0.00027	0.00024	20	3.4
50.74257	474.531095	296.581786	32	0.000927	0.00028	0.00027	20	3.4
50.72216	489.813781	298.034764	32	0.000936	0.00029	0.00024	20	3.4
38.06215	499.197172	367.421795	32.4	0.000751	0.00029	0.00017	20	4
33.77801	500.161183	301.784706	32.7	0.000593	0.00022	0.00007	20	3.6
40.45837	501.125193	302.5	32.7	0.00071	0.00024	0.00006	20	3.5
49.31903	502.089203	304.015716	32.6	0.000891	0.00028	0.00009	20	3.4
34.76941	503.053213	338.381319	32.6	0.000674	0.00022	0.00026	20	3.5
26.80494	491.334887	321.055869	32.9	0.000506	0.00018	0.00028	20	3.5
23.37866	475.252746	308.2	33.5	0.000381	0.00016	0.00015	20	3.5
28.05164	459.170605	308.668759	33.6	0.000374	0.00016	0.00011	20	3.5
22.92276	443.088463	309.685308	33.6	0.000328	0.00014	0.0001	20	3.4
22.46304	425.334676	353.443635	33.7	0.000299	0.00013	0.00012	20	3.5
19.31474	405.175349	311.2	33.9	0.000234	0.00012	0.00011	20	3.5
13.29399	385.016021	311.78226	33.9	0.000158	0.00009	0.00012	20	3.4
16.67598	364.856694	312.068472	33.6	0.000138	0.0001	0.00013	20	3.5
18.626	344.697367	321.273821	33.1	0.000111	0.00011	0.00014	20	3.5
13.14736	331.96848	313.82431	33.1	0.000076	0.00008	0.00009	20	3.5
10.60352	320.148593	313.3	33.5	0.000072	0.00007	0.00005	20	3.5
10.43465	308.328705	313.3	33.8	0.00007	0.00006	0.00003	20	3.4
10.1313	296.508818	313.3	33.8	0.000062	0.00006	0.00002	20	3.3
9.6446	285.167998	300.4961	33.8	0.000051	0.00005	0.00002	20	3.3
8.99193	278.444575	314.1	33.5	0.00004	0.00005	0.00002	20	3.3
8.68507	271.721153	313.751444	32.2	0.000033	0.00005	0.00001	20	3.2
9.54283	264.99773	313.3	30.6	0.000029	0.00005	0.00002	20	3.1
8.87924	258.274307	313.3	30.3	0.000024	0.00005	0.00001	20	3
8.63269	253.803532	297.259987	28.3	0.000021	0.00004	0.00003	20	3
8.30754	251.471235	313.843772	25.1	0.000017	0.00004	0.00002	20	3
9.01932	249.138938	313.329551	23	0.000015	0.00004	0.00002	20	3
8.6398	246.806641	313.3	17.5	0.000014	0.00004	0.00002	20	3
8.641	244.534932	287.444695	15.4	0.000014	0.00005	0.00002	20	3
9.80084	247.710523	314.730892	8.9	0.000015	0.00005	0.00002	20	3
8.93422	250.886115	314.1	6.7	0.000018	0.00004	0	20	3
8.70824	254.061706	314.1	6	0.000024	0.00004	0.00001	20	3
8.73159	257.237298	314.599534	3.6	0.000033	0.00004	0	20	3
8.83787	261.844176	288.510143	1.6	0.000044	0.00004	0.00001	20	3
8.60404	272.435759	315.30403	0	0.000053	0.00004	0.00001	20	3
8.47155	283.027343	315.085152	0	0.00006	0.00004	0	20	3
16.28927	293.618927	316.054486	0	0.000109	0.00007	0	20	3
30.87747	304.21051	317.532258	0	0.000271	0.00014	0	20	3
37.7772	318.472063	316.132727	0	0.000496	0.00018	0.00002	20	2.9
53.51417	342.457692	321.673978	0	0.00076	0.00022	0.00009	20	2.9

79.430341	0	0.95099
76.334365	0	0.95148
74.011509	0	0.95188
72.274267	0	0.95217
70.537025	0	0.95239
68.799783	0	0.9526
67.062541	0	0.95278
64.704265	0	0.95292
62.322797	0	0.95308
59.941329	0	0.95325
57.559861	0	0.95345
57.45202	0	0.95371
61.660774	0	0.95399
65.869529	0	0.95433
70.078283	0	0.95467
74.287037	0	0.95493
72.544289	0	0.95512
66.716783	0	0.95528
60.889277	0	0.95544
55.061772	0	0.95561
52.046632	0	0.9558
55.500864	0	0.95607
58.955095	0	0.95635
62.409326	0	0.95664
65.863558	0	0.95693
67	0	0.95715
67	0	0.95739
67	0	0.95767
67	0	0.95789
66.744359	0	0.95807
64.26241	0	0.95823
61.78046	0	0.95839
59.298511	0	0.95853
56.816561	0	0.95866
57.49078	0	0.95878
59.712508	0	0.95887
61.934237	0	0.95897
64.155965	0	0.95908
64.51157	0	0.95916
55.756098	0	0.95923
47.000625	0	0.95929
38.245153	0	0.95935
29.489681	0	0.9594
23.18913	0	0.95945
21.015217	0	0.9595
18.841304	0	0.95955
16.667391	0	0.9596
14.493478	0	0.95964
19.521429	0	0.95968
26.664286	0	0.95972
33.807143	0	0.95976
40.95	0	0.95981
48.060819	0	0.95986
55.094332	0	0.9599
62.127844	0	0.95994
69.161357	0	0.95998
76.19487	0	0.96002
80.764204	0	0.96006
82.429136	0	0.9601
84.094069	0	0.96017
85.759001	0	0.96031
87.423933	0	0.96049
90.896857	0	0.96071

14:04:04.506	191.6	92.9	1905
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14:04:18.506	190.7	80.5	1609
14:04:19.506	190.7	84.3	1685
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14:04:21.506	190.5	65	1519
14:04:22.506	190.5	73.4	1557
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14:04:36.506	191.2	65.6	1705
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14:04:40.506	191.5	48.8	1627
14:04:41.506	191.6	48.1	1597
14:04:42.506	191.6	41.9	1576
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14:04:44.506	191.7	71	1554
14:04:45.506	191.8	75	1568
14:04:46.506	191.9	42.5	1569
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14:04:49.506	192.1	0	1241
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14:04:58.506		0	1124
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14:05:00.506	191.6	0	1149
14:05:01.506	191.6	3.7	896
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14:05:03.506	191.4	12.4	800
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14:05:05.506	191.3	19.4	813
14:05:06.506	191.2	16.2	843

55.27616	366.443322	324.345128	0.6	0.000916	0.00025	0.0004	20	2.8
41.14863	390.428952	328.486094	5	0.000835	0.00024	0.00058	20	2.9
34.24593	414.414582	331.873479	11.9	0.000609	0.00019	0.00034	20	3
41.2707	420.115742	353.518457	13	0.000608	0.00019	0.0002	20	3
24.60269	410.36619	334.456596	16.4	0.000487	0.00015	0.00006	20	3
19.67962	400.616637	335.388099	17.8	0.000383	0.00012	0.00005	20	3.1
15.56711	390.867084	336.394167	18.9	0.000285	0.00011	0.00002	20	3.2
17.76843	382.689994	356.525208	18.8	0.000229	0.0001	0.00003	20	3.2
19.8525	395.404189	336.949457	18.4	0.000247	0.00012	0.00002	20	3.2
33.89357	408.118384	338.2	18.4	0.000412	0.00018	0.00003	20	3.2
52.65897	420.832579	339.303011	19.1	0.000819	0.00025	0.00006	20	3
36.67783	433.546774	340.966232	20.6	0.00073	0.0002	0.00008	20	2.9
26.5251	440.834736	379.253707	22.9	0.000534	0.00016	0.00014	20	3
24.15241	437.729009	343.782953	25.2	0.000445	0.00015	0.00009	20	3.1
25.53263	434.623282	344.793806	26.7	0.000432	0.00014	0.00005	20	3.1
28.42533	431.517555	344.283404	28.1	0.000476	0.00015	0.00001	20	3.1
23.67767	428.411828	366.469368	29.7	0.000405	0.00012	0.00003	20	3
18.16987	428.113536	352.367346	31.2	0.000348	0.00011	0.00005	20	3.1
22.57182	428.503991	346.162581	32.5	0.000385	0.00013	0.00007	20	3.1
28.03656	428.894447	345.782474	33.3	0.000413	0.00014	0.00008	20	3.1
41.18242	429.284902	346.2	33.9	0.00051	0.00016	0.00011	20	3.1
45.57342	432.086144	385.721782	34.6	0.000747	0.00022	0.00017	20	3
50.50247	444.96772	346.452081	35.2	0.000879	0.00024	0.00011	20	3
44.94587	457.849296	347	35.9	0.000848	0.00024	0.00005	20	3
46.66089	470.730872	347	36.7	0.00086	0.00024	0	20	3
49.6955	483.612449	360.778025	37.2	0.000798	0.00023	0	20	3
38.49727	490.966964	373.680484	37.5	0.000582	0.00018	0	20	3.1
29.61283	494.219515	347	37.7	0.000497	0.00017	0	20	3.1
33.89192	497.472066	346.2	37.6	0.000534	0.00017	0	20	3.1
47.8119	500.724617	346.2	37.4	0.000831	0.00024	0	20	3.1
53.48069	503.977168	393.813592	37.3	0.000973	0.00028	0.00007	20	3.1
36.37987	493.779066	350.993939	37	0.000725	0.00022	0.00015	20	3.1
26.4769	481.571095	346.0775	37.3	0.000486	0.00017	0.00004	20	3.2
26.98407	469.363124	345.5	37.3	0.000403	0.00016	0	20	3.2
24.59312	457.155153	344.905251	37.3	0.000359	0.00014	0	20	3.2
22.92321	443.461699	374.802937	36.8	0.000325	0.00013	0	20	3.2
19.8365	428.306341	344.8	36.3	0.000277	0.00011	0	20	3.2
18.9613	413.150983	344.059221	36	0.000237	0.00011	0.00002	20	3.2
19.25897	397.995625	344	35.4	0.000212	0.00011	0.00002	20	3.2
22.66221	382.840266	352.048472	34.9	0.00022	0.00012	0.00002	20	3.2
23.40109	375.213897	347.550907	34.3	0.000239	0.00012	0.00002	20	3.2
28.38755	369.798499	343.371642	33.9	0.000297	0.00013	0	20	3.1
20.71375	364.383101	343.3	34	0.00031	0.00012	0.00001	20	3.1
29.59306	358.967703	343.753562	34.3	0.000413	0.00018	0.00002	20	3.1
33.83232	351.659369	349.141958	34.4	0.000267	0.00019	0.00007	20	3.2
32.81722	335.427189	343.3	34	0.000116	0.00018	0.00004	20	3.3
31.92935	319.19501	343.901533	33.4	0.000055	0.00017	0	20	3.2
31.7619	302.962831	344.8	32.9	0.000036	0.00017	0	20	3.2
31.3833	286.730652	344.8	32.3	0.000027	0.00016	0	20	3.2
29.55436	272.827639	314.627848	31.7	0.000021	0.00016	0	20	3.1
31.28301	265.384766	345.121071	30.6	0.000022	0.00016	0	20	3.1
32.62152	257.941893	345.5	29.2	0.000023	0.00017	0	20	3.1
30.52817	250.499021	346.2	27.4	0.000022	0.00016	0	20	3.1
31.35249	243.056148	329.04	26	0.000023	0.00016	0	20	3.1
30.75543	237.386906	328.721026	24.3	0.000022	0.00016	0	20	3.1
28.82861	232.591243	347	22.2	0.000021	0.00015	0	20	3.1
31.52416	227.79558	347.7	20.7	0.000021	0.00015	0	20	3.1
20.81853	222.999917	347.7	19.4	0.000014	0.0001	0	20	3.1
14.33063	218.204254	308.398958	18.1	0.000012	0.00009	0	20	3.1
13.49819	217.3815	342.897085	17	0.00001	0.00007	0	20	3.1
10.0616	217.1315	347.7	16	0.000009	0.00006	0	20	3.1
9.94008	216.8815	347.485752	14.7	0.000011	0.00005	0	20	3.1
9.85646	216.6315	347	13.8	0.000013	0.00005	0	20	3.1

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104.185193	0	0.96139
108.614638	0	0.96158
105.996052	0	0.96173
102.705857	0	0.96185
99.415661	0	0.96196
96.125466	0	0.96206
94.457759	0	0.96218
95.750862	0	0.96236
97.043966	0	0.96261
98.337069	0	0.96281
99.630172	0	0.96297
91.849666	0	0.96312
80.434633	0	0.96326
69.019599	0	0.96341
57.604566	1	0.96353
47.478686	1	0.96364
54.220748	1	0.96377
60.96281	1	0.96391
67.704872	1	0.96407
74.446933	1	0.96429
77.372124	1	0.96453
76.04469	1	0.96477
74.717257	1	0.96501
73.389823	1	0.96524
72.062389	1	0.96542
75.375208	1	0.96559
78.916875	1	0.96576
82.458542	1	0.966
86.000208	1	0.96628
88.441733	1	0.9665
84.79293	1	0.96667
81.144128	1	0.96683
77.495325	1	0.96697
73.846522	1	0.9671
73.487722	1	0.96721
74.122777	1	0.96732
74.757832	1	0.96743
75.392887	1	0.96755
75.435652	1	0.96767
62.609565	1	0.9678
49.783478	1	0.96792
36.957391	1	0.9681
24.131304	1	0.96829
15.618257	1	0.96847
12.506224	1	0.96864
9.394191	0	0.96881
6.282158	0	0.96897
3.170124	0	0.96913
1.733333	0	0.96929
1.305983	0	0.96946
0.878632	0	0.96962
0.451282	0	0.96978
0.023932	0	0.96994
2.163784	0	0.97009
4.455928	0	0.97024
6.748073	0	0.97034
9.040217	0	0.97043
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26.263487	0	0.97056
39.594043	0	0.97061
52.924599	0	0.97066

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14:05:12.506	190.9	34.3	687
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14:05:42.506	191.9	76.2	1127
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14:05:56.506	193.4	65.7	2268
14:05:57.506	193.6	21.4	2084
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14:06:05.506	194.6	99.2	1495
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14:06:07.506	194.9	51.6	1593
14:06:08.506	195	66	1628
14:06:09.506	195.1	23	1630

9.50388	216.585999	289.414011	13	0.000017	0.00005	0	20	3.1
10.21481	219.099501	346.2	10.4	0.000023	0.00005	0	20	3.1
11.04321	221.613004	346.2	9.1	0.000028	0.00005	0	20	3
11.31572	224.126506	346.2	8	0.000032	0.00005	0	20	3.1
11.30027	226.640008	346.2	6.9	0.000038	0.00006	0	20	3.1
11.84707	229.123542	296.263785	5.9	0.000047	0.00006	0	20	3.1
11.99562	231.521782	346.2	4.7	0.000057	0.00006	0	20	3
12.42216	233.920022	346.2	3.7	0.000068	0.00006	0	20	3.1
11.55584	236.318262	346.2	2.8	0.000067	0.00006	0	20	3.1
8.141	238.716502	330.005599	1.9	0.000057	0.00004	0	20	3.1
9.68502	240.106987	330.494118	1.1	0.000064	0.00005	0	20	3.1
10.12086	241.095781	346.2	0.7	0.000069	0.00005	0	20	3.1
10.38401	242.084575	346.2	0.7	0.000074	0.00005	0	20	3.1
10.38155	243.073368	346.2	0.5	0.000077	0.00005	0	20	3
10.41165	243.9656	295.4375	0.1	0.000079	0.00005	0	20	3
10.39671	244.3656	345.5	0	0.000081	0.00005	0	20	3
10.35795	244.7656	345.5	0	0.000082	0.00005	0	20	3
10.45668	245.1656	346.057642	0	0.000081	0.00005	0	20	3.1
10.44178	245.5656	346.2	0	0.000081	0.00005	0	20	3.1
10.3417	245.735871	312.566601	0	0.000081	0.00005	0	20	3.1
10.51963	245.580969	345.789455	0	0.000081	0.00005	0	20	3.1
10.45831	245.426068	345.5	0	0.000081	0.00005	0	20	3.1
10.44221	245.271166	346.2	0	0.000081	0.00005	0	20	3
10.48778	245.116265	316.778503	0	0.000081	0.00005	0	20	3
10.38845	244.978507	345.5	0	0.000082	0.00005	0	20	3
10.44	244.84276	345.5	0.1	0.000081	0.00005	0	20	3
10.34428	244.707014	345.5	0.3	0.000082	0.00005	0	20	3
10.43292	244.571267	342.590535	0.6	0.000082	0.00005	0	20	3.1
10.48333	244.561396	317.656105	0.7	0.000081	0.00005	0	20	3.1
10.44664	244.690651	345.312896	0.5	0.000082	0.00005	0	20	3.1
10.49	244.819905	344.885658	0.3	0.000081	0.00005	0	20	3.1
10.4572	244.94916	345.249355	0.2	0.000087	0.00006	0	20	3.1
16.69243	245.078414	317.430041	0.2	0.000127	0.00008	0	20	3.1
14.46492	254.618933	345.050667	0.5	0.00017	0.0001	0	20	3.1
27.90303	266.046225	345.5	1.7	0.000243	0.00012	0	20	3.1
20.27482	277.473516	345.5	4.2	0.000277	0.00013	0	20	3.1
26.51814	288.900807	346.16088	6.1	0.000351	0.00016	0	20	3.1
42.01175	302.717955	327.909827	7.2	0.00058	0.00022	0	20	3.1
48.0026	320.604318	344.310846	9	0.000749	0.00026	0	20	3.1
56.82692	338.490682	341.819412	11.6	0.000899	0.00035	0	20	3.6
52.54507	356.377045	339.369277	14.4	0.000763	0.00045	0	20	5.1
28.41742	374.263409	350.111364	16.9	0.000435	0.00035	0	20	6
22.70327	367.020063	334.999137	19.4	0.000256	0.00027	0	20	6.3
20.00773	358.999508	333.145087	20.5	0.000167	0.00023	0	20	6.4
16.16512	350.978954	331.086	20.4	0.000136	0.00021	0	20	6.3
40.94849	342.9584	329.047671	19.6	0.000305	0.00033	0	20	5.9
51.12803	352.487306	329.722825	19.1	0.000751	0.00048	0	20	5.3
103.88953	379.991973	321.852559	19.4	0.002006	0.00136	0	20	7.1
118.62556	407.49664	316.593029	20.8	0.002218	0.00607	0	20	29.2
87.80962	435.001307	310.956429	23.4	0.001296	0.00696	0	20	46.2
37.14335	462.505974	336.522297	27.8	0.000411	0.0026	0	20	41.7
21.12151	450.721	329.662059	31.9	0.000214	0.00112	0	20	28.5
16.92781	419.845815	306.208202	33	0.000141	0.00048	0	20	15.3
15.3863	388.970629	304.526106	32.2	0.000096	0.00025	0	20	9.1
13.62474	358.095444	303.592099	30.7	0.000059	0.00014	0	20	5.9
18.31485	327.220259	311.315595	29.1	0.000048	0.00014	0	20	5.1
20.18988	338.032892	302.27858	27.9	0.000058	0.00018	0	20	4.8
31.35215	350.85563	300.648673	26.7	0.00018	0.00023	0	20	4.6
47.95108	363.678368	300.739219	26.1	0.000387	0.00025	0	20	4.1
43.77224	376.501107	300.257266	26.3	0.000582	0.00027	0	20	3.9
30.04882	385.324782	331.333926	27.3	0.000495	0.00022	0	20	3.9
28.37346	386.556033	298.8	28.5	0.000466	0.00021	0	20	3.9
24.51696	387.787285	298.8	29.4	0.000403	0.0002	0	20	3.9

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161.313587	1	0.97116
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189.645847	1	0.97125
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177.992569	1	0.97135
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162.572071	1	0.972
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163.921295	1	0.97215
164.712435	1	0.9722
165.575993	1	0.97225
166.439551	1	0.97231
167.303109	1	0.97239
169.465059	1	0.97249
177.056039	1	0.97261
184.647019	1	0.97274
192.238	1	0.9729
199.82898	1	0.97312
209.661644	1	0.97338
220.392237	1	0.97373
231.122831	1	0.97418
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309.994531	1	0.97503
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401.440604	1	0.97557
447.16364	1	0.97605
418.797642	1	0.97741
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133.233788	1	0.99489
93.131399	1	0.99503
53.02901	1	0.99517
46.69171	1	0.99535
110.163212	1	0.99558
173.634715	1	0.99583
237.106218	1	0.9961
300.57772	1	0.99632
366.011894	1	0.99653
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14:06:58.506	194	80	1302
14:06:59.506	194	76.1	1301
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14:07:03.506	194	0	1152
14:07:04.506	194	0	1128
14:07:05.506	194	0	1142
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14:07:07.506	194	38.4	1337
14:07:08.506	194	40.8	1339
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14:07:10.506	194	47.2	1364
14:07:11.506		74.1	1385
14:07:12.506		79.8	1409

30.41864	389.018536	298.632063	29.9	0.000411	0.00022	0	20	3.9
55.98884	390.249787	326.618428	30.2	0.00071	0.00033	0	20	3.8
68.68688	396.950102	302.887368	30.2	0.000957	0.00037	0	20	3.7
41.02932	404.410355	301.629923	31.4	0.000684	0.00042	0	20	5.7
37.75436	411.870607	302.940774	33.3	0.000592	0.00036	0	20	5.6
28.14514	419.33086	303.9	35	0.000493	0.00022	0	20	4.1
18.28	426.791113	349.809167	36.2	0.000322	0.00014	0	20	3.8
13.70655	411.418937	305.266882	37	0.000252	0.00012	0	20	3.8
16.71871	395.389037	304.702308	37.3	0.000225	0.00012	0	20	3.7
17.72337	379.359136	305.646563	37.4	0.000199	0.00012	0	20	3.8
17.36397	363.329236	306.568609	37.3	0.000181	0.00011	0	20	3.7
20.88125	349.521553	327.664247	37.2	0.000186	0.00012	0.00001	20	3.7
19.25321	347.736635	306.59803	37.2	0.000185	0.00012	0	20	3.7
22.3171	345.951718	307.5	37.3	0.000222	0.00014	0.00001	20	3.7
23.0413	344.166801	308.995705	37.6	0.000232	0.00013	0	20	3.7
21.60881	342.381883	314.318658	38.1	0.000286	0.00015	0	20	3.6
24.02344	337.696747	313.705882	38.5	0.000281	0.00014	0.00001	20	3.5
18.58312	331.608835	311.054135	39	0.00026	0.00013	0	20	3.5
18.30261	325.520923	311.419588	39.5	0.000239	0.00012	0.00001	20	3.5
19.76008	319.433011	312.301073	40	0.000218	0.00011	0.00001	20	3.5
17.8924	313.053126	313.296759	40.4	0.000188	0.00011	0.00002	20	3.5
17.88276	304.610591	313.3	40.5	0.000159	0.00011	0.00001	20	3.5
18.403	296.168056	313.631458	40.7	0.000142	0.00011	0.00003	20	3.5
19.19489	287.725521	314.596597	41	0.000127	0.00011	0.00002	20	3.5
17.84901	279.282986	314.292266	41.1	0.00011	0.00011	0.00001	20	3.5
15.19687	275.218928	304.307225	41.3	0.000092	0.00009	0.00001	20	3.3
15.04769	276.112165	316.3	41.5	0.00009	0.00009	0	20	3.4
17.45913	277.005402	316.3	41.9	0.000107	0.0001	0	20	3.3
19.78656	277.898639	317.1	42.1	0.000127	0.0001	0	20	3.3
14.77629	278.791876	308.681181	42.4	0.000137	0.00009	0	20	3.3
16.05639	278.112455	316.376657	42.8	0.000143	0.0001	0	20	3.5
14.79425	276.955291	318.5	42.9	0.000131	0.00009	0	20	3.5
15.30953	275.798127	318.790026	42.7	0.000117	0.0001	0	20	3.5
18.74396	274.640964	319.601057	42.6	0.000127	0.00012	0	20	3.5
23.68021	273.723942	302.027822	42.4	0.000167	0.00013	0	20	3.5
29.50537	289.719793	320.685443	42.2	0.000299	0.00015	0	20	3.3
32.03461	305.715643	322.207381	42.4	0.000414	0.00016	0	20	3.2
24.0483	321.711494	323.219722	42.6	0.000424	0.00016	0	20	3.4
27.23247	337.707344	324.180465	42.7	0.000445	0.00016	0	20	3.3
35.49765	353.014541	337.843655	42.8	0.000549	0.00019	0	20	3.3
39.40627	365.460628	326.675558	42.7	0.000668	0.00021	0	20	3.3
33.33349	377.906716	327.50775	42.8	0.00062	0.0002	0	20	3.3
30.32372	390.352803	328.5311	43	0.000574	0.00019	0	20	3.3
31.2572	402.798891	328.7	42.9	0.000557	0.00018	0	20	3.3
32.30056	412.28128	362.555146	42.8	0.000557	0.00018	0	20	3.3
31.73768	415.608296	330.2	42.6	0.000562	0.00018	0	20	3.3
30.0443	418.935313	330.2	42.4	0.000551	0.00018	0	20	3.3
30.7141	422.262329	329.514116	42.1	0.000532	0.00018	0	20	3.4
28.48157	425.589345	339.800547	42	0.000503	0.00017	0	20	3.4
26.33726	415.597213	349.56	41.9	0.000454	0.00016	0	20	3.5
15.59655	395.800708	329.58383	41.9	0.000265	0.0001	0	20	3.6
9.57111	376.004203	329.273507	41.8	0.000179	0.00007	0	20	3.7
8.18829	356.207697	328.256086	41.5	0.000129	0.00006	0	20	3.7
9.5797	336.850503	332.0171	40.8	0.000101	0.00006	0	20	3.9
9.04694	325.041457	327.2	38.6	0.000081	0.00006	0	20	3.9
8.88014	313.232412	326.833333	37.2	0.000062	0.00006	0	20	4
16.69273	301.423367	326.5	36.4	0.000069	0.00009	0	20	3.9
16.76954	289.614322	321.189862	35.9	0.000058	0.00011	0	20	4
17.00135	289.125513	320.954185	35.5	0.000057	0.0001	0	20	3.8
16.54099	294.037646	325.183439	35.5	0.000071	0.0001	0	20	3.7
20.77906	298.949778	325.1	35.7	0.000107	0.00013	0	20	3.6
28.59394	303.86191	325.1	35.8	0.000174	0.00015	0	20	3.6
25.62855	308.774042	319.12111	36	0.000228	0.00014	0	20	3.6

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217.115369	1	0.99879
141.333333	1	0.99891
130.580645	1	0.99903
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109.075269	1	0.99926
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315.650226	1	1.00412
297.558475	1	1.0043
279.466724	1	1.00447
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212.752334	1	1.00473
161.618497	1	1.0048
110.48466	1	1.00486
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35.723981	1	1.00498
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76.033705	1	1.00524
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101.194088	1	1.00544
112.975816	1	1.00557
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14:07:58.506	190.4	54.9	1339
14:07:59.506	190.4	63.9	1352
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14:08:03.506	190.4	75	1473
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14:08:05.506	190.4	71.1	1543
14:08:06.506	190.4	63.5	1578
14:08:07.506		63.3	1603
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14:08:14.506	193.9	44.2	1798
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33.41329	320.380645	324.351389	36.6	0.000387	0.00019	0	20	3.6
35.37768	332.310043	324.353368	37.2	0.000486	0.00021	0	20	3.6
34.57792	344.23944	323.6	37.5	0.000545	0.00022	0	20	3.8
25.32987	356.168837	323.6	38	0.000497	0.00021	0	20	4
29.18701	368.201049	341.187383	38.4	0.000482	0.00022	0	20	4.1
35.05527	384.243028	321.948005	38.7	0.000523	0.00023	0	20	4.1
36.85917	400.285007	321.057584	38.6	0.000599	0.00026	0	20	4.2
42.78344	416.326987	320.103197	38.8	0.000744	0.00032	0	20	4.4
47.97113	432.368966	319.9	39	0.000848	0.00036	0	20	4.5
42.16036	434.24519	364.574611	39.5	0.000815	0.00037	0	20	4.6
23.42226	410.495725	317.483511	40.1	0.000395	0.00022	0	20	4.9
14.56969	386.746259	317.1	40.6	0.000194	0.00014	0	20	5.1
12.21657	362.996794	317.010377	40.4	0.000112	0.00012	0	20	5.2
10.63488	339.247328	318.881352	39.4	0.000064	0.0001	0	20	5.2
11.39848	322.506307	317.020221	38	0.000046	0.00009	0	20	5.1
11.59104	309.09378	314.8	35.8	0.000037	0.00009	0	20	5
11.04811	295.681253	314.1	33.3	0.000029	0.00009	0	20	4.8
10.82404	282.268726	313.652113	31.8	0.000024	0.00008	0	20	4.7
10.31372	269.197465	294.50777	31	0.000021	0.00008	0	20	4.6
10.02858	262.894656	312.404717	30.2	0.000019	0.00007	0.00001	20	4.3
9.48459	256.591847	311.431655	29.1	0.000017	0.00007	0.00002	20	4.2
10.34825	250.289039	311.835294	27.8	0.000018	0.00007	0.00002	20	4.1
17.67495	243.98623	299.759405	26.5	0.000027	0.00011	0.00005	20	4.1
19.32341	248.29746	302.282721	25.7	0.000043	0.00013	0.00005	20	4
16.5626	257.860181	311.2	25.3	0.000067	0.00011	0.00003	20	3.9
13.27833	267.422902	310.5	25.6	0.000107	0.00009	0.00002	20	3.8
18.77504	276.985623	310.11962	26.2	0.000183	0.00013	0	20	3.7
24.62583	284.643698	298.440123	26.5	0.000246	0.00014	0	20	3.6
18.08139	280.698294	310.5	26.8	0.000245	0.00012	0	20	3.6
17.86552	276.75289	310.5	27.7	0.00024	0.00011	0	20	3.6
12.83896	272.807486	309.931375	28.5	0.000192	0.0001	0	20	3.8
9.79618	268.862081	309.402333	28.9	0.000138	0.00008	0	20	3.8
9.74584	263.179138	295.694062	28.9	0.000107	0.00007	0	20	3.9
12.62457	255.389621	309	28.7	0.000089	0.00008	0	20	4
12.80028	247.600104	309	28.5	0.000072	0.00009	0	20	4
11.00615	239.810586	308.213506	28.4	0.000056	0.0001	0	20	4.1
15.72962	232.021069	301.705069	28.4	0.000041	0.0001	0	20	4.1
11.92108	226.260286	291.92922	28.3	0.000032	0.00009	0	20	4.1
16.41748	221.716744	307.642807	28.3	0.000036	0.00009	0	20	4.1
10.98786	217.173202	308.2	28.3	0.000034	0.00008	0	20	4.1
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13.30692	208.086117	277.615789	27.3	0.000031	0.00009	0	20	4.1
9.87304	208.624762	307.5	26.8	0.000026	0.00009	0	20	4.1
13.72359	209.916108	307.5	26.3	0.000025	0.00009	0	20	4.1
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22.34148	212.498799	306.338988	25.1	0.000054	0.00014	0	20	4.1
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28.62908	317.953933	313.869492	28.9	0.000405	0.00026	0	20	5.1
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73.99117	423.794545	336.050973	32.6	0.001199	0.00093	0	20	7.9
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14:08:31.506	201.8	87.9	1781
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14:08:38.506		86.7	1875
14:08:39.506		84.7	1878
14:08:40.506		81.2	1892
14:08:41.506		74.9	1905
14:08:42.506	200.3	71.2	1915
14:08:43.506	200	77.9	1924
14:08:44.506	199.7	52.1	1920
14:08:45.506	199.3	54.6	1909
14:08:46.506	199	68.6	1902
14:08:47.506	198.7	69.7	1898
14:08:48.506	198.4	72.7	1894
14:08:49.506	198	72.2	1892
14:08:50.506	197.7	71.5	1893
14:08:51.506	197.4	67.5	1890
14:08:52.506	197.1	77.7	1889
14:08:53.506	196.7	83	1889
14:08:54.506	196.4	78	1893
14:08:55.506	196.1	77.7	1899
14:08:56.506	195.8	79.8	1902
14:08:57.506	195.4	69.9	1902
14:08:58.506	195.1	71.7	1901
14:08:59.506	194.8	70.2	1895
14:09:00.506	194.5	72.7	1891
14:09:01.506	194.2	74.2	1891
14:09:02.506		69.4	1894
14:09:03.506		72.6	1897
14:09:04.506		71.3	1902
14:09:05.506		59	1904
14:09:06.506		61.5	1907
14:09:07.506		91.7	1915
14:09:08.506		76.1	1928
14:09:09.506	192	73.8	1939
14:09:10.506	191.8	79.4	1951
14:09:11.506	191.5	82.8	1962
14:09:12.506	191.2	76.9	1973
14:09:13.506	191	72.5	1981
14:09:14.506	190.7	73.9	1990
14:09:15.506	190.5	69.9	1996
14:09:16.506	190.2	51.6	1994
14:09:17.506	189.9	41.3	1998
14:09:18.506	189.7	53.8	1986

68.6467	457.95039	309.8	39.2	0.00094	0.00115	0	20	9.5
131.22495	469.335671	367.469452	40.4	0.002099	0.00288	0	20	13.3
138.95612	519.383416	308.2	41.3	0.002585	0.01015	0	20	41.8
149.75718	570.709258	309.461734	42.7	0.002854	0.01985	0	20	75.9
169.15301	622.035101	313.759144	43.6	0.003142	0.03208	0	20	112
184.07567	673.360944	322.688818	49	0.00321	0.04322	0	20	141.7
152.90934	681.281818	433.88026	57.4	0.002272	0.0365	0	20	147.7
80.45603	648.814286	344.586792	60.8	0.001035	0.01426	0	20	107.8
47.74183	616.346753	347.850702	64.5	0.00058	0.00497	0	20	62.3
45.52165	583.879221	349.419063	66.4	0.000569	0.00248	0	20	34
59.94252	551.411688	413.889122	66.9	0.000943	0.00176	0	20	17.6
58.19583	539.975238	358.402642	67.1	0.000974	0.00116	0	20	11.6
39.71875	530.927619	357.756701	67.4	0.000588	0.00063	0	20	9.6
30.99863	521.88	361.064313	68	0.000486	0.00046	0	20	7.8
41.6762	512.832381	362.44657	68.4	0.000577	0.00043	0	20	6.3
74.25444	505.068425	425.594407	68.3	0.001049	0.00053	0	20	5
82.89221	514.898202	370.862441	68.3	0.001354	0.00088	0	20	6.6
74.74342	524.727979	377.378489	68.7	0.001299	0.00129	0	20	9.9
67.54904	534.557756	383.20213	69.5	0.00114	0.00134	0	20	11.4
64.13745	544.387533	432.701404	70.5	0.000983	0.00107	0	20	10.3
43.83679	538.857799	392.021429	71.4	0.000637	0.00058	0	20	8.2
32.47389	531.564376	393.867093	72.1	0.000515	0.00038	0	20	6.1
42.21871	524.270953	395.91928	72.5	0.000589	0.00033	0	20	4.9
46.20754	516.97753	397.747267	72.5	0.000786	0.00039	0	20	4.8
87.99299	510.242223	455.172592	72.6	0.001209	0.00058	0	20	4.8
69.27376	506.59662	403.016164	72.7	0.001136	0.00056	0	20	4.8
52.44687	502.951016	405.648588	73	0.000886	0.0005	0	20	5.3
50.47776	499.305413	407.16087	73.7	0.000784	0.0004	0	20	4.7
35.69012	495.65981	415.845455	74.2	0.000535	0.00029	0	20	4.6
30.65766	490.472	425.815625	74.4	0.000387	0.00025	0	20	4.7
37.01229	484.366737	409.437951	74.4	0.000418	0.00027	0	20	4.6
38.03972	478.261474	408.8	73.9	0.000512	0.00029	0	20	4.4
38.2698	472.156211	408.8	73.5	0.000563	0.00028	0	20	4.3
39.20311	466.050947	426.367284	73.4	0.000578	0.00027	0	20	4.2
38.23221	467.173354	409.6	73.3	0.000572	0.00026	0	20	4.1
36.40007	469.309447	409.6	73.3	0.000539	0.00025	0	20	4.1
38.93	471.445541	409.105882	73.2	0.000592	0.00026	0	20	4
48.06872	473.581634	409.438136	73.2	0.000755	0.00031	0	20	3.8
49.3599	474.805572	434.245575	73.1	0.000804	0.00032	0	20	3.8
47.99248	474.226918	409.193347	73.1	0.000771	0.00031	0	20	3.8
47.72798	473.648264	409.341207	73.3	0.000746	0.0003	0	20	3.7
41.30588	473.06961	408.821847	73.4	0.000658	0.00027	0	20	3.7
39.21658	472.490956	414.976911	73.5	0.00059	0.00024	0	20	3.7
37.81638	470.493127	415.444729	73.6	0.000572	0.00023	0	20	3.7
38.66137	467.796303	407.2	73.5	0.000582	0.00024	0	20	3.7
38.90337	465.099478	406.3	73.4	0.000597	0.00024	0	20	3.7
38.25974	462.402653	405.954881	73.3	0.000594	0.00025	0	20	3.8
41.15184	459.786653	428.878852	73.3	0.000638	0.00026	0	20	3.8
41.12163	458.212389	404.486743	73.3	0.000634	0.00026	0	20	3.8
35.4768	456.638125	403.8	73.4	0.000531	0.00023	0	20	3.8
28.6062	455.06386	403.017335	73.5	0.000489	0.00022	0	20	3.8
49.30382	453.489596	408.714766	73.6	0.000698	0.00029	0	20	3.7
49.27914	456.126005	409.663235	73.9	0.000788	0.00031	0	20	3.7
46.36457	460.663023	401.3	74.1	0.000728	0.00029	0	20	3.7
46.15984	465.200041	400.459533	74.6	0.000714	0.00029	0	20	3.8
49.67543	469.737059	399.476434	75	0.000786	0.00032	0	20	3.8
46.10667	474.274077	417.50356	75.5	0.000746	0.00031	0	20	3.8
41.89871	466.426061	399.508358	75.9	0.000652	0.00028	0	20	3.8
40.04085	456.218992	398.06788	76.4	0.000615	0.00026	0	20	3.8
39.65235	446.011922	397.4	76.7	0.000592	0.00025	0	20	3.8
33.01719	435.804853	396.358065	77.1	0.00047	0.00021	0	20	3.8
29.73053	426.099932	408.361976	77.3	0.000368	0.00021	0	20	3.8
29.79894	424.403867	394.720256	77.3	0.000288	0.0002	0	20	3.9

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947.713814	1	1.0332
998.826393	1	1.05305
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1101.051553	1	1.12835
1152.164133	1	1.16485
1028.425974	1	1.17911
857.646753	1	1.18408
686.867532	1	1.18656
516.088312	1	1.18832
375.558836	1	1.18948
384.837621	1	1.19011
394.116407	1	1.19057
403.395192	1	1.191
412.673977	1	1.19153
408.676768	1	1.19241
386.791246	1	1.1937
364.905724	1	1.19504
343.020202	1	1.19611
329.657384	1	1.19669
339.572996	1	1.19707
349.488608	1	1.1974
359.404219	1	1.19779
369.319831	1	1.19837
346.858747	1	1.19893
295.45486	1	1.19943
244.050972	1	1.19983
192.647084	1	1.20012
141.243197	1	1.20037
135.03875	1	1.20064
133.968315	1	1.20093
132.897881	1	1.20121
131.827446	1	1.20148
129.599383	1	1.20174
123.429264	1	1.20199
117.259145	1	1.20225
111.089026	1	1.20256
104.918907	1	1.20288
108.321605	1	1.20319
116.045269	1	1.20349
123.768934	1	1.20376
131.492598	1	1.204
138.738375	1	1.20423
129.394611	1	1.20447
120.050847	1	1.20471
110.707084	1	1.20496
101.36332	1	1.20522
97.33812	1	1.20548
100.479246	1	1.20571
103.620372	1	1.20593
106.761499	1	1.20622
109.902625	1	1.20653
114.062893	1	1.20682
118.255765	1	1.20711
122.448637	1	1.20743
126.641509	1	1.20774
128.082852	1	1.20802
118.44894	1	1.20828
108.815029	1	1.20853
99.181118	1	1.20874
89.547206	1	1.20895
86.365812	1	1.20915

14:09:19.506	189.4	68	1987
14:09:20.506	189.2	69.7	1989
14:09:21.506	188.9	60.4	1991
14:09:22.506	188.6	51.5	1996
14:09:23.506	188.4	67.8	1997
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14:09:26.506	187.6	62.5	1995
14:09:27.506	187.3	60.2	1992
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14:09:29.506		32.1	1980
14:09:30.506		12.7	1957
14:09:31.506		61.9	1946
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14:09:33.506		69.7	1931
14:09:34.506		73.6	1925
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14:09:37.506	188.4	71.5	1917
14:09:38.506	188.6	56.8	1909
14:09:39.506	188.8	65.9	1898
14:09:40.506	189	78.7	1892
14:09:41.506	189.2	74.9	1888
14:09:42.506	189.4	30.2	1865
14:09:43.506	189.6	5.3	1850
14:09:44.506	189.8	7.7	1821
14:09:45.506	190	31.8	1797
14:09:46.506	190.2	15	1765
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14:09:48.506	190.5	74.6	1729
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14:09:51.506	191.1	62.1	1739
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14:09:54.506	191.7	1	1666
14:09:55.506	191.9	0.6	1839
14:09:56.506	192.1	22	1837
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14:09:58.506		3.6	1554
14:09:59.506		0	1518
14:10:00.506		14.1	1522
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14:10:02.506		63.6	1533
14:10:03.506		57.9	1549
14:10:04.506	192.7	49.2	1557
14:10:05.506	192.8	46.2	1566
14:10:06.506	192.8	56.1	1578
14:10:07.506	192.9	61.2	1591
14:10:08.506	193	55.9	1603
14:10:09.506	193	34.1	1613
14:10:10.506	193.1	27.6	1611
14:10:11.506	193.2	33.7	1610
14:10:12.506	193.2	33.9	1607
14:10:13.506	193.3	40.3	1608
14:10:14.506	193.3	78.5	1609
14:10:15.506	193.4	88.4	1628
14:10:16.506	193.5	50.2	1636
14:10:17.506	193.5	74.1	1638
14:10:18.506	193.6	95.7	1642
14:10:19.506	193.7	95.3	1665
14:10:20.506	193.7	78.2	1687
14:10:21.506	193.8	54.7	1706

36.94456	422.707802	393.743192	77.1	0.000382	0.00025	0	20	3.9
47.75724	421.011737	393.4	77	0.000581	0.00029	0	20	3.8
42.93072	419.315672	395.494018	76.9	0.000578	0.00028	0	20	3.8
33.35342	419.614485	397.463069	77	0.000466	0.00022	0	20	3.8
36.87743	421.050096	391.9	77.2	0.000492	0.00024	0	20.6	3.8
39.88794	422.485708	391.828312	77.3	0.000537	0.00025	0	21	3.8
40.27378	423.92132	391.1	77.2	0.000577	0.00026	0	21	3.8
37.69419	425.356932	403.512449	77.3	0.000543	0.00024	0	21	3.8
35.00439	410.954568	390.4	77.3	0.000492	0.00023	0	21	3.8
35.97585	396.062369	390.194783	77.2	0.00047	0.00023	0	21	3.8
31.90296	381.170171	389.6	77	0.000407	0.00022	0	21	3.9
28.81608	366.277973	387.75441	76.8	0.000294	0.00021	0	21	3.9
42.1422	363.820868	380.11625	76.4	0.000326	0.00025	0	21	3.9
40.19734	375.330143	388	75.8	0.000456	0.00027	0	21	3.9
37.72339	386.839418	387.2	75.8	0.000433	0.00023	0	21	3.9
39.19592	398.348693	387.2	75.7	0.00053	0.00026	0	21	3.8
46.95273	409.857968	392.689362	75.2	0.000669	0.00029	0	21	3.8
43.35167	413.262811	390.136364	74.6	0.000687	0.00028	0	21	3.8
39.63732	413.624311	385.742601	74.4	0.000613	0.00025	0	21	3.7
35.33067	413.985811	385.486826	74.3	0.000517	0.00022	0	21	3.7
35.27519	414.347311	384.9	74.1	0.000482	0.00022	0	21	3.8
43.03923	410.676158	397.181795	73.9	0.000607	0.00027	0	21	3.8
47.89485	397.640137	383.835505	73.5	0.000708	0.0003	0	21	3.8
31.23662	384.604117	383.4	73.2	0.000552	0.00025	0	21	3.8
23.79627	371.568096	382.632166	73	0.00028	0.00017	0	21	3.9
20.49234	358.532075	379.183178	72.6	0.000143	0.00014	0	21	4
23.31458	353.348827	377.14597	71.6	0.000096	0.00016	0	21	4
23.29203	352.640549	380.299575	70.5	0.000079	0.00015	0	21	4.1
26.21502	351.932271	379.4	69.3	0.000125	0.00018	0	21	4
38.61142	351.223993	379.4	68.4	0.000272	0.00025	0	21	4
52.45476	352.11815	365.53642	67.5	0.000639	0.00033	0	21	3.8
63.35846	364.875712	378.360548	66.9	0.001048	0.0004	0	21	3.7
47.17078	377.633275	377.439923	66.6	0.000754	0.00031	0	21	3.8
44.01166	390.390837	376.424242	66.8	0.000614	0.00027	0	21	3.9
24.60532	403.1484	379.111622	67.2	0.000368	0.00018	0	21	4
18.15993	395.808181	382.00393	67.2	0.000197	0.00014	0	21	4.1
18.22149	372.483551	374.1	66.2	0.000117	0.00015	0	21	4.2
24.78131	349.158921	373.932464	62.8	0.000088	0.00017	0	21	4.1
23.3428	325.834291	372.047552	59.6	0.000071	0.00015	0	21	4
16.70111	302.509661	346.736612	59.1	0.000054	0.00012	0	21	4
12.94777	302.232237	370.9	58.9	0.000036	0.00009	0	21	4
14.5214	302.890132	370.297647	58.8	0.000038	0.00011	0.00001	21	4
22.79454	303.548026	370.403939	58.7	0.00005	0.00015	0.00001	21	4
25.83392	304.205921	369.342162	58.7	0.000118	0.00016	0	21	3.9
27.60341	306.815144	346.070665	58.9	0.000213	0.00016	0	21	3.8
22.28601	312.339193	368.208511	59.2	0.00026	0.00016	0	21	3.8
20.97448	317.863243	367.8	59.4	0.000263	0.00015	0	21	3.8
26.19065	323.387293	367.032166	60.1	0.000285	0.00017	0	21	3.9
25.23062	328.911342	363.579353	60.3	0.000297	0.00017	0	21	3.9
25.82137	326.123676	360.637042	61	0.000292	0.00016	0	21	3.9
21.08799	318.660669	365.525417	61.3	0.00027	0.00015	0	21	3.9
19.33816	311.197662	365.32	61.5	0.000228	0.00014	0	21	4.1
18.91308	303.734656	364.6	62	0.00018	0.00013	0	21	4.1
18.68859	296.271649	338.86571	62.3	0.000148	0.00013	0	21	4.1
21.22752	313.496571	363.208936	62.3	0.000164	0.00016	0	21	4.2
41.12256	331.302682	363.9	62.3	0.000422	0.00029	0	21	4.1
73.57972	349.108793	363.9	62.3	0.000867	0.00042	0	21	4
26.93731	366.914904	363.168571	62.2	0.000476	0.00023	0	21	4.1
31.01509	386.235785	367.38763	62.6	0.00044	0.00023	0	21	4.1
61.87105	407.581076	362.480815	62.8	0.000729	0.00034	0	21	4.1
76.17725	428.926368	361.67	63.3	0.001277	0.0005	0	21	4.1
64.30285	450.271659	361.607143	63.3	0.00116	0.00048	0	21	4.2
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37.148936	1	1.21799
38.425532	1	1.21816
39.702128	1	1.21831
40.978723	1	1.21843
45.919841	1	1.21852
65.519049	1	1.21863
85.118256	1	1.21878
104.717463	1	1.21894
124.31667	1	1.2191
124.917794	1	1.21926
115.688345	1	1.21941
106.458897	1	1.21958
97.229448	1	1.21975
88	1	1.21991
88.214592	1	1.22006
88.429185	1	1.2202
88.643777	1	1.22033
88.858369	1	1.22046
100.131619	1	1.22062
132.871677	1	1.22091
165.611734	1	1.22133
198.351791	1	1.22156
231.091848	1	1.22179
271.370529	1	1.22213
313.665242	1	1.22263
355.959955	1	1.22311
398.254668	1	1.22344

14:10:22.506	193.9	43.5	1699
14:10:23.506	193.9	77.5	1700
14:10:24.506		72.1	1704
14:10:25.506		21.4	1702
14:10:26.506		6.1	1683
14:10:27.506		0.5	1661
14:10:28.506		0	1639
14:10:29.506		0	1615
14:10:30.506		5.7	1595
14:10:31.506		17.7	1575
14:10:32.506	195.6	50.1	1562
14:10:33.506	195.8	54.6	1553
14:10:34.506	196	59.3	1547
14:10:35.506	196.2	67.6	1544
14:10:36.506	196.3	77.3	1544
14:10:37.506	196.5	81.9	1547
14:10:38.506	196.7	81.6	1555
14:10:39.506	196.9	86.1	1567
14:10:40.506	197.1	95.3	1580
14:10:41.506	197.3	90.2	1596
14:10:42.506	197.5	85.8	1617
14:10:43.506	197.7	73.1	1633
14:10:44.506	197.9	68.5	1643
14:10:45.506	198.1	82.2	1644
14:10:46.506	198.3	82.5	1648
14:10:47.506	198.5	75.2	1655
14:10:48.506	198.7	79.3	1658
14:10:49.506	198.9	90.5	1667
14:10:50.506	199.1	89.4	1682
14:10:51.506	199.3	80.3	1695
14:10:52.506		58.2	1700
14:10:53.506		73.1	1703
14:10:54.506		95.1	1711
14:10:55.506		80.8	1720
14:10:56.506		49	1723
14:10:57.506		34.5	1711
14:10:58.506		25.6	1691
14:10:59.506	197.5	12.5	1675
14:11:00.506	197.2	48.1	1664
14:11:01.506	196.9	86.1	1661
14:11:02.506	196.7	80.2	1668
14:11:03.506	196.4	69.3	1675
14:11:04.506	196.1	80.7	1680
14:11:05.506	195.9	70.1	1679
14:11:06.506	195.6	65.1	1677
14:11:07.506	195.3	57.4	1668
14:11:08.506	195.1	55.4	1657
14:11:09.506	194.8	56.2	1653
14:11:10.506	194.6	63	1648
14:11:11.506	194.3	77	1647
14:11:12.506	194	72.4	1647
14:11:13.506	193.8	58.8	1647
14:11:14.506	193.5	53.4	1647
14:11:15.506	193.2	59.7	1638
14:11:16.506	193	65.4	1631
14:11:17.506	192.7	68.7	1628
14:11:18.506	192.4	80.3	1629
14:11:19.506		83.2	1636
14:11:20.506		83.9	1642
14:11:21.506		83.9	1655
14:11:22.506		83.1	1672
14:11:23.506		87	1688
14:11:24.506		79.4	1706

24.99757	460.551187	359.3	65	0.000445	0.00026	0	21	4.6
35.91706	448.413984	359.05081	65.2	0.0005	0.0003	0	21	4.8
39.45116	436.276781	358.4	65.8	0.000563	0.00031	0	21	4.8
25.03388	424.139578	357.692632	65.7	0.000397	0.00022	0	21	4.9
19.11473	406.956124	375.605572	65.8	0.000246	0.00018	0	21	4.9
16.57785	382.80404	356.385104	65.8	0.000149	0.00015	0	21	5
15.77233	358.651955	355.360698	65.7	0.00009	0.00013	0	21	4.9
14.434	334.49987	355.3	65.4	0.000055	0.00012	0	21	4.8
14.05378	310.347786	342.935605	64.3	0.000036	0.00011	0	21	4.7
21.046	308.18887	350.033074	63.4	0.000036	0.00014	0	21	4.5
21.84342	311.841043	353.786707	62.3	0.000048	0.00016	0	21	4.5
24.94611	315.493217	353	60.9	0.000115	0.00018	0	21	4.4
24.70476	319.145391	352.44	60.5	0.000199	0.00019	0	21	4.3
27.30696	325.799587	337.763075	60.3	0.000286	0.0002	0	21	4.3
30.93054	345.169152	351.972014	59.7	0.000399	0.00022	0	21	4.2
36.98318	364.538717	351.5	59.6	0.000552	0.00026	0	21	4.2
41.18526	383.908283	350.601339	59.7	0.000659	0.00029	0	21	4.2
42.45448	403.277848	356.94577	59.9	0.00072	0.00031	0	21	4.2
48.78568	419.117145	363.756579	60.1	0.000853	0.00034	0	21	4.2
57.45492	432.51333	350.6	60.3	0.001025	0.0004	0	21	4.1
58.67935	445.909515	350.483989	61.1	0.001067	0.00041	0	21	4.1
51.61215	459.305701	349.616685	61.7	0.000889	0.00037	0	21	4.2
31.80662	472.3	396.266699	62.3	0.000539	0.00026	0	21	4.2
35.39559	472.3	350.416125	63	0.000596	0.00028	0	21	4.2
41.23	472.3	349.8	63.4	0.000687	0.0003	0	21	4.2
38.49705	472.3	349.793424	63.5	0.000622	0.00027	0	21	4.2
37.93365	472.3	353.391803	63.6	0.000675	0.0003	0	21	4.3
52.99811	472.664679	385.762944	64	0.000916	0.00038	0	21	4.2
58.25707	473.429205	349.1	64.1	0.001037	0.00041	0	21	4.2
50.47067	474.193731	349.630167	64.4	0.000904	0.00037	0	21	4.2
36.90046	474.958257	349.212	65	0.000588	0.00027	0	21	4.3
37.48331	475.722783	386.8	65.5	0.000613	0.0003	0	21	4.3
53.97653	467.419179	352.254545	65.8	0.000852	0.00037	0	21	4.3
52.41499	458.096797	349.110279	65.7	0.000907	0.00038	0	21	4.4
37.40211	448.774415	349.8	65.8	0.00062	0.00031	0	21	4.5
21.6373	439.452033	349.8	66	0.000308	0.00019	0	21	4.6
21.0509	430.37674	383.001084	66.4	0.000208	0.00017	0	21	4.7
22.81563	429.574664	349.8	66.3	0.000166	0.00017	0	21	4.8
28.73159	428.772588	349.8	65.6	0.000188	0.00022	0	21	4.8
41.89729	427.970512	349.811973	64.9	0.000365	0.00031	0	21	4.7
53.13504	427.168436	366.920743	64.2	0.000697	0.00038	0	21	4.5
40.02558	427.13387	357.175821	64.2	0.000628	0.00031	0	21	4.5
36.63045	427.303326	351.519066	64.4	0.000514	0.00027	0	21	4.7
31.0085	427.472781	352.2	64.8	0.000494	0.00026	0	21	4.7
29.98488	427.642237	352.655814	64.9	0.000469	0.00025	0	21	4.7
27.48157	427.503125	385.770515	64.9	0.000398	0.00023	0	21	4.8
28.13229	423.200589	353.12783	64.9	0.000295	0.00022	0	21	4.9
25.74259	418.898053	353.8	64.6	0.000284	0.00022	0	21	4.9
27.34327	414.595516	353.842118	64.1	0.000336	0.00023	0	21	4.8
34.82681	410.29298	362.656173	63.9	0.000446	0.00027	0	21	4.8
34.01794	407.73021	363.532055	63.7	0.000483	0.00026	0	21	4.7
28.73068	406.09194	356.758775	63.7	0.000481	0.00026	0	21	4.7
31.26943	404.45367	357.018605	63.8	0.000456	0.00025	0	21	4.7
27.80606	402.8154	358.070035	63.7	0.000402	0.00023	0	21	4.8
27.19832	402.001602	377.606892	63.5	0.000371	0.00022	0	21	4.7
31.48118	411.356301	359.466077	63.3	0.000399	0.00024	0	21	4.7
37.76012	420.711	360	63.1	0.000522	0.00029	0	21	4.7
44.19746	430.065699	361.342235	62.9	0.000713	0.00035	0	21	4.6
45.1317	439.420398	365.321622	63	0.000808	0.00037	0	21	4.5
49.25626	448.163425	389.12228	63.2	0.000921	0.00041	0	21	4.5
57.01608	456.179671	365.79403	63.5	0.000985	0.00043	0	21	4.5
65.1165	464.195917	366.85641	64	0.001036	0.00045	0	21	4.5
61.66921	472.212163	368.16231	64.6	0.001043	0.00047	0	21	4.5

402.133071	1	1.2237
332.752462	1	1.224
263.371854	1	1.22431
193.991245	1	1.22453
124.610637	1	1.22471
93.516472	1	1.22486
73.537726	1	1.22499
53.55898	1	1.22511
33.580234	1	1.22522
16.597479	1	1.22536
39.418605	1	1.22552
62.23973	1	1.2257
85.060856	1	1.22589
107.881982	1	1.22609
125.712049	1	1.22631
137.891257	1	1.22657
150.070465	1	1.22686
162.249674	1	1.22717
174.428882	1	1.22751
203.21875	1	1.22791
234.46875	1	1.22832
265.71875	1	1.22869
296.96875	1	1.22895
308.159767	1	1.22923
288.108021	1	1.22953
268.056274	1	1.2298
248.004528	1	1.2301
227.952781	1	1.23048
225.135471	1	1.23089
227.971422	1	1.23126
230.807373	1	1.23153
233.643325	1	1.23183
232.563312	1	1.2322
212.227883	1	1.23258
191.892453	1	1.23289
171.557023	1	1.23308
151.221593	1	1.23325
171.067436	1	1.23342
251.436952	1	1.23364
331.806467	1	1.23395
412.175982	1	1.23433
480.987975	1	1.23464
393.857173	1	1.23491
306.726371	1	1.23517
219.59557	1	1.23542
132.464768	1	1.23565
78.947941	1	1.23587
93.987274	1	1.23609
109.026608	1	1.23632
124.065942	1	1.23659
138.950963	1	1.23685
131.945709	1	1.23711
124.940455	1	1.23736
117.935201	1	1.23759
110.929947	1	1.23781
116.409805	1	1.23805
137.84444	1	1.23834
159.279075	1	1.23869
180.71371	1	1.23906
202.148345	1	1.23947
225.837636	1	1.2399
250.373587	1	1.24035
274.909537	1	1.24082

14:11:25.506		80.7	1717
14:11:26.506		89.8	1725
14:11:27.506	192.2	81.3	1742
14:11:28.506	192.2	81.4	1750
14:11:29.506	192.2	60.3	1750
14:11:30.506	192.2	76.5	1751
14:11:31.506	192.2	81.9	1749
14:11:32.506	192.2	73.8	1746
14:11:33.506	192.2	83.7	1740
14:11:34.506	192.2	80	1732
14:11:35.506	192.2	78	1723
14:11:36.506	192.2	78.9	1716
14:11:37.506	192.2	87.2	1710
14:11:38.506	192.2	88.8	1711
14:11:39.506	192.2	81.5	1715
14:11:40.506	192.2	77.6	1727
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14:11:42.506	192.2	73.8	1750
14:11:43.506	192.2	63.1	1750
14:11:44.506	192.2	80.6	1748
14:11:45.506	192.2	83.5	1749
14:11:46.506	192.2	77.3	1753
14:11:47.506		69.8	1755
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14:11:49.506		60.8	1758
14:11:50.506		37	1751
14:11:51.506		48.5	1736
14:11:52.506		23.5	1727
14:11:53.506		6.7	1703
14:11:54.506		3.5	1683
14:11:55.506	190	12.4	1664
14:11:56.506	189.7	7.4	1650
14:11:57.506	189.5	15.7	1636
14:11:58.506	189.2	4.2	1619
14:11:59.506	188.9	0	1600
14:12:00.506	188.7	0	1577
14:12:01.506	188.4	0	1550
14:12:02.506	188.2	0	1512
14:12:03.506	187.9	0	1481
14:12:04.506	187.7	22.9	1464
14:12:05.506	187.4	58.4	1456
14:12:06.506	187.1	69.9	1454
14:12:07.506	186.9	16.3	1439
14:12:08.506	186.6	0.8	1430
14:12:09.506	186.4	0	1405
14:12:10.506	186.1	0	1370
14:12:11.506	185.8	0	1340
14:12:12.506	185.6	0	1298
14:12:13.506	185.3	0	1460
14:12:14.506	185.1	0	1396
14:12:15.506		0	1452
14:12:16.506		0	1421
14:12:17.506		0	1394
14:12:18.506		76.3	1527
14:12:19.506		85.7	1749
14:12:20.506		99.6	1844
14:12:21.506		98.7	2019
14:12:22.506	187.6	85.2	2232
14:12:23.506	187.9	54.5	2319
14:12:24.506	188.2	41.7	2021
14:12:25.506	188.6	14.8	1463
14:12:26.506	188.9	0.7	1368
14:12:27.506	189.2	0	1331

44.60938	480.22841	396.317123	65.2	0.000737	0.00038	0	21	4.7
44.45707	479.950877	381.998542	65.9	0.00073	0.00038	0	21	4.8
70.37632	477.320423	370.1	66.4	0.000872	0.00044	0	21	5
47.50065	474.68997	370.9	66.7	0.000785	0.0004	0	21	5
37.06293	472.059517	370.9	67.1	0.000636	0.00035	0	21	5
36.08949	469.817905	415.328384	67.2	0.000578	0.00033	0	21	5
47.246	470.962613	370.9	67.6	0.000809	0.00042	0	21	5.1
40.36795	472.107322	370.546857	67.7	0.000673	0.00036	0	21	5.1
43.21229	473.25203	370.1	67.7	0.000645	0.00034	0	21	5
41.61112	474.396739	374.091522	67.5	0.000652	0.00035	0	21	5
41.38484	477.187611	398.793235	67.2	0.000656	0.00035	0	21	5
40.28528	481.812581	370.1	66.9	0.000641	0.00033	0	21	4.9
42.88287	486.437551	369.890769	66.6	0.000687	0.00035	0	21	4.9
59.81194	491.062521	369.3	66.3	0.000938	0.00044	0	21	4.8
65.4379	493.86209	421.409974	66.2	0.001093	0.00051	0	21	4.8
69.00007	492.402391	369.590909	66.1	0.001174	0.00056	0	21	4.9
66.90823	490.942691	370.1	66.2	0.001071	0.00054	0	21	4.9
48.92072	489.482991	370.1	66.3	0.000788	0.00043	0	21	5
35.06559	488.023292	381.861789	66.8	0.000543	0.00032	0	21	5.1
35.76584	485.729483	392.859701	67.3	0.000538	0.00032	0	21	5.1
41.76924	482.814095	370.1	67.3	0.000651	0.00035	0	21	5.1
41.58846	479.898707	369.432537	67.7	0.000661	0.00035	0	21	5.1
36.10576	476.983319	370.1	67.7	0.000561	0.0003	0	21	5.1
34.50646	473.900232	410.15513	67.8	0.000521	0.0003	0	21	5.2
33.55242	455.739506	370.186564	67.9	0.000509	0.00029	0	21	5.2
24.69938	437.578781	370.649687	67.9	0.000366	0.00023	0	21	5.2
21.69427	419.418055	370.574737	67.9	0.00025	0.00019	0	21	5.3
20.62538	401.25733	370.249647	67.7	0.000213	0.00019	0	21	5.2
17.80669	383.641283	377.92375	67.1	0.000161	0.00017	0	21	5.2
18.07668	367.497885	370.1	66.6	0.000111	0.00015	0	21	5.3
17.53804	351.354487	369.546328	66.1	0.000076	0.00016	0	21	5.3
16.65449	335.211089	370.000675	65.2	0.000067	0.00018	0	21	5.2
21.73967	319.067691	356.348148	64.5	0.000066	0.00018	0	21	5.1
18.15184	308.916674	364.101427	63.8	0.000074	0.00016	0	21	5.1
15.22088	300.465677	370.024255	63.2	0.000077	0.00014	0	21	5
14.04929	292.01468	369.3	62.6	0.000064	0.00012	0	21	5
13.2166	283.563684	369.3	61.8	0.000046	0.00011	0	21	5.1
12.40824	275.112687	335.412991	61	0.000032	0.00011	0	21	5.1
12.008	282.02791	369.216865	60	0.000024	0.0001	0	21	5
14.83029	289.533528	368.6	58.6	0.000031	0.00015	0	21	5
24.16125	297.039146	368.6	57.2	0.000077	0.00021	0	21	4.9
28.97326	304.544764	369.282583	56.5	0.000151	0.00019	0	21	4.8
16.21475	302.889834	353.295117	56.3	0.000199	0.00015	0	21	4.7
12.31486	292.538632	370.1	56.3	0.000137	0.0001	0	21	4.7
11.00804	282.187431	370.1	56	0.000102	0.00009	0	21	4.7
10.63292	271.836229	370.032093	55.3	0.000072	0.00009	0	21	4.7
10.35512	261.485028	353.296294	54.3	0.000049	0.00008	0	21	4.7
10.13	254.300157	347.257638	53	0.000033	0.00008	0	21	4.6
11.0564	248.865619	369.3	51.7	0.000026	0.00008	0	21	4.5
10.79537	243.43108	368.710017	50.1	0.00002	0.00008	0	21	4.5
10.99218	237.996542	368.873841	47.2	0.000016	0.00008	0	21	4.5
10.84029	237.757581	303.864201	43.5	0.000014	0.00008	0	21	4.5
10.96202	259.525023	368.6	39.5	0.000013	0.00009	0	21	4.5
20.5293	281.292465	368.6	35.7	0.000033	0.00014	0	21	4.5
45.46792	303.059907	368.826721	33	0.000221	0.00032	0	21	4.4
78.22181	324.827349	358.100469	32	0.001046	0.00053	0	21	4.1
114.89982	347.631552	373.220185	31.9	0.001908	0.00086	0	21	4.5
113.35044	370.562586	375.873082	32.3	0.001725	0.00268	0	21	14.4
64.79773	393.493621	377.1	33.4	0.000749	0.00165	0	21	17.5
24.74746	416.424655	377.1	33.7	0.00043	0.00083	0	21	13.3
26.08372	427.595863	401.390662	36.4	0.000303	0.00042	0	21	8.9
14.05731	403.675	376.4	43.3	0.000168	0.00018	0	21	6.5
10.55734	379.754137	375.710561	43.3	0.000105	0.00012	0	21	5.9

299.445488	1	1.2412
321.852174	1	1.24158
293.156522	1	1.24202
264.46087	1	1.24242
235.765217	1	1.24277
207.069565	1	1.2431
191.190807	1	1.24352
191.624458	1	1.24388
192.058109	1	1.24422
192.491761	1	1.24457
192.925412	1	1.24492
213.937485	1	1.24525
239.224303	1	1.2456
264.511122	1	1.24604
289.79794	1	1.24655
292.675763	1	1.24711
277.730994	1	1.24765
262.786225	1	1.24808
247.841455	1	1.2484
232.896686	1	1.24872
212.791568	1	1.24907
192.357066	1	1.24942
171.922564	1	1.24972
151.488062	1	1.25002
132.242848	1	1.25031
115.895246	1	1.25054
99.547645	1	1.25073
83.200043	1	1.25092
66.852441	1	1.25109
66.45847	1	1.25124
74.960759	1	1.2514
83.463048	1	1.25158
91.965337	1	1.25176
99.084299	1	1.25192
82.435195	1	1.25206
65.786091	1	1.25218
49.136986	1	1.25229
32.487882	1	1.2524
30.518445	1	1.2525
61.223106	1	1.25265
91.927767	1	1.25286
122.632428	1	1.25305
153.337089	1	1.2532
137.055533	1	1.2533
107.752254	1	1.25339
78.448975	1	1.25348
49.145697	1	1.25356
19.842418	1	1.25364
15.57346	1	1.25372
13.993681	1	1.2538
12.413902	1	1.25388
10.834123	1	1.25396
63.883283	1	1.25405
178.042781	1	1.25419
292.202279	0	1.25451
406.361776	0	1.25504
490.045195	0	1.2559
425.98201	0	1.25858
361.918824	0	1.26023
297.855638	0	1.26106
233.792453	1	1.26148
184.015422	1	1.26166
143.257546	1	1.26178

14:12:28.506	189.6	0	1279
14:12:29.506	189.9	0	1214
14:12:30.506	190.2	0	1165
14:12:31.506	190.5	0.8	1273
14:12:32.506	190.9	66.7	1389
14:12:33.506	191.2	94.2	1514
14:12:34.506	191.5	88.6	1544
14:12:35.506	191.9	84.4	1587
14:12:36.506	192.2	67.2	1624
14:12:37.506	192.5	72	1643
14:12:38.506	192.9	53	1635
14:12:39.506	193.2	55.6	1616
14:12:40.506	193.5	71.3	1606
14:12:41.506	193.9	61.9	1597
14:12:42.506		60.8	1578
14:12:43.506		58.7	1583
14:12:44.506		48.9	1576
14:12:45.506		62.7	1562
14:12:46.506		87.5	1573
14:12:47.506		92.2	1603
14:12:48.506		93.8	1657
14:12:49.506		86.5	1743
14:12:50.506	195.7	69.7	1806
14:12:51.506	195.9	97.3	1895
14:12:52.506	196.1	78.1	2033
14:12:53.506	196.2	48.8	2064
14:12:54.506	196.4	27.5	1850
14:12:55.506	196.6	65.5	1760
14:12:56.506	196.8	82.8	1788
14:12:57.506	197	82.8	1823
14:12:58.506	197.2	84.8	1865
14:12:59.506	197.4	87.8	1921
14:13:00.506	197.6	79.2	1993
14:13:01.506	197.8	68.1	1929
14:13:02.506	198	62.6	1606
14:13:03.506	198.2	73.2	1470
14:13:04.506	198.4	75.9	1476
14:13:05.506	198.6	65.5	1483
14:13:06.506	198.8	67.3	1496
14:13:07.506	199	69	1508
14:13:08.506	199.2	85.6	1523
14:13:09.506	199.3	71.2	1539
14:13:10.506		48.1	1546
14:13:11.506		27.1	1542
14:13:12.506		26	1539
14:13:13.506		39	1529
14:13:14.506		12.8	1520
14:13:15.506		4.1	1509
14:13:16.506		23.8	1500
14:13:17.506	198.4	46.3	1490
14:13:18.506	198.3	74.2	1485
14:13:19.506	198.1	80.6	1491
14:13:20.506	198	84.2	1505
14:13:21.506	197.9	92.6	1513
14:13:22.506	197.8	93.2	1531
14:13:23.506	197.6	88.5	1548
14:13:24.506	197.5	88.3	1567
14:13:25.506	197.4	82.1	1594
14:13:26.506	197.2	85.2	1612
14:13:27.506	197.1	97	1627
14:13:28.506	197	88.4	1650
14:13:29.506	196.9	85.5	1671
14:13:30.506	196.7	78.6	1693

9.14001	355.833273	375.220095	43.4	0.000073	0.00009	0	21	5.4
7.95711	331.91241	362.166484	42.9	0.00005	0.00007	0	21	5.2
7.23895	328.890714	370.196749	41.2	0.000037	0.00007	0	21	5.2
10.71573	330.99621	372.367454	39	0.000033	0.00008	0	21	5.1
16.59584	333.101707	371.927052	36.4	0.000055	0.00017	0	21	5
38.66393	335.207203	371.822904	34.3	0.000223	0.00029	0	21	4.8
50.39565	341.028617	357.199486	33.2	0.000519	0.00036	0	21	4.6
48.70244	355.903591	372.4	32.9	0.00076	0.00037	0	21	4.5
41.88717	370.778564	371.982256	33.5	0.000689	0.00032	0	21	4.4
32.55067	385.653537	371.6	34.4	0.000503	0.00025	0	21	4.5
20.83907	400.52851	371.6	35.2	0.000389	0.0002	0	21	4.5
22.62239	403.510179	378.786462	35.5	0.000333	0.00018	0	21	4.4
32.79236	398.951649	370.399641	35.5	0.000389	0.00022	0	21	4.4
23.33972	394.393118	370.024776	35.2	0.000352	0.0002	0	21	4.4
24.24494	389.834587	369.3	35.1	0.000381	0.00021	0	21	4.4
35.56524	386.536814	376.387864	34.9	0.000433	0.00023	0	21	4.3
21.33529	395.534814	368.403492	34.6	0.000365	0.00019	0	21	4.3
26.40737	404.532815	367.429961	34.2	0.000427	0.00022	0	21	4.3
40.48	413.530815	367	34.2	0.000564	0.00028	0	21	4.3
49.57798	422.528816	369.480625	33.8	0.000814	0.00035	0	21	4.2
71.53138	442.859552	378.853125	34.1	0.001301	0.00053	0	21	4.2
84.30594	471.000688	364.775793	34.8	0.001414	0.00077	0	21	5.3
49.63726	499.141824	363.761235	35.9	0.000948	0.00111	0	21	10.9
105.1297	527.28296	362.754482	37.8	0.001673	0.00235	0	21	14.1
104.37707	555.424096	429.203624	39.4	0.001751	0.00547	0	21	29.5
61.95596	539.527506	362.3	41.4	0.000733	0.00366	0	21	38.4
22.65131	521.018509	362.3	44.2	0.000337	0.00166	0	21	30.6
33.57248	502.509512	361.917059	46.2	0.000372	0.00116	0	21	18.6
47.21602	484.000514	360.941736	46.6	0.000554	0.00075	0	21	10.4
44.63261	473.173427	406.657647	46.8	0.000669	0.00053	0	21	6.8
56.04473	482.497436	360.8	47.4	0.000902	0.00058	0	21	6.2
72.55842	491.821445	361.400894	48.2	0.001212	0.00065	0	21	5.5
77.17109	501.145455	362.3775	49.3	0.001309	0.00069	0	21	5.3
59.99214	510.469464	376.786419	50.9	0.000741	0.00045	0	21	5.3
30.14028	507.029473	395.766079	52.8	0.00038	0.00027	0	21	5.3
27.26996	493.437864	363.9	54.5	0.000369	0.00025	0	21	5.2
29.61838	479.846254	364.593553	55.4	0.00038	0.00023	0	21	5.2
22.49756	466.254645	364.6	56.2	0.000345	0.0002	0	21	5.1
23.29827	452.663035	391.272352	56.9	0.00037	0.00021	0	21	5.1
26.37163	446.638904	368.229167	57.4	0.000419	0.00025	0	21	5
38.29103	441.598118	364.6	57.9	0.000529	0.0003	0	21	5
33.40933	436.557331	365.4	58.3	0.000519	0.00027	0	21	4.9
21.57696	431.516545	365.829322	58.9	0.000347	0.00019	0	21	4.9
15.62022	425.160362	393.778057	59.5	0.000269	0.00017	0	21	5
18.95511	407.47153	366.1	59.8	0.000225	0.00017	0	21	5
18.8162	389.782699	366.1	59.7	0.000162	0.00016	0	21	5.1
16.48573	372.093867	366.848421	59.4	0.000138	0.00014	0	21	5
14.28578	354.405036	366.604993	59.2	0.00013	0.00015	0	21	4.9
20.71389	349.467234	359.464231	58.9	0.000131	0.00017	0	21	4.9
21.25845	359.68	366.649406	58.5	0.00014	0.00018	0	21	4.9
29.01785	369.892766	367.782533	58	0.00023	0.00023	0	21	4.8
35.16989	380.105532	368.6	57.7	0.000416	0.00027	0	21	4.6
34.79751	390.318298	376.854754	57.6	0.000521	0.00027	0	21	4.6
44.78938	414.222812	370.939892	57.6	0.000684	0.00031	0	21	4.5
49.11265	438.237744	371.852632	57.9	0.000888	0.00038	0	21	4.5
52.08249	462.252675	373.913878	58.4	0.000995	0.00041	0	21	4.5
62.13945	486.267607	375.891429	59	0.001206	0.0005	0	21	4.5
65.21846	507.839038	440.70425	59.7	0.001127	0.00048	0	21	4.5
53.74414	517.480438	379.177725	60.5	0.000951	0.00054	0	21	5.8
71.35949	527.121838	380.9	61.4	0.001106	0.00067	0	21	6.3
63.8035	536.763238	381.738306	62.3	0.001184	0.00071	0	21	6.4
69.77269	546.404638	383.388285	62.9	0.001218	0.00095	0	21	8.2
60.504	550.467078	429.072179	63.7	0.001037	0.00108	0	21	10.6

102.49967	1	1.26187
61.741793	1	1.26194
30.876106	1	1.26201
123.79646	1	1.26209
216.716814	1	1.26226
309.637168	1	1.26255
402.557522	1	1.26291
404.124306	1	1.26328
332.146519	1	1.2636
260.168731	1	1.26385
188.190944	1	1.26405
116.213157	1	1.26423
106.804045	1	1.26445
106.579326	1	1.26465
106.354607	1	1.26486
106.129888	1	1.26509
120.149901	1	1.26528
153.680473	1	1.2655
187.211045	1	1.26578
220.741617	1	1.26613
254.272189	1	1.26666
443.555191	1	1.26743
658.404074	1	1.26854
873.252957	1	1.27089
1088.10184	1	1.27636
1181.387395	1	1.28002
981.344375	1	1.28168
781.301355	1	1.28284
581.258335	1	1.28359
381.215315	1	1.28412
301.2881	1	1.2847
287.760304	1	1.28535
274.232509	1	1.28604
260.704714	1	1.28649
247.176918	1	1.28676
218.495397	1	1.28701
188.369874	1	1.28724
158.244351	1	1.28744
128.118828	1	1.28765
101.832423	1	1.2879
100.572449	1	1.2882
99.312474	1	1.28847
98.052499	1	1.28866
96.792524	1	1.28883
94.487014	1	1.289
90.408886	1	1.28916
86.330758	1	1.2893
82.252629	1	1.28945
78.174501	1	1.28962
99.575219	1	1.2898
131.281988	1	1.29003
162.988756	1	1.2903
194.695525	1	1.29057
245.104772	1	1.29088
347.386929	1	1.29126
449.669087	1	1.29167
551.951245	1	1.29217
654.233402	1	1.29265
717.601806	1	1.29319
732.437325	1	1.29386
747.272845	1	1.29457
762.108364	1	1.29552
776.943883	1	1.2966

14:13:31.506	196.6	82.1	1706
14:13:32.506	196.5	81	1725
14:13:33.506	196.3	76.8	1746
14:13:34.506	196.2	78	1764
14:13:35.506	196.1	77.9	1780
14:13:36.506	195.9	76.9	1800
14:13:37.506	195.8	77.4	1815
14:13:38.506		75.7	1831
14:13:39.506		81.4	1845
14:13:40.506		83.4	1853
14:13:41.506		83.7	1866
14:13:42.506		82.3	1873
14:13:43.506		80.6	1885
14:13:44.506		74.8	1896
14:13:45.506	194.3	75	1900
14:13:46.506	194.1	75.1	1905
14:13:47.506	193.9	75.2	1903
14:13:48.506	193.7	79.7	1905
14:13:49.506	193.5	83.2	1903
14:13:50.506	193.3	83.5	1906
14:13:51.506	193.1	80.9	1910
14:13:52.506	192.9	72.5	1910
14:13:53.506	192.7	66.2	1907
14:13:54.506	192.5	63.9	1904
14:13:55.506	192.3	52.6	1891
14:13:56.506	192.1	44.7	1871
14:13:57.506	191.9	55.6	1856
14:13:58.506	191.7	59.6	1842
14:13:59.506	191.5	78.1	1834
14:14:00.506	191.4	87	1832
14:14:01.506	191.2	81.6	1832
14:14:02.506	191	78.6	1837
14:14:03.506	190.8	75.3	1838
14:14:04.506	190.6	72.5	1838
14:14:05.506		80	1834
14:14:06.506		88.3	1832
14:14:07.506		81.1	1831
14:14:08.506		64.6	1831
14:14:09.506		69.7	1827
14:14:10.506		75.7	1821
14:14:11.506		79.5	1816
14:14:12.506		76.1	1815
14:14:13.506	190.9	72.6	1807
14:14:14.506	191	73.8	1802
14:14:15.506	191.1	67.8	1800
14:14:16.506	191.1	69.2	1800
14:14:17.506	191.2	70.2	1798
14:14:18.506	191.2	71.7	1799
14:14:19.506	191.3	77.1	1804
14:14:20.506	191.4	80.3	1811
14:14:21.506	191.4	76.5	1821
14:14:22.506	191.5	77.4	1833
14:14:23.506	191.6	78.7	1839
14:14:24.506	191.6	78.9	1848
14:14:25.506	191.7	78.4	1856
14:14:26.506	191.8	77.6	1865
14:14:27.506	191.8	79	1871
14:14:28.506	191.9	74.7	1877
14:14:29.506	192	75.6	1883
14:14:30.506	192	81.3	1885
14:14:31.506	192.1	80.6	1892
14:14:32.506	192.2	75.9	1896
14:14:33.506		66.5	1895

60.27925	549.233312	384.649352	64.5	0.001029	0.0011	0	21	10.7
78.49316	547.999545	384.9	65.4	0.001249	0.00141	0	21	11.3
66.69553	546.765779	385.7	66	0.001138	0.00152	0	21	13.2
68.82	545.532013	436.101934	66.7	0.001121	0.00171	0	21	15
69.50962	544.860888	386.438257	67.5	0.001167	0.00178	0	21	15
69.82095	544.25718	387.323994	68.2	0.001158	0.00183	0	21	15.5
69.42101	543.653471	388	68.9	0.001126	0.00178	0	21	15.5
62.05834	543.049763	388.554064	69.5	0.00106	0.00155	0	21	14.4
58.83436	542.452947	456.836328	70.2	0.000989	0.00126	0	21	12.6
61.91514	541.876271	390.152721	70.8	0.00103	0.00099	0	21	9.7
62.23756	541.299594	391.1	71.2	0.001051	0.00084	0	21	8.2
61.62609	540.722918	391.891691	71.7	0.00105	0.0007	0	21	6.8
60.12748	540.146241	406.828659	72.1	0.001014	0.00064	0	21	6.3
53.00781	536.006538	424.335	72.6	0.00091	0.00058	0	21	6.1
49.9338	529.211667	394.872642	73.1	0.000818	0.00053	0	21	6
46.51549	522.416795	395.7	73.4	0.000716	0.00047	0	21	5.9
41.43926	515.621923	396.088254	73.5	0.000646	0.00041	0	21	5.8
42.33972	508.827051	431.676042	73.6	0.000669	0.00041	0	21	5.8
46.59237	506.545991	400.226594	73.6	0.00074	0.00043	0	21	5.7
50.57478	504.80578	397.4	73.6	0.000837	0.00047	0	21	5.6
52.91753	503.065569	397.4	73.6	0.000872	0.00049	0	21	5.5
46.93474	501.325357	397.850116	73.7	0.000758	0.00042	0	21	5.1
41.81669	498.7188	441.989959	73.8	0.000645	0.00036	0	21	5
36.6551	483.852133	399.091932	73.9	0.000517	0.0003	0	21	5
29.09184	468.985467	399.35988	73.9	0.00043	0.00026	0	21	5
27.80719	454.1188	398.9	73.7	0.000348	0.00025	0	21	5
28.78984	439.252133	399.587401	73.2	0.000318	0.00024	0	21	5
31.35719	439.190323	406.06237	72.5	0.000357	0.00026	0	21	4.9
40.6831	450.480645	399.5025	71.9	0.000518	0.00032	0	21	4.9
50.45418	461.770968	399.7	71.5	0.000748	0.00039	0	21	4.8
54.93019	473.06129	400.446793	71	0.000884	0.00043	0	21	4.8
54.92904	484.351613	432.062936	70.9	0.000908	0.00044	0	21	4.8
52.04251	487.491176	401.536066	70.9	0.000865	0.00043	0	21	4.7
46.79532	490.447388	402.590469	71	0.000744	0.00038	0	21	4.7
45.14189	493.403601	402.773373	71.1	0.000703	0.00036	0	21	4.7
51.81592	496.359813	405.876839	71.1	0.000836	0.0004	0	21	4.7
53.63496	495.905889	429.298113	71	0.000891	0.00042	0	21	4.7
44.76758	491.742817	403.8	70.9	0.000744	0.00038	0	21	4.7
37.61218	487.579745	403.8	70.9	0.000564	0.00031	0	21	4.7
36.15298	483.416674	403.8	70.9	0.000539	0.00029	0	21	4.7
37.85463	479.253602	425.487027	70.8	0.000585	0.0003	0	21	4.7
37.6567	475.878901	403.8	70.6	0.000584	0.00029	0	21	4.7
37.6139	472.651026	403.8	70.3	0.000618	0.0003	0	21	4.6
39.37326	469.423151	403.8	70.1	0.000616	0.0003	0	21	4.6
34.50063	466.195276	403.8	70	0.000538	0.00027	0	21	4.6
31.74675	463.401831	433.474412	69.8	0.000488	0.00025	0	21	4.6
33.665	462.806865	403.152	69.7	0.000485	0.00025	0	21	4.5
35.10761	462.211899	402.665127	69.7	0.000523	0.00026	0	21	4.5
38.00633	461.616934	402.216569	69.6	0.000589	0.00029	0	21	4.5
43.37809	461.021968	415.251014	69.6	0.000691	0.00032	0	21	4.4
43.06795	462.90338	408.029785	69.8	0.000719	0.00032	0	21	4.3
43.44549	465.423356	402.1	70.2	0.000711	0.00032	0	21	4.3
44.09272	467.943331	402.1	70.4	0.000707	0.00031	0	21	4.2
44.22787	470.463307	402.461318	70.8	0.000711	0.00031	0	21	4.1
44.79627	472.983282	425.939726	71.1	0.000728	0.00031	0	21	4.1
44.43277	473.554875	403.285	71.4	0.000755	0.00032	0	21	4.1
48.21719	473.943141	402.780406	71.8	0.000795	0.00034	0	21	4.1
46.06732	474.331406	402.1	72.1	0.000749	0.00033	0	21	4.1
43.34975	474.719672	402.1	72.5	0.000688	0.00031	0	21	4.1
47.41534	474.463181	432.778005	72.6	0.000749	0.00033	0	21	4.1
51.55554	472.532176	401.3	72.7	0.000845	0.00036	0	21	4.2
47.87924	470.601172	401.3	72.9	0.000754	0.00034	0	21	4.2
39.71343	468.670167	401.3	73.2	0.000628	0.0003	0	21	4.2

756.965275	1	1.2977
727.954286	1	1.29911
698.943297	1	1.30063
669.932308	1	1.30234
628.153357	1	1.30412
546.814658	1	1.30595
465.475958	1	1.30773
384.137259	1	1.30928
302.79856	1	1.31054
253.653696	1	1.31153
233.871087	1	1.31237
214.088478	1	1.31307
194.30587	1	1.31371
174.523261	1	1.31429
170.281868	1	1.31482
167.336979	1	1.31529
164.392091	1	1.3157
161.447202	1	1.31611
158.50116	1	1.31654
155.549441	1	1.31701
152.597723	1	1.3175
149.646005	1	1.31792
146.694286	1	1.31828
142.161892	1	1.31858
135.499667	1	1.31884
128.837442	1	1.31909
122.175217	1	1.31933
115.512991	1	1.31959
126.437174	1	1.31991
138.828478	1	1.3203
151.219783	1	1.32073
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173.223212	1	1.3216
177.010247	1	1.32198
180.797282	1	1.32234
184.584317	1	1.32274
188.371352	1	1.32316
178.71039	1	1.32354
166.372727	1	1.32385
154.035065	1	1.32414
141.697403	1	1.32444
130.536439	1	1.32473
123.697371	1	1.32503
116.858303	1	1.32533
110.019235	1	1.3256
103.180167	1	1.32585
99.046771	1	1.3261
97.265033	1	1.32636
95.483296	1	1.32665
93.701559	1	1.32697
92.397086	1	1.32729
101.221219	1	1.32761
110.045352	1	1.32792
118.869485	1	1.32823
127.693618	1	1.32854
135.297449	1	1.32886
137.026805	1	1.3292
138.756161	1	1.32953
140.485517	1	1.32984
142.214872	1	1.33017
140.94646	1	1.33053
137.185398	1	1.33087
133.424336	1	1.33117

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14:14:40.506		71.4	1866
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14:14:43.506	192.2	84.4	1858
14:14:44.506	192.2	86.1	1868
14:14:45.506	192.2	84.3	1876
14:14:46.506	192.2	80.7	1891
14:14:47.506	192.2	77.3	1895
14:14:48.506	192.2	84.4	1903
14:14:49.506	192.2	87.5	1914
14:14:50.506	192.2	78.4	1920
14:14:51.506	192.2	61.3	1922
14:14:52.506	192.2	73.4	1918
14:14:53.506	192.2	45.8	1908
14:14:54.506	192.2	0.3	1887
14:14:55.506	192.2	19.9	1865
14:14:56.506	192.2	49.9	1853
14:14:57.506	192.2	54.5	1845
14:14:58.506	192.2	54.2	1833
14:14:59.506	192.2	70.6	1824
14:15:00.506	192.2	73.3	1822
14:15:01.506		77.4	1822
14:15:02.506		75.4	1823
14:15:03.506		71	1823
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14:15:05.506		69.3	1818
14:15:06.506		61.6	1816
14:15:07.506		66	1815
14:15:08.506		73	1814
14:15:09.506	191.1	73.9	1815
14:15:10.506	191	68.5	1813
14:15:11.506	190.8	60	1808
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14:15:13.506	190.6	46.8	1792
14:15:14.506	190.5	49.2	1784
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14:15:17.506	190.1	37.9	1769
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14:15:19.506	189.8	16.2	1746
14:15:20.506	189.7	35.3	1731
14:15:21.506	189.6	55.7	1726
14:15:22.506	189.4	72.3	1720
14:15:23.506	189.3	73.8	1720
14:15:24.506	189.2	41.2	1716
14:15:25.506	189.1	31.3	1706
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14:15:29.506		84	1694
14:15:30.506		87.9	1705
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14:15:34.506		78.1	1747
14:15:35.506		78.6	1750
14:15:36.506		78.4	1752

36.82596	466.739163	411.983243	73.3	0.000519	0.00025	0	21	4.2
33.97387	463.673876	409.685882	73.4	0.000491	0.00024	0	21	4.2
34.99322	460.047383	400.523557	73.3	0.000501	0.00024	0	21	4.2
35.69096	456.42089	399.7	73.1	0.000516	0.00025	0	21	4.2
40.04772	452.794397	399.7	72.9	0.000574	0.00027	0	21	4.2
38.10617	449.650423	421.326216	72.7	0.000582	0.00028	0	21	4.2
38.62547	453.563283	399.499574	72.6	0.000578	0.00028	0	21	4.2
41.56796	457.476142	399.254098	72.4	0.000623	0.00029	0	21	4.2
40.07489	461.389002	399.7	72.3	0.000652	0.00029	0	21	4.1
48.62682	465.301861	398.971949	72.1	0.000803	0.00034	0	21	4.1
65.85335	470.598993	424.96136	72	0.000958	0.00039	0	21	4.1
64.3035	478.631711	398.9	72	0.000969	0.00039	0	21	4
58.76171	486.66443	399.445785	72.3	0.000951	0.00039	0	21	4
58.67465	494.697148	399.7	72.6	0.001002	0.00041	0	21	4.1
60.95679	502.729866	408.17284	72.9	0.001036	0.00043	0	21	4.1
65.52131	502.044487	420.90208	73.3	0.001077	0.00044	0	21	4.1
57.09869	494.728442	398.9	73.6	0.00099	0.00043	0	21	4.1
42.09907	487.412397	398.834286	74	0.000642	0.00031	0	21	4.2
36.74008	480.096353	398.2	74.3	0.000543	0.00027	0	21	4.2
31.05326	472.780308	418.231377	74.4	0.00043	0.00023	0	21	4.3
23.23576	454.908882	397.679895	74.2	0.000258	0.00017	0	21	4.3
23.01407	434.798435	396.6	73.9	0.000159	0.00018	0.00001	21	4.4
28.21993	414.687989	396.6	73.2	0.000148	0.00019	0.00003	21	4.4
27.76603	394.577543	396.127273	72.3	0.00021	0.0002	0.00004	21	4.3
27.09239	388.46472	392.555523	71.7	0.000264	0.0002	0.00004	21	4.3
34.88514	397.576869	395.185463	71.4	0.000366	0.00024	0.00005	21	4.2
38.24846	406.689019	395	70.9	0.000504	0.00028	0.00003	21	4.2
39.5361	415.801168	395	70.5	0.000581	0.00028	0.00001	21	4.1
37.00804	424.913318	402.561644	70.4	0.000538	0.00025	0	21	4.2
33.70951	426.077519	397.871665	70.4	0.000537	0.00025	0	21	4.2
36.92518	424.881045	394.2	70.5	0.000549	0.00026	0	21	4.3
35.06048	423.684572	394.774282	70.5	0.000514	0.00024	0	21	4.3
30.6899	422.488098	393.837913	70.4	0.000467	0.00023	0	21	4.2
30.51343	421.292442	404.280031	70.4	0.000445	0.00023	0	21	4.3
35.7458	420.212762	393.4	70.3	0.000507	0.00025	0.00002	21	4.3
36.81592	419.133081	393.4	70.2	0.000535	0.00026	0	21	4.2
34.6766	418.053401	392.984176	70.1	0.000519	0.00025	0.00001	21	4.2
30.61113	416.973721	392.7	70.2	0.000465	0.00023	0	21	4.3
27.97946	414.304264	401.024138	70.2	0.000406	0.00022	0	21	4.3
27.18436	408.996454	391.9	70	0.000358	0.00021	0	21	4.3
30.21469	403.688645	391.9	69.8	0.000335	0.00021	0	21	4.3
30.0889	398.380835	391.798216	69.4	0.000354	0.00022	0	21	4.3
28.8345	393.073026	391.261212	69.1	0.000365	0.00022	0	21	4.3
27.15065	380.291503	390.644288	68.9	0.000339	0.00021	0	21	4.3
23.95838	365.38971	390.4	68.8	0.000256	0.00019	0	21	4.4
19.80338	350.487916	390.153425	68.6	0.000161	0.00016	0	21	4.4
20.0686	335.586123	389.6	68.1	0.000122	0.00015	0	21	4.5
31.86714	322.680013	358.861538	67.6	0.00018	0.0002	0	21	4.5
33.82628	328.785411	388.7	67.1	0.00031	0.00024	0	21	4.4
36.01025	334.89081	388.7	66.6	0.000456	0.00027	0	21	4.3
27.16421	340.996208	388.15187	66.5	0.000441	0.00023	0	21	4.3
16.7393	347.101607	388	66.6	0.000264	0.00015	0	21	4.3
24.34622	357.148799	376.156958	66.5	0.000268	0.00019	0	21	4.4
29.19206	372.485564	387.2	66.1	0.000306	0.00021	0	21	4.3
34.73553	387.822329	386.437403	65.6	0.000431	0.00025	0	21	4.3
43.42484	403.159095	386.4	65.3	0.000672	0.00033	0	21	4.3
58.32645	418.49586	394.384884	65.3	0.000938	0.0004	0	21	4.3
60.73827	427.957733	388.347758	65.5	0.001062	0.00043	0	21	4.2
52.18588	435.614901	386.4	65.9	0.000939	0.0004	0	21	4.3
41.67226	443.272069	385.272769	66.6	0.000695	0.00032	0	21	4.4
35.89833	450.929236	385.137391	67.2	0.000573	0.00027	0	21	4.4
37.39031	457.240735	420.504104	67.6	0.00059	0.00027	0	21	4.3
38.03335	456.887964	383.121406	67.6	0.000614	0.00028	0	21	4.3

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116.84128	1	1.3319
107.914653	1	1.33215
98.988025	1	1.33242
90.061398	1	1.3327
89.47805	1	1.33298
99.819966	1	1.33327
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120.503799	1	1.3339
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137.933138	1	1.33468
143.592329	1	1.33507
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154.910711	1	1.33591
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136.127041	1	1.34009
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73.884142	1	1.34178
73.236893	1	1.342
77.264266	1	1.34221
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247.03089	1	1.34647
231.150968	1	1.34687
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199.391125	1	1.34746
183.511203	1	1.34773
170.203984	1	1.34801

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14:15:39.506	192	75.1	1751
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14:16:04.506	197.1	82.8	1699
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14:16:21.506	196	83.2	1727
14:16:22.506	195.9	83.6	1727
14:16:23.506	195.9	83.7	1728
14:16:24.506		79.1	1722
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14:16:27.506		82.3	1709
14:16:28.506		81.6	1710
14:16:29.506		82	1711
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14:16:31.506		80.8	1716
14:16:32.506		82.3	1716
14:16:33.506	195.2	81.9	1715
14:16:34.506	195.2	81.2	1717
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14:16:37.506	195	80.5	1708
14:16:38.506	194.9	76.1	1698
14:16:39.506	194.8	82.9	1689

38.76586	456.535194	382.6	67.7	0.000636	0.00028	0	21	4.3
44.64878	456.182424	381.952632	67.8	0.000734	0.00031	0	21	4.3
40.36646	455.829653	380.979638	67.8	0.000621	0.00027	0	21	4.2
28.68296	456.585921	407.597932	67.8	0.00048	0.00023	0	21	4.2
34.47836	459.41091	379.651552	67.8	0.00048	0.00024	0	21	4.3
40.38426	462.235898	379.294925	67.6	0.000607	0.00029	0	21	4.2
46.15071	465.060887	378.285376	67.1	0.00074	0.00031	0	21	4.2
50.15067	467.885875	410.82708	67	0.000831	0.00035	0	21	4.2
34.18206	470.542536	376.4	67	0.000609	0.00028	0	21	4.2
37.87983	473.198351	376.167775	67	0.000607	0.00028	0	21	4.2
46.86361	475.854166	375.6	66.8	0.000749	0.00032	0	21	4.2
51.19487	478.509981	375.6	66.6	0.000833	0.00034	0	21	4.2
46.59962	479.921263	416.377022	66.5	0.000807	0.00034	0	21	4.2
40.63915	478.759491	374.482491	66.5	0.000656	0.0003	0	21	4.2
40.88596	477.59772	374.1	66.5	0.000632	0.00029	0	21	4.2
41.24	476.435949	373.2	66.5	0.000661	0.00029	0	21	4.2
41.70814	475.274178	391.761588	66.4	0.000681	0.0003	0	21	4.2
42.59624	472.928307	378.722874	66.3	0.000689	0.0003	0	21	4.2
40.54572	470.216667	373.2	66.2	0.000677	0.00029	0	21	4.1
39.57372	467.505026	373.2	66	0.000638	0.00028	0	21	4.1
36.18874	464.793386	373.2	65.9	0.000578	0.00026	0	21	4.1
34.35885	464.17329	413.494656	65.7	0.000541	0.00024	0	21	4.1
39.89687	470.635087	373.2	65.5	0.000639	0.00028	0	21	4.1
45.40901	477.096885	373.715938	65.1	0.000736	0.0003	0	21	4.1
55.30438	483.558682	374.1	65	0.000885	0.00036	0	21	4.2
54.48016	490.02048	378.567078	64.9	0.000937	0.00038	0	21	4.2
55.59798	495.071729	406.67392	65	0.00098	0.00039	0	21	4.1
48.83651	498.576402	376.150373	65.1	0.000901	0.00036	0	21	4.1
48.54197	502.081075	376.455336	65	0.000864	0.00035	0	21	4.1
54.57755	505.585748	378.100319	65.1	0.000929	0.00038	0	21	4.1
58.66212	509.090421	408.614434	65.7	0.000977	0.00039	0	21	4.1
51.41744	511.147297	386.969157	66.2	0.000942	0.00038	0	21	4.1
53.69333	512.769269	380.209278	66.4	0.00092	0.00037	0	21	4.1
54.47429	514.391241	381.283721	66.6	0.000912	0.00037	0	21	4.1
57.82129	516.013214	381.8	66.8	0.00096	0.00038	0	21	4.1
57.99346	516.768721	448.88278	66.9	0.00097	0.00039	0	21	4.1
56.35365	512.41507	383.4	67	0.000967	0.00038	0	21	4.1
48.30185	508.06142	383.870707	67.1	0.000863	0.00036	0	21	4.1
43.46894	503.70777	384.191911	67.2	0.000718	0.00032	0	21	4.1
42.16993	499.354119	403.631394	67.3	0.000678	0.0003	0	21	4.1
55.04255	502.330348	399.906531	67.2	0.000864	0.00036	0	21	4.1
58.44134	508.982522	384.967	66.9	0.001014	0.0004	0	21	4.1
61.01553	515.634696	385.939309	66.7	0.001036	0.00041	0	21	4
59.72412	522.28687	386.4	66.6	0.001028	0.0004	0	21	4
59.09339	528.460998	448.551712	66.6	0.001016	0.0004	0	21	4
60.20287	527.870059	387.393397	66.7	0.001019	0.0004	0	21	4
61.05307	527.27912	388	66.7	0.001038	0.0004	0	21	3.9
55.4477	526.688181	388.626588	66.7	0.000929	0.00036	0	21	3.9
47.5456	526.097242	388.7	66.7	0.00084	0.00033	0	21	3.9
52.74339	527.425653	428.377175	66.6	0.000911	0.00035	0	21	3.9
58.89403	530.696585	389.68698	66.4	0.001027	0.00039	0	21	3.9
61.785	533.967517	389.777436	66.2	0.001071	0.00041	0	21	3.9
62.1541	537.238449	390.434963	66.1	0.001083	0.00042	0	21	3.9
62.02776	540.509381	403.716667	66.1	0.001065	0.00041	0	21	3.9
60.39037	542.313462	415.051114	66.2	0.001025	0.0004	0	21	3.9
64.12243	543.278025	392.7	66.2	0.001078	0.00042	0	21	3.9
64.50273	544.242588	393.464781	66.3	0.001075	0.00042	0	21	3.9
60.25546	545.20715	394.468868	66.3	0.001044	0.00042	0	21	4
59.00221	546.171713	439.985294	66.3	0.00097	0.00039	0	21	4
47.47573	542.948842	395.726157	66.4	0.000847	0.00034	0	21	4
46.33837	539.083609	396.701818	66.4	0.000794	0.00032	0	21	3.9
43.55943	535.218375	397.4	66.2	0.00072	0.00029	0	21	3.9
43.82677	531.353142	397.870538	66	0.000754	0.0003	0	21	3.9

159.205852	1	1.34829
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137.209587	1	1.34887
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136.554054	1	1.34934
155.698198	1	1.34963
174.842342	1	1.34994
193.986486	1	1.35029
208.860445	1	1.35057
212.071062	1	1.35085
215.281678	1	1.35117
218.492295	1	1.35151
221.702911	1	1.35185
220.065354	1	1.35215
215.14145	1	1.35244
210.217547	1	1.35273
205.293644	1	1.35303
199.559258	1	1.35333
188.303465	1	1.35362
177.047672	1	1.3539
165.791878	1	1.35416
154.536085	1	1.3544
159.679722	1	1.35468
175.893662	1	1.35498
192.107602	1	1.35534
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224.535481	1	1.35611
233.109769	1	1.35647
240.314685	1	1.35682
247.519602	1	1.3572
254.724518	1	1.35759
259.93411	1	1.35797
251.671398	1	1.35834
243.408686	1	1.35871
235.145975	1	1.35909
226.883263	1	1.35948
221.813327	1	1.35986
221.356915	1	1.36022
220.900502	1	1.36054
220.444089	1	1.36084
220.39913	1	1.3612
235.181739	1	1.3616
249.964348	1	1.36201
264.746957	1	1.36241
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282.704725	1	1.36321
270.303613	1	1.36361
257.902502	1	1.36397
245.50139	1	1.3643
233.100278	1	1.36465
251.942749	1	1.36504
281.199747	1	1.36545
310.456746	1	1.36587
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368.970743	1	1.36668
366.696709	1	1.3671
364.391113	1	1.36752
362.085517	1	1.36794
359.77992	1	1.36833
358.236025	1	1.36867
359.271222	1	1.36899
360.306418	1	1.36928
361.341615	1	1.36958

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14:16:42.506	194.6	77.1	1713
14:16:43.506	194.6	71.3	1723
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14:16:50.506	194.1	87.9	1755
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14:17:00.506		81.3	1785
14:17:01.506	191.7	78.5	1786
14:17:02.506	191.5	85.8	1790
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14:17:04.506	191	68.9	1797
14:17:05.506	190.7	68.9	1795
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14:17:07.506	190.2	84.3	1796
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14:17:09.506	189.7	42.3	1786
14:17:10.506	189.4	65.6	1777
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14:17:13.506	188.6	74	1771
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14:17:33.506	188.5	0	1687
14:17:34.506	188.6	0	1655
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14:17:36.506	188.9	19.1	1614
14:17:37.506	189	4.2	1588
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68.46287	527.719134	451.497597	65.7	0.001082	0.00041	0	21	3.9
73.2674	531.827219	399.054812	65.4	0.001249	0.00048	0	21	3.9
73.41447	535.935303	399.937922	65.3	0.001227	0.00048	0	21	3.9
62.31134	540.043388	401.06319	65.6	0.001023	0.00042	0	21	3.9
52.95265	544.151472	402.837143	66.1	0.000886	0.00037	0	20.4	4
49.23339	542.962331	446.064639	66.6	0.000798	0.00034	0	20.6	4.1
37.69228	535.965121	403.8	67.1	0.000583	0.00026	0	21	4.1
29.38843	528.967912	403.8	67.3	0.00048	0.00023	0	21	4.1
36.40947	521.970702	404.7	67.3	0.000571	0.00026	0	21	4.1
53.42051	514.973492	430.480431	67.2	0.000884	0.00036	0	21	4.1
59.00053	514.198998	407.313656	67.2	0.000971	0.00039	0	21	4.1
56.75152	514.80902	405.897372	67.4	0.000982	0.00038	0	20.4	4
53.23066	515.419041	408	67.8	0.000911	0.00036	0	20	4
47.96763	516.029063	408.526829	68.3	0.000798	0.00033	0	20	4
37.85138	515.364603	457.273025	68.8	0.000604	0.00027	0	20	4
40.42948	510.384791	409.222964	69.1	0.00063	0.00028	0	20	4
45.37387	505.40498	409.6	69.3	0.000714	0.0003	0	20	4
40.07275	500.425168	410.4	69.3	0.000616	0.00026	0	20	4
33.62359	495.445357	430.127838	69.3	0.000516	0.00023	0	20	4
39.37823	496.298909	414.28194	69.4	0.000613	0.00027	0	20	3.9
46.24838	498.894895	411.2	69.3	0.000726	0.0003	0	20	3.9
46.2376	501.490881	411.592395	69.1	0.000747	0.0003	0	20	3.9
49.43173	504.086867	412.704358	69	0.000788	0.00031	0	20	3.9
54.18346	505.855906	458.394595	69.1	0.000884	0.00035	0	20	3.9
43.52297	504.005936	413.8	69.3	0.00074	0.00031	0	20	3.9
37.64294	502.155967	414.123038	69.5	0.000582	0.00026	0	20.6	4
34.98869	500.305997	414.6	69.6	0.000555	0.00025	0	21	4
46.11812	498.456028	415.253079	69.6	0.000723	0.0003	0	21	3.9
43.91645	494.921364	450.201324	69.5	0.000664	0.00028	0	21	3.9
27.705	486.76168	415.4	69.5	0.000426	0.00021	0	21	4
33.19515	478.601996	416.025641	69.5	0.000387	0.00021	0	21	4
35.13204	470.442312	415.4	69.2	0.000458	0.00024	0	21	4
37.36614	462.282628	422.017868	68.8	0.000507	0.00024	0	21	4
34.45599	455.715568	422.997092	68.7	0.00048	0.00025	0	21	4.6
27.45495	449.805354	416.3	68.6	0.000431	0.00025	0	21	4.9
31.74246	443.89514	417.070526	68.5	0.000413	0.00023	0	21	4.7
28.75686	437.984926	416.55283	68.3	0.000404	0.00022	0	21	4.3
36.53074	432.074712	420.915574	67.9	0.000445	0.00023	0	21	4.2
33.54848	434.582723	417.958608	67.6	0.000473	0.00023	0	21	4.1
34.177	438.553054	417.1	67.2	0.000484	0.00023	0	21	4.1
32.56463	442.523386	416.66652	67	0.00049	0.00023	0	21	4.1
43.19768	446.493717	416.949057	66.8	0.000621	0.00027	0	21	4
45.40259	448.941096	430.681222	66.6	0.000728	0.00031	0	21	4
47.58084	447.228767	417.469429	66.5	0.000788	0.00032	0	21	4
47.99775	445.516438	417.9	66.5	0.000724	0.0003	0	20.4	4
26.33787	443.80411	417.947632	66.5	0.000458	0.00021	0	20.6	4
27.72232	442.091781	426.929641	66.5	0.000389	0.0002	0	21	4
39.51947	450.653885	417.622793	66.5	0.000517	0.00024	0	21	3.9
46.39897	460.511863	417.1	66.2	0.000697	0.00029	0	21	3.9
53.17906	470.369841	417.436573	65.9	0.000865	0.00033	0	20.4	3.8
57.27619	480.22782	417.9	66	0.000976	0.00037	0	20.6	3.8
41.56949	486.373317	450.104308	66.2	0.000677	0.00028	0	21	3.9
26.08178	459.106492	417.1	66.4	0.000368	0.00018	0	21	3.9
20.21589	431.839667	416.762404	66.6	0.000203	0.00013	0	21	4
16.86273	404.572841	415.64934	66.3	0.000118	0.00011	0	21	4.1
16.39018	377.306016	412.942123	65.3	0.000082	0.00012	0	21	4.1
21.11609	356.741973	400.345858	64.1	0.000065	0.00014	0	21	4.2
17.4816	343.46843	413.264681	63.2	0.000059	0.00013	0	21	4.2
14.50874	330.194888	413	62.3	0.000053	0.00011	0	21	4.2
12.96574	316.921345	412.518987	61.4	0.000041	0.00009	0	21	4.2
12.23589	304.185	370.523565	60.2	0.000032	0.00009	0	21	4.2
11.62511	319.185	411.1425	58.8	0.000024	0.00008	0	21	4.2
13.36205	334.185	410.143529	57.7	0.000034	0.00012	0	21	4.2

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272.709798	1	1.37283
246.567443	1	1.37319
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200.371422	1	1.37492
190.357399	1	1.3752
177.57713	1	1.3755
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153.924032	1	1.37892
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116.243722	1	1.38259
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126.557623	1	1.3831
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229.050604	1	1.38453
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256.301168	1	1.38499
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143.500991	1	1.38523
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22.454545	1	1.38562
24.211243	1	1.38573
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27.724638	1	1.38591
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142.027382	1	1.38611

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14:18:10.506	193.3	40.5	1350
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14:18:38.506	194	35.2	680
14:18:39.506	194	34.9	679
14:18:40.506	194	34.9	680
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14:18:45.506		34.6	679

30.14409	349.185	409.251579	56.8	0.000129	0.00022	0	21	4.1
47.03369	364.185	409.6	56	0.000468	0.00028	0	21	3.9
55.84875	382.060787	396.65512	55.5	0.000856	0.00035	0	21	3.8
62.22455	405.543933	410.4	55.7	0.001038	0.00038	0	21	3.7
54.75872	429.027079	410.4	56.2	0.000906	0.00034	0	21	3.7
38.68505	452.510225	409.175467	57.1	0.000653	0.00026	0	21	3.8
35.23175	475.993371	429.957945	57.8	0.000601	0.00023	0	21	3.7
32.99075	461.183341	408	58.3	0.000567	0.00021	0	21	3.7
23.01814	441.592048	407.906726	58.6	0.000422	0.00016	0	21	3.7
17.31618	422.000755	407.2	58.7	0.000282	0.00012	0	21	3.7
12.79282	402.409462	406.357766	58.6	0.000155	0.00009	0	21	3.9
11.89379	394.477494	399.983882	58	0.0001	0.00008	0	21	4
21.38695	405.013653	404.1975	57.2	0.000119	0.00016	0	21	4
43.5609	415.549813	403.8	56.4	0.000258	0.00021	0	21	3.9
46.91156	426.085973	402.9	55.7	0.000598	0.00029	0	21	3.8
40.28175	436.622132	406.66527	55.7	0.000633	0.00025	0	21	3.8
21.31492	429.009809	409.836726	56	0.000375	0.00015	0	21	3.8
15.19828	407.983391	401.471858	56.5	0.000244	0.00011	0	21	3.8
12.33314	386.956973	400.5	56.6	0.000147	0.00009	0	21	3.9
11.27092	365.930554	399.794398	56.2	0.000104	0.00008	0	21	3.9
10.63372	344.904136	378.96026	55.4	0.000075	0.00008	0	21	4
19.49894	341.622767	398.088511	54.7	0.000094	0.00013	0	21	3.9
22.52185	339.138719	397.4	54	0.000104	0.00014	0	21	3.9
18.5671	336.654672	396.632704	53.4	0.000138	0.00012	0	21	3.8
16.9216	334.170624	390.895613	53.2	0.000167	0.00012	0	21	3.8
20.75104	330.622935	381.105577	53	0.000204	0.00014	0	21	3.8
19.45244	326.269569	395.230106	52.7	0.000216	0.00013	0	21	3.8
17.62143	321.916203	395	52.5	0.000211	0.00012	0	21	3.8
14.37451	317.562837	394.694908	52.4	0.000163	0.00009	0	21	3.8
11.27535	313.209471	369.921429	52.1	0.000129	0.00008	0	21	3.8
10.17722	303.818864	392.693466	51.4	0.000098	0.00007	0	21	3.9
10.91	293.608242	391.9	49.8	0.000072	0.00007	0	21	3.9
11.38374	283.397619	391.467213	47.1	0.000054	0.00007	0	21	4
11.09527	273.186996	386.703203	43.7	0.000037	0.00007	0	21	4
10.67915	269.862527	355.90983	40.4	0.000026	0.00007	0	21	4
14.82013	273.64815	389.913859	37.7	0.000023	0.00008	0	21	4
19.27297	277.433773	388.851579	35.9	0.000028	0.00012	0	21	4
19.88294	281.219396	389.223641	34.8	0.000055	0.00013	0	21	4
17.48375	285.005019	362.981553	33.9	0.000094	0.00011	0	21	3.8
11.17501	279.213739	378.787419	33.4	0.000098	0.00008	0	20.4	3.8
9.12327	270.876701	387.978125	32.9	0.000099	0.00007	0	20.6	3.7
10.02625	262.539662	387.2	31.9	0.000094	0.00007	0	21	3.8
9.90934	254.202623	386.58529	29.2	0.000073	0.00006	0	21	3.8
8.95222	247.799466	328.777143	25.9	0.000053	0.00006	0	20.4	3.8
8.90232	246.085307	385.388602	23	0.000038	0.00005	0	20	3.8
9.40458	244.371149	384.444664	19.9	0.000034	0.00006	0	20	3.8
11.15961	242.65699	384.088633	16.2	0.000029	0.00007	0	20	3.9
12.2748	240.942832	352.990952	12	0.000028	0.00008	0	20	3.9
10.50878	242.729212	370.603636	7.3	0.000028	0.00007	0	20	3.9
10.23232	245.390728	383.365309	3.8	0.000037	0.00007	0	20	4
10.67486	248.052243	382.6	1.8	0.000049	0.00007	0	20	4
10.4347	250.713758	382.047414	0.5	0.000057	0.00007	0	20	4
10.33544	253.129939	320.135135	0	0.000065	0.00007	0	20	4
10.45216	254.051495	381.8	0	0.000073	0.00007	0	20	4
10.50996	254.97305	381.156322	0	0.000076	0.00007	0	20	4
10.38	255.894606	380.9	0	0.000078	0.00007	0	20	3.9
10.45667	256.816161	365.016878	0	0.00008	0.00007	0	20	3.9
10.45934	257.388273	361.68628	0	0.000081	0.00007	0	20	3.9
10.4625	257.804853	380.780451	0	0.000082	0.00007	0	20	3.8
10.32031	258.221433	380.2	0	0.000082	0.00007	0	20	3.8
10.45193	258.638013	379.922565	0	0.000082	0.00007	0	20	3.8
10.47	259.054593	342.219368	0	0.000082	0.00007	0	20	3.8
10.44023	258.990428	375.504275	0	0.000081	0.00007	0	20	3.8

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334.609396	1	1.38794
297.920358	1	1.38817
257.343982	1	1.38838
204.389934	1	1.38854
151.435886	1	1.38866
98.481838	1	1.38875
45.52779	1	1.38883
70.157327	1	1.38899
133.172764	1	1.3892
196.1882	1	1.38949
259.203637	1	1.38974
322.219074	1	1.38989
264.828633	1	1.39
199.752711	1	1.39009
134.67679	1	1.39017
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32.614699	1	1.39038
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92.74833	1	1.39076
112.792873	1	1.3909
102.387208	1	1.39103
86.181504	1	1.39115
69.975799	1	1.39124
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39.758559	1	1.39139
33.902703	1	1.39146
28.046847	1	1.39153
22.190991	1	1.3916
16.335135	1	1.39167
39.13013	1	1.39175
70.386774	1	1.39187
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132.900064	1	1.39211
159.919752	1	1.39219
129.771226	1	1.39226
99.6227	1	1.39233
69.474174	1	1.39239
39.325648	1	1.39245
38.036024	1	1.3925
59.60596	1	1.39256
81.175895	1	1.39263
102.745831	1	1.39271
123.883088	1	1.39278
138.359947	1	1.39285
152.836806	1	1.39292
167.313665	1	1.39299
181.790524	1	1.39306
188.556831	1	1.39313
187.674023	1	1.3932
186.791216	1	1.39327
185.908409	1	1.39334
185.025601	1	1.39341
184.798087	1	1.39348
184.590143	1	1.39355
184.3822	1	1.39362
184.174257	1	1.39369
183.933931	1	1.39376

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14:19:28.506	194	70.6	1966
14:19:29.506	194	71.6	1839
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14:19:31.506	194	71.5	1696
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14:19:34.506	194	11	1330
14:19:35.506	194	4	1306
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14:19:39.506		64.9	1262
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14:19:47.506	193.4	34.9	1288
14:19:48.506	193.3	53.1	1288

10.27448	258.867452	378.608333	0	0.000082	0.00007	0	20	3.8
10.39637	258.744476	378.6	0	0.000082	0.00007	0	20	3.8
10.40324	258.6215	378.6	0	0.000082	0.00007	0	20	3.8
10.31155	258.496365	330.491644	0	0.000083	0.00007	0	20	3.8
10.47	258.193466	377.9	0	0.000082	0.00007	0	20	3.9
10.41953	257.890567	377.9	0	0.000083	0.00007	0	20	3.9
10.35291	257.587668	377.337741	0	0.000084	0.00007	0	20	3.9
10.68805	257.284768	376.438843	0	0.000085	0.00007	0	20	3.9
10.27	256.991178	336.678139	0	0.000084	0.00007	0	20	3.9
10.32583	256.712149	377.439574	0	0.000084	0.00007	0	20	3.9
10.33112	256.433119	377.1	0	0.000084	0.00007	0	20	3.9
10.39284	256.154089	376.4	0	0.000083	0.00007	0	20	3.9
10.26085	255.875059	355.834722	0	0.000084	0.00007	0	20	3.9
10.36164	255.548336	367.440119	0	0.000084	0.00007	0	20	3.9
10.38075	255.204062	376.4	0	0.000083	0.00007	0	20	3.9
10.38841	254.859789	376.4	0	0.000083	0.00007	0	20	3.9
10.57448	254.515515	375.658388	0	0.000084	0.00007	0	20	3.9
10.36	254.200998	331.858963	0	0.000084	0.00007	0	20	3.9
10.29837	253.936286	375.6	0	0.000084	0.00007	0	20	3.9
10.62577	253.671574	376.137516	0	0.000084	0.00007	0	20	3.9
10.72031	253.406862	375.646289	0	0.000085	0.00007	0	20	3.9
10.63254	253.14215	373.807103	0	0.000084	0.00007	0	20	3.9
10.34458	252.801798	342.022239	0	0.000084	0.00007	0	20	3.9
10.46638	252.373716	375.6	0	0.000084	0.00007	0	20	4
10.52	251.945634	374.907134	0	0.000084	0.00007	0	20	4
10.42623	251.517551	374.918947	0	0.000083	0.00007	0	20	4
10.46261	251.089469	344.687986	0	0.000083	0.00007	0	20	4
10.48382	250.765282	363.591775	0	0.000083	0.00007	0	20	4
10.32164	250.468546	374.780934	0	0.000083	0.00007	0	20	4
10.31565	250.17181	374.325225	0	0.000083	0.00007	0	20	4
10.41379	249.875074	374.402521	0	0.000084	0.00007	0	20	4.1
10.40815	251.53532	319.449794	0	0.000114	0.00009	0.00001	20	4.1
25.41096	278.046546	374.1	0	0.000271	0.0002	0.00001	20	4
43.54957	304.557772	374.414948	0.3	0.000582	0.00031	0.00002	20	4
61.69466	331.068998	375.464389	2.1	0.000824	0.00039	0	20	4
60.04977	357.580225	375.543012	6.2	0.000911	0.00042	0	20	4
48.94746	382.314195	373.7837	9.9	0.000803	0.00037	0	20	4.1
57.05663	404.795363	372.940187	12.8	0.000866	0.0004	0	20	4.1
70.89691	427.27653	371.241869	15.5	0.001155	0.00049	0	20	4.2
79.53294	449.757698	367.914588	17.5	0.001294	0.00054	0	20	4.2
82.15644	467.717062	413.473982	20.2	0.0014	0.00061	0	20	4.4
83.23247	466.769194	360.285921	23.5	0.001398	0.00068	0	20	4.7
68.20652	465.821327	355.818205	26.9	0.00097	0.00052	0	20	4.7
47.14147	464.87346	352.863226	30.1	0.000704	0.0004	0	20	4.8
43.32342	463.925592	359.997942	32.4	0.000604	0.00034	0	20	4.7
35.94784	452.335201	372.752059	33.9	0.000459	0.00026	0	20	4.7
21.84172	432.072407	346.532224	34.8	0.000347	0.0002	0	20	4.7
17.7504	411.809613	346.001031	35.4	0.000254	0.00015	0.00001	20	4.7
14.40821	391.546819	344.583234	35.8	0.0002	0.00013	0.00001	20	4.6
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11.14217	365.03541	342.806031	35.3	0.000097	0.00009	0.00001	20	4.7
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20.77286	338.906993	340.183148	33.5	0.000115	0.00015	0.00002	20	4.6
21.43887	336.926925	338.085092	33.2	0.000191	0.00017	0.00005	20	4.5
21.38643	341.839728	338.421667	33.4	0.000257	0.00017	0.00002	20	4.5
20.63376	346.752531	338.2	33.7	0.000281	0.00016	0.00002	20	4.3
21.40344	351.665334	336.482322	33.9	0.0003	0.00016	0.00001	20	4.3
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18.94701	352.265285	337.840105	34.4	0.000265	0.00014	0	20	4.3
14.71392	345.529534	334.5	34.6	0.000236	0.00013	0.00002	20	4.3
16.23519	338.793782	334.266974	34.7	0.000188	0.00012	0.00003	20	4.4
18.84475	332.058031	333.8	34.5	0.000165	0.00014	0.00003	20	4.4

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14:20:17.506	192.2	59.8	1182
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14:20:19.506	192.2	42.8	1152
14:20:20.506	192.2	59.2	1136
14:20:21.506	192.2	83.1	1138
14:20:22.506	192.2	91.9	1165
14:20:23.506	192.2	90	1198
14:20:24.506	192.2	88	1235
14:20:25.506	192.2	90.4	1273
14:20:26.506	192.2	92.4	1318
14:20:27.506	192.2	81.4	1356
14:20:28.506	192.2	78.9	1379
14:20:29.506	192.2	59.2	1390
14:20:30.506	192.2	49.2	1381
14:20:31.506	192.2	24.4	1363
14:20:32.506	192.2	49.1	1342
14:20:33.506	192.2	60.2	1345
14:20:34.506		71.6	1364
14:20:35.506		61.2	1389
14:20:36.506		42.8	1400
14:20:37.506		30.1	1404
14:20:38.506		18.1	1408
14:20:39.506		20.7	1413
14:20:40.506		31.9	1417
14:20:41.506	191.7	34.5	1428
14:20:42.506	191.6	51.2	1446
14:20:43.506	191.6	50.1	1470
14:20:44.506	191.5	35.1	1490
14:20:45.506	191.4	7.4	1511
14:20:46.506	191.4	7.6	1504
14:20:47.506	191.3	23.1	1501
14:20:48.506	191.2	12.9	1498
14:20:49.506	191.2	33.4	1491
14:20:50.506	191.1	41.4	1483
14:20:51.506	191	46.1	1466

22.86041	325.32228	330.147527	34.2	0.000217	0.00017	0.00003	20	4.4
25.83285	333.283964	333.010219	34.2	0.000314	0.00019	0.00004	20	4.3
26.52191	341.747216	332.4	34.4	0.000381	0.00019	0.00004	20	4.2
26.29812	350.210468	331.810778	35	0.000408	0.0002	0.00004	20	4.3
21.58006	358.673719	332.373709	35.6	0.000334	0.00016	0.00001	20	4.3
18.71308	361.940219	340.468603	36	0.000298	0.00015	0.00001	20	4.3
18.39741	359.508811	331.855484	36.2	0.000252	0.00014	0.00001	20	4.3
18.16146	357.077404	331.6	36.6	0.000253	0.00016	0.00003	20	4.4
26.81054	354.645996	331.352347	36.6	0.00031	0.00019	0.00004	20	4.4
22.42816	352.214588	338.739348	36.7	0.000293	0.00017	0.00005	20	4.3
20.05484	338.66697	331.53774	36.9	0.000282	0.00015	0.00004	20	4.3
14.76257	325.052251	330.9	37.3	0.000186	0.0001	0.00002	20	4.3
10.949	311.437532	330.9	37.3	0.000138	0.00009	0.00002	20	4.3
10.93365	297.822814	330.9	36.9	0.000101	0.00008	0.00002	20	4.3
10.32697	285.969418	316.43581	36.2	0.000073	0.00008	0.00002	20	4.3
10.04733	277.064118	330.499139	35.6	0.000052	0.00007	0.00002	20	4.4
9.83355	268.158818	330.2	35	0.000038	0.00007	0.00002	20	4.4
9.59366	259.253519	330.034286	34.5	0.00003	0.00007	0.00003	20	4.4
9.58961	250.348219	310.563143	34	0.000025	0.00007	0.00004	20	4.4
9.41992	244.827808	321.327969	33.5	0.000022	0.00007	0.00005	20	4.4
9.20507	240.318467	329.491915	33.2	0.00002	0.00007	0.00005	20	4.5
9.29046	235.809126	329.628133	32.8	0.000018	0.00007	0.00005	20	4.4
9.79554	231.299785	329.82824	32.7	0.00002	0.00008	0.00005	20	4.4
10.11331	227.872121	283.336612	32.7	0.00002	0.00008	0.00006	20	4.4
11.07979	232.935142	329.4	32.5	0.000022	0.00008	0.00006	20	4.4
16.31131	237.998163	329.4	32.2	0.000032	0.00012	0.00009	20	4.4
19.97597	243.061184	329.4	31.9	0.000043	0.00014	0.00011	20	4.4
20.05873	248.124204	330.11889	31.5	0.000071	0.00013	0.00007	20	4.3
15.58471	254.025791	306.754204	31.4	0.000116	0.00012	0.00007	20	4.2
16.85564	261.029937	330.692317	31.4	0.00015	0.00012	0.00005	20	4.2
13.02228	268.034082	330.9	31.2	0.000155	0.00011	0.00005	20	4.2
17.9008	275.038228	331.125354	30.9	0.000217	0.00015	0.00005	20	4.2
29.60905	282.042374	317.89488	30.4	0.000349	0.0002	0.00007	20	4.1
37.87162	307.755303	332.142132	30	0.00052	0.00023	0.00009	20	3.9
41.40145	336.795707	333.353886	30.1	0.000707	0.00026	0.0001	20	3.8
39.68536	365.836111	334.5	30.7	0.000734	0.00027	0.00009	20	3.8
41.53488	394.876515	335.927922	31.7	0.00078	0.00028	0.00006	20	3.8
45.05313	409.262749	357.16762	32.8	0.000836	0.00029	0.00004	20	3.8
39.57416	408.578669	337.180511	33.8	0.000711	0.00026	0.00001	20	3.8
35.22344	407.89459	336.85567	34.8	0.000596	0.00022	0	20	3.8
24.32187	407.21051	337.425962	35.7	0.000469	0.00018	0	20	3.8
18.49671	406.52643	348.354054	35.9	0.000309	0.00013	0	20	3.9
16.92772	400.749538	346.04881	36.5	0.000254	0.00013	0	20	3.9
19.18036	392.452883	337.5	36.8	0.000206	0.00014	0	20	4
22.60107	384.156228	336.7	36.5	0.000216	0.00015	0	20	4
25.74594	375.859573	337.133333	35.6	0.000292	0.00017	0	20	3.9
25.91371	367.083308	351.790261	35.7	0.000312	0.00015	0	20	3.8
17.49375	354.949775	336.7	36.1	0.000279	0.00013	0	20	3.8
15.44784	342.816242	336.300788	36.7	0.000232	0.00011	0	20	3.8
15.81387	330.682709	335.207069	37.2	0.000196	0.00011	0	20	3.9
16.05089	318.549176	335.474898	37.3	0.000161	0.00011	0	20	3.9
15.76389	310.898149	328.689195	37.3	0.000128	0.00011	0	20	3.9
16.74687	308.681666	334.731585	37.5	0.000118	0.00011	0	20	4
22.19315	306.465182	334.478351	37.6	0.00014	0.00014	0	20	4
20.44	304.248698	333.8	37.7	0.000165	0.00014	0	20	4
19.95276	302.032214	327.011755	38.2	0.000184	0.00014	0	20	4
18.30478	294.338214	330.031726	38.9	0.00018	0.00013	0	20	4
14.16467	285.317362	333.096957	39.5	0.000166	0.00012	0	20	4
18.92003	276.29651	332.4	39.8	0.00014	0.00013	0	20	4.1
20.0276	267.275657	332.4	39.7	0.000102	0.00013	0	20	4.1
17.52487	263.269798	307.138639	39.7	0.000084	0.00012	0	20	4.1
17.82122	267.009741	331.257543	39.8	0.000093	0.00012	0	20	4.1
19.22385	270.749685	330.9	39.7	0.000125	0.00013	0	20	4.1

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127.69385	1	1.40493
123.683155	1	1.40513
119.67246	1	1.40529
115.661765	1	1.40544
117.56135	1	1.40558
120.628834	1	1.40574
123.696319	1	1.40593
126.763804	1	1.4061
122.732379	1	1.40625
99.604626	1	1.40635
76.476872	1	1.40644
53.349119	1	1.40652
30.221366	1	1.4066
22.28477	1	1.40667
19.938353	1	1.40674
17.591937	1	1.40681
15.24552	1	1.40688
13.082798	1	1.40695
15.008344	1	1.40702
16.93389	1	1.40709
18.859435	1	1.40717
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200.898652	1	1.40796
209.598086	1	1.40807
218.297521	1	1.40822
226.996955	1	1.40842
253.187542	1	1.40865
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449.982848	1	1.40918
548.380501	1	1.40946
646.778154	1	1.40975
581.6847	1	1.41001
466.088757	1	1.41023
350.492815	1	1.41041
234.896872	1	1.41054
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137.046981	1	1.41081
150.658397	1	1.41096
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174.728682	1	1.41141
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110.129199	1	1.41174
88.596038	1	1.41185
87.955134	1	1.41196
91.502713	1	1.4121
95.050292	1	1.41224
98.597871	1	1.41238
101.897196	1	1.41251
99.389788	1	1.41263
96.88238	1	1.41276
94.374972	1	1.41289
91.867563	1	1.41301
92.855927	1	1.41313
95.693735	1	1.41326

14:20:52.506	191	53.2	1452
14:20:53.506	190.9	37.6	1438
14:20:54.506	190.8	6.4	1407
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14:20:56.506	190.7	0	1334
14:20:57.506	190.6	0	1295
14:20:58.506	190.6	0	1261
14:20:59.506	190.5	0	1225
14:21:00.506	190.4	3.8	1192
14:21:01.506		43.2	1180
14:21:02.506		52.6	1153
14:21:03.506		61.9	1148
14:21:04.506		72.6	1147
14:21:05.506		73.8	1162
14:21:06.506		80.9	1173
14:21:07.506		79.4	1191
14:21:08.506	191.8	77.6	1210
14:21:09.506	192	81.2	1228
14:21:10.506	192.2	81.7	1255
14:21:11.506	192.4	81.7	1282
14:21:12.506	192.6	78.5	1305
14:21:13.506	192.8	75	1326
14:21:14.506	193	61.4	1340
14:21:15.506	193.2	68.9	1355
14:21:16.506	193.4	57.5	1371
14:21:17.506	193.6	33.3	1378
14:21:18.506	193.8	31.8	1372
14:21:19.506	194	21.5	1363
14:21:20.506	194.2	25.3	1356
14:21:21.506	194.4	33	1358
14:21:22.506	194.6	36.1	1342
14:21:23.506	194.8	37.3	1334
14:21:24.506	195	29.9	1320
14:21:25.506	195.2	13.2	1308
14:21:26.506	195.4	0.5	1290
14:21:27.506	195.6	4	1272
14:21:28.506		11.8	1252
14:21:29.506		0.7	1228
14:21:30.506		0.1	1180
14:21:31.506		0	1137
14:21:32.506		0	1090
14:21:33.506		0	1163
14:21:34.506		0	1119
14:21:35.506		0	1090
14:21:36.506	195.3	0	996
14:21:37.506	195.2	8	781
14:21:38.506	195.1	19.6	805
14:21:39.506	195.1	23.5	780
14:21:40.506	195	28.9	743
14:21:41.506	195	36.4	827
14:21:42.506	194.9	70.6	1176
14:21:43.506	194.8	56	1258
14:21:44.506	194.8	48.8	1263
14:21:45.506	194.7	51.2	1339
14:21:46.506	194.6	64.8	1510
14:21:47.506	194.6	76.4	1762
14:21:48.506	194.5	80	1747
14:21:49.506	194.4	82.1	1671
14:21:50.506	194.4	36.3	1422
14:21:51.506	194.3	41.6	1462
14:21:52.506	194.2	61.7	1512
14:21:53.506	194.2	40.3	1592
14:21:54.506	194.1	11.8	1599

24.07324	274.489628	330.9	39.4	0.000165	0.00014	0	20	4
19.06981	278.229572	319.854834	39.4	0.00017	0.00013	0	20	4
14.72891	271.472577	325.955789	39.1	0.000152	0.00011	0	20	4
11.5269	261.992195	329.4	38	0.000112	0.00008	0	20	4
10.85442	252.511813	329.15445	37.3	0.000085	0.00007	0	20	4
10.47727	243.031432	328.231163	36.3	0.000063	0.00007	0	20	4.1
9.81837	234.266285	287.060976	35.3	0.000046	0.00007	0	20	4.1
9.50188	233.83951	327.628333	34.3	0.000033	0.00006	0	20	4.1
9.15672	233.412736	327.2	33.6	0.000027	0.00007	0	20	4.2
15.87813	232.985961	327.16589	33.1	0.000031	0.00011	0	20	4.2
16.40176	232.559187	319.013105	31.6	0.000043	0.00011	0	20	4.2
18.60286	242.653096	311.968816	31	0.000092	0.00013	0	20	4.2
22.69492	259.00572	326.5	30.5	0.000174	0.00015	0	20	4.1
21.40749	275.358345	326.5	30.4	0.000251	0.00015	0	20	4
23.7284	291.710969	326.009753	30.5	0.000334	0.00017	0	20	4
26.0404	307.408396	315.611103	30.7	0.0004	0.00018	0	20	4
24.91242	319.884114	325.8	31.1	0.000438	0.00018	0	20	4
26.23858	332.359832	325.8	31.5	0.000457	0.00019	0	20	4
28.43606	344.835549	325.8	32.1	0.00048	0.0002	0	20	4
29.55937	357.311267	326.264075	32.6	0.000491	0.00019	0	20	3.9
26.35471	363.008435	334.174594	33.2	0.000478	0.00019	0	20	3.9
26.52062	362.837604	325.8	33.9	0.000448	0.00018	0	20	4
21.61571	362.666773	325.858333	34.6	0.000375	0.00016	0	20	4
23.99512	362.495943	326.267753	35.1	0.000365	0.00016	0	20	4
22.51289	362.325112	336.166	35.5	0.000323	0.00015	0	20	4.1
15.67485	350.631413	325.793297	35.8	0.000276	0.00013	0	20	4.1
15.78021	336.951944	325.388789	36.3	0.000237	0.00012	0	20	4.2
15.35812	323.272475	325.143277	36.5	0.000194	0.00012	0	20	4.3
15.19403	309.593006	323.257834	36.4	0.000155	0.00011	0	20	4.3
15.00865	300.372104	322.353971	36.1	0.00013	0.00011	0	20	4.4
15.37145	293.714001	325.220842	35.9	0.000117	0.00011	0	20	4.4
15.5633	287.055898	325.1	35.7	0.000114	0.00011	0	20	4.4
15.34082	280.397795	325.1	35.5	0.000112	0.00011	0	20	4.3
15.44	273.739692	306.121096	35.3	0.000107	0.0001	0	20	4.3
11.34515	264.87007	323.715753	35.1	0.00009	0.00009	0	20	4.3
14.31642	255.91786	324.081194	34.8	0.000082	0.00009	0	20	4.3
17.672	246.96565	323.6	34.3	0.000081	0.00012	0	20	4.4
11.11747	238.01344	323.6	33.7	0.000048	0.00009	0	20	4.4
9.69272	231.124204	297.939097	33.2	0.000036	0.00008	0	20	4.4
8.84152	226.240977	322.8	32.8	0.000028	0.00007	0	20	4.4
8.22195	221.357749	322.8	32.5	0.000023	0.00007	0	20	4.5
8.92456	216.474522	321.952473	31.4	0.000019	0.00006	0	20	4.5
8.48444	211.591295	297.934395	29.3	0.000016	0.00006	0	20	4.5
8.32016	209.259912	312.384777	25.5	0.000013	0.00006	0	20	4.5
7.65456	207.578496	320.6	22.8	0.00001	0.00005	0	20	4.5
8.63041	205.89708	320.329753	20.2	0.000012	0.00007	0	20	4.5
11.32341	204.215664	320.451023	17.5	0.000013	0.00008	0	20	4.5
11.61263	205.27904	269.92	14.3	0.000014	0.00009	0	20	4.5
11.69038	213.50662	319.646888	10.7	0.00002	0.00009	0	20	4.5
12.65009	221.734201	319.612064	7.7	0.000038	0.00011	0	20	4.4
24.06585	229.961781	319.9	6.2	0.000082	0.00015	0	20	4.3
17.16703	238.189361	318.166508	6.2	0.000127	0.00014	0	20	4.3
16.86578	249.575812	299.662152	7.3	0.000168	0.00013	0	20	4.2
18.11051	263.557254	319.2	9	0.000206	0.00014	0	20	4.2
25.6687	277.538697	319.119868	10.3	0.000311	0.00019	0	20	4.2
37.38748	291.520139	318.253871	11.3	0.000516	0.00029	0	20	4.2
41.92501	305.501582	315.2592	12.5	0.000553	0.00028	0	20	4.2
40.86542	309.830989	316.971355	14.4	0.000525	0.00026	0	20	4.2
23.55801	311.852042	317.8	16.5	0.000398	0.00021	0	20	4.2
21.82855	313.873095	316.913453	18.6	0.000274	0.00016	0	20	4.2
24.68333	315.894147	315.852184	20.1	0.000275	0.00018	0	20	4.3
28.57404	316.999048	316.184605	20.8	0.000314	0.0002	0	20	4.3
21.79521	302.947267	314.63209	21.5	0.000328	0.00019	0	20	4.3

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259.475205	1	1.41601
235.345299	1	1.41619
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178.080342	1	1.41651
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37.469283	1	1.41829
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22.110922	1	1.41841
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23.043172	1	1.41852
30.532159	1	1.41859
38.021145	1	1.41867
45.510132	1	1.41876
61.512983	1	1.41885
84.945535	1	1.41896
108.378087	1	1.41911
131.81064	1	1.41925
155.243192	1	1.41938
161.686059	1	1.41952
163.801565	1	1.41971
165.917072	1	1.42
168.032579	1	1.42028
169.412018	1	1.42054
161.012277	1	1.42075
152.612535	1	1.42091
144.212793	1	1.42109
135.813052	1	1.42129
119.874807	1	1.42148

14:21:55.506	194.1	0.3	1509
14:21:56.506		0	1321
14:21:57.506		2.9	908
14:21:58.506		20.3	794
14:21:59.506		17.2	812
14:22:00.506		19.1	790
14:22:01.506		17.9	801
14:22:02.506		34.4	1011
14:22:03.506		45.6	1244
14:22:04.506	194.5	15.5	1052
14:22:05.506	194.6	17	916
14:22:06.506	194.7	22.1	820
14:22:07.506	194.7	26	774
14:22:08.506	194.8	34	718
14:22:09.506	194.9	36.5	689
14:22:10.506	194.9	35.8	685
14:22:11.506	195	35.3	680
14:22:12.506	195	36.2	677
14:22:13.506	195.1	38.6	682
14:22:14.506	195.2	36.7	681
14:22:15.506	195.2	34.7	681
14:22:16.506	195.3	37.4	677
14:22:17.506	195.4	43.3	690
14:22:18.506	195.4	45.1	793
14:22:19.506	195.5	51.4	955
14:22:20.506	195.6	40.7	751
14:22:21.506	195.6	29.7	674
14:22:22.506	195.7	31.1	740
14:22:23.506	195.8	51.5	982
14:22:24.506		58.5	1194
14:22:25.506		58.5	1372
14:22:26.506		54.3	1562
14:22:27.506		30.9	1458
14:22:28.506		49.8	1239
14:22:29.506		45.1	1208
14:22:30.506		44.8	1225
14:22:31.506	194.8	44.4	1223
14:22:32.506	194.7	43.5	1208
14:22:33.506	194.6	40.3	1190
14:22:34.506	194.4	35	1152
14:22:35.506	194.3	34	1131
14:22:36.506	194.2	36.3	1121
14:22:37.506	194	37.3	1110
14:22:38.506	193.9	37.6	1102
14:22:39.506	193.8	37.8	1090
14:22:40.506	193.6	38	1073
14:22:41.506	193.5	38.5	1062
14:22:42.506	193.4	38.8	1042
14:22:43.506	193.2	39.3	1027
14:22:44.506	193.1	41.1	1000
14:22:45.506	193	40.5	992
14:22:46.506	192.8	38.9	1007
14:22:47.506	192.7	38.6	1031
14:22:48.506	192.6	38.2	1048
14:22:49.506	192.5	37.8	1052
14:22:50.506	192.3	37.6	1039
14:22:51.506		38	1022
14:22:52.506		37.3	1033
14:22:53.506		37.3	1046
14:22:54.506		37.3	1044
14:22:55.506		37.8	1045
14:22:56.506		35.9	1037
14:22:57.506		33.5	1030

13.77046	288.895486	313.757313	22.5	0.000202	0.00014	0	20	4.4
11.04258	274.843704	313.3	22.8	0.000098	0.00009	0	20	4.4
7.90944	260.791923	312.411502	21.4	0.000064	0.00008	0	20	4.4
11.3395	251.948361	299.062463	18.9	0.000046	0.00008	0	20	4.4
11.76791	247.577284	311.9	15.2	0.000036	0.00008	0	20	4.5
11.87287	243.206208	311.2	11.7	0.000035	0.00009	0	20	4.5
11.92821	238.835131	310.24587	9.7	0.000039	0.00009	0	20	4.4
17.57894	235.197108	276.631437	9.1	0.000053	0.00012	0	20	4.4
16.70556	233.919081	309.353247	9.1	0.000058	0.00012	0	20	4.4
11.15497	232.641054	309.252468	9.4	0.00005	0.00008	0	20	4.4
8.51404	231.363027	308.905121	10.2	0.000047	0.00006	0	20	4.4
11.94616	230.085	289.569231	10.8	0.000072	0.00008	0	20	4.4
10.8497	230.408533	303.432706	10.2	0.000075	0.00008	0	20	4.4
11.8586	231.191715	306.808946	8.7	0.00007	0.00009	0	20	4.4
11.00215	231.974897	306.286008	6.9	0.000061	0.00008	0	20	4.4
10.42582	232.758079	306.478195	4.6	0.000058	0.00008	0	20	4.4
10.41649	233.541261	281.386351	2.8	0.00006	0.00008	0	20	4.5
10.45086	234.361397	305.3	1.3	0.000068	0.00008	0	20	4.5
10.6961	235.184529	305.3	0	0.000072	0.00008	0	20	4.6
9.94766	236.007661	304.873262	0.2	0.000074	0.00008	0	20	4.5
10.43275	236.830794	304.6	0.6	0.00008	0.00008	0	20	4.5
10.58124	237.650233	271.885714	0.7	0.000084	0.00008	0	20	4.5
12.32789	238.453615	303.718104	0.9	0.000093	0.00009	0	20	4.5
14.87387	239.256998	303.2	1.1	0.000115	0.00011	0	20	4.5
14.47635	240.060381	303.2	1.7	0.000112	0.0001	0	20	4.4
10.76923	240.863763	301.999452	2.4	0.000098	0.00009	0	20	4.4
9.84538	242.994782	285.530493	3.3	0.000093	0.00008	0	20	4.4
13.90362	246.703277	301.898406	3.7	0.000113	0.0001	0	20	4.4
14.56777	250.411772	301.6	3.5	0.00013	0.00012	0	20	4.4
18.27642	254.120267	301.430213	3.4	0.000147	0.00014	0	20	4.4
19.54983	257.828762	291.502817	3.8	0.000185	0.00015	0	20	4.4
23.27958	260.537774	297.3539	5	0.000262	0.00018	0	20	4.3
19.63105	263.025899	300.873325	6.4	0.000254	0.00016	0	20	4.4
17.84367	265.514024	300.484674	7.5	0.000223	0.00014	0	20	4.4
16.12763	268.002149	300.324696	8.6	0.000198	0.00013	0	20	4.4
15.66227	268.081029	289.713798	9.5	0.000183	0.00012	0	20	4.4
14.89353	264.515774	299.809535	10.2	0.000168	0.00011	0	20	4.4
14.14513	260.950519	299.5	10.4	0.000154	0.00011	0	20	4.4
13.59133	257.385264	299.35006	10.3	0.000142	0.0001	0	20	4.4
13.22027	253.820009	287.935762	10.7	0.000133	0.0001	0	20	4.5
13.29182	250.828287	296.102395	10.6	0.000126	0.0001	0	20	4.5
12.90169	248.007881	298.2	10.4	0.000118	0.0001	0	20	4.5
12.71448	245.187474	297.995385	10.1	0.00011	0.0001	0	20	4.6
12.65215	242.367068	297.162796	10	0.000105	0.0001	0	20	4.6
12.53658	239.546661	276.434795	9.9	0.000102	0.0001	0	20	4.6
12.25059	238.306154	296.711163	9.9	0.0001	0.0001	0	20	4.6
11.93385	237.152308	296.1	9.7	0.000099	0.00009	0	20	4.6
11.868	235.998462	296.1	9.5	0.000097	0.00009	0	20	4.6
11.77447	234.844615	295.570927	9.4	0.000094	0.00009	0	20	4.6
10.83295	233.664444	278.923529	9.2	0.000089	0.00008	0.00001	20	4.6
11.255	232.460741	294.7	9	0.000093	0.00009	0.00001	20	4.6
11.88879	231.257037	294.7	8.8	0.000096	0.00009	0	20	4.6
11.98302	230.053333	294	8.8	0.000098	0.00009	0.00001	20	4.6
12.02231	228.906061	263.471107	9	0.0001	0.00009	0	20	4.6
12.25881	227.97366	293.773406	9.1	0.0001	0.0001	0.00002	20	4.6
12.08428	227.041259	293.3	9.2	0.000098	0.00009	0.00001	20	4.6
11.99	226.108858	292.786264	9.3	0.000097	0.00009	0.00002	20	4.5
12.18621	225.176457	290.386111	9.2	0.000096	0.00009	0.00001	20	4.5
12.07926	224.369315	272.745769	9.1	0.000095	0.00009	0	20	4.5
12.04652	223.693068	292	9.2	0.000096	0.00009	0	20	4.5
12.1864	223.016822	291.365821	9.3	0.000095	0.00009	0	19.4	4.5
11.7475	222.340575	291.3	9.2	0.000094	0.00009	0	19.6	4.5
11.92734	221.664328	275.456762	9.2	0.000094	0.00009	0	20	4.6

93.82049	1	1.42162
67.766174	1	1.42171
41.711857	1	1.42179
15.65754	1	1.42187
34.082752	1	1.42195
57.560205	1	1.42204
81.037657	1	1.42213
104.515109	1	1.42225
111.860924	1	1.42237
108.271871	1	1.42245
104.682817	1	1.42251
101.093764	1	1.42259
100.493123	1	1.42267
118.559228	1	1.42276
136.625334	1	1.42284
154.691439	1	1.42292
172.757545	1	1.423
185.778285	1	1.42308
184.947893	1	1.42316
184.117501	1	1.42324
183.287108	1	1.42332
182.456716	1	1.4234
181.318477	1	1.42349
179.803981	1	1.4236
178.289485	1	1.4237
176.774989	1	1.42379
175.260493	1	1.42387
170.807595	1	1.42397
165.744304	1	1.42409
160.681013	1	1.42423
155.617722	1	1.42438
150.243439	1	1.42456
141.646154	1	1.42472
133.048869	1	1.42486
124.451584	1	1.42499
115.854299	1	1.42511
109.903311	1	1.42522
105.26755	1	1.42533
100.631788	1	1.42543
95.996026	1	1.42553
92.143124	1	1.42563
93.180253	1	1.42573
94.217382	1	1.42583
95.254512	1	1.42593
96.291641	1	1.42603
96.929836	1	1.42613
96.708499	1	1.42622
96.487162	1	1.42631
96.265826	1	1.4264
96.044489	1	1.42648
94.523788	1	1.42657
92.676212	1	1.42666
90.828637	1	1.42675
88.981062	1	1.42684
87.900572	1	1.42694
87.688573	1	1.42703
87.476574	1	1.42712
87.264575	1	1.42721
87.052576	1	1.4273
87	1	1.42739
87	1	1.42748
87	1	1.42757
87	1	1.42766

14:22:58.506		28.2	985
14:22:59.506	192.2	17.2	838
14:23:00.506	192.2	21.1	792
14:23:01.506	192.2	22.7	794
14:23:02.506	192.2	23.8	795
14:23:03.506	192.2	25.3	791
14:23:04.506	192.2	26	797
14:23:05.506	192.2	26.3	798
14:23:06.506	192.2	28.8	796
14:23:07.506	192.2	34.4	755
14:23:08.506	192.2	32.9	699
14:23:09.506	192.2	36.4	699
14:23:10.506	192.2	34.9	693
14:23:11.506	192.2	34.8	690
14:23:12.506	192.2	35.6	681
14:23:13.506	192.2	34.1	670
14:23:14.506	192.2	36.5	677
14:23:15.506	192.2	47.1	684
14:23:16.506	192.2	53.5	678
14:23:17.506	192.2	50	690
14:23:18.506	192.2	45.9	686
14:23:19.506		51.4	672
14:23:20.506		46.8	690
14:23:21.506		45.1	682
14:23:22.506		48.1	673
14:23:23.506		45.2	673
14:23:24.506		45.9	681
14:23:25.506		44.8	683
14:23:26.506	193.2	46.8	676
14:23:27.506	193.3	45.5	681
14:23:28.506	193.4	45.9	679
14:23:29.506	193.6	44.2	680
14:23:30.506	193.7	44	681
14:23:31.506	193.8	43.9	681
14:23:32.506	193.9	42.8	679
14:23:33.506	194.1	42.5	678
14:23:34.506	194.2	42.6	680
14:23:35.506	194.3	42.8	679
14:23:36.506	194.5	32.4	697
14:23:37.506	194.6	23.5	674
14:23:38.506	194.7	25.3	679
14:23:39.506	194.9	27.7	681
14:23:40.506	195	27.6	678
14:23:41.506	195.1	28.2	679
14:23:42.506	195.3	28.2	678
14:23:43.506	195.4	28.4	679
14:23:44.506	195.5	28.5	680
14:23:45.506	195.7	27.8	678
14:23:46.506	195.8	27.5	678

11.5737	219.537347	286.835597	9.3	0.000091	0.00009	0	20	4.6
11.12191	216.944675	290.007036	9.2	0.000087	0.00009	0	20	4.6
11.44429	214.352003	289.81975	9.1	0.000086	0.00009	0	20	4.6
11.57326	211.759331	289.3	8.9	0.000081	0.00009	0	20	4.7
12.00294	209.336884	253.400486	8.2	0.000073	0.00009	0	20	4.7
11.70485	208.635591	288.729294	7.8	0.000066	0.00009	0	19.4	4.7
11.94975	207.934298	288.983971	7.6	0.000064	0.00009	0	19.6	4.7
11.992	207.233005	288.6	7.5	0.000062	0.00009	0	20	4.7
12.11	206.531712	287.350469	7.5	0.000063	0.00009	0	19.4	4.7
11.94305	206.989429	267.994413	7.3	0.000062	0.00009	0	19	4.6
10.6682	208.487396	287.683614	6.9	0.000058	0.00008	0	19.6	4.7
11.40851	209.985363	286.5	6.2	0.00006	0.00008	0	20	4.7
10.78634	211.48333	286.5	5.5	0.000063	0.00008	0	19.4	4.7
10.72268	212.981297	264.408969	4.6	0.000066	0.00008	0	19	4.7
10.67489	214.388174	285.782803	4.4	0.000071	0.00008	0.00001	19	4.7
9.93419	215.779478	285.2	3.4	0.000077	0.00008	0.00002	19	4.7
8.15328	217.170783	284.818642	2.1	0.000066	0.00007	0.00002	19.6	4.7
8.49779	218.562087	284.5	0.6	0.000064	0.00007	0.00001	19.4	4.7
8.46261	219.92047	256.740984	0.2	0.000066	0.00007	0	19.6	4.7
8.62034	221.182162	284.187421	0.7	0.000068	0.00007	0.00001	20	4.7
8.43324	222.443855	283.8	0.9	0.000071	0.00007	0.00001	20	4.7
8.47278	223.705547	283.743535	1	0.000077	0.00007	0.00001	20	4.8
8.63796	224.96724	274.171183	1	0.00008	0.00007	0.00001	20	4.7
8.41646	225.579631	274.982035	1	0.000083	0.00007	0.00001	20	4.7
8.38578	225.853042	282.5	0.9	0.000086	0.00007	0	20	4.7
8.349	226.126452	282.5	1.1	0.000087	0.00007	0	20	4.7
8.7415	226.399863	281.860373	1	0.000087	0.00007	0	20	4.6
8.5558	226.640361	257.929295	0.6	0.000087	0.00007	0	20	4.6
8.52478	226.790964	281.45623	0.6	0.000088	0.00007	0.00001	20	4.6
8.54784	226.941566	281	0.6	0.000088	0.00007	0	20	4.6
8.44	227.092169	281	0.7	0.000088	0.00007	0	20	4.6
8.43375	227.242771	277.225837	0.6	0.000088	0.00007	0	20	4.6
8.41	227.126629	269.035294	0.4	0.000088	0.00007	0	20	4.6
8.38452	226.846999	279.7	0	0.000088	0.00007	0	20	4.6
8.43006	226.567369	279.071257	0.1	0.000087	0.00007	0	20	4.6
8.36936	226.287739	279.364269	0.5	0.000087	0.00007	0	20	4.6
8.513	226.008109	259.212401	0.4	0.000087	0.00007	0	20	4.6
8.83251	224.619022	278.3	0.2	0.000091	0.00007	0	20	4.6
10.80143	223.1968	278.3	0	0.000103	0.00008	0	20	4.6
9.00444	221.774578	278.3	0	0.000095	0.00007	0	20	4.6
8.28912	220.352356	276.054011	0	0.000086	0.00007	0	20	4.6
8.31792	218.68207	261.610324	0	0.000082	0.00006	0	20	4.6
8.45325	216.733175	277.193985	0	0.000077	0.00006	0	20	4.6
8.37527	214.784279	277	0	0.000073	0.00006	0	20	4.6
8.35917	212.835383	276.77821	0	0.000069	0.00006	0	20	4.6
8.4478	210.886488	257.25082	0	0.000065	0.00006	0	20	4.6
8.48116	209.546	276.292569	0	0.000063	0.00006	0	20	4.6
8.33806	208.310362	275.6	0	0.000062	0.00006	0	20	4.6
8.36779	207.074724	275.6	0	0.000061	0.00006	0	20	4.6

87.571848	1	1.42775
91.970674	1	1.42784
96.369501	1	1.42793
100.768328	1	1.42802
105.167155	1	1.42811
111.020992	1	1.4282
119.506923	1	1.42829
127.992854	1	1.42838
136.478785	1	1.42847
144.964716	1	1.42856
151.852075	1	1.42864
158.517308	1	1.42872
165.182541	1	1.4288
171.847775	1	1.42888
177.197391	1	1.42896
178.066957	1	1.42904
178.936522	1	1.42911
179.806087	1	1.42918
180.675652	1	1.42925
171.095001	1	1.42932
155.297555	1	1.42939
139.500108	1	1.42946
123.702662	1	1.42953
107.98125	1	1.4296
104.85625	1	1.42967
101.73125	1	1.42974
98.60625	1	1.42981
95.48125	1	1.42988
93.547527	1	1.42995
92.687312	1	1.43002
91.827097	1	1.43009
90.966882	1	1.43016
90.106667	1	1.43023
89.80743	1	1.4303
89.587602	1	1.43037
89.367773	1	1.43044
89.147945	1	1.43051
90.020281	1	1.43058
93.140406	1	1.43066
96.26053	1	1.43073
99.380655	1	1.4308
102.50078	1	1.43086
106.44634	1	1.43092
110.549125	1	1.43098
114.651911	1	1.43104
118.754697	1	1.4311
122.181384	1	1.43116
123.049251	1	1.43122
123.917119	1	1.43128