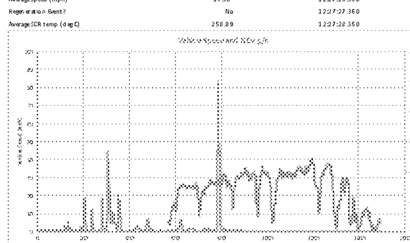
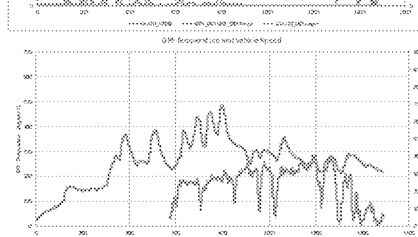
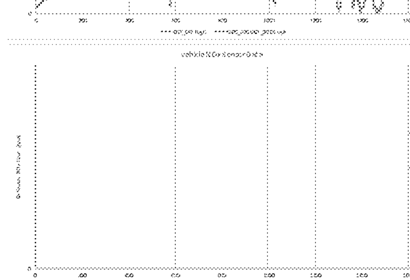
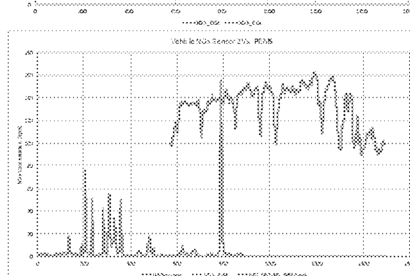
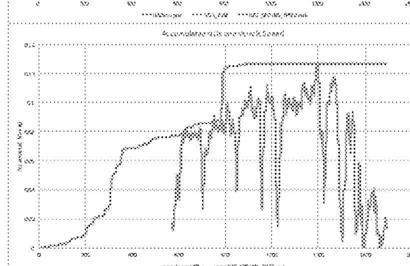
Test Duration (s)	1493
Calculated Test Duration (s)	1493
Average Ambient Temperature (degC)	20.09
Calculated Average Ambient Temperature (degC)	20.12
Total Distance Traveled (mi)	8.079
Calculated Total Distance Traveled (mi)	6.014
Total Fuel Consumed (gal)	0.238
Calculated Total Fuel Consumed (gal)	0.238
Overall Fuel Economy (mpg)	34.03
Calculated Overall Fuel Economy (mpg)	25.32
kNOx (g) (corrected NOx)	0.13
Calculated kNOx (g) (corrected NOx)	0.13
kNOx (g/mi) (corrected NOx)	0.016
Calculated kNOx (g/mi) (corrected NOx)	0.021
THC (g)	1.090
Calculated THC (g)	1.090
THC (g/mi)	0.135
Calculated THC (g/mi)	0.181
1st Measured ECT (degF)	71.6
Test Start Time	12:27:07.360
Test Stop Time	12:51:59.360
Average Speed (mph)	14.50
Regeneration Event?	No
Average SCR temp (degC)	258.89





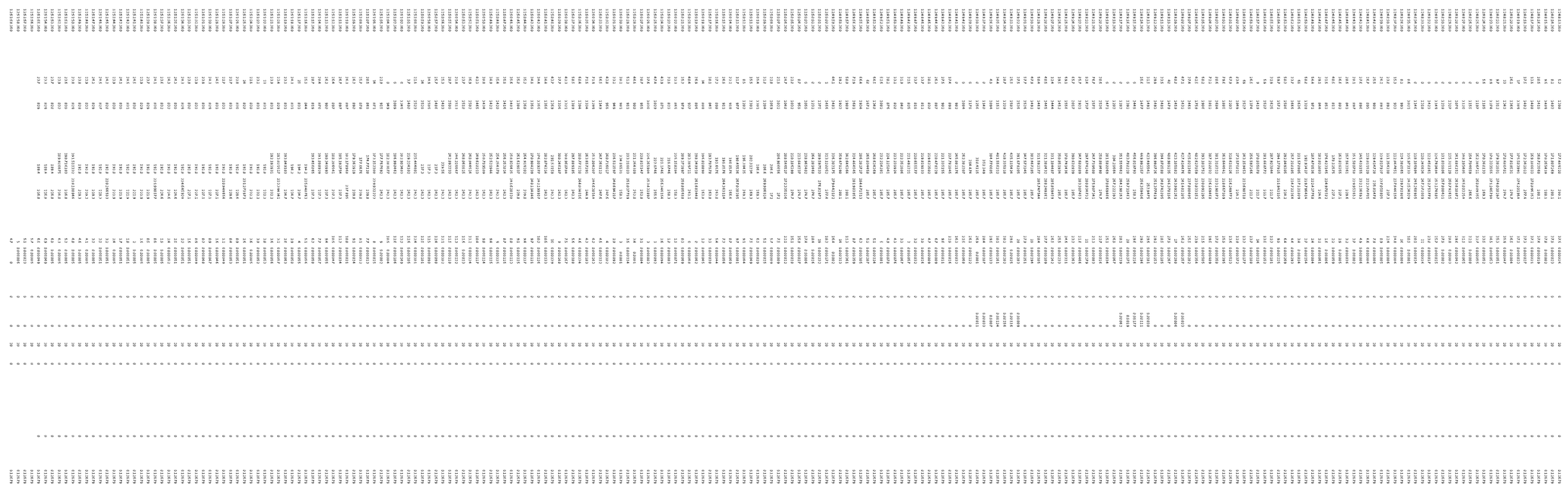






sTIME	iCOOL_TEMP	iENG_LOAD	iENG_SPEED	iVEH_SPEED	iMAF	iEGT_11	iEGT_DPF	iGPS_GROUND_SPEED	iWfgps	iCALCRT_kNOxm	iCALCRT_HCm	iCCB_LAT	iNOxaw	iNOX_DS1	iNOX_DS2	sDPF_REGEN	Accum NOx
hh:mm:ss.xxx	degF	%	rpm		g/s	DegC	DegC	mph	gal/s	g/s	g/s	degC	ppm			0/1	g
12:27:07.360		0	0				25.7		0	0	0	25	1.5			0	0
12:27:08.360		0	0			27.6	25.7		0	0	0	25	1.5			0	0
12:27:09.360		0	0			27.837052	25.7		0.000001	0	0	25	1.5			0	0
12:27:10.360		53.1	434			34.805163	25.7		0.000008	0.00005	0	25	1.5			0	0.00003
12:27:11.360		34.7	985			41.703275	25.7		0.000013	0.00005	0	25	1.5			0	0.00008
12:27:12.360		27.5	992			48.870612	25.823121		0.000011	0.00004	0	25	1.5			0	0.00012
12:27:13.360		34.3	947			61.171144	27.6		0.000009	0.00003	0	25	1.5			0	0.00015
12:27:14.360	71.6	36	928			73.471676	27.6		0.000009	0.00003	0	25	1.6			0	0.00018
12:27:15.360		36.1	922			85.705364	27.690703		0.00001	0.00003	0	25	1.6			0	0.00021
12:27:16.360		35.5	925			93.303766	29.5		0.000026	0.00003	0	25	1.6			0	0.00024
12:27:17.360		35.3	925			100.901169	29.5		0.000044	0.00003	0	25	1.5			0	0.00027
12:27:18.360		35.3	924			108.498571	31.242129		0.00006	0.00003	0	25	1.5			0	0.0003
12:27:19.360		35.3	926			113.124236	31.407578		0.00007	0.00003	0	25	1.5			0	0.00033
12:27:20.360		35.3	925			117.533887	33.144424		0.000075	0.00003	0	25	1.5			0	0.00036
12:27:21.360		34.6	924			121.955570	35.037363		0.000078	0.00003	0	25	1.5			0	0.00039
12:27:22.360		34.8	925			124.35982	35.1		0.000079	0.00003	0	25	1.5			0	0.00042
12:27:23.360		34.9	927			126.593898	36.9725		0.000079	0.00003	0	25	1.6			0	0.00045
12:27:24.360		34.9	923			128.827976	38.929429		0.00008	0.00003	0	25	1.6			0	0.00048
12:27:25.360		34.3	924			130.310065	39		0.00008	0.00003	0	25	1.6			0	0.00051
12:27:26.360		34.7	926			131.729419	40.663364		0.000077	0.00003	0	25	1.6			0	0.00054
12:27:27.360		35.5	925			133.148774	40.9		0.000071	0.00003	0.00005	25	1.6			0	0.00057
12:27:28.360		37.1	931			134.568306	42.520257		0.000067	0.00003	0.00006	25	1.6			0	0.0006
		38.7	913			135.988319	42.8		0.000064	0.00003	0.00008	25	1.6			0	0.00063
		42.8	892			137.405132	42.8		0.000066	0.00003	0.00009	25	1.6			0	0.00066
		52	923			141.074372	42.8		0.000074	0.00003	0.00013	25	1.6			0	0.00069
		48.9	965			145.596985	44.216393		0.000079	0.00003	0.00017	25	1.6			0	0.00072
		41.8	982			150.119598	44.7		0.000085	0.00003	0.00021	25	1.6			0	0.00075
		50	951			157.212	46.49313		0.000104	0.00003	0.00027	25	1.6			0	0.00078
		53.4	977			165.212	46.8		0.00011	0.00003	0.00029	25	1.6			0	0.00081
		47.5	1000			173.212	48.239632		0.000109	0.00003	0.00028	25	1.6			0	0.00084
		47.2	975			176.905879	48.6		0.00011	0.00003	0.00025	25	1.6			0	0.00087
		46.7	956			179.276521	50.187273		0.000113	0.00003	0.00021	25	1.6			0	0.0009
		49.2	974			181.644163	50.6		0.000115	0.00003	0.00018	25	1.6			0	0.00093
		48.3	985			182.842589	50.6		0.000113	0.00003	0.00016	25	1.6			0	0.00096
		46.3	959			183.593658	50.6		0.000107	0.00003	0.00018	25	1.6			0	0.00099
		45.9	912			184.343527	51.718301		0.000106	0.00003	0.00017	25	1.6			0	0.00102
		46.2	915			184.7	52.6		0.000105	0.00003	0.00019	25	1.6			0	0.00105
		46.9	915			184.7	53.874179		0.000104	0.00003	0.00019	25	1.6			0	0.00108
		39.9	940			184.7	54.7		0.000099	0.00003	0.00019	25	1.6			0	0.00111
		34.3	951			182.233422	54.7		0.000093	0.00003	0.00014	25	1.6			0	0.00114
		34.9	926			178.222727	54.7		0.000089	0.00003	0.00009	25	1.6			0	0.00117
		34.7	917			174.212032	55.969565		0.00009	0.00003	0.00009	25	1.6			0	0.0012
		34.2	916			170.829631	56.7		0.00009	0.00003	0.00007	25	1.6			0	0.00123
		33.7	917			167.827955	56.7		0.000085	0.00002	0.00009	25	1.6			0	0.00125
		33.7	915			164.826279	57.602266		0.000082	0.00002	0.0001	24.4	1.5			0	0.00127
		33.6	915			162.455437	58.8		0.000079	0.00002	0.0001	24	1.5			0	0.00129
		33.5	915			160.935519	58.8		0.000077	0.00002	0.0001	24	1.4			0	0.00131
		34.1	911			159.422201	58.8		0.000076	0.00002	0.00008	24	1.4			0	0.00133
		34	914			157.911	58.8		0.000076	0.00002	0.00007	24	1.4			0	0.00135
		33.5	912			156.411	59.38803		0.000074	0.00002	0.00003	24	1.4			0	0.00137
		33.7	910			154.911	60.8		0.000072	0.00002	0.00002	24	1.4			0	0.00139
		33.4	913			153.6	60.8		0.000071	0.00002	0.00001	24	1.4			0	0.00141
		34.4	906			153.6	61.081558		0.000072	0.00002	0	24	1.4			0	0.00143
		33.5	911			153.6	62.830266		0.000072	0.00002	0	24	1.4			0	0.00145
		32.6	911			153.6	63		0.000071	0.00002	0	24	1.4			0	0.00147
		32.9	907			152.813759	63		0.000071	0.00002	0	24	1.4			0	0.00149
		32.9	905			151.992156	63		0.000071	0.00002	0	24	1.4			0	0.00151
		32.3	911			151.186575	63.403909		0.000071	0.00002	0	24	1.4			0	0.00153
		32.6	902			150.395904	65		0.000071	0.00002	0	24	1.5			0	0.00155
		33	902			149.611133	65		0.000071	0.00002	0	24	1.5			0	0.00157
		33.3	904			149	65		0.00007	0.00002	0	24	1.5			0	0.00159
		33.3	903			149	65		0.00007	0.00002	0	24	1.5			0	0.00161
		33.3	905			149	65.651961		0.000069	0.00002	0	24	1.5			0	0.00163
		34	904			149	67.1		0.000069	0.00002	0	24	1.5			0	0.00165
		32.2	903			149	67.1		0.000068	0.00002	0.00002	24	1.5			0	0.00167
		32.9	903			149	67.1		0.000069	0.00002	0.00004	24	1.5			0	0.00169
		32.5	904			149	67.1		0.000069	0.00002	0.00006	24	1.5			0	0.00171
		32.9	903			149	67.1		0.000069	0.00002	0.0001	24	1.5			0	0.00173
		35.3	905			149	67.1		0.000071	0.00002	0.00011	24	1.5			0	0.00175
		38.1	895			150.06217	67.632		0.000072	0.00002	0.00014	24	1.5			0	0.00177
		54.1	871			154.786371	69.1		0.000087	0.00003	0.00017	24	1.5			0	0.0018
		48.6	975			159.513572	69.1		0.000091	0.00003	0.0002	24	1.5			0	0.00183
		45.7	942			164.506388	69.1		0.000089	0.00003	0.00019	24	1.5			0	0.00186
		46.6	985			170.342023	69.812951		0.00009	0.00003	0.00019	24	1.5			0	0.00189
		45.3	975			176.177659	71.2		0.000103	0.00003	0.00018	24	1.5			0	0.00192
		43.8	943			180.83587	71.2		0.000103	0.00003	0.00013	24	1.5			0	0.00195
		47.5	954			183.270277	71.2		0.00011	0.00003	0.00014	24	1.5			0	0.00198
		57.1	1131			185.703284	71.2		0.000122	0.00003	0.00015	24	1.5			0	0.00201
		58.9	1189			190.815323	72.130931		0.00011	0.00003	0.00018	24	1.5			0	0.00204
		53.8	1231			199.557258	73.2		0.000094	0.00002	0.00017	24	1.5			0	0.00206
		53.6	1227			208.299194	73.993928		0.000086	0.00002	0.00016	24	1.6			0	0.00208
		54.1	1209			212.795611	75.3		0.000086	0.00002	0.00015	24	1.6			0	0.0021
		49.1	1184			208.474413	75.3		0.00009	0.00002	0.00018	24	1.6			0	0.00212
		38.7	1032			204.153215	75.3		0.00011	0.00002	0.00042	23.4	1.6			0	0.00214
		30.2	982			199.510798	75.3		0.000115	0.00002	0.00091	23	1.6			0	0.00216
		26	952			194.357423	75.3		0.00012	0.00002	0.0015	23	1.6			0	0.00218
		31.1	919			189.204049	75.633656		0.000124	0.00003	0.002	23	1.7			0	0.00221
		38.6	988			184.507665	77.3		0.000125	0.00003	0.00216	23	1.7			0	0.00224
		36	1013			182.981195	77.3		0.000117	0.00003	0.00187	23	1.6			0	0.00227
		34.5	1015			181.454726	77.3		0.000107	0.00003	0.00111	23	1.7			0	0.0023
		36.5	1033			180	77.496364		0.0001	0.00003	0.00062	23	1.7			0	0.00233
		36.8	1058			180	79.4		0.000096	0.00003	0.00036	23	1.7			0	0.00236
		38.8	1068			180	79.4		0.000086	0.00003	0.00022	23	1.7			0	0.00239
		49.5	1049			180	79.4		0.000079	0.00002	0.00019	23	1.7			0	0.00241
		56.8	1050			185.009429	79.4		0.000074	0.00002	0.00019	23	1.7			0	0.00243
		59.2	1105			190.814597	80.9159		0.000078	0.00002	0.00022	23	1.7			0	0.00245
		61	1161			196.610765	81.5		0.000083	0.00003	0.00019	23	1.7			0	0.00248
		65.2	1184			204.115634	82.875352		0.0001	0.00003	0.00024	23	1.7			0	0.00251
		64.6	1196			212.705058	83.6		0.00012	0.00003	0.00044	23	1.7			0	0.00254
		62	1215			221.305502	84.866451		0.000117	0.00003	0.00074	23	1.6			0	0.00257
		65.1	1223			226.532797	85.6		0.000125	0.00003	0.00093	23	1.6			0	0.0026
		62.6	1214			229.686195	86.711667		0.000141	0.00003	0.00095	23	1.6			0	0.00263
		55.2	1226			232.833593	87.7		0.000126	0.00002	0.00086	23	1.6			0	0.00265
		57.3	1227			233.695714	88.68022		0.000122	0.00002	0.00104	23	1.6			0	0.00267
		54	1305			231.222182	89.7		0.000124	0.00002	0.00107	23	1.6			0	0.00269
		54.7	1207			228.760649	90.46393		0.000124	0.00002	0.00095	23	1.6			0	0.00271
		53.9	1227			227.1	91.8		0.000125	0.00002	0.00129	23	1.6			0	0.00273
		57.4	1224			227.1	91.8		0.000132	0.00003	0.00175	23	1.8			0	0.00276
		60.6	1164			227.1	92.517019		0.000133	0.00003	0.00198	23	1.9			0	0.00279
		63.5	1180			228.18433	93.8		0.000138	0.00003	0.00201	23	2.2			0	0.00282
		55.8	1180			231.506325	94.433962		0.00014	0.00004	0.00183	23	2.5			0	0.00286
		57.7	1197			234.81632	95.9		0.000152	0.00005	0.00157	23	3.1			0	0.00291
		65.7	1212			238.376676	96.553465		0.000171	0.00006	0.00143	23	3.3			0	0.00297
		62.9	1222			242.66622	98.622166		0.000183	0.00006	0.00148	23	3.3			0	0.00303
		71.9	1286			246.955764	100.1		0.000228	0.00008	0.00173	23	3.3			0	0.00311
		90.5	1350			259.424766	100.769565		0.000323	0.00011	0.00199	23	3.3			0	0.00322
		82.4	1514			294.340984	103.421792		0.000453	0.00014	0.00224	23	3.2			0	0.00336
		85.1	1524			329.373202	107.034951		0.000532	0.00016	0.00229	23	3.2			0	0.00352
		72	1557			358.919790	109.969492		0.000551	0.00018	0.0022	22.4	3.5			0	0.0037
12:29:06.360		62.4	1546			362.053133	115.068679		0.000463	0.00015	0.0004	22	3.5			0	0.00385
12:29:07.360		69.8	1474			365.182424	121.027273		0.000325	0.00011	0.00018	22	3.4			0	0.00396
12:29:08.360		53.3	1362			363.721626	125.781062		0.000228	0.00007	0.00013	22	3			0	0.00403
12:29:09.360		44.4	1320			343.423794	130.426532		0.000356	0.00005	0.00036	22	2.8			0	0.00408
12:29:10.360		52	1338			323.125963	133.734066		0.000159	0.00005	0.00024	22	2.6			0	0.00413
12:29:11.360		42.3	1232			304.423332	135.864254		0.000158	0.00004	0.00056	22	2.5			0	0.00417
12:29:12.360		56.8	1219			299.033701	138.248635		0.000175	0.00005	0.00139	22	2.4			0	0.00422
12:29:13.360		69.2	1280			293.644091	140.295361		0.000186	0.00005	0.00195	22	2.4			0	0.00427
12:29:14.360		66.8	1280			288.261568	144.551548		0.000197	0.00005	0.00167	22	2.3			0	0.00432
12:29:15.360		64.1	1246			283.132269	146.734928		0.000178	0.00004	0.00107	22	2.3			0	0.00436
12:29:16.360		60.5	1344			278.01407	148.728099		0.000168	0.00004	0.00079	22	2.3			0	0.0044
12:29:17.360		55.4	1275			272.891471	150.891533		0.000153	0.00004	0.00078	22	2.2			0	0.00444
12:29:18.360		46.9	1142			262.751146	153.292039		0.000135	0.00003	0.00109	22	2.2			0	0.00447
12:29:19.360		44.4	1128			251.553985	153.6		0.000128	0.00009	0.00195	22	5.8			0	0.00456
12:29:20.360		50.3	936			240.356825	153.6		0.000145	0.00023	0.00248	22	14.8			0	0.00479
12:29:21.360		32	854			233.695606	153.6		0.000155	0.0003	0.00278	22	17.7			0	0.00509
12:29:22.360		33.3	892			228.745545	155.340575		0.000134	0.00027	0.00262	22	17.7			0	0.00536
12:29:23.360		35.4	881			223.792184	156		0.000127	0.00022	0.00252	22	14.8			0	0.00558
12:29:24.360		36.3	923			219.77829	156		0.000129	0.00018	0.00249	22	13.4			0	0.00576
12:29:25.360		37.3	972			216.345103	156		0.000127	0.00015	0.00179	22	9.3			0	0.00591
12:29:26.360		34.9	956			212.911935	156		0.000114	0.00012	0.00095	22	7.2			0	0.00603
12:29:27.360		46.5	945			210.607384	156		0.000106	0.00009	0.00049	22	5.7			0	0.00612
12:29:28.360		66.8	894			208.410642	156		0.000137	0.00009	0.0003	22	4.7			0	0.00621
12:29:29.360		73.2	963			207.329501	156		0.000131	0.00009	0.00024	22	4.2			0	0.0063
12:29:30.360		73.4	1041			212.069323	156		0.000124	0.00008	0.00022	22	3.6			0	0.00638
12:29:31.360		57.4	947			222.712548	157.455273		0.000123	0.00006	0.00021	22	3.3			0	0.00644
12:29:32.360		41.3	963			232.635774	158.4		0.000123	0.00005	0.00016	22	3.1			0	0.00649
12:29:33.360		37.9	992			235.577115	158.4		0.000128	0.00005	0.00015	22	2.8			0	0.00654
12:29:34.360		42.9	958			232.307895	157.16951		0.000129	0.00005	0.00017	22	2.7			0	0.00659
12:29:35.360		66.5	941			229.003654	156		0.000134	0.00005	0.00023	22	2.7			0	0.00664
12:29:36.360		61.7	953			227.732835	156		0.000133	0.00005	0.00029	22	2.6			0	0.00669
12:29:37.360		49.1	973			229.287713	156		0.000121	0.00005	0.00024	22	2.5			0	0.00674
12:29:38.360		40.4	929			230.042593	156		0.000114	0.00004	0.00019	22	2.4			0	0.00678
12:29:39.360		40.6	894			231.797758	156		0.000112	0.00004	0.00013	22	2.3			0	0.00682
12:29:40.360		41.4	886			228.595	155.700253		0.000113	0.00004	0.00013	22	2.2			0	0.00686
12:29:41.360		38.9	976			225.396242	153.674637		0.000116	0.00004	0.00011	22	2.2			0	0.0069
12:29:42.360		41.1	987			222.197484	153.6		0.000107	0.00004	0.00012	22	2.2			0	0.00694
12:29:43.360		38.9	921			218.231561	153.6		0.000098	0.00003	0.00013	22	2.1			0	0.00697
12:29:44.360		36.8	887			214.186975	153.6		0.000094	0.00003	0.00013	22	2			0	0.007
12:29:45.360		35.6	885			210.142389	153.6		0.000092	0.00003	0.00015	22	2			0	0.00703
12:29:46.360		35.3	883			206.624045	153.6		0.000088	0.00003	0.00014	22	2			0	0.00706
12:29:47.360		36	875			203.40379	152.060873		0.000086	0.00003	0.00017	22	2			0	0.00709
12:29:48.360		37.1	874			200.123535	151.3		0.000083	0.00003	0.00017	22	1.9			0	0.00712
12:29:49.360		37.6	877			197.930306	151.3		0.00008	0.00003	0.00019	21.4	1.9			0	0.00715
12:29:50.360		37.1	881			196.303745	151.3		0.000078	0.00003	0.0002	21	1.8			0	0.00718
12:29:51.360		34.9	884			194.837183	151.3		0.000077	0.00003	0.00018	21	1.8			0	0.00721
12:29:52.360		34.3	883			192.803746	151.3		0.000077	0.00003	0.00019	21	1.8			0	0.00724
12:29:53.360		34.4	878			190.429164	149.909394		0.000077	0.00003	0.00017	21	1.8			0	0.00727
12:29:54.360		33.5	878			188.054582	149		0.000076	0.00003	0.00018	21	1.8			0	0.0073
12:29:55.360		32.6	875			186.20728	149		0.000074	0.00003	0.00018	21	1.8			0	0.00733
12:29:56.360		32.3	878			184.703749	149		0.000074	0.00003	0.00019	21	1.8			0	0.00736
12:29:57.360		32.1	879			183.204217	149		0.000073	0.00003	0.0002	21	1.8			0	0.00739
12:29:58.360		33.6	880			181.690793	149		0.000071	0.00002	0.0002	21	1.7			0	0.00741
12:29:59.360		32	879			180.156266	149		0.00007	0.00002	0.00021	21	1.6			0	0.00743
12:30:00.360		31.5	875			178.621739	149		0.00007	0.00002	0.00021	21	1.6			0	0.00745
12:30:01.360		32.2	873			177.281227	148.373333		0.00007	0.00002	0.00022	21	1.6			0	0.00747
12:30:02.360		32.2	876			176.467943	146.6		0.00007	0.00002	0.00022	21	1.6			0	0.00749
12:30:03.360		34.6	884			175.654659	146.6		0.000074	0.00002	0.00024	21	1.5			0	0.00751
12:30:04.360		44.4	998			177.065631	146.6		0.000077	0.00003	0.00026	21	1.5			0	0.00754
12:30:05.360		55.3	1062			183.245661	146.6		0.000066	0.00002	0.0002	21	1.5			0	0.00756
12:30:06.360		55	1126			189.428091	146.013387		0.000067	0.00002	0.00021	21	1.5			0	0.00758
12:30:07.360		57.5	1149			194.94495	144.4		0.000067	0.00002	0.00019	21	1.4			0	0.0076
12:30:08.360		56.5	1174			198.212277	144.4		0.000073	0.00002	0.00018	21	1.4			0	0.00762
12:30:09.360		53.9	1126			201.479604	144.4		0.000079	0.00002	0.00022	21	1.4			0	0.00764
12:30:10.360		44.8	1144			203.341309	144.4		0.000088	0.00002	0.00047	21	1.5			0	0.00766
12:30:11.360		40.2	1145			199.509533	144.4		0.000097	0.00002	0.00089	21	1.5			0	0.00768
12:30:12.360		37.4	1079			195.677757	144.4		0.000099	0.00002	0.00135	21	1.5			0	0.0077
12:30:13.360		31.4	1009			191.845981	144.4		0.000103	0.00002	0.00173	21	1.5			0	0.00772
12:30:14.360		29.2	952			188.144183	144.209076		0.000109	0.00005	0.00211	21	4			0	0.00777
12:30:15.360		26.6	907			184.443984	142.457424		0.000106	0.00011	0.0022	21	7.7			0	0.00788
12:30:16.360		32.5	928			180.743744	142.2		0.000133	0.00015	0.0023	21	9.7			0	0.00803
12:30:17.360		38.2	1012			181.872244	142.2		0.000115	0.00017	0.00205	21	10.7			0	0.0082
12:30:18.360		44.9	1039			184.215479	142.2		0.000098	0.00016	0.00144	21	10.6			0	0.00836
12:30:19.360		55.7	1070			186.550713	142.2		0.000093	0.00013	0.00102	21	9.2			0	0.00849
12:30:20.360		61.3	1175			194.039694	142.2		0.000112	0.00013	0.00073	21	7			0	0.00862
12:30:21.360		59.1	1249			203.064603	142.2		0.000101	0.00009	0.00033	21	5.4			0	0.00871
12:30:22.360		63.2	1264			212.088332	142.2		0.000105	0.00007	0.00019	21	4.3			0	0.00878
12:30:23.360		68.1	1237			220.497196	140.438256		0.000132	0.00006	0.00017	21	3.4			0	0.00884
12:30:24.360		62.8	1236			228.708858	140		0.000159	0.00006	0.00091	21	3.1			0	0.0089
12:30:25.360		59.3	1272			236.924519	141.464293		0.000142	0.00005	0.00145	21	2.8			0	0.00895
12:30:26.360		61.3	1298			239.247093	142.2		0.000144	0.00004	0.00134	21	2.7			0	0.00899
12:30:27.360		56	1327			238.396461	142.2		0.000141	0.00004	0.00107	21	2.7			0	0.00903
12:30:28.360		53.7	1368			237.545832	142.2		0.000141	0.0001	0.00167	21	6.6			0	0.00913
12:30:29.360		22	1347			223.45557	142.2		0.000149	0.00053	0.00294	21	33.5			0	0.00966
12:30:30.360		8.4	1252			204.05321	142.2		0.000153	0.00095	0.00345	21	58.7			0	0.01061
12:30:31.360		6.3	1112			184.637251	142.2		0.000138	0.0011	0.00363	21	73.7			0	0.01171
12:30:32.360		8.9	907			173.184666	142.2		0.000116	0.00104	0.00361	21	75.7			0	0.01275
12:30:33.360		8.3	876			169.421731	142.2		0.000102	0.0009	0.00304	21	62.3			0	0.01365
12:30:34.360		30.6	896			165.658796	142.2		0.000072	0.00056	0.0016	21	44.6			0	0.01421
12:30:35.360		45	1030			168.645015	142.2		0.000073	0.00046	0.00112	21	29.9			0	0.01467
12:30:36.360		64.2	1239			185.973185	142.2		0.000088	0.00035	0.00092	21	17.2			0	0.01502
12:30:37.360		65.9	1337			203.301355	142.781009		0.000116	0.00024	0.00054	21	10.4			0	0.01526
12:30:38.360		62.8	1276			216.605879	144.4		0.00014	0.00013	0.00036	21	6.4			0	0.01539
12:30:39.360		53.7	801			215.7275	144.4		0.00012	0.00007	0.00025	21	4.7			0	0.01546
12:30:40.360		39	1100			214.849122	144.4		0.000118	0.00005	0.00024	21	3.9			0	0.01551
12:30:41.360		31.7	793			212.874203	144.4		0.000141	0.00006	0.00044	21	3.4			0	0.01557
12:30:42.360		32.8	870			207.794522	144.4		0.000121	0.00005	0.00115	21	3.1			0	0.01562
12:30:43.360		28.5	862			202.714841	144.4		0.000109	0.00004	0.0018	21	3			0	0.01566
12:30:44.360		30.2	856			198.29414	144.4		0.000103	0.00004	0.0023	21	2.9			0	0.0157
12:30:45.360		30.4	852			195.860966	144.4		0.000099	0.00004	0.00241	21	2.9			0	0.01574
12:30:46.360		31.4	863			193.427793	144.4		0.000096	0.00004	0.00203	21	2.8			0	0.01578
12:30:47.360		33.5	911			192.540422	144.4		0.0001	0.00004	0.00138	21	2.7			0	0.01582
12:30:48.360		46.7	1046			194.777347	144.4		0.000092	0.00004	0.00076	21	2.6			0	0.01586
12:30:49.360		48.3	1111			197.014272	144.4		0.000076	0.00004	0.00043	21	2.6			0	0.0159
12:30:50.360		55	1138			199.665976	144.4		0.000074	0.00004	0.00035	21	2.5			0	0.01594
12:30:51.360		59.7	1153			204.544802	144.4		0.000078	0.00004	0.00032	21	2.5			0	0.01598
12:30:52.360		60	1167			209.423629	144.4		0.000084	0.00004	0.00035	21	2.5			0	0.01602
12:30:53.360		57.3	1163			214.145977	144.4		0.000089	0.00003	0.00063	21	2.4			0	0.01605
12:30:54.360		53.4	1184			211.62206	144.4		0.000093	0.00003	0.00099	21	2.4			0	0.01608
12:30:55.360		41.5	1187			209.097143	144.4		0.000107	0.00003	0.00131	21	2.4			0	0.01611
12:30:56.360		36.3	1104			206.581839	144.4		0.000114	0.00003	0.00176	21	2.4			0	0.01614
12:30:57.360		38.8	1206			204.930619	144.4		0.00012	0.00013	0.0024	21	8.2			0	0.01627
12:30:58.360		45.5	1226			203.279799	144.4		0.00012	0.00037	0.00302	21	25.7			0	0.01664
12:30:59.360		49.4	1261			201.62878	144.4		0.000116	0.00064	0.00333	21	44.5			0	0.01728
12:31:00.360		49.5	1298			202.97312	146.493267		0.000114	0.00075	0.00331	21	53.3			0	0.01803
12:31:01.360		51.2	1334			204.570865	146.6		0.000116	0.00073	0.00273	21	42.4			0	0.01876
12:31:02.360		53.1	1370			206.168609	146.6		0.000122	0.00056	0.00245	20.4	36.4			0	0.01932
12:31:03.360		48.9	1401			206.6	146.6		0.00013	0.00049	0.00266	20.6	31.1			0	0.01981
12:31:04.360		45.3	1422			206.6	146.6		0.000137	0.00049	0.00318	20.5	29.9			0	0.0203
12:31:05.360		41	1435			206.6	146.6		0.000144	0.00045	0.00362	20	26.8			0	0.02075
12:31:06.360		37.4	1440			199.573177	146.6		0.000144	0.00031	0.0039	20	18.1			0	0.02106
12:31:07.360		16.1	1404			189.840736	146.6		0.000143	0.00019	0.00419	20	10.9			0	0.02125
12:31:08.360		0.1	1270			180.108294	146.6		0.000135	0.00004	0.00433	20	2.3			0	0.02129
12:31:09.360		0	1052			170.571485	146.6		0.000115	0	0.0036	20	0.2			0	0.02129
12:31:10.360		38.1	848			161.105111	146.6		0.000098	0	0.00302	20	0.2			0	0.02129
12:31:11.360		33.7	834			151.640817	146.6		0.000083	0	0.00209	20	0.2			0	0.02129
12:31:12.360		34.5	845			152.167009	146.6		0.000065	0	0.00115	20	0.2			0	0.02129
12:31:13.360		35.8	832			156.559533	146.6		0.000054	0	0.00065	20	0.2			0	0.02129
12:31:14.360		36.5	815			160.952056	146.6		0.000053	0	0.00041	20	0.2			0	0.02129
12:31:15.360		35.5	829			164.286482	146.6		0.000062	0	0.0003	20	0.2			0	0.02129
12:31:16.360		35.3	832			165.608365	145.64178		0.000069	0	0.00026	20	0.3			0	0.02129
12:31:17.360		35.7	833			168.930248	144.4		0.000074	0.00001	0.00023	20	0.4			0	0.0213
12:31:18.360		46.3	843			172.865871	144.4		0.000079	0.00001	0.00023	20	0.7			0	0.02131
12:31:19.360		70.1	902			179.584267	144.4		0.000089	0.00001	0.00026	20	0.9			0	0.02132
12:31:20.360		59.7	973			186.303862	144.4		0.000097	0.00002	0.0003	20	1.1			0	0.02134
12:31:21.360		39.4	960			192.079451	144.4		0.000092	0.00002	0.00031	20	1.2			0	0.02136
12:31:22.360		40.7	879			193.614897	144.4		0.000093	0.00002	0.00031	20	1.2			0	0.02138
12:31:23.360		39.2	845			195.150343	144.4		0.000106	0.00002	0.00034	20	1.3			0	0.0214
12:31:24.360		42.4	979			196.701734	144.4		0.000106	0.00002	0.00033	20	1.3			0	0.02142
12:31:25.360		43.1	960			198.365956	144.4		0.000103	0.00002	0.00038	20	1.3			0	0.02144
12:31:26.360		36.9	877			200.036179	144.4		0.000097	0.00002	0.00036	20	1.3			0	0.02146
12:31:27.360		39.3	875			202.507159	144.4		0.000114	0.00002	0.00044	20	1.3			0	0.02148
12:31:28.360		51.4	1162			210.76256	144.4		0.000134	0.00003	0.00059	20	1.3			0	0.02151
12:31:29.360		59.2	1382			219.017962	144.4		0.000156	0.00003	0.00071	20	1.3			0	0.02154
12:31:30.360		59.1	1474			227.434426	144.4		0.00022	0.00005	0.00086	20	1.4			0	0.02159
12:31:31.360		59.3	1453			243.359485	144.4		0.000315	0.00005	0.00098	20	1.4			0	0.02164
12:31:32.360		38	1426			259.284543	144.547253		0.000207	0.00004	0.00081	20	1.5			0	0.02168
12:31:33.360		26.1	1358			273.943552	146.6		0.000173	0.00003	0.00082	20	1.7			0	0.02171
12:31:34.360		3.3	1239			250.465793	146.6		0.00014	0.00003	0.00065	20	1.8			0	0.02174
12:31:35.360		0.1	1055			226.983034	146.6		0.000119	0.00003	0.00105	20	1.9			0	0.02177
12:31:36.360		32.2	973			207.019439	146.6		0.000099	0.00003	0.00184	20	2			0	0.0218
12:31:37.360		58.9	1142			210.197089	146.6		0.000117	0.00004	0.00215	20	2.1			0	0.02184
12:31:38.360		34.8	1200			213.374579	146.6		0.00008	0.00003	0.00193	20	2.1			0	0.02187
12:31:39.360		37.4	839			216.55215	148.909703		0.000071	0.00003	0.00113	20	2			0	0.0219
12:31:40.360		33.1	823			213.6652	149		0.000079	0.00003	0.00069	20	2			0	0.02193
12:31:41.360		34	841			210.2552	149		0.00009	0.00003	0.00051	20	2			0	0.02196
12:31:42.360		49.3	888			206.8652	149		0.00011	0.00003	0.00079	20	2			0	0.02199
12:31:43.360		58.5	1033			212.902434	149		0.000139	0.00004	0.00145	20	2			0	0.02203
12:31:44.360		53.2	1259			219.738046	149		0.000141	0.00004	0.00128	20	2			0	0.02207
12:31:45.360		48.9	1361			226.573658	149		0.000133	0.00004	0.00072	20	2			0	0.02211
12:31:46.360		54.6	1497			235.964025	151.21507		0.000142	0.00004	0.00053	20	2			0	0.02215
12:31:47.360		71.7	1703			245.359178	151.3		0.00023	0.00006	0.00139	20	2			0	0.02221
12:31:48.360		50	1406			254.85433	153.526784		0.000278	0.00052	0.00294	20	15.8			0	0.02273
12:31:49.360		50.2	1496			260.63697	153.6		0.000282	0.00112	0.003	20	34.6			0	0.02385
12:31:50.360		44.6	1597			266.092698	153.6		0.000234	0.00111	0.00183	20	42.5			0	0.02496
12:31:51.360		6.4	1541			271.572425	155.909613		0.000196	0.00074	0.001	20	33.6			0	0.0257
12:31:52.360		0.4	1393			245.173941	158.279171		0.000156	0.00042	0.00115	20	22.2			0	0.02612
12:31:53.360		0	1222			216.075431	158.4		0.000117	0.00022	0.00214	20	13.2			0	0.02634
12:31:54.360		0	1035			186.982922	158.4		0.000084	0.00013	0.00177	20	8.7			0	0.02647
12:31:55.360		23.6	855			178.172197	158.4		0.000063	0.00009	0.00116	20	6.3			0	0.02656
12:31:56.360		33.3	820			175.769509	158.4		0.000048	0.00007	0.0007	20	4.9			0	0.02663
12:31:57.360		33.2	873			173.365522	158.4		0.000041	0.00006	0.00048	20	3.8			0	0.02669
12:31:58.360		37.2	925			174.890909	158.4		0.000039	0.00005	0.00038	20	3.4			0	0.02674
12:31:59.360		39	935			177.921212	158.4		0.000045	0.00005	0.00029	20	2.9			0	0.02679
12:32:00.360		47	992			180.951515	158.4		0.000069	0.00005	0.00029	20	2.6			0	0.02684
12:32:01.360		58.9	1162			192.710982	158.4		0.0001	0.00005	0.00029	20	2.3			0	0.02689
12:32:02.360		62.5	1276			211.465509	159.807102		0.000118	0.00005	0.00029	20	2.1			0	0.02694
12:32:03.360		52.3	1251			230.220035	160.7		0.00013	0.00004	0.00027	20	1.9			0	0.02698
12:32:04.360		49.2	1134			238.936339	160.7		0.000132	0.00003	0.00023	20	1.8			0	0.02701
12:32:05.360		49.4	1185			241.565097	160.7		0.000161	0.00004	0.00033	20	1.8			0	0.02705
12:32:06.360		45.6	1034			244.197255	160.7		0.000157	0.00003	0.0009	20	1.8			0	0.02708
12:32:07.360		69.3	1205			266.575512	160.7		0.000273	0.00006	0.00378	20	1.9			0	0.02714
12:32:08.360		82.3	1563			296.145469	162.587273		0.000434	0.00041	0.00473	20	9.3			0	0.02755
12:32:09.360		76.5	1854			325.717436	163.1		0.000583	0.00112	0.0046	20	19.1			0	0.02867
12:32:10.360		74.6	2165			344.93117	165.017938		0.00068	0.00163	0.00361	20	23.5			0	0.0303
12:32:11.360		75.9	2064			359.914598	168.68686		0.000567	0.00246	0.00259	20	39.6			0	0.03276
12:32:12.360		77.2	1711			374.835625	173.373146		0.000427	0.00268	0.00202	20	54.3			0	0.03544
12:32:13.360		73.1	1784			384.19409	176.890657		0.000471	0.00267	0.00186	20	51.9			0	0.03811
12:32:14.360		69.5	1897			390.336189	182.505391		0.000486	0.00187	0.00158	20	35.5			0	0.03998
12:32:15.360		59.7	1983			396.478287	187.814515		0.000442	0.00097	0.00133	20	20			0	0.04095
12:32:16.360		47.4	1812			391.305686	192.5624		0.000345	0.00065	0.00116	20	18.7			0	0.0416
12:32:17.360		51	1520			379.264772	196.838527		0.000306	0.00101	0.00149	20	28.4			0	0.04261
12:32:18.360		65.5	1442			367.220059	201.639275		0.000287	0.00181	0.00163	20	54.8			0	0.04442
12:32:19.360		68.9	1457			360.436047	205.510448		0.000293	0.0017	0.00123	20	53.2			0	0.04612
12:32:20.360		69.9	1469			358.409468	209.253889		0.000298	0.00119	0.00093	20	32.1			0	0.04731
12:32:21.360		71	1480			356.39289	214.348922		0.000294	0.00068	0.00089	20	22			0	0.04799

12:32:22.360	73.3	1490	355.4	218.396169		0.000305	0.00041	0.00105	20	12.9	0	0.0484
12:32:23.360	76.2	1501	355.4	222.010262		0.000316	0.00039	0.00136	20	8.1	0	0.04869
12:32:24.360	77.7	1519	355.4	225.74604		0.000336	0.00037	0.0016	20	0	0	0.04896
12:32:25.360	72.9	1532	354.595607	228.23024		0.00033	0.00027	0.00162	20	5.1	0	0.04923
12:32:26.360	70.2	1549	352.643197	230.524763		0.000314	0.00036	0.00157	20	13.2	0	0.04959
12:32:27.360	66.7	1560	350.690787	233.124659		0.000299	0.0004	0.00158	20	13.2	0	0.04999
12:32:28.360	63.5	1565	347.978965	237.3		0.000281	0.00039	0.0016	20	13.5	0	0.05038
12:32:29.360	42.1	1542	340.359297	237.852057		0.000227	0.00031	0.00134	20	13.4	0	0.05069
12:32:30.360	69.8	1570	332.739629	239.985759		0.000206	0.00027	0.00129	20	12.5	0	0.05096
12:32:31.360	72.2	1560	325.244355	242.3		0.000203	0.00025	0.00181	20	11.6	0	0.05121
12:32:32.360	72.8	1581	319.599194	242.524746		0.000255	0.00029	0.00295	20	11	0	0.0515
12:32:33.360	52.3	1582	313.954032	244.728136		0.000237	0.00037	0.00285	20	15.8	0	0.05187
12:32:34.360	51.7	1597	308.308871	247.608324		0.000217	0.0005	0.00223	20	27.8	0	0.05247
12:32:35.360	50.2	1610	304.595411	250.319268		0.000198	0.0007	0.00186	20	34.3	0	0.05317
12:32:36.360	59.1	1625	300.956171	252.460949		0.000187	0.00064	0.00275	20	31.9	0	0.05381
12:32:37.360	51.3	1633	297.31693	252.8		0.000188	0.00047	0.00301	20	23.4	0	0.05428
12:32:38.360	20.7	1621	279.039113	255.271584		0.000194	0.00037	0.00311	20	18.5	0	0.05465
12:32:39.360	8.1	1614	257.170013	257.550516		0.000194	0.00039	0.00378	20	12.8	0	0.05504
12:32:40.360	11	1611	235.300913	261.95015		0.000158	0.0005	0.00392	20	24.5	0	0.05554
12:32:41.360	13.4	1614	221.762444	263.8		0.000139	0.00056	0.00303	20	25.7	0	0.0561
12:32:42.360	10.8	1626	213.237654	267.1		0.000109	0.00047	0.00192	20	23.1	0	0.05657
12:32:43.360	11.7	1635	204.707464	270.992		0.000091	0.00033	0.00126	20	16.2	0	0.0569
12:32:44.360	18	1631	198.602354	273.771542		0.000091	0.00022	0.00088	20	10.7	0	0.05712
12:32:45.360	17.3	1620	193.952691	276.218836		0.000095	0.00015	0.00089	20	7	0	0.05727
12:32:46.360	26.9	1613	189.315027	277.4		0.000092	0.0001	0.00077	20	4.9	0	0.05737
12:32:47.360	43.9	1614	196.922933	278.915553		0.000093	0.00008	0.00073	20	3.7	0	0.05745
12:32:48.360	54.2	1626	215.704832	281.620599		0.000129	0.00007	0.00086	20	2.9	0	0.05752
12:32:49.360	65.2	1635	234.48673	283		0.000209	0.00006	0.00109	20	2.2	0	0.05758
12:32:50.360	63.6	1649	254.460586	283		0.000266	0.00005	0.00107	20	1.8	0	0.05764
12:32:51.360	56.9	1659	275.283281	283		0.000299	0.00005	0.0011	20	1.8	0	0.0577
12:32:52.360	73	1672	296.105976	281.653053		0.000356	0.00007	0.00125	20	1.8	0	0.05777
12:32:53.360	76.7	1687	313.51825	278.765781		0.000391	0.00008	0.00134	20	1.9	0	0.05785
12:32:54.360	71.9	1696	326.3605	276.283346		0.000444	0.0001	0.00157	20	2.1	0	0.05795
12:32:55.360	53.4	1692	339.05175	274.000504		0.00047	0.00013	0.00164	20	2.6	0	0.05808
12:32:56.360	46.4	1681	358.231603	271.28664		0.00032	0.00012	0.0012	20	3.1	0	0.0582
12:32:57.360	52.1	1671	399.444115	269.3		0.000344	0.00012	0.00132	20	3.3	0	0.05832
12:32:58.360	54.5	1662	440.656627	269.3		0.000405	0.00032	0.00282	20	8.5	0	0.05864
12:32:59.360	41.6	1645	480.995154	269.3		0.000401	0.00088	0.00454	20	25.7	0	0.05952
12:33:00.360	41.2	1634	515.111226	269.3		0.000352	0.0012	0.004	20	35.9	0	0.06072
12:33:01.360	39.5	1582	549.226298	269.3		0.000292	0.00105	0.00339	20	40.8	0	0.06177
12:33:02.360	33.5	1541	583.34137	269.3		0.000285	0.00091	0.00503	20	37.8	0	0.06268
12:33:03.360	33.7	1521	567.924167	269.3		0.000286	0.00106	0.00594	20	45	0	0.06374
12:33:04.360	27.2	1498	548.490033	271.710268		0.000262	0.00108	0.00493	20	49.3	0	0.06482
12:33:05.360	5.9	1503	529.0575	272		0.000219	0.00082	0.00391	20	44	0	0.06564
12:33:06.360	0.7	1477	469.575	274.61334		0.000232	0.0007	0.00461	20	35.3	0	0.06634
12:33:07.360	0	1434	407.677703	279.452		0.000203	0.00057	0.00398	20	22.9	0	0.06691
12:33:08.360	0	1333	345.380405	285.726946		0.000143	0.00041	0.00277	20	33.1	0	0.06732
12:33:09.360	0	1231	310.456168	291.120823		0.000101	0.00029	0.00199	20	17.7	0	0.06761
12:33:10.360	0	1349	276.524736	298.081634		0.00008	0.00022	0.00168	20	12.4	0	0.06783
12:33:11.360	0	1436	242.593303	304.30256		0.000068	0.00017	0.0015	20	8.8	0	0.068
12:33:12.360	0	1316	220.732271	313.733553		0.000051	0.00011	0.00115	20	6	0	0.06811
12:33:13.360	0	1129	201.102261	321.780423		0.000039	0.00007	0.00086	20	4.1	0	0.06818
12:33:14.360	0	1072	181.472251	328.279348		0.000031	0.00004	0.00067	20	2.9	0	0.06822
12:33:15.360	0	950	175.375187	335.067262		0.000026	0.00003	0.00053	20	2.2	0	0.06825
12:33:16.360	35.5	799	178.381633	343.396414		0.000023	0.00002	0.00045	20	1.6	0	0.06827
12:33:17.360	29.7	855	165.66296	346.285726		0.000021	0.00002	0.00038	20	1.3	0	0.06829
12:33:18.360	30.1	859	172.791673	349.193417		0.000019	0.00002	0.00032	20	1.2	0	0.06831
12:33:19.360	30.9	837	179.921386	352.169071		0.00002	0.00001	0.00029	20	1.1	0	0.06832
12:33:20.360	33.2	817	187.050099	355.4		0.000033	0.00001	0.00028	20	1	0	0.06833
12:33:21.360	34.6	821	190.870077	355.695276		0.000051	0.00001	0.00027	20	0.9	0	0.06834
12:33:22.360	34.9	823	194.665731	358.05748		0.000065	0.00001	0.00027	20	0.8	0	0.06835
12:33:23.360	34.9	824	198.461385	361.246939		0.000073	0.00001	0.00026	20	0.8	0	0.06836
12:33:24.360	34.6	827	201.144565	361.534776		0.000077	0.00001	0.00025	20	0.8	0	0.06837
12:33:25.360	34.5	825	203.680797	364.01075		0.00008	0.00001	0.00024	20	0.8	0	0.06838
12:33:26.360	34.9	826	206.217029	364.6		0.00008	0.00001	0.00024	20	0.8	0	0.06839
12:33:27.360	34.9	830	207.334587	364.6		0.00008	0.00001	0.00025	20	0.8	0	0.0684
12:33:28.360	34.9	828	208.198736	364.6		0.000081	0.00001	0.00026	20	0.8	0	0.06841
12:33:29.360	34.6	825	209.062885	364.6		0.000081	0.00001	0.0003	20	0.8	0	0.06842
12:33:30.360	34.5	827	209.897482	361.617935		0.00008	0.00001	0.00032	20	0.8	0	0.06843
12:33:31.360	35.1	822	210.725645	361.5		0.00008	0.00001	0.00035	20	0.8	0	0.06844
12:33:32.360	35	825	211.554208	358.821179		0.00008	0.00001	0.00037	20	0.8	0	0.06845
12:33:33.360	35.2	825	211.7	358.4		0.000079	0.00001	0.00038	20	0.8	0	0.06846
12:33:34.360	35.2	822	211.7	355.9951		0.000079	0.00001	0.00039	20	0.8	0	0.06847
12:33:35.360	35	827	211.7	352.757267		0.000079	0.00001	0.00039	20	0.9	0	0.06848
12:33:36.360	34.6	825	211.7	349.128476		0.000078	0.00001	0.0004	20	0.9	0	0.06849
12:33:37.360	35.2	825	211.7	346.408796		0.000078	0.00001	0.00037	20	0.9	0	0.0685
12:33:38.360	34.6	826	211.7	343.331352		0.000079	0.00001	0.00038	20	1	0	0.06851
12:33:39.360	34.8	826	211.7	340.399395		0.000078	0.00001	0.00036	20	1	0	0.06852
12:33:40.360	34.9	825	211.7	337.753273		0.000077	0.00001	0.00035	20	1	0	0.06853
12:33:41.360	35.2	825	211.7	334.891109		0.000078	0.00001	0.00035	20	1	0	0.06854
12:33:42.360	34.8	829	211.7	331.821179		0.000078	0.00001	0.00033	20	1	0	0.06855
12:33:43.360	35	830	211.7	329.122152		0.000078	0.00001	0.00034	20	1	0	0.06856
12:33:44.360	35.3	827	211.7	325.976538		0.000078	0.00001	0.00032	20	1	0	0.06857
12:33:45.360	35	825	211.7	322.791913		0.000078	0.00001	0.00032	20	1	0	0.06858
12:33:46.360	35.5	827	211.7	317.51418		0.000078	0.00001	0.0003	20	1	0	0.06859
12:33:47.360	35	824	211.7	314.107261		0.000078	0.00001	0.00029	20	1	0	0.0686
12:33:48.360	35.5	824	211.7	311.104895		0.000078	0.00001	0.00029	20	1	0	0.06861
12:33:49.360	36.2	827	211.7	308.662072		0.00008	0.00001	0.00027	20	1	0	0.06862
12:33:50.360	36.7	829	211.7	305.726321		0.000079	0.00002	0.00028	20	1.1	0	0.06864
12:33:51.360	36.4	830	212.305202	302.7815		0.00008	0.00002	0.00026	20	1.1	0	0.06866
12:33:52.360	36.1	831	213.138213	298.164079		0.00008	0.00002	0.00026	20	1.2	0	0.06868
12:33:53.360	36.5	825	213.972424	295.6		0.000079	0.00002	0.00024	20	1.2	0	0.0687
12:33:54.360	37.5	822	214.807586	292.402158		0.00008	0.00002	0.00025	20	1.2	0	0.06872
12:33:55.360	38	828	215.64333	289.227182		0.000081	0.00002	0.00026	20	1.2	0	0.06874
12:33:56.360	38.3	827	216.479074	286.627624		0.000083	0.00002	0.00025	20	1.2	0	0.06876
12:33:57.360	38.5	827	217.298282	285.7		0.000084	0.00002	0.00026	20	1.2	0	0.06878
12:33:58.360	39.1	829	218.107443	282.484628		0.000084	0.00002	0.00024	20	1.2	0	0.0688
12:33:59.360	39.3	829	218.916505	278.646596		0.000085	0.00002	0.00026	20	1.2	0	0.06882
12:34:00.360	40.3	827	219.772182	277.4		0.000086	0.00002	0.00025	20	1.2	0	0.06884
12:34:01.360	40.5	825	220.687273	275.725		0.000087	0.00002	0.00026	20	1.2	0	0.06886
12:34:02.360	40.8	831	221.595364	272.902045		0.000088	0.00002	0.00025	20	1.2	0	0.06888
12:34:03.360	40.8	832	222.491513	269.928043		0.00009	0.00002	0.00023	20	1.2	0	0.0689
12:34:04.360	40.8	830	223.379671	267.406269		0.000091	0.00002	0.00024	20	1.2	0	0.06892
12:34:05.360	40.6	830	224.267829	264.73826		0.00009	0.00002	0.00019	20	1.2	0	0.06894
12:34:06.360	40.4	831	225.105602	263.8		0.000091	0.00002	0.00018	20	1.2	0	0.06896
12:34:07.360	40.8	822	225.911713	262.275806		0.000091	0.00002	0.00017	20	1.2	0	0.06898
12:34:08.360	41.4	828	226.712425	259.621041		0.00009	0.00002	0.00016	20	1.3	0	0.069
12:34:09.360	40.6	830	227.1	258.3		0.000091	0.00002	0.00015	20	1.3	0	0.06902
12:34:10.360	40.4	830	227.1	256.555566		0.00009	0.00002	0.00014	20	1.3	0	0.06904
12:34:11.360	46.2	870	227.1	253.769		0.000103	0.00002	0.00017	20	1.3	0	0.06906
12:34:12.360	64.2	1139	238.867704	250.776452		0.000155	0.00002	0.00021	20	1.3	0	0.06909
12:34:13.360	69.1	1493	256.993761	248.184416		0.000229	0.00004	0.00028	20	1.3	0	0.06913
12:34:14.360	73.9	1969	275.131617	245.533866		0.000483	0.00007	0.00043	20	1.3	0	0.0692
12:34:15.360	76.5	1988	305.720774	242.912957		0.000501	0.0001	0.00042	20	1.8	0	0.0693
12:34:16.360	77.6	1967	341.011097	242.3		0.000494	0.00012	0.00035	20	3.3	0	0.06948
12:34:17.360	57.5	1904	376.301419	242.3		0.00042	0.00019	0.00025	20	4.2	0	0.06967
12:34:18.360	56.6	1671	385.623775	244.014455		0.00034	0.00016	0.00037	20	4.7	0	0.06985
12:34:19.360	77.2	1691	379.433722	244.9		0.000322	0.00017	0.00031	20	4.9	0	0.07002
12:34:20.360	75.5	1812	373.239669	246.477205		0.00033	0.00018	0.00025	20	4.9	0	0.0702
12:34:21.360	69.2	1923	362.786933	247.6		0.000335	0.00017	0.00024	20	4.8	0	0.07037
12:34:22.360	47	1884	349.564051	249.054223		0.000252	0.00013	0.00022	20	4.7	0	0.0705
12:34:23.360	55.7	1445	336.341169	251.342899		0.000175	0.00009	0.00014	20	4.5	0	0.07059
12:34:24.360	27.3	1455	317.81658	252.8		0.000162	0.00008	0.00024	20	4.4	0	0.07067
12:34:25.360	12.4	1474	291.567391	254.029771		0.00016	0.00008	0.00043	20	4.4	0	0.07075
12:34:26.360	0.1	1473	265.315202	255.5		0.000157	0.00008	0.00062	20	4.4	0	0.07083
12:34:27.360	4.2	1472	244.273313	256.526573		0.000134	0.00007	0.00062	20	3.9	0	0.0709
12:34:28.360	17.3	1485	234.037755	258.3		0.000102	0.00006	0.0004	20	3.2	0	0.07096
12:34:29.360	17.7	1498	223.801396	259.319362		0.000079	0.00005	0.00024	20	2.8	0	0.07101
12:34:30.360	18.3	1510	215.721646	261.1		0.000068	0.00004	0.00013	20	2.2	0	0.07105
12:34:31.360	19.5	1523	212.309133	262.002486		0.000071	0.00003	0.00011	20	1.7	0	0.07108
12:34:32.360	22.4	1537	208.896621	263.8		0.000077	0.00003	0.00012	20	1.5	0	0.07111
12:34:33.360	24.9	1549	206.6	263.8		0.000082	0.00003	0.00008	20	1.4	0	0.07114
12:34:34.360	23.7	1556	206.6	263.8		0.000087	0.00003	0.00009	20	1.4	0	0.07117
12:34:35.360	27.6	1572	206.6	263.8		0.000092	0.00002	0.00006	20	1.3	0	0.07119
12:34:36.360	26.6	1576	206.6	263.8		0.000098	0.00002	0.00008	20	1.2	0	0.07121
12:34:37.360	28.9	1589	206.6	263.8		0.000105	0.00002	0.00007	20	1.2	0	0.07123
12:34:38.360	29.4	1597	206.6	263.8		0.000116	0.00003	0.00007	20	1.3	0	0.07126
12:34:39.360	32.8	1618	213.432524	263.8		0.000189	0.00004	0.0001	19.4	1.1	0	0.0713
12:34:40.360	28.2	1621	234.327093	262.890795		0.000163	0.00003	0.00003	19.6	1.1	0	0.07133
12:34:41.360	12	1225	255.221661	261.1		0.000137	0.00002	0.00003	20	1.1	0	0.07135
12:34:42.360	26.2	1238	269.445627	260.440519		0.000092	0.00002	0.00009	20	1.1	0	0.07137
12:34:43.360	25.3	1249	256.479266	258.3		0.000093	0.00002	0.00021	20	1.1	0	0.07139
12:34:44.360	18.6	1255	243.512905	258.3		0.000093	0.00002	0.00023	20	1.1	0	0.07141
12:34:45.360	11.2	1263	230.546544	258.3		0.00009	0.00002	0.00015	20	1.1	0	0.07143
12:34:46.360	9.9	1260	221.457237	258.3		0.000085	0.00002	0.00007	20	1.1	0	0.07145
12:34:47.360	16.9	1262	212.673242	256.057547		0.000078	0.00002	0.00003	20	1.1	0	0.07147
12:34:48.360	25.6	1269	203.889247	255.5		0.000069	0.00002	0.00003	20	1.1	0	0.07149
12:34:49.360	33.9	1275	203.9752	253.438767		0.000075	0.00002	0.00004	19.4	1.1	0	0.07152
12:34:50.360	44.5	1287	207.3752	252.8		0.000115	0.00003	0.00003	19	1.1	0	0.07154
12:34:51.360	49.7	1304	210.7752	252.8		0.000122	0.00003	0	19	1	0	0.07157
12:34:52.360	46.2	1316	254.500234	255.7264		0.000147	0.00002	0	19.6	1	0	0.07159
12:34:53.360	42.2	1312	313.305531	250.1		0.000173	0.00002	0.00024	20	1	0	0.07161
12:34:54.360	42.4	1322	372.105028	250.1		0.000215	0.00002	0.00103	20	1	0	0.07163
12:34:55.360	39.3	1332	418.655244	250.1		0.000235	0.00002	0.00207	20	1	0	0.07165
12:34:56.360	40.2	1332	455.02299	250.1		0.000245	0.00004	0.00275	19.4	1.8	0	0.07169
12:34:57.360	43.4	1338	491.389737	250.1		0.000244	0.00006	0.00396	19	2.9	0	0.07175
12:34:58.360	40	1342	514.960142	250.1		0.000236	0.00008	0.00315	19	3.9	0	0.07183
12:34:59.360	39.1	1354	530.707036	250.1		0.000242	0.00009	0.00496	19.5	4.7	0	0.07192
12:35:00.360	37.3	1365	546.613289	250.1		0.000257	0.00012	0.00503	19	5.9	0	0.07204
12:35:01.360	36.2	1378	555.39295	250.1		0.000259	0.00017	0.00424	19	8.2	0	0.07221
12:35:02.360	33.2	1365	557.045166	250.1		0.000256	0.00022	0.00485	19	10.6	0	0.07243
12:35:03.360	29.8	1360	556.259783	251.050882		0.00024	0.00023	0.00551	19	12.3	0	0.07266
12:35:04.360	27.3	1437	548.374083	252.8		0.000218	0.00024	0.00543	19.6	14.3	0	0.0729
12:35:05.360	29.8	1365	503.991266	253.596271		0.000206	0.00027	0.00483	20	15.6	0	0.07317
12:35:06.360	16.9	1356	459.608149	256.022067		0.000193	0.00029	0.0036	19.4	12.3	0	0.07346
12:35:07.360	33.2	1333	420.053759	259.05366		0.000184	0.00032	0.00243	19	18.6	0	0.07378
12:35:08.360	32.8	1313	401.260796	263.255932		0.000226	0.0004	0.0017	19	15.9	0	0.07418
12:35:09.360	33.7	1290	381.679832	267.212		0.00019	0.00027	0.00071	19	13.5	0	0.07445
12:35:10.360	34.5	1253	368.774807	275.386665		0.000153	0.00017	0.00025	19	8.1	0	0.07462
12:35:11.360	40.5	1219	401.390488	278.530539		0.000134	0.0001	0.00014	19	5.4	0	0.07472
12:35:12.360	43.1	1232	434.02037	283.536795		0.00013	0.00006	0.0003	19	3.8	0	0.07478
12:35:13.360	54.9	1208	455.745	291.264885		0.000156	0.00004	0.00074	19	3.1	0	0.07482
12:35:14.360	56.6	1211	443.5575	294.782709		0.000201	0.00005	0.00227	19	2.8	0	0.07487
12:35:15.360	52.3	1206	421.37	301.852555		0.00029	0.00008	0.00381	19	2.8	0	0.07495
12:35:16.360	56.5	1214	405.514679	310.339049		0.000267	0.00008	0.00175	19	2.8	0	0.07503
12:35:17.360	47.5	1207	429.887315	321.97905		0.000251	0.00007	0.0007	19	2.7	0	0.0751
12:35:18.360	47.5	1215	454.259952	330.378151		0.000267	0.00007	0.00115	19	2.7	0	0.07517
12:35:19.360	40.8	1208	477.335781	338.9486		0.000263	0.00006	0.0015	19	2.7	0	0.07523
12:35:20.360	40.5	1212	495.995008	344.603929		0.000235	0.00006	0.00138	19	3	0	0.07529
12:35:21.360	32.3	1212	514.654434	350.034089		0.000211	0.00007	0.00145	19	4	0	0.07536
12:35:22.360	20.3	1197	526.411153	355.889595		0.000195	0.00008	0.00191	19	4.9	0	0.07544
12:35:23.360	19	1205	481.144049	359.876063		0.000179	0.00009	0.00225	19	5.8	0	0.07553
12:35:24.360	15.7	1204	435.876945	363.417028		0.000157	0.00009	0.00189	19	5.4	0	0.07562
12:35:25.360	10.2	1212	390.609841	367.366014		0.000123	0.0001	0.00113	19	5.6	0	0.07572
12:35:26.360	4.6	1212	355.403464	367.7		0.000101	0.0001	0.00059	19	6.5	0	0.07582
12:35:27.360	2.1	1210	321.239185	370.102103		0.000082	0.00008	0.00022	19	5.3	0	0.0759
12:35:28.360	3.6	1212	287.069906	373.301922		0.000067	0.00006	0.00007	19	3.8	0	0.07596
12:35:29.360	4.5	1214	264.466843	376.413524		0.000056	0.00004	0	19	2.8	0	0.076
12:35:30.360	8.4	1219	246.425966	379.253605		0.000044	0.00003	0	19	2.1	0	0.07603
12:35:31.360	14.7	1232	228.39109	380.3		0.000034	0.00002	0	19	1.6	0	0.07605
12:35:32.360	16.3	1245	217.689196	380.3		0.000028	0.00002	0	19	1.2	0	0.07607
12:35:33.360	18.5	1257	214.441608	383.8125		0.000024	0.00001	0	19	0.8	0	0.07608
12:35:34.360	20.2	1271	211.194619	383.3		0.000025	0.00001	0	19	0.7	0	0.07609
12:35:35.360	20.3	1289	207.925705	383.3		0.000032	0.00001	0	19	0.5	0	0.0761
12:35:36.360	17.5	1302	204.624423	383.3		0.000042	0.00001	0	19	0.5	0	0.07611
12:35:37.360	14.2	1310	201.323141	383.3		0.000054	0.00001	0	19	0.4	0	0.07612
12:35:38.360	11.1	1307	196.969064	382.303174		0.000062	0.00001	0	19	0.4	0	0.07613
12:35:39.360	6.6	1315	189.709985	380.3		0.000065	0.00001	0	19	0.4	0	0.07614
12:35:40.360	16.6	1324	182.450746	380.3		0.000064	0.00001	0	19	0.4	0	0.07615
12:35:41.360	17.2	1330	177.987732	379.204442		0.000058	0.00001	0	19	0.3	0	0.07616
12:35:42.360	18.4	1336	179.500759	376.299747		0.000051	0.00001	0	19	0.3	0	0.07617
12:35:43.360	14.9	1331	181.018786	373.540243		0.000049	0.00001	0	19	0.3	0	0.07618
12:35:44.360	17.7	1325	182.3	370.08259		0.000054	0.00001	0	19	0.3	0	0.07619
12:35:45.360	18.5	1317	182.3	366.922888		0.000058	0.00001	0	19	0.3	0	0.0762
12:35:46.360	25.9	1307	182.3	364.012243		0.000062	0.00001	0	19	0.3	0	0.07621
12:35:47.360	32.7	1307	184.505891	359.871958		0.000064	0.00001	0	19	0.3	0	0.07622
12:35:48.360	51.8	1320	195.168201	354.762375		0.000067	0.00001	0	19	0.3	0	0.07623
12:35:49.360	60	1327	205.829512	351.999903		0.000079	0.00001	0	19	0.3	0	0.07624
12:35:50.360	63.6	1334	216.490822	345.991548		0.000101	0.00001	0	19	0.3	0	0.07625
12:35:51.360	62.7	1346	228.432612	339.702402		0.000118	0.00001	0	19	0.3	0	0.07626
12:35:52.360	64	1350	240.412646	334.945038		0.000139	0.00001	0	19	0.4	0	0.07627
12:35:53.360	62.5	1359	252.392679	331.3427		0.000173	0.00001	0.00004	19	0.4	0	0.07628
12:35:54.360	64.2	1372	259.833045	325.357509		0.000195	0.00001	0.00018	19	0.5	0	0.07629
12:35:55.360	64.1	1385	267.11363	322.803106		0.000209	0.00002	0.00022	19	0.8	0	0.07631
12:35:56.360	63.6	1395	274.394215	316.9125		0.000215	0.00002	0.00016	19	1	0	0.07633
12:35:57.360	55.3	1398	273.031226	313.752941		0.000204	0.00002	0.00011	19	1.2	0	0.07635
12:35:58.360	44.1	1410	271.25929	311.231933		0.000179	0.00002	0.00008	19	1.4	0	0.07637
12:35:59.360	32.7	1399	269.547355	308.392873		0.00017	0.00003	0.00007	19	1.5	0	0.0764
12:36:00.360	13.7	1385	250.336746	305.093737		0.000164	0.00003	0.00015	19	1.7	0	0.07643
12:36:01.360	1.7	1378	228.235051	302.437455		0.000165	0.00003	0.00026	19	1.7	0	0.07646
12:36:02.360	0.8	1366	206.133356	299.454713		0.000141	0.00003	0.00028	19	1.7	0	0.07649
12:36:03.360	0.2	1357	190.226175	296.6		0.000108	0.00003	0.00018	19	1.8	0	0.07652
12:36:04.360	0	1351	174.946633	296.6		0.000078	0.00003	0.00005	19	1.6	0	0.07655
12:36:05.360	0	1344	159.66709	294.368332		0.000055	0.00002	0	19	1.3	0	0.07657
12:36:06.360	0	1333	149.384913	291.639456		0.000039	0.00002	0	19.6	1	0	0.07659
12:36:07.360	0	1320	140.680853	291.1		0.000029	0.00001	0	20	0.8	0	0.0766
12:36:08.360	0	1305	131.976789	289.189786		0.000023	0.00001	0	20	0.7	0	0.07661
12:36:09.360	7.8	1295	129.919403	286.514585		0.000019	0.00001	0	20	0.6	0	0.07662
12:36:10.360	16.8	1291	131.316572	284.102551		0.000016	0.00001	0	20	0.4	0	0.07663
12:36:11.360	19.7	1287	132.713941	281.440083		0.000014	0.00001	0	20	0.4	0	0.07664
12:36:12.360	26.1	1279	138.206773	280.1		0.000013	0	0	20	0.3	0	0.07664
12:36:13.360	36.5	1270	147.650034	278.78375		0.000013	0	0	20	0.3	0	0.07664
12:36:14.360	48.8	1273	157.093595	276.407592		0.000021	0	0	20	0.2	0	0.07664
12:36:15.360	59.6	1256	172.907379	273.5984		0.000058	0	0	20	0.2	0	0.07664
12:36:16.360	67.5	1253	199.850725	269.997081		0.000114	0	0	20	0.2	0	0.07664
12:36:17.360	70.2	1258	226.794071	265.679616		0.000174	0	0	20	0.2	0	0.07664
12:36:18.360	67.5	1261	245.980087	262.820621		0.000207	0	0	20	0.2	0	0.07664
12:36:19.360	62	1257	249.273035	260.272333		0.000199	0.00001	0	20	0.3	0	0.07665
12:36:20.360	26.8	1235	252.565983	257.831507		0.000171	0.00001	0	20	0.6	0	0.07666
12:36:21.360	29.3	1204	254.777962	255.063666		0.000147	0.00001	0	20	0.9	0	0.07667
12:36:22.360	33.9	1193	248.153758	252.8		0.00013	0.00002	0	20	1.2	0	0.07669
12:36:23.360	28.5	1181	241.529554	252.8		0.000116	0.00002	0	20	1.3	0	0.07671
12:36:24.360	29.5	1167	234.90535	250.1		0.000106	0.00002	0.00009	20	1.3	0	0.07673
12:36:25.360	31.3	1163	230.759975	250.1		0.000101	0.00002	0.00003	20	1.3	0	0.07675
12:36:26.360	33.2	1157	226.693901	247.9		0.000099	0.00002	0	20	1.3	0	0.07677
12:36:27.360	23.7	1143	222.627827	247.6		0.000095	0.00002	0	20	1.3	0	0.07679
12:36:28.360	6.2	1120	208.869835	247.6		0.000099	0.00002	0	20	1.3	0	0.07681
12:36:29.360	0	1096	192.998968	245.653646		0.000095	0.00002	0	20	1.3	0	0.07683
12:36:30.360	0	1058	177.128	244.9		0.000089	0.00002	0	20	1.2	0	0.07685
12:36:31.360	0	1139	164.665849	242.925349		0.000081	0.00002	0	20	1.1	0	0.07687
12:36:32.360	0	1335	153.522829	242.3		0.000064	0.00002	0	20	1.1	0	0.07689
12:36:33.360	0	1364	142.379789	242.3		0.000049	0.00002	0	20	1	0	0.07691
12:36:34.360	0	1193	134.873578	242.3		0.000032	0.00001	0	20	0.9	0	0.07692
12:36:35.360	0	1024	129.905929	240.904333		0.000023	0.00001	0	20	0.8	0	0.07693
12:36:36.360	14	865	124.937981	239.8		0.000019	0.00001	0	20	0.6	0	0.07694
12:36:37.360	35.3	811	125.964534	238.386111		0.000016	0.00001	0	20	0.5	0	0.07695
12:36:38.360	32	832	133.775039	237.3	5.5	0.000013	0.00001	0	20	0.4	0	0.07696
12:36:39.360	44	825	141.593543	237.3	5.2	0.000015	0.00001	0	20	0.4	0	0.07697
12:36:40.360	62.4	985	154.313168	237.3	4.4	0.000037	0.00001	0	20	0.4	0	0.07698
12:36:41.360	62.3	1294	175.798317	236.208907	3.9	0.000076	0.00001	0	20	0.3	0	0.07699
12:36:42.360	56.9	1394	197.283465	233.780919	3.6	0.000112	0.00001	0	20	0.3	0	0.077
12:36:43.360	59.3	1512	216.348452	232.2	4.2	0.00014	0.00001	0	20	0.3	0	0.07701
12:36:44.360	72.7	1712	230.477484	231.334929	5.2	0.000186	0.00001	0	20	0.4	0	0.07702
12:36:45.360	69.2	1638	244.606516	229.6	6.1	0.000217	0.00001	0	20	0.4	0	0.07703
12:36:46.360	74.6	1182	259.655019	228.865521	6.8	0.00022	0.00001	0.00001	20	0.5	0	0.07704
12:36:47.360	70	1332	277.799207	227.3	7.5	0.000201	0.00002	0	20	0.5	0	0.07706
12:36:48.360	74.3	1465	295.943394	227.1	8.1	0.000322	0.00002	0	20	0.7	0	0.07708
12:36:49.360	71.2	1634	312.266113	226.384403	8.8	0.000354	0.00003	0	20	1	0	0.07711
12:36:50.360	57.8	1763	324.890698	225.42261	9.7	0.000346	0.00004	0	20	1.1	0	0.07715
12:36:51.360	64.8	1810	337.515282	227.3	11.2	0.000326	0.00004	0	20	1.2	0	0.07719
12:36:52.360	62.3	1845	345.802452	227.1	12.1	0.000316	0.00004	0	20	1.3	0	0.07723
12:36:53.360	63.2	1890	344.664364	227.1	13.2	0.000335	0.00005	0	20	1.4	0	0.07728
12:36:54.360	60.2	1940	343.929276	227.76296	13.1	0.000324	0.00005	0	20	1.5	0	0.07733
12:36:55.360	59	1917	342.3268	230.275325	13	0.000306	0.00005	0	20	1.5	0	0.07738
12:36:56.360	48.5	1392	338.393467	232.791865	13.5	0.000273	0.00005	0	20	1.5	0	0.07743
12:36:57.360	54.3	1232	334.460133	235.17561	14.6	0.000203	0.00004	0	20	1.5	0	0.07747
12:36:58.360	58.4	1227	330.995128	237.3	15.5	0.000189	0.00003	0	20	1.5	0	0.0775
12:36:59.360	62.7	1208	329.1934	237.831533	15	0.000183	0.00003	0	20	1.5	0	0.07753
12:37:00.360	63.9	1183	327.387671	239.8	16.1	0.000174	0.00003	0	20	1.5	0	0.07756
12:37:01.360	60.6	1144	325.54425	239.93312	16.3	0.000157	0.00003	0	20	1.5	0	0.07759
12:37:02.360	48.5	1072	319.969026	242.3	15.6	0.000147	0.00002	0	20	1.5	0	0.07761
12:37:03.360	59.1	998	314.394202	242.3	14.4	0.000145	0.00002	0	20	1.5	0	0.07763
12:37:04.360	72.7	1265	308.819178	242.3	13.8	0.000196	0.00003	0	20	1.5	0	0.07766
12:37:05.360	71.5	1393	314.837815	244.793263	13.6	0.00024	0.00004	0	20	1.5	0	0.0777
12:37:06.360	74.8	1457	322.573539	244.9	12.3	0.000302	0.00005	0	20	1.5	0	0.07775
12:37:07.360	75	1585	330.309263	247.321649	10.7	0.000375	0.00006	0	20	1.5	0	0.07781
12:37:08.360	77.5	1768	342.533092	247.6	10.7	0.00041	0.00006	0	20	1.5	0	0.07787
12:37:09.360	68.7	1909	355.493618	249.797727	11.6	0.000383	0.00006	0	20	1.5	0	0.07793
12:37:10.360	21.7	1848	368.454145	252.424628	13.3	0.000356	0.00006	0	20	1.6	0	0.07799
12:37:11.360	52.8	1619	381.347147	252.8	14.6	0.000361	0.00006	0	20	1.6	0	0.07805
12:37:12.360	82.3	1526	394.225226	254.735115	15.4	0.00042	0.00007	0	20	1.6	0	0.07812
12:37:13.360	77	1634	407.103305	255.5	15.8	0.000449	0.00008	0	20	1.7	0	0.0782
12:37:14.360	71.1	1701	408.250323	257.316961	17.3	0.00039	0.00008	0	20	1.9	0	0.07828
12:37:15.360	67.7	1743	401.96	259.976909	19.2	0.000358	0.00007	0	20	1.9	0	0.07835
12:37:16.360	63.7	1765	395.669677	262.603258	19.8	0.000318	0.00007	0	20	2	0	0.07842
12:37:17.360	61.8	1777	386.914805	263.8	20.7	0.000286	0.00007	0	20	2	0	0.07849
12:37:18.360	60.6	1779	375.810909	265.13	22.2	0.000335	0.00008	0	20	2.1	0	0.07857
12:37:19.360	54	1775	364.707013	267.7475	24.1	0.000381	0.00009	0	20	2.1	0	0.07866
12:37:20.360	52.7	1773	380.803077	269.3	23.8	0.000322	0.00008	0	20	2.1	0	0.07874
12:37:21.360	52.7	1769	432.662051	270.544229	23.4	0.000345	0.00007	0	20	3	0	0.07881
12:37:22.360	55.3	1769	484.521026	272	24.2	0.000386	0.00007	0.00078	20	2.1	0	0.07888
12:37:23.360	55.7	1771	531.967644	272.947416	25.2	0.000435	0.0001	0.00249	20	2.7	0	0.07898
12:37:24.360	52.6	1786	569.684453	275.433673	24.3	0.000468	0.00015	0.00338	20	3.9	0	0.07913
12:37:25.360	51.8	1790	607.401261	277.840945	23.2	0.000471	0.00019	0.00283	20	5	0	0.07932
12:37:26.360	53.6	1808	642.667481	283.534698	24.1	0.00048	0.00023	0.00307	20	5.9	0	0.07955
12:37:27.360	52.2	1836	663.004226	287.658727	25.2	0.00049	0.00027	0.00366	20	6.9	0	0.07982
12:37:28.360	54.4	1867	683.340971	295.158777	25.5	0.000517	0.00032	0.00419	20	7.7	0	0.08014
12:37:29.360	53.9	1889	695.214545	303.4528	25.9	0.0005	0.00035	0.00391	20	8.7	0	0.0805
12:37:30.360	52.6	1913	639.987173	312.893515	25.5	0.000436	0.00039	0.00243	20	8.4	0	0.08089
12:37:31.360	64.7	1925	584.76	325.350253	25	0.000357	0.00038	0.00076	20	9.2	0	0.08127
12:37:32.360	65.1	1926	530.317748	341.248408	24.8	0.000343	0.00028	0	20	7	0	0.08156
12:37:33.360	68.3	1922	499.623384	354.531563	24.7	0.000344	0.00022	0	20	5.5	0	0.08178
12:37:34.360	66.4	1929	468.95782	368.01958	24.7	0.000338	0.00017	0	20	4.3	0	0.08195
12:37:35.360	67	1929	438.427446	374.403194	24.7	0.000327	0.00014	0	20	3.7	0	0.08209
12:37:36.360	67.4	1935	424.047952	380.540117	25.1	0.000329	0.00013	0	20	3.5	0	0.08222
12:37:37.360	52.6	1616	409.668459	385.648595	25.7	0.000308	0.00011	0	20	3.2	0	0.08233
12:37:38.360	52.5	1396	395.288965	386.4	25.9	0.000222	0.00008	0	20	3	0	0.08241

12:37:39.360	57	1372	303.095412	386.4	26.2	0.000179	0.00006	0	20	2.9	0	0.08247
12:37:40.360	55.9	1377	371.404551	384.302941	26.2	0.000158	0.00005	0	20	2.6	0	0.08252
12:37:41.360	53.2	1371	359.713891	381.376757	26.2	0.000142	0.00004	0	20	2.5	0	0.08256
12:37:42.360	51.1	1362	350.294134	380.3	26	0.000139	0.00004	0	20	2.6	0	0.0826
12:37:43.360	55.7	1359	342.302428	378.341273	25.7	0.000145	0.00004	0	20	2.5	0	0.08264
12:37:44.360	24.5	1333	334.110722	375.033578	25.5	0.000154	0.00004	0.00008	20	2.5	0	0.08268
12:37:45.360	3.8	1300	312.095472	374.3	25.3	0.000161	0.00004	0.00009	20	2.6	0	0.08272
12:37:46.360	0	1273	285.069113	370.503473	25.3	0.000156	0.00004	0.00007	20	2.5	0	0.08276
12:37:47.360	1.9	1238	257.242755	367.7	25.3	0.000134	0.00004	0.00005	20	2.6	0	0.0828
12:37:48.360	13	1216	240.371466	366.032526	24.9	0.000097	0.00004	0	20	2.6	0	0.08284
12:37:49.360	26.4	1209	236.205166	363.01632	24.4	0.000064	0.00004	0	20	2.6	0	0.08288
12:37:50.360	32.3	1215	232.040266	360.083119	24.5	0.000045	0.00003	0	20	2.4	0	0.08291
12:37:51.360	47.3	1231	233.556643	356.789021	24.8	0.00004	0.00003	0	20	2.1	0	0.08294
12:37:52.360	58.4	1250	243.113753	353.881025	25.1	0.000054	0.00003	0	20	1.8	0	0.08297
12:37:53.360	58.4	1270	252.670862	350.903626	25.3	0.00008	0.00002	0	20	1.5	0	0.08299
12:37:54.360	53.4	1284	259.440803	347.67303	24.5	0.000102	0.00002	0	20	1.4	0	0.08301
12:37:55.360	46.3	1291	262.216823	344.874909	23.5	0.000119	0.00002	0	20	1.3	0	0.08303
12:37:56.360	42.7	1294	264.992742	342.020067	23.5	0.000129	0.00002	0	20	1.3	0	0.08305
12:37:57.360	40.7	1297	266.222179	338.954392	23.7	0.000134	0.00002	0.00012	20	1.3	0	0.08307
12:37:58.360	45.1	1302	265.324744	336.178253	23.8	0.000135	0.00002	0.0002	20	1.3	0	0.08309
12:37:59.360	49.9	1302	264.427308	333.394809	23.9	0.000178	0.00003	0.00023	20	1.4	0	0.08312
12:38:00.360	51.1	1304	274.760612	330.318504	24.5	0.000255	0.00004	0.00017	20	1.5	0	0.08316
12:38:01.360	53.8	1315	311.17547	327.406398	25.4	0.000239	0.00004	0.00006	20	1.5	0	0.0832
12:38:02.360	43.6	1324	347.590129	324.914428	25.4	0.000263	0.00004	0.00021	20	1.5	0	0.08324
12:38:03.360	38.9	1323	387.235268	321.803271	25.4	0.000281	0.00004	0.00057	20	1.6	0	0.08328
12:38:04.360	42.5	1322	435.525592	319.8	25.3	0.00027	0.00004	0.00088	20	1.7	0	0.08332
12:38:05.360	44.9	1315	483.818117	319.400452	25.1	0.000267	0.00004	0.00161	20	1.9	0	0.08336
12:38:06.360	50.1	1315	527.23967	316.27289	25.1	0.000288	0.00005	0.00253	20	2.3	0	0.08341
12:38:07.360	46	1309	546.884791	314	25	0.000319	0.00007	0.00336	20	2.6	0	0.08348
12:38:08.360	46.2	1309	566.529911	314	24.7	0.000328	0.00008	0.00385	20	3	0	0.08356
12:38:09.360	47	1305	586.088488	314	24.5	0.000335	0.00009	0.00392	20	3.2	0	0.08365
12:38:10.360	46.7	1303	599.551802	314	24.5	0.000342	0.00009	0.00375	20	3.4	0	0.08374
12:38:11.360	47	1305	613.015317	314	24.4	0.000342	0.0001	0.00327	20	3.7	0	0.08384
12:38:12.360	45	1302	626.478732	316.847005	24.9	0.000335	0.00011	0.00286	20	4	0	0.08395
12:38:13.360	42.5	1300	636.219297	319.954796	25.4	0.0003	0.0001	0.00239	20	4.1	0	0.08405
12:38:14.360	43.5	1291	645.719255	322.373478	25.3	0.000281	0.0001	0.00257	20	4.6	0	0.08415
12:38:15.360	44.2	1286	655.219614	325.203463	25.2	0.000273	0.0001	0.00351	20	4.8	0	0.08425
12:38:16.360	44.3	1289	660.472508	328.073024	25.3	0.000278	0.00011	0.00429	20	4.8	0	0.08436
12:38:17.360	43.2	1294	664.813344	333.232159	25.5	0.00028	0.00011	0.00427	20	4.9	0	0.08447
12:38:18.360	41.7	1301	669.15418	336.694902	25.4	0.000275	0.00011	0.00375	20	4.9	0	0.08458
12:38:19.360	40.7	1302	660.976906	341.810111	25.2	0.000272	0.00011	0.00332	20	4.9	0	0.08469
12:38:20.360	39.5	1309	647.765591	347.297593	24.9	0.000254	0.0001	0.00302	20	5.1	0	0.08479
12:38:21.360	45.6	1317	634.552276	354.018599	24.8	0.000204	0.00008	0.00258	20	5.1	0	0.08487
12:38:22.360	43.7	1319	591.731445	360.304158	25.1	0.000195	0.00008	0.0027	20	5.2	0	0.08495
12:38:23.360	37.1	1319	540.01681	365.462072	25.2	0.000171	0.00008	0.00204	20	5.3	0	0.08503
12:38:24.360	31.7	1324	488.302174	371.193512	24.8	0.000138	0.00008	0.00098	20	5.3	0	0.08511
12:38:25.360	25.7	1335	446.11205	377.479	24.2	0.000124	0.00008	0.00038	20	4.9	0	0.08519
12:38:26.360	19.5	1350	413.350755	383.124554	24.7	0.000116	0.00007	0.00008	20	4.3	0	0.08526
12:38:27.360	15.4	1360	380.583459	388.67251	25.3	0.000111	0.00006	0	20	3.6	0	0.08532
12:38:28.360	8.4	1366	348.835032	394.852295	24.6	0.000105	0.00005	0	20	3	0	0.08537
12:38:29.360	5.1	1342	319.222129	401.012956	23.8	0.000092	0.00005	0	20	2.8	0	0.08542
12:38:30.360	5.5	1344	289.609226	407.250349	24.1	0.000077	0.00004	0	20	2.7	0	0.08546
12:38:31.360	6.1	1337	263.047344	413.801765	24.5	0.000063	0.00004	0	20	2.4	0	0.0855
12:38:32.360	9.4	1326	251.503594	419.379061	24.8	0.00005	0.00003	0	20	2.1	0	0.08553
12:38:33.360	13.6	1320	239.159244	422.204205	25.2	0.000041	0.00002	0	20	1.7	0	0.08556
12:38:34.360	17.1	1305	226.986073	425.7221	25.3	0.000034	0.00002	0	19.4	1.2	0	0.08558
12:38:35.360	13.4	1291	222.032711	432	25.5	0.000032	0.00001	0	19	0.9	0	0.08559
12:38:36.360	12.9	1272	217.07935	432	26	0.000035	0.00001	0	19	0.7	0	0.0856
12:38:37.360	9.2	1244	212.125989	435.140217	26.8	0.000043	0.00001	0	19	0.5	0	0.08561
12:38:38.360	3.1	1206	202.203507	438.476417	26	0.000048	0.00001	0	19	0.4	0	0.08562
12:38:39.360	0.9	1160	191.813471	438.6	25.1	0.000049	0.00001	0	19	0.3	0	0.08563
12:38:40.360	0.8	1114	181.423435	438.6	24.5	0.000046	0.00001	0	19	0.3	0	0.08564
12:38:41.360	1	1068	173.322064	438.6	24.3	0.00004	0	0	19	0.3	0	0.08564
12:38:42.360	0.9	1019	165.581425	436.055252	23	0.000033	0.00001	0	19	0.3	0	0.08565
12:38:43.360	0.2	1110	157.841586	432.702581	21	0.000026	0	0	19	0.3	0	0.08565
12:38:44.360	0	1139	152.040273	432	20.1	0.000021	0	0	19	0.1	0	0.08565
12:38:45.360	0	1115	146.84378	429.699383	19.6	0.000016	0	0	19	0.1	0	0.08565
12:38:46.360	1.9	975	141.647288	426.346527	17.8	0.000013	0	0	19	0.1	0	0.08565
12:38:47.360	13.1	992	143.966919	422.671617	15.5	0.000011	0	0	19	0	0	0.08565
12:38:48.360	37	1104	149.775	419.867159	13.5	0.000012	0	0	19	0	0	0.08565
12:38:49.360	61.1	1245	155.583081	415.0476	10.2	0.000017	0	0	19	0	0	0.08565
12:38:50.360	68.1	1413	180.858906	408.410394	8.5	0.000098	0	0	19	0	0	0.08565
12:38:51.360	68.7	1564	224.469433	398.836972	8.5	0.000226	0	0	19	0	0	0.08565
12:38:52.360	68.2	1781	268.07796	389.34378	11.1	0.000315	0	0	19	0	0	0.08565
12:38:53.360	64.4	1953	292.3958	380.614537	12.5	0.000328	0	0	19	0	0	0.08565
12:38:54.360	60.9	1799	301.490133	371.442687	13.5	0.00029	0	0	19	0	0	0.08565
12:38:55.360	57	1447	310.023467	364.175724	14.7	0.000236	0	0	19	0.1	0	0.08565
12:38:56.360	57.8	1535	312.939549	357.658758	15.7	0.000222	0	0	19	0.2	0	0.08565
12:38:57.360	55.2	1595	310.953686	351.525091	17	0.000211	0	0	19	0.2	0	0.08565
12:38:58.360	37.6	1622	308.967822	345.59107	17.9	0.000187	0	0	19	0.2	0	0.08565
12:38:59.360	28.4	1622	300.911978	339.471429	19.6	0.000171	0	0	19	0.2	0	0.08565
12:39:00.360	30.5	1602	288.14462	335.767052	20.5	0.000154	0	0	19	0.2	0	0.08565
12:39:01.360	40.6	1609	275.377262	332.870901	21.2	0.000145	0	0.00001	19	0.2	0	0.08565
12:39:02.360	45	1621	279.946557	329.788253	20.6	0.000228	0.00001	0	19	0.2	0	0.08566
12:39:03.360	46.5	1649	300.264413	327.156276	20.3	0.00023	0.00001	0	19	0.2	0	0.08567
12:39:04.360	46.6	1647	320.582269	324.555555	21.1	0.000251	0.00001	0	19	0.2	0	0.08568
12:39:05.360	44.2	1653	351.671978	321.675622	22	0.000289	0.00001	0.00141	19	0.2	0	0.08569
12:39:06.360	43.9	1645	406.186192	319.8	21.5	0.000326	0.00001	0.0033	19	0.2	0	0.0857
12:39:07.360	44	1641	460.700406	319.8	20.9	0.000341	0.00001	0.00448	19	0.2	0	0.08571
12:39:08.360	45.8	1636	511.835252	318.365	20.5	0.000352	0.00001	0.00531	19	0.4	0	0.08572
12:39:09.360	45.9	1631	536.705286	317.262202	20.8	0.000362	0.00001	0.00586	19	0.5	0	0.08573
12:39:10.360	45.2	1633	561.57652	319.681485	21	0.000375	0.00002	0.00658	19	0.6	0	0.08575
12:39:11.360	52.7	1647	586.354489	319.977143	21.1	0.000417	0.00002	0.00712	19	0.7	0	0.08577
12:39:12.360	51.7	1687	607.013079	322.927546	21.3	0.000473	0.00003	0.00641	19	0.8	0	0.0858
12:39:13.360	52.6	1732	627.671668	327.768948	21.7	0.000518	0.00004	0.00497	19	0.9	0	0.08584
12:39:14.360	55.4	1795	648.330258	333.583232	22	0.000571	0.00005	0.00632	19	1.1	0	0.08589
12:39:15.360	55.2	1850	652.4	342.48364	22.2	0.000624	0.00006	0.00981	19	1.2	0	0.08595
12:39:16.360	55.7	1910	652.4	356.441347	23	0.000632	0.00007	0.01201	19	1.4	0	0.08602
12:39:17.360	51	1941	652.4	370.742857	24.1	0.000464	0.00006	0.00909	19	1.6	0	0.08608
12:39:18.360	60.5	1650	616.881792	384.099469	24.9	0.000338	0.00006	0.00391	19	1.8	0	0.08614
12:39:19.360	71.3	1359	567.75564	398.811957	25.8	0.000256	0.00006	0.00103	19	1.8	0	0.0862
12:39:20.360	71	1345	518.629488	411.349522	25.3	0.000263	0.00006	0.00019	19	1.8	0	0.08626
12:39:21.360	68.1	1359	488.064267	421.369118	24.8	0.000336	0.00006	0	19	1.6	0	0.08632
12:39:22.360	61.9	1375	471.161954	430.376792	24.6	0.000382	0.00006	0	19	1.3	0	0.08638
12:39:23.360	54.2	1383	454.25964	438.37467	24.6	0.000316	0.00004	0	19	1.1	0	0.08642
12:39:24.360	54.9	1392	461.5705	443.579348	24.5	0.000286	0.00003	0	19	1	0	0.08645
12:39:25.360	50.7	1397	496.85175	445.2	24.3	0.000338	0.00003	0.00109	19	0.8	0	0.08648
12:39:26.360	52.9	1400	532.133	446.22819	24.7	0.000394	0.00002	0.00769	19	0.8	0	0.0865
12:39:27.360	51.8	1398	563.993161	448.5	25.2	0.000417	0.00003	0.01098	19	0.8	0	0.08653
12:39:28.360	52.5	1400	586.315742	448.5	25.2	0.000426	0.00003	0.01154	19	0.9	0	0.08656
12:39:29.360	51.7	1404	608.638323	448.5	25.3	0.000435	0.00003	0.01139	19	1	0	0.08659
12:39:30.360	50.1	1423	622.317722	449.270667	25.7	0.00043	0.00004	0.01093	19	1.3	0	0.08663
12:39:31.360	42.7	1431	591.937975	451.9	26.1	0.000386	0.00005	0.00947	19	1.8	0	0.08668
12:39:32.360	51.1	1436	561.558228	451.9	26.1	0.000338	0.00007	0.00604	19	2.6	0	0.08675
12:39:33.360	59.7	1435	531.188182	451.9	26.2	0.000276	0.00008	0.00241	19	3.2	0	0.08683
12:39:34.360	58.7	1434	503.233636	452.258718	26.6	0.000244	0.00009	0.00077	19	3.3	0	0.08692
12:39:35.360	59.4	1420	475.279691	455.151603	27	0.000234	0.00009	0.00006	19	3.3	0	0.08701
12:39:36.360	59.6	1416	447.324545	455.6	27.3	0.000232	0.00007	0	19	2.8	0	0.08708
12:39:37.360	60.6	1398	432.416216	455.6	27.4	0.00023	0.00006	0	19	2.4	0	0.08714
12:39:38.360	60.9	1378	418.580952	455.6	28.2	0.00022	0.00005	0	19	2	0	0.08719
12:39:39.360	62.9	1363	404.745689	452.422353	29.3	0.000233	0.00004	0	19	1.7	0	0.08723
12:39:40.360	67.1	1360	402.2	449.001395	28.4	0.000252	0.00004	0	19	1.5	0	0.08727
12:39:41.360	74.7	1367	402.2	445.91105	27	0.000284	0.00004	0	19	1.5	0	0.08731
12:39:42.360	72.8	1380	402.2	442.391333	26.5	0.000299	0.00004	0	19	1.2	0	0.08735
12:39:43.360	71.2	1411	403.105397	439.030723	26.3	0.000302	0.00003	0	19	1.1	0	0.08738
12:39:44.360	71.9	1439	404.193333	433.422362	26.5	0.000306	0.00003	0	19	1.1	0	0.08741
12:39:45.360	70.1	1462	405.285828	426.415444	26.6	0.000305	0.00003	0	19	1	0	0.08744
12:39:46.360	67.3	1473	400.054673	419.71994	26.7	0.000287	0.00003	0	19	0.9	0	0.08747
12:39:47.360	64.9	1473	393.26255	414.332733	26.9	0.000254	0.00002	0	19	0.9	0	0.08749
12:39:48.360	62.8	1466	386.510139	408.354945	27.3	0.000228	0.00002	0	19	0.8	0	0.08751
12:39:49.360	62.7	1455	381.739471	403.649258	27.4	0.000233	0.00002	0	19	0.7	0	0.08753
12:39:50.360	64.6	1443	378.772606	398.844404	27.2	0.000246	0.00002	0	19	0.7	0	0.08755
12:39:51.360	64.2	1441	375.805901	394.256543	26.8	0.000247	0.00002	0	19	0.7	0	0.08757
12:39:52.360	64.8	1447	371.060154	389.71988	26.7	0.000246	0.00002	0	19	0.7	0	0.08759
12:39:53.360	62.6	1452	366.52993	385.092764	26.6	0.000201	0.00001	0	19	0.6	0	0.0876
12:39:54.360	64.3	1455	361.319705	382.057679	26.6	0.00019	0.00001	0	19	0.6	0	0.08761
12:39:55.360	63.8	1462	359.777549	377.037565	26.6	0.000314	0.00002	0	19	0.5	0	0.08763
12:39:56.360	54.7	1477	362.052224	372.394247	26.5	0.000298	0.00002	0	19	0.5	0	0.08765
12:39:57.360	54.6	1492	365.954299	369.341359	26.7	0.00028	0.00001	0	19	0.4	0	0.08766
12:39:58.360	49.7	1502	391.114469	366.244456	26.3	0.000322	0.00001	0.00098	19	0.3	0	0.08767
12:39:59.360	54.1	1505	444.940636	364.6	25.9	0.000383	0.00001	0.00995	19	0.2	0	0.08768
12:40:00.360	52.9	1505	498.767203	364.6	26.4	0.000408	0	0.01615	19	0.2	0	0.08768
12:40:01.360	54.3	1499	544.129578	364.6	27	0.000425	0.00001	0.01584	19	0.2	0	0.08769
12:40:02.360	55.7	1492	571.912895	364.6	27.3	0.000434	0.00001	0.0146	19	0.3	0	0.0877
12:40:03.360	52.4	1482	599.696211	364.6	27.7	0.000442	0.00001	0.01356	19	0.4	0	0.08771
12:40:04.360	52.6	1479	622.263605	365.710494	27.5	0.000446	0.00002	0.01328	19	0.6	0	0.08773
12:40:05.360	55.1	1481	633.532508	368.725218	27.3	0.000447	0.00004	0.01356	19	1.1	0	0.08777
12:40:06.360	53.7	1474	644.803411	371.770156	27.4	0.000453	0.00008	0.01376	19	2.5	0	0.08785
12:40:07.360	53.2	1472	654.755613	376.335665	27.5	0.000469	0.00021	0.01452	19	5.9	0	0.08806
12:40:08.360	54.1	1484	661.903439	383.074227	27.4	0.000499	0.00059	0.01745	19	15.7	0	0.08865
12:40:09.360	53.2	1491	669.207226	390.753405	27.5	0.000521	0.00122	0.02116	19	34	0	0.08990
12:40:10.360	52.4	1505	675.815816	398.58919	28	0.000531	0.00231	0.02499	19	58	0	0.09220
12:40:11.360	53.7	1514	680.310578	408.467442	28.3	0.000531	0.00342	0.02715	19	86	0	0.09571
12:40:12.360	53.6	1515	684.80534	417.501362	28	0.000525	0.00437	0.02826	19	118.6	0	0.10030
12:40:13.360	55.6	1523	674.007618	428.36	27.8	0.00047	0.00502	0.02509	19	141.3	0	0.1054
12:40:14.360	59.8	1538	621.227162	438.755261	27.8	0.000385	0.00459	0.01319	19	154	0	0.10999
12:40:15.360	59	1537	568.446705	450.076764	25	0.000297	0.00364	0.00348	19	155.3	0	0.11363
12:40:16.360	62.5	1542	519.018243	460.605569	27.3	0.000259	0.00315	0.00097	19	145.8	0	0.11678
12:40:17.360	64.3	1544	487.725074	467.760054	25.9	0.000223	0.00243	0.00026	19	115.6	0	0.11921
12:40:18.360	50.8	1547	456.431885	473.669231	26.7	0.0002	0.00174	0.00005	19	88	0	0.12095
12:40:19.360	33.7	1547	425.665641	477.334965	27.2	0.000192	0.00101	0	19	52	0	0.12196
12:40:20.360	17.6	1503	398.904897	480.3	26.3	0.000182	0.00044	0	19	33.8	0	0.1226
12:40:21.360	16.6	1279	372.141133	480.3	25.5	0.000142	0.00036	0	19	22	0	0.12296
12:40:22.360	19.9	1170	345.701342	483.8	25.5	0.000132	0.00024	0	19	16.5	0	0.1232
12:40:23.360	21.3	1181	330.936242	483.8	25.5	0.000092	0.00019	0	19	13.2	0	0.12339
12:40:24.360	21.2	1198	316.171143	483.8	25.4	0.000079	0.00015	0	19	10.4	0	0.12354
12:40:25.360	20.6	1218	301.715723	483.431974	25.4	0.000074	0.00012	0	19	8.4	0	0.12366
12:40:26.360	20.1	1240	293.539623	480.3	25.3	0.000073	0.00011	0	19	7.3	0	0.12377
12:40:27.360	20	1260	285.363522	480.069131	25.2	0.000072	0.00009	0	19	6.3	0	0.12386
12:40:28.360	19.3	1273	277.237765	476.8	26.3	0.000071	0.00008	0	19	5.3	0	0.12394
12:40:29.360	19.5	1277	270.997975	476.582353	27.7	0.00007	0.00007	0	19	4.9	0	0.12401
12:40:30.360	19.3	1278	264.758104	473.381618	28.3	0.00007	0.00007	0	19	4.6	0	0.12408
12:40:31.360	23.9	1273	258.518393	469.575475	29.1	0.000068	0.00006	0	19	4.1	0	0.12414
12:40:32.360	46.5	1287	263.974723	466.055378	29	0.000071	0.00006	0	19	3.8	0	0.1242
12:40:33.360	60.3	1288	269.855265	460.477629	29.5	0.000086	0.00007	0	19	3.4	0	0.12427
12:40:34.360	63.7	1284	275.735807	453.683816	30.8	0.000116	0.00007	0	19	3.1	0	0.12434
12:40:35.360	65.2	1289	290.413573	449.304264	31.5	0.000186	0.00006	0	19	2.6	0	0.1244
12:40:36.360	68.6	1294	308.563605	442.660785	31.3	0.000227	0.00007	0	19	2.5	0	0.12447
12:40:37.360	69.6	1295	326.713636	434.837207	31.2	0.000249	0.00006	0	19	2.4	0	0.12453
12:40:38.360	67.8	1292	339.548134	425.21978	31.7	0.000254	0.00006	0	19	2.4	0	0.12459
12:40:39.360	66.2	1287	348.385998	418.26704	31.9	0.000252	0.00006	0	19	2.4	0	0.12465
12:40:40.360	65.1	1264	357.229862	412.044939	31.4	0.000223	0.00005	0	19	2.3	0	0.1247
12:40:41.360	58.1	1234	356.293677	405.120279	30.6	0.000191	0.00004	0	19	2.3	0	0.12474
12:40:42.360	52.6	1195	346.223419	400.462569	30.2	0.000161	0.00004	0	19	2.2	0	0.12478
12:40:43.360	51.3	1162	336.153162	395.590022	29.7	0.000139	0.00003	0	19	2.1	0	0.12481
12:40:44.360	54.2	1146	328.930323	390.653889	29.3	0.00013	0.00003	0	19	2	0	0.12484
12:40:45.360	58.9	1139	324.252903	387.874211	28.8	0.000132	0.00003	0	19	2	0	0.12487
12:40:46.360	62.6	1126	319.575484	383.807173	28	0.000143	0.00003	0	19	2	0	0.1249
12:40:47.360	64.5	1131	317.719274	378.880317	26.9	0.000157	0.00003	0	19	2	0	0.12493
12:40:48.360	63.7	1140	319.633465	375.50584	25.9	0.000162	0.00003	0	19	1.9	0	0.12496
12:40:49.360	56	1162	321.547657	372.960749	25.5	0.000164	0.00003	0	19	1.9	0	0.12499
12:40:50.360	51.3	1193	321.572485	369.293103	25.5	0.000148	0.00003	0	19	1.8	0	0.12502
12:40:51.360	53.7	1220	318.739531	366.275747	24.9	0.000142	0.00003	0	19	1.7	0	0.12505
12:40:52.360	50.8	1235	315.905578	363.461363	25.4	0.000138	0.00002	0	19	1.7	0	0.12507
12:40:53.360	42	1248	311.5039	361.5	26.4	0.000136	0.00002	0	19	1.6	0	0.12509
12:40:54.360	39.6	1249	303.870567	360.465727	27	0.000137	0.00002	0	19	1.6	0	0.12511
12:40:55.360	39.4	1249	296.237233	357.511973	27.3	0.000137	0.00002	0	19	1.6	0	0.12513
12:40:56.360	40.2	1245	290.0171	355.4	28	0.000132	0.00002	0	19	1.5	0	0.12515
12:40:57.360	40.5	1225	287.0171	354.392207	28.5	0.000126	0.00002	0	19	1.4	0	0.12517
12:40:58.360	42.3	1209	284.0171	353.325084	27.7	0.00012	0.00002	0	19	1.4	0	0.12519
12:40:59.360	46.2	1184	283	349	27.3	0.000116	0.00002	0	19	1.2	0	0.12521
12:41:00.360	50.6	1162	283	348.14246	27.4	0.000116	0.00002	0	19	1.1	0	0.12523
12:41:01.360	58.4	1142	283	346.1	27.3	0.000126	0.00002	0	19	1	0	0.12525
12:41:02.360	69.1	1113	285.188155	345.65964	27	0.000171	0.00002	0	19	0.8	0	0.12527
12:41:03.360	70	1365	303.731545	343.2	26.5	0.000242	0.00002	0	19	0.8	0	0.12529
12:41:04.360	73.6	1434	322.27553	343.2	26.2	0.000298	0.00002	0	19	0.8	0	0.12531
12:41:05.360	75.5	1434	340.328642	340.090728	26	0.000321	0.00002	0	19	0.7	0	0.12533
12:41:06.360	72.1	1429	341.35157	337.4	24.9	0.000302	0.00002	0	19	0.7	0	0.12535
12:41:07.360	43.6	1392	342.374497	337.069535	23.5	0.000202	0.00001	0	19	0.6	0	0.12536
12:41:08.360	24.6	1328	340.312745	334.5	24.6	0.000155	0.00001	0	19	0.6	0	0.12537
12:41:09.360	32.1	1265	325.352873	333.850127	25.8	0.000135	0.00001	0	19	0.7	0	0.12538
12:41:10.360	29.2	1206	310.393002	331.4	24.8	0.000113	0.00001	0	19	0.7	0	0.12539
12:41:11.360	3.5	1147	295.01988	331.4	22.6	0.000101	0.00001	0	19	0.7	0	0.1254
12:41:12.360	0.7	1060	274.761938	331.4	20.7	0.00009	0.00001	0	19	0.7	0	0.12541
12:41:13.360	3	945	254.503995	331.4	18.7	0.000092	0.00001	0	19	0.7	0	0.12542
12:41:14.360	0.5	1047	234.246052	328.677255	16.8	0.000073	0.00001	0	19	0.7	0	0.12543
12:41:15.360	27.2	1100	236.031309	328.405392	15.7	0.000062	0.00001	0	19	0.5	0	0.12544
12:41:16.360	55.5	1502	240.293054	325.929377	14.3	0.000104	0.00001	0	19	0.4	0	0.12545
12:41:17.360	75.9	1812	244.554799	325.6	12.5	0.00024	0	0	19	0.1	0	0.12545
12:41:18.360	83	2121	285.536263	325.489125	13.5	0.000456	0	0	19	0.1	0	0.12545
12:41:19.360	64.3	1879	329.754178	323.025234	15	0.000507	0.00001	0	19	0.1	0	0.12546
12:41:20.360	72.2	1682	373.972092	322.7	17.2	0.000373	0.00001	0	19	0.3	0	0.12547
12:41:21.360	76.1	1780	385.3523	319.901399	18.4	0.000394	0.00002	0	19	0.5	0	0.12549
12:41:22.360	57	1912	394.146582	319.8	20.3	0.000425	0.00003	0	19	0.7	0	0.12552
12:41:23.360	53.9	1895	402.940864	319.8	22.6	0.000358	0.00003	0	19	0.9	0	0.12555
12:41:24.360	65.3	1658	401.694566	319.8	24.3	0.000282	0.00003	0	19	1.1	0	0.12558
12:41:25.360	66.5	1480	396.327239	319.8	26.1	0.000269	0.00004	0	19	1.3	0	0.12562
12:41:26.360	62.2	1503	390.959913	319.8	27.3	0.000225	0.00004	0	19	1.4	0	0.12566
12:41:27.360	63.1	1511	383.167599	319.8	28.7	0.000209	0.00004	0	19	1.6	0	0.1257
12:41:28.360	65.3	1512	374.469245	319.8	28.8	0.000225	0.00004	0	19	1.7	0	0.12574
12:41:29.360	63	1509	365.770892	319.8	28.8	0.000235	0.00005	0	19	1.8	0	0.12579
12:41:30.360	63.4	1511	361.5	319.8	29	0.000247	0.00005	0	19	1.8	0	0.12584
12:41:31.360	65.1	1517	361.5	319.8	29.5	0.000258	0.00005	0	19	1.9	0	0.12589
12:41:32.360	64	1526	361.5	319.8	29.5	0.000258	0.00005	0	19	2	0	0.12595
12:41:33.360	61.9	1537	359.718646	319.8	29.6	0.000247	0.00005	0	19	2	0	0.126
12:41:34.360	60.2	1546	355.5502	319.8	29.6	0.000236	0.00005	0	19	2	0	0.12605
12:41:35.360	52.1	1549	351.380754	319.8	29.5	0.000199	0.00005	0	19	2	0	0.1261
12:41:36.360	54	1557	345.73278	319.8	29.9	0.000182	0.00004	0	19	2	0	0.12614
12:41:37.360	55.9	1556	338.316741	319.8	30.6	0.000171	0.00004	0	19	2	0	0.12618
12:41:38.360	51.8	1548	330.840703	319.8	30.9	0.000171	0.00004	0	19	2.1	0	0.12622
12:41:39.360	44.5	1533	323.325787	318.713304	30.9	0.000171	0.00004	0	19	2.1	0	0.12626
12:41:40.360	43.7	1528	315.72487	316.9	30.5	0.000164	0.00004	0	19	2.1	0	0.1263
12:41:41.360	45.6	1525	308.121352	316.9	30	0.000159	0.00004	0	19	2.1	0	0.12634
12:41:42.360	46.5	1522	301.735669	316.9	29.3	0.000152	0.00004	0	19	2.1	0	0.12638
12:41:43.360	48.1	1535	299.904676	316.9	29.4	0.000156	0.00004	0	19	2.1	0	0.12642
12:41:44.360	43.9	1545	298.232484	316.9	30.5	0.000161	0.00004	0	19	2.1	0	0.12646
12:41:45.360	39.5	1555	295.770837	316.9	31.1	0.000161	0.00004	0	19	2.1	0	0.1265
12:41:46.360	36.8	1308	283.577268	316.648098	30.9	0.000144	0.00004	0	19	2.1	0	0.12654
12:41:47.360	8.4	1182	271.383699	314.22792	30.6	0.000124	0.00003	0	19	2.1	0	0.12657
12:41:48.360	9.5	1191	259.190133	314	30.7	0.00011	0.00003	0	19	2.1	0	0.1266
12:41:49.360	2.9	1203	243.183527	314	31.2	0.000102	0.00003	0	19	2.1	0	0.12663
12:41:50.360	0	1210	226.876652	314	32.2	0.000122	0.00005	0	19	2	0	0.12668
12:41:51.360	0	1221	210.569777	314	32.7	0.000097	0.00005	0	19	1.9	0	0.12673
12:41:52.360	9.9	1237	204.601606	314	32.5	0.000045	0.00003	0	19	1.5	0	0.12676
12:41:53.360	12.1	1254	199.581526	314	32.3	0.000028	0.00002	0	19	0.9	0	0.12678
12:41:54.360	2.3	1260	194.561446	311.12306	32.4	0.000022	0.00001	0	19	0.7	0	0.12679
12:41:55.360	0.2	1248	186.035321	311	32.5	0.000024	0	0	19	0.3	0	0.12679
12:41:56.360	5.7	1237	177.239254	308.453789	32.5	0.00003	0	0	19	0.1	0	0.12679
12:41:57.360	11.3	1227	168.442186	308.1	32.5	0.000029	0	0	19	0	0	0.12679
12:41:58.360	3.3	1218	163.429681	308.1	32.5	0.000025	0	0	19	0	0	0.12679
12:41:59.360	0.4	1200	158.715286	308.1	32.5	0.000022	0	0	19	0	0	0.12679
12:42:00.360	0.4	1189	154.00073	305.136834	32.2	0.000021	0	0	19	0	0	0.12679
12:42:01.360	7.3	1195	153.6	304.908291	31.8	0.000024	0	0	19	0	0	0.12679
12:42:02.360	11.3	1206	153.6	302.429658	31.3	0.000022	0	0	19	0	0	0.12679
12:42:03.360	5.8	1218	153.6	302.1	31.1	0.000019	0	0	19	0	0	0.12679
12:42:04.360	2.9	1226	148.743292	299.145364	31.8	0.000018	0	0	19	0	0	0.12679
12:42:05.360	0.3	1245	143.508771	296.690818	32.7	0.00002	0	0	19	0	0	0.12679
12:42:06.360	0	1264	138.27635	296.6	32.6	0.000043	0	0	19	0	0	0.12679
12:42:07.360	0	1287	135.852143	293.9428	32.7	0.000037	0	0	19	0	0	0.12679
12:42:08.360	0	1310	133.709286	291.637722	33.2	0.000026	0	0	19	0	0	0.12679
12:42:09.360	0	1323	131.566429	288.797768	33.7	0.00002	0	0	19	0	0	0.12679
12:42:10.360	0	1335	129.384669	285.0564	34.3	0.000018	0	0	19	0	0	0.12679
12:42:11.360	0	1336	127.195537	281.190909	34.7	0.000017	0	0	19	0	0	0.12679
12:42:12.360	0	1328	125.005784	277.925588	35.3	0.000017	0	0	19	0	0	0.12679
12:42:13.360	0	1305	122.899432	274.873	35.6	0.000017	0	0	19	0	0	0.12679
12:42:14.360	0	1283	120.81807	270.834961	34.8	0.000016	0	0	19	0	0	0.12679
12:42:15.360	0	1240	118.736708	267.576424	33.8	0.000014	0	0	19	0	0	0.12679
12:42:16.360	30.6	1215	141.285105	264.0336	33.6	0.00001	0	0	19	0	0	0.12679
12:42:17.360	76.1	1221	180.392304	260.805873	33.2	0.000072	0	0	19	0	0	0.12679
12:42:18.360	88	1236	219.500503	257.005556	32.8	0.000237	0	0	19	0	0	0.12679
12:42:19.360	57.6	1341	262.365165	253.011571	32.1	0.000358	0	0	19	0	0	0.12679
12:42:20.360	86.7	1305	310.426466	249.045455	31.1	0.000403	0	0	19	0	0	0.12679
12:42:21.360	84.5	1641	358.606767	247.6	30.5	0.00047	0	0	19	0	0	0.12679
12:42:22.360	88.3	1649	393.88	247.6	30.5	0.000515	0	0	19	0	0	0.12679
12:42:23.360	84.2	1670	403.88	247.6	30.6	0.000509	0	0	19	0	0	0.12679
12:42:24.360	68.7	1655	413.88	247.991265	31	0.000444	0	0	19	0	0	0.12679
12:42:25.360	64.4	1625	420.941247	250.507855	31.4	0.000321	0	0	19	0	0	0.12679
12:42:26.360	66.1	1584	411.137979	252.8	31.3	0.000273	0	0	19	0	0	0.12679
12:42:27.360	66.3	1553	401.334712	253.229501	31.1	0.000255	0	0	19	0	0	0.12679
12:42:28.360	74.6	1518	393.989389	258.3	29.9	0.000279	0	0	19	0	0	0.12679
12:42:29.360	86.6	1505	406.736072	258.995081	28.5	0.000364	0	0	19	0	0	0.12679
12:42:30.360	84.2	1500	419.482756	263.660051	28.6	0.000446	0	0	19	0	0	0.12679
12:42:31.360	85	1517	432.3416	266.7593	28.9	0.000458	0	0	19	0	0	0.12679
12:42:32.360	83.2	1533	440.000267	269.595273	29.2	0.000454	0	0	19	0	0	0.12679
12:42:33.360	85.4	1541	447.874933	274.599807	29.3	0.000544	0	0	19	0	0	0.12679
12:42:34.360	75	1567	455.560421	277.556637	29.1	0.000456	0	0	19	0	0	0.12679
12:42:35.360	80.6	1577	453.361598	280.298817	28.8	0.000385	0	0	19	0	0	0.12679
12:42:36.360	79.2	1585	451.162775	285.032544	29.6	0.000363	0	0	19	0	0	0.12679
12:42:37.360	67.2	1595	448.963952	287.951748	30.7	0.000318	0	0	19	0	0	0.12679
12:42:38.360	69.9	1606	439.205631	290.832935	31	0.0003	0	0	19	0	0	0.12679
12:42:39.360	70.8	1620	427.425596	295.26615	31.2	0.000308	0	0	19	0	0	0.12679
12:42:40.360	56.4	1618	415.645761	298.575542	31.1	0.000229	0	0	19	0	0	0.12679
12:42:41.360	45.3	1422	397.054358	299.3	31.4	0.000184	0	0	19	0	0	0.12679
12:42:42.360	40.2	1219	375.529634	301.083545	32.2	0.00015	0	0	19	0	0	0.12679
12:42:43.360	42.5	1221	354.005311	302.1	32.5	0.00013	0	0	19	0	0	0.12679
12:42:44.360	43.4	1219	337.234619	302.1	32.2	0.000116	0	0	19	0	0	0.12679
12:42:45.360	37	1230	325.255942	303.503868	32	0.000115	0	0	19	0	0	0.12679
12:42:46.360	30.5	1239	313.277266	305	32.1	0.000115	0	0	19	0	0	0.12679
12:42:47.360	15.9	1234	297.830792	305	32.2	0.000117	0	0	19	0	0	0.12679
12:42:48.360	0	1239	274.629472	306.099091	32.5	0.00013	0	0	19	0	0	0.12679
12:42:49.360	0	1237	251.428152	308.1	33	0.00017	0	0	19	0	0	0.12679
12:42:50.360	0	1236	230.295684	308.1	33.2	0.000099	0	0	19	0	0	0.12679
12:42:51.360	0	1230	214.514191	308.1	33.1	0.000055	0	0	19	0	0	0.12679
12:42:52.360	0	1212	198.731698	308.1	32.7	0.000031	0	0	19	0	0	0.12679
12:42:53.360	0	1185	184.748567	307.13936	32.1	0.00002	0	0	19	0	0	0.12679
12:42:54.360	0	1331	175.807757	305	31.1	0.000016	0	0	19	0	0	0.12679
12:42:55.360	0	1179	166.865947	304.678422	30.6	0.000016	0	0	19	0	0	0.12679

12:42:56.360	0	1453	250.099191	301.792300	27.6	0.000018	0	0	19	0	0	0.12679
12:42:57.360	0	1259	252.425532	299.070078	22.4	0.000016	0	0	19	0	0	0.12679
12:42:58.360	0.6	1059	346.751773	296.960709	19.2	0.00001	0	0	19	0	0	0.12679
12:42:59.360	0.5	994	341.078014	294.224156	16.3	0.000008	0	0	19	0	0	0.12679
12:43:00.360	11.7	945	341.135032	291.520119	13.8	0.000007	0	0	19	0	0	0.12679
12:43:01.360	24	895	142.535306	291.1	11.9	0.000006	0	0	19	0	0	0.12679
12:43:02.360	27.5	887	143.93759	289.23323	10.8	0.000006	0	0	19	0	0	0.12679
12:43:03.360	54.5	1095	168.334727	286.50198	9.8	0.000016	0	0	19	0	0	0.12679
12:43:04.360	86.2	1418	204.058199	284.310429	9	0.00015	0	0	19	0	0	0.12679
12:43:05.360	81	1624	239.781672	279.820444	8.7	0.000405	0	0	19	0	0	0.12679
12:43:06.360	92.5	1813	291.768456	275.509330	9.3	0.00062	0	0	19	0	0	0.12679
12:43:07.360	94.3	2107	356.533557	273.898305	9.6	0.000822	0	0	19	0	0	0.12679
12:43:08.360	89.3	2104	421.298658	272	12.7	0.00072	0	0	19	0	0	0.12679
12:43:09.360	80.4	1807	451.087156	273.859066	17.9	0.000581	0	0	19	0	0	0.12679
12:43:10.360	76.9	1923	455.54777	276.250239	20.7	0.000521	0	0	19	0	0	0.12679
12:43:11.360	75.2	2031	460.008383	278.649454	23.4	0.000428	0	0	19	0	0	0.12679
12:43:12.360	71.5	1907	456.946494	281.425767	25.9	0.000334	0	0	19	0	0	0.12679
12:43:13.360	78.4	1486	443.453639	284.227273	27.5	0.000298	0	0	19	0	0	0.12679
12:43:14.360	73.8	1518	429.960784	286.923353	28.7	0.000303	0	0	19	0	0	0.12679
12:43:15.360	70.9	1561	420.188967	289.631423	29.4	0.000309	0	0	19	0	0	0.12679
12:43:16.360	69.4	1598	415.775251	293.426147	30	0.000302	0	0	19	0	0	0.12679
12:43:17.360	70.2	1632	411.361535	296.6	30.5	0.000299	0	0	19	0	0	0.12679
12:43:18.360	70.1	1675	406.532	297.840457	31.3	0.000307	0	0	19	0	0	0.12679
12:43:19.360	69.9	1717	401.132	300.495915	31.8	0.000309	0	0	19	0	0	0.12679
12:43:20.360	66.6	1755	395.732	302.1	32.6	0.000296	0	0	19	0	0	0.12679
12:43:21.360	64.6	1665	327.392	303.444677	33.1	0.000265	0	0	19	0	0	0.12679
12:43:22.360	63.5	1364	374.992	305	33.3	0.000203	0	0	19	0	0	0.12679
12:43:23.360	48.9	1379	352.592	305	33.9	0.000167	0	0	19	0	0	0.12679
12:43:24.360	34.4	1374	347.957846	306.421089	35.7	0.000138	0	0	19	0	0	0.12679
12:43:25.360	16.4	1343	330.238431	308.1	36.3	0.000134	0	0	19	0	0	0.12679
12:43:26.360	23.2	1337	312.519016	308.1	35.5	0.000129	0	0	19	0	0	0.12679
12:43:27.360	37.9	1327	302.486417	308.1	35.1	0.000116	0	0	19	0	0	0.12679
12:43:28.360	51	1316	303.424321	308.1	34.7	0.000127	0	0	19	0	0	0.12679
12:43:29.360	58.3	1310	304.362225	308.1	34.1	0.00016	0	0	19	0	0	0.12679
12:43:30.360	63.2	1304	306.484639	308.1	34	0.00019	0	0	19	0	0	0.12679
12:43:31.360	66.2	1319	311.124138	308.1	34	0.000205	0	0	19	0	0	0.12679
12:43:32.360	49.2	1287	315.763636	307.767718	34.1	0.00018	0	0	19	0	0	0.12679
12:43:33.360	38.7	1266	318.397251	305	33.6	0.000155	0	0	19	0	0	0.12679
12:43:34.360	36.9	1230	307.606273	305	32.8	0.000138	0	0	19	0	0	0.12679
12:43:35.360	37.4	1213	296.816495	305	32.3	0.000124	0	0	19	0	0	0.12679
12:43:36.360	42.8	1197	288.209600	304.247723	32.2	0.000116	0	0.00001	19	0	0	0.12679
12:43:37.360	49.5	1192	287.340636	302.1	32	0.000112	0	0	19	0	0	0.12679
12:43:38.360	48.7	1197	286.472669	302.1	31.9	0.000118	0	0	19	0	0	0.12679
12:43:39.360	63.4	1209	287.11947	302.1	31.8	0.000156	0	0	19	0	0	0.12679
12:43:40.360	82	1226	300.023739	302.1	32.1	0.000191	0	0	19	0	0	0.12679
12:43:41.360	67.6	1247	312.928008	302.1	32.2	0.000212	0	0	19	0	0	0.12679
12:43:42.360	53.5	1262	325.518756	299.3	32.8	0.000199	0	0	19	0	0	0.12679
12:43:43.360	58.5	1285	320.892113	299.156807	33.1	0.000179	0	0	19	0	0	0.12679
12:43:44.360	51.5	1278	316.267469	296.811121	33.3	0.000155	0	0	19	0	0	0.12679
12:43:45.360	40.2	1263	311.642825	296.6	33.4	0.00014	0	0	19	0	0	0.12679
12:43:46.360	35	1245	302.683969	296.6	33.5	0.000136	0	0	19	0	0	0.12679
12:43:47.360	34.7	1223	293.029719	296.6	33.3	0.00013	0	0	19	0	0	0.12679
12:43:48.360	35.5	1201	283.373469	296.6	32.5	0.000121	0	0.00004	19	0	0	0.12679
12:43:49.360	36.5	1182	277.276180	296.6	31.9	0.000114	0	0.00002	19	0	0	0.12679
12:43:50.360	39.1	1167	273.003956	294.814331	31.6	0.000107	0	0	19	0	0	0.12679
12:43:51.360	48.5	1169	268.731204	293.8	31.2	0.000109	0	0	19	0	0	0.12679
12:43:52.360	58.8	1155	268.811617	293.8	30.6	0.000122	0	0	19	0	0	0.12679
12:43:53.360	54.1	1156	273.224124	292.54651	30.4	0.000125	0	0	19	0	0	0.12679
12:43:54.360	23.4	1149	277.637431	291.1	30.6	0.000118	0	0	19	0	0	0.12679
12:43:55.360	0.5	1125	270.461416	291.1	30.5	0.000122	0	0	19	0	0	0.12679
12:43:56.360	0	1100	248.654666	291.1	30	0.000058	0	0	19	0	0	0.12679
12:43:57.360	0	1083	226.847915	291.1	29.6	0.00016	0	0	19	0	0	0.12679
12:43:58.360	0	1114	208.554761	291.1	29.3	0.000071	0	0	19	0	0	0.12679
12:43:59.360	0	1230	195.113716	289.695102	28.6	0.000035	0	0	19	0	0	0.12679
12:44:00.360	0	1264	181.672671	288.4	27	0.000027	0	0	19	0	0	0.12679
12:44:01.360	0	1242	172.713641	288.4	24.5	0.000028	0	0	19	0	0	0.12679
12:44:02.360	19	1175	168.052447	287.026829	20.7	0.000014	0	0	19	0	0	0.12679
12:44:03.360	38.1	1406	163.392252	285.7	17.5	0.00001	0	0	19	0	0	0.12679
12:44:04.360	42.1	1415	165.411883	284.463726	15	0.00002	0	0	19	0	0	0.12679
12:44:05.360	20.8	1398	176.60738	281.89605	13.2	0.000042	0	0	19	0	0	0.12679
12:44:06.360	0	1157	187.801276	280.1	12.4	0.000076	0	0	19	0	0	0.12679
12:44:07.360	3.9	912	196.672589	280.1	11.2	0.000089	0	0	19	0	0	0.12679
12:44:08.360	25.8	907	197.445533	279.455041	9.5	0.000076	0	0	19	0	0	0.12679
12:44:09.360	30	874	198.220477	276.9626	7.7	0.000063	0	0	19	0	0	0.12679
12:44:10.360	53.3	926	203.575544	274.7	5.5	0.000084	0	0	19	0	0	0.12679
12:44:11.360	91	1514	241.898675	274.337145	4.2	0.000249	0	0	19	0	0	0.12679
12:44:12.360	65.1	1749	280.223606	272.083359	5.6	0.000324	0	0	19	0	0	0.12679
12:44:13.360	75.2	1770	317.329706	269.057758	7.2	0.000327	0	0	19	0	0	0.12679
12:44:14.360	27.4	1397	327.322261	266.6	8.9	0.000313	0	0	19	0	0	0.12679
12:44:15.360	55	1461	337.316016	266.350163	10.5	0.000272	0	0	19	0	0	0.12679
12:44:16.360	58.4	1554	346.701291	263.8	12	0.000263	0	0	19	0	0	0.12679
12:44:17.360	69.2	1735	351.670636	263.8	13.2	0.000309	0	0	19	0	0	0.12679
12:44:18.360	65.5	1953	356.639981	263.8	14.1	0.000355	0	0	19	0	0	0.12679
12:44:19.360	69.3	2113	361.875253	263.982929	15.6	0.000399	0	0	19	0	0	0.12679
12:44:20.360	79.5	1677	378.932215	266.6	17.9	0.000396	0	0	19	0	0	0.12679
12:44:21.360	79	1644	395.989177	266.6	19.6	0.000443	0	0	19	0	0	0.12679
12:44:22.360	76.5	1751	413.046139	269.045064	21.1	0.0004	0	0	19	0	0	0.12679
12:44:23.360	71.5	1822	418.197967	269.3	22.2	0.000403	0	0	19	0	0	0.12679
12:44:24.360	74	1914	421.443869	274.038649	23	0.000611	0	0	19	0	0	0.12679
12:44:25.360	60.2	1994	424.65977	274.7	23.4	0.000506	0	0	19	0	0	0.12679
12:44:26.360	48.4	1736	448.022969	279.330909	25.2	0.000398	0	0	19	0	0	0.12679
12:44:27.360	49	1580	476.006921	280.1	27.5	0.000411	0	0.00093	19	0	0	0.12679
12:44:28.360	45	1482	503.990873	284.848699	27.5	0.000446	0	0.00601	19	0	0	0.12679
12:44:29.360	41	1485	524.599	288.0274	27.5	0.000403	0	0.00806	19	0	0	0.12679
12:44:30.360	24.6	1448	543.599	290.52354	28.4	0.000309	0	0.00785	19	0	0	0.12679
12:44:31.360	21.1	1427	562.599	293.392905	29.2	0.000258	0	0.00816	19	0	0	0.12679
12:44:32.360	26.1	1412	529.890372	296.169442	28.6	0.000207	0	0.00553	19	0	0	0.12679
12:44:33.360	37.4	1415	485.907577	300.52591	28.5	0.00015	0	0.00268	19	0	0	0.12679
12:44:34.360	49.6	1434	441.925783	304.0198	28.9	0.000115	0	0.00108	19	0	0	0.12679
12:44:35.360	55.4	1465	414.362365	308.936571	29.6	0.000121	0	0.00039	19	0	0	0.12679
12:44:36.360	56.2	1502	396.793389	314.499273	30.6	0.000147	0	0.00006	19	0	0	0.12679
12:44:37.360	43.4	1522	379.218413	320.133939	31.5	0.000157	0	0	19	0	0	0.12679
12:44:38.360	32.7	1419	362.043561	325.917769	32.3	0.000143	0	0	19	0	0	0.12679
12:44:39.360	34.7	1183	345.238676	331.279747	33	0.00012	0	0	19	0	0	0.12679
12:44:40.360	34.2	1198	328.429592	335.541026	33.7	0.000109	0	0	19	0	0	0.12679
12:44:41.360	35.1	1202	314.369956	338.413956	34.2	0.0001	0	0	19	0	0	0.12679
12:44:42.360	34.5	1206	306.312492	341.151936	34.4	0.000096	0	0	19	0	0	0.12679
12:44:43.360	35.3	1209	298.255028	343.66182	34.1	0.000094	0	0	19	0	0	0.12679
12:44:44.360	35.3	1199	290.621594	346.531976	33.2	0.000094	0	0	19	0	0	0.12679
12:44:45.360	35.6	1188	286.354081	349	32.5	0.000093	0	0	19	0	0	0.12679
12:44:46.360	37.7	1174	282.086168	349	32.1	0.000093	0	0	19	0	0	0.12679
12:44:47.360	49.7	1165	277.818255	352.127685	31.6	0.000095	0	0	19	0	0	0.12679
12:44:48.360	55.7	1170	279.700631	352.3	31	0.000098	0	0	19	0	0	0.12679
12:44:49.360	61.4	1179	282.249954	354.565479	30.3	0.000101	0	0	19	0	0	0.12679
12:44:50.360	62	1192	284.799277	355.4	29.6	0.00011	0	0	19	0	0	0.12679
12:44:51.360	62.3	1204	288.031339	355.4	30	0.000118	0	0	19	0	0	0.12679
12:44:52.360	60.6	1211	291.634645	353.25168	31.6	0.000126	0	0	19	0	0	0.12679
12:44:53.360	54.4	1221	295.23795	350.1354	32.6	0.000129	0	0	19	0	0	0.12679
12:44:54.360	42.4	1223	291.042075	349	32.1	0.000131	0	0	19	0	0	0.12679
12:44:55.360	30	1213	284.308323	347.422203	33.9	0.000135	0	0.00002	19	0	0	0.12679
12:44:56.360	27.8	1207	276.566571	344.787757	33.5	0.000136	0	0.00008	19	0	0	0.12679
12:44:57.360	28.1	1202	270.205643	342.2	31.3	0.000132	0	0.00011	19	0	0	0.12679
12:44:58.360	31.5	1203	265.745555	341.965023	32.1	0.000122	0	0.00008	19	0	0	0.12679
12:44:59.360	36.4	1215	261.284460	339.338486	33.2	0.000109	0	0.00003	19	0	0	0.12679
12:45:00.360	37.8	1213	258.597147	337.6	32.6	0.000097	0	0	19	0	0	0.12679
12:45:01.360	40.1	1214	259.49497	336.3	32.3	0.000092	0	0	19	0	0	0.12679
12:45:02.360	45.5	1220	260.392594	333.698223	32.2	0.000096	0	0	19	0	0	0.12679
12:45:03.360	46.7	1222	260.354714	330.6779	32.1	0.000102	0	0	19	0	0	0.12679
12:45:04.360	30.7	1218	256.839214	327.89825	32.1	0.000106	0	0	19	0	0	0.12679
12:45:05.360	27.9	1207	253.323714	325.6	32.3	0.000111	0	0	19	0	0	0.12679
12:45:06.360	31.4	1204	250.032212	325.212223	32.7	0.000112	0	0	19	0	0	0.12679
12:45:07.360	33.3	1206	249.215405	322.201524	33.3	0.000104	0	0	19	0	0	0.12679
12:45:08.360	39.4	1211	248.398759	319.8	33.4	0.000096	0	0	19	0	0	0.12679
12:45:09.360	54.4	1211	247.91575	319.623379	31.3	0.000095	0	0	19	0	0	0.12679
12:45:10.360	65.4	1219	263.263034	316.791956	31	0.000128	0	0	19	0	0	0.12679
12:45:11.360	68	1226	276.630317	314.33641	30.7	0.000164	0	0	19	0	0	0.12679
12:45:12.360	69	1235	290.9726	311.459274	30.5	0.000191	0	0	19	0	0	0.12679
12:45:13.360	73.1	1246	302.14763	308.370999	30.4	0.000215	0	0	19	0	0	0.12679
12:45:14.360	57.3	1256	312.543184	305.737479	30.3	0.000206	0	0	19	0	0	0.12679
12:45:15.360	54.7	1272	322.938730	302.775215	30.3	0.000169	0	0	19	0	0	0.12679
12:45:16.360	48.5	1281	317.769421	302.1	30.4	0.000151	0	0	19	0	0	0.12679
12:45:17.360	39.2	1286	307.242705	300.050766	31.2	0.000138	0	0	19	0	0	0.12679
12:45:18.360	37.3	1292	296.715989	299.3	32.2	0.000133	0	0	19	0	0	0.12679
12:45:19.360	35.8	1294	286.323260	297.011	33.4	0.00013	0	0	19	0	0	0.12679
12:45:20.360	31.5	1294	275.982006	296.6	32.6	0.000124	0	0.00002	19	0	0	0.12679
12:45:21.360	7.7	1285	265.640745	296.6	32.4	0.000123	0	0	19	0	0	0.12679
12:45:22.360	0.1	1262	250.728118	294.182072	33.1	0.000139	0	0	19	0	0	0.12679
12:45:23.360	10.1	1257	234.825585	293.8	33	0.000119	0	0	19	0	0	0.12679
12:45:24.360	21.6	1256	218.923052	291.778299	32	0.00006	0	0	19	0	0	0.12679
12:45:25.360	31.6	1255	216.574537	291.1	31.6	0.00004	0	0	19	0	0	0.12679
12:45:26.360	37.1	1244	219.952257	291.1	31.9	0.00003	0	0	19	0	0	0.12679
12:45:27.360	36.6	1217	223.329977	289.432804	32.1	0.000034	0	0	19	0	0	0.12679
12:45:28.360	44.9	1197	230.78	288.4	32	0.000052	0	0	19	0	0	0.12679
12:45:29.360	61.1	1185	240.683846	288.4	32	0.000098	0	0	19	0	0	0.12679
12:45:30.360	77.5	1191	250.587692	286.900228	30.8	0.00016	0	0	19	0	0	0.12679
12:45:31.360	84.1	1198	271.350292	285.7	29.3	0.000239	0	0	19	0	0	0.12679
12:45:32.360	81.9	1209	302.799285	284.451736	29.2	0.000293	0	0	19	0	0	0.12679
12:45:33.360	74.4	1221	334.248278	283	29.4	0.000281	0	0	19	0	0	0.12679
12:45:34.360	58.5	1226	348.5086	281.652642	30	0.000211	0	0	19	0	0	0.12679
12:45:35.360	49.2	1223	339.6086	280.1	30.3	0.000159	0	0	19	0	0	0.12679
12:45:36.360	32.3	1211	330.7086	280.1	31.2	0.000131	0	0	19.6	0	0	0.12679
12:45:37.360	20.3	1198	316.351677	278.843057	32.1	0.000126	0	0	19.4	0	0	0.12679
12:45:38.360	13.2	1184	294.642	277.4	31.6	0.000122	0	0	19	0	0	0.12679
12:45:39.360	3.5	1152	272.932323	277.4	31.5	0.000112	0	0	19.6	0	0	0.12679
12:45:40.360	2.5	1159	252.328765	277.4	31.8	0.000099	0	0	19.4	0	0	0.12679
12:45:41.360	3.3	1160	234.012093	276.568878	31.7	0.000081	0	0	19.6	0	0	0.12679
12:45:42.360	5.1	1161	215.695421	274.7	31.2	0.000062	0	0	19.4	0	0	0.12679
12:45:43.360	5.1	1159	199.381661	274.7	31.3	0.000045	0	0	19	0	0	0.12679
12:45:44.360	5.1	1153	189.966819	274.7	31.9	0.000033	0	0	19	0	0	0.12679
12:45:45.360	7	1150	180.551978	274.7	32.1	0.000025	0	0	19	0	0	0.12679
12:45:46.360	6.6	1138	172.022449	274.7	31.6	0.00002	0	0	19	0	0	0.12679
12:45:47.360	6.3	1120	167.940816	274.7	31.2	0.000018	0	0	19	0	0	0.12679
12:45:48.360	9.6	1110	163.859184	274.7	30.9	0.000017	0	0	19	0	0	0.12679
12:45:49.360	31.7	1109	165.723032	274.7	30.9	0.000017	0	0	19	0	0	0.12679
12:45:50.360	61.8	1122	187.948839	274.049545	31.2	0.000028	0	0	19	0	0	0.12679
12:45:51.360	82	1163	210.174645	272	31.2	0.000087	0	0	19	0	0	0.12679
12:45:52.360	53.4	1194	230.65271	272	30.8	0.000134	0	0	19	0	0	0.12679
12:45:53.360	36.3	1224	239.007548	272	31.3	0.000134	0	0	19.6	0	0	0.12679
12:45:54.360	34.1	1249	247.362387	271.855015	32.9	0.000128	0	0	19.4	0	0	0.12679
12:45:55.360	33.3	1272	255.298067	269.3	34.1	0.000121	0	0	19	0	0	0.12679
12:45:56.360	27.1	1286	247.5314	269.3	34.9	0.000114	0	0	19	0	0	0.12679
12:45:57.360	21.7	1291	239.764733	269.3	35.4	0.000106	0	0	19.5	0	0	0.12679
12:45:58.360	4.1	1293	232.000667	269.1218	35.5	0.000103	0	0	20	0	0	0.12679
12:45:59.360	15	1290	224.334	266.6	35.5	0.000094	0	0	20	0	0	0.12679
12:46:00.360	14.2	1281	216.667333	266.6	35.2	0.000082	0	0	20	0	0	0.12679
12:46:01.360	15.6	1276	209.110793	266.415385	35.3	0.000067	0	0	20	0	0	0.12679
12:46:02.360	15	1270	205.679747	263.8	35.9	0.000061	0	0	20	0	0	0.12679
12:46:03.360	12.8	1266	202.248701	263.8	36.2	0.000058	0	0	20	0	0	0.12679
12:46:04.360	15.6	1265	198.881994	263.8	36.1	0.000054	0	0	20	0	0	0.12679
12:46:05.360	16.3	1262	198.13176	263.695013	36	0.000052	0	0	20	0	0	0.12679
12:46:06.360	17.1	1255	197.381525	261.41268	36.4	0.000052	0	0	20	0	0	0.12679
12:46:07.360	23.6	1252	196.631291	261.1	36.5	0.000052	0	0	20	0	0	0.12679
12:46:08.360	38.2	1249	202.77	258.675576	35.5	0.000052	0	0	20	0	0	0.12679
12:46:09.360	54.9	1245	210.37	258.3	34.8	0.000065	0	0	20	0	0	0.12679
12:46:10.360	57.9	1252	217.97	258.3	34.4	0.000094	0	0	20	0	0	0.12679
12:46:11.360	57.8	1272	230.028576	258.3	34	0.000128	0	0	20	0	0	0.12679
12:46:12.360	45.8	1286	243.032911	256.056863	33.7	0.000141	0	0	20	0	0	0.12679
12:46:13.360	30.5	1283	256.037246	255.5	34	0.00013	0	0	20	0	0	0.12679
12:46:14.360	26.7	1277	252.518	253.1618	35	0.000126	0	0	20	0	0	0.12679
12:46:15.360	24.5	1277	245.518	252.8	35.6	0.00012	0	0	20	0	0	0.12679
12:46:16.360	23.2	1275	238.518	252.8	34.3	0.000112	0	0	20	0	0	0.12679
12:46:17.360	24.4	1271	234.021813	252.8	33.1	0.000101	0	0.00001	20	0	0	0.12679
12:46:18.360	25.3	1269	230.053063	250.81829	33.9	0.000092	0	0	20	0	0	0.12679
12:46:19.360	31.9	1273	226.084313	250.1	34.2	0.000085	0	0	20	0	0	0.12679
12:46:20.360	46.9	1275	229.464189	250.1	33.7	0.000087	0	0	20	0	0	0.12679
12:46:21.360	59.4	1274	237.234459	248.598168	33.2	0.000103	0	0	20	0	0	0.12679
12:46:22.360	61.1	1279	245.00473	247.6	32.6	0.000129	0	0	20	0	0	0.12679
12:46:23.360	68.3	1284	260.946472	247.6	32.5	0.000188	0	0	20	0	0	0.12679
12:46:24.360	64.6	1287	280.986221	247.6	32.9	0.00023	0	0	20	0	0	0.12679
12:46:25.360	53.7	1292	301.025969	247.6	33.2	0.000217	0	0	20	0	0	0.12679
12:46:26.360	57	1290	306.775085	247.6	33.4	0.000182	0	0	20	0	0	0.12679
12:46:27.360	61.4	1282	304.727304	245.719818	33.4	0.000162	0	0	20	0	0	0.12679
12:46:28.360	71	1274	302.679522	244.9	33.1	0.000208	0	0	20	0	0	0.12679
12:46:29.360	80.1	1272	310.330927	244.9	32.9	0.000263	0	0	20	0	0	0.12679
12:46:30.360	71.3	1277	321.810602	246.685259	32.3	0.000265	0	0	20	0	0	0.12679
12:46:31.360	55.5	1276	333.290276	247.6	31.8	0.000216	0	0	20	0	0	0.12679
12:46:32.360	45.3	1263	328.348998	247.6	32.5	0.000163	0	0	20	0	0	0.12679
12:46:33.360	33.7	1249	314.250864	247.6	32.9	0.000131	0	0	20	0	0	0.12679
12:46:34.360	26.4	1239	300.15273	247.6	34	0.000122	0	0	20	0	0	0.12679
12:46:35.360	24.4	1235	287.598644	247.6	35.6	0.000116	0	0	20	0	0	0.12679
12:46:36.360	22.2	1231	275.564746	247.6	35.9	0.000111	0	0	20	0	0	0.12679
12:46:37.360	17.5	1228	263.530847	247.6	35.9	0.000102	0	0	20	0	0	0.12679
12:46:38.360	18.5	1227	256.182793	247.6	35.5	0.000091	0	0	20	0	0	0.12679
12:46:39.360	26.9	1224	250.020878	249.43439	35.1	0.000083	0	0	20	0	0	0.12679
12:46:40.360	53.2	1225	243.858964	250.1	34.5	0.000088	0	0	20	0	0	0.12679
12:46:41.360	64.4	1231	256.195889	250.1	34.5	0.000118	0	0	20	0	0	0.12679
12:46:42.360	69.7	1237	274.79815	250.1	35.2	0.000167	0	0	20	0	0	0.12679
12:46:43.360	77.5	1242	293.400411	250.1	35.5	0.000234	0	0	20	0	0	0.12679
12:46:44.360	80.3	1244	311.617779	252.440541	35.2	0.000277	0	0	20	0	0	0.12679
12:46:45.360	80.5	1250	329.755194	252.8	34.7	0.000282	0	0	20	0	0	0.12679
12:46:46.360	67.9	1256	347.892608	252.8	33.9	0.000238	0	0	20	0	0	0.12679
12:46:47.360	58.3	1259	346.15099	252.8	33.9	0.000213	0	0	20	0	0	0.12679
12:46:48.360	53.9	1262	338.028123	252.8	34.7	0.000171	0	0	20	0	0	0.12679
12:46:49.360	45.9	1261	329.905256	252.8	35.5	0.000135	0	0	20	0	0	0.12679
12:46:50.360	28.7	1258	316.20132	252.8	36.3	0.000126	0	0	20	0	0	0.12679
12:46:51.360	23.4	1255	301.329882	252.8	37.3	0.000125	0	0	20	0	0	0.12679
12:46:52.360	20	1253	286.458443	252.8	38.5	0.000123	0	0	20	0	0	0.12679
12:46:53.360	15.6	1249	273.615475	253.017702	39.4	0.000116	0	0	20	0	0	0.12679
12:46:54.360	15.6	1247	260.881517	255.5	40.1	0.000102	0	0	20	0	0	0.12679
12:46:55.360	24.9	1244	248.14756	255.5	40.3	0.000088	0	0	20	0	0	0.12679
12:46:56.360	31.6	1250	245.85401	255.5	39.7	0.000076	0	0	20	0	0	0.12679
12:46:57.360	33.6	1255	244.02957	255.5	39.3	0.000068	0	0	20	0	0	0.12679
12:46:58.360	25	1256	241.742075	255.5	39	0.000067	0	0	20	0	0	0.12679
12:46:59.360	15.3	1251	231.012739	255.5	38.9	0.000075	0	0	20	0	0	0.12679
12:47:00.360	10.8	1204	220.283404	255.5	39.2	0.000083	0	0	20	0	0	0.12679
12:47:01.360	0.9	1228	209.554068	255.5	39.7	0.000083	0	0	20	0	0	0.12679
12:47:02.360	0	1213	195.74207	255.5	40.3	0.000128	0	0	20	0	0	0.12679
12:47:03.360	0	1198	181.824873	255.5	40.2	0.000098	0	0	20	0	0	0.12679
12:47:04.360	0	1175	167.907675	255.5	39	0.000055	0	0	20	0	0	0.12679
12:47:05.360	0	1142	159.22342	255.5	38	0.000032	0	0	20	0	0	0.12679
12:47:06.360	0	1272	151.633844	253.312243	37.2	0.000023	0	0	20	0	0	0.12679
12:47:07.360	0	1420	144.044267	252.8	36.8	0.000018	0	0	20	0	0	0.12679
12:47:08.360	0	1433	138.194025	252.8	36.8	0.000018	0	0	20	0	0	0.12679
12:47:09.360	0	1401	132.902117	248.662983	36.4	0.000018	0	0	20	0	0	0.12679
12:47:10.360	0	1333	127.610208	247.6	35.4	0.000017	0	0	20	0	0	0.12679
12:47:11.360	0	1292	124.801841	244.993103	33.6	0.000016	0	0	20	0	0	0.12679
12:47:12.360	0	1418	122.509378	242.547619	31	0.000016	0	0	20	0	0	0.12679
12:47:13.360	11.9	1448	120.216916	239.805556	28.5	0.000008	0	0	20	0	0	0.12679
12:47:14.360	39.7	1462	138.179464	236.847407	26.1	0.000009	0	0	20	0	0	0.12679
12:47:15.360	57.2	1505	157.230532	234.393182	24.5	0.000034	0	0	20	0	0	0.12679
12:47:16.360	63.7	1612	179.262152	231.601212	24.1	0.000124	0	0	20	0	0	0.12679
12:47:17.360	67.8	1711	214.167215	228.587234	24.1	0.000247	0	0	20	0	0	0.12679
12:47:18.360	61.5	1781	249.072278	224.429045	24.6	0.000265	0	0	20	0	0	0.12679
12:47:19.360	1	1416	282.471216	221.9	25.1	0.000188	0	0	20	0	0	0.12679
12:47:20.360	22.7	1225	263.586081	221.9	25.5	0.000148	0	0	20	0	0	0.12679
12:47:21.360	1.8	1170	244.700946	221.9	25.7	0.000138	0	0	20	0	0	0.12679
12:47:22.360	0	1119	225.974602	221.587653	25.7	0.000164	0	0	20	0	0	0.12679
12:47:23.360	1	1013	209.424634	219.3	25.5	0.000118	0	0	20	0	0	0.12679
12:47:24.360	0.2	1144	192.874666	219.3	25	0.000053	0	0	20	0	0	0.12679
12:47:25.360	2.4	990	176.324698	219.3	24.7	0.000034	0	0	20	0	0	0.12679
12:47:26.360	12.5	898	171.430251	216.882418	22.8	0.000025	0	0	20	0	0	0.12679
12:47:27.360	22.8	887	167.467239	216.8	18.6	0.000019	0	0	20	0	0	0.12679
12:47:28.360	50.2	971	163.504227	216.8	14.6	0.00002	0	0	20	0	0	0.12679
12:47:29.360	77.9	1322	200.136478	216.8	12.4	0.000059	0	0	20	0	0	0.12679
12:47:30.360	68.4	1540	241.379773	216.8	11.4	0.000197	0	0	20	0	0	0.12679
12:47:31.360	59.4	1524	282.623067	216.8	10.1	0.000253	0	0	20	0	0	0.12679
12:47:32.360	59.3	1595	297.356704	216.8	12.3	0.000248	0	0	20	0	0	0.12679
12:47:33.360	59.3	1761	302.235585	216.8	15.5	0.000246	0	0	20	0	0	0.12679
12:47:34.360	51.1	1521	307.114466	218.878125	16.5	0.000288	0	0	20	0	0	0.12679
12:47:35.360	65.1	1428	319.592864	219.3	17.1	0.000285	0	0	20	0	0	0.12679
12:47:36.360	86	1535	333.994949	221.386228	18	0.000327	0	0	20	0	0	0.12679
12:47:37.360	92	1724	348.397035	221.9	20.1	0.000455	0	0	20	0	0	0.12679
12:47:38.360	86.3	1933	362.430586	224.198891	22	0.000572	0	0	20	0	0	0.12679
12:47:39.360	72.9	2088	376.327138	226.568182	24.3	0.000521	0	0	20	0	0	0.12679
12:47:40.360	80.6	1716	390.22369	231.431042	26.9	0.000349	0	0	20	0	0	0.12679
12:47:41.360	73.2	1582	389.155169	237.123352	28.9	0.000281	0	0	20	0	0	0.12679
12:47:42.360	62.6	1631	384.999764	239.388362	30	0.000259	0	0	20	0	0	0.12679
12:47:43.360	55	1653	380.844358	242.044728	30.9	0.000212	0	0	20	0	0	0.12679
12:47:44.360	37.1	1409	370.526965	245.129468	31.7	0.000179	0	0	20	0	0	0.12679
12:47:45.360	57	1266	359.280664	247.274027	32.1	0.000189	0	0	20	0	0	0.12679
12:47:46.360	64.7	1244	348.034364	249.763265	32.1	0.000196	0	0	20	0	0	0.12679
12:47:47.360	61.6	1248	342.054935	252.698226	32.1	0.00019	0	0	20	0	0	0.12679
12:47:48.360	54.5	1242	337.169591	252.8	32.2	0.000169	0	0	20	0	0	0.12679
12:47:49.360	75.4	1233	332.284247	255.121946	32.2	0.000187	0	0	20	0	0	0.12679
12:47:50.360	82.3	1240	346.582002	255.5	31.9	0.000283	0	0	20	0	0	0.12679
12:47:51.360	81.8	1258	365.119245	257.695077	31.8	0.000339	0	0	20	0	0	0.12679
12:47:52.360	84.3	1278	383.656488	258.3	31.8	0.00039	0	0	20	0	0	0.12679
12:47:53.360	80.1	1306	398.306589	260.8116	32.3	0.000401	0	0	20	0	0	0.12679
12:47:54.360	79	1330	412.281459	263.02367	33.3	0.000382	0	0	20	0	0	0.12679
12:47:55.360	79.5	1347	426.256329	263.8	34	0.000359	0	0	20	0	0	0.12679
12:47:56.360	76.1	1364	429.440804	265.577195	34.1	0.000348	0	0	20	0	0	0.12679
12:47:57.360	70.1	1379	425.095818	268.069795	34.3	0.000312	0	0	20	0	0	0.12679
12:47:58.360	64.5	1383	420.750833	269.3	34.5	0.000273	0	0	20	0	0	0.12679
12:47:59.360	61.4	1389	409.203723	270.833968	35	0.000213	0	0	20	0	0	0.12679
12:48:00.360	55.6	1394	391.218351	273.395358	36	0.000165	0	0	20	0	0	0.12679
12:48:01.360	51.7	1393	373.232979	274.7	36.3	0.000149	0	0	20	0	0	0.12679
12:48:02.360	46.4	1394	356.83984	274.7	35.7	0.000152	0	0	20	0	0	0.12679
12:48:03.360	35.4	1400	341.916456	274.7	35.8	0.000236	0	0	20	0	0	0.12679
12:48:04.360	22.7	1396	326.993071	276.121668	36.7	0.00021	0	0	20	0	0	0.12679
12:48:05.360	16.3	1400	309.486954	277.4	37.2	0.000126	0	0	20	0	0	0.12679
12:48:06.360	12.9	1399	289.577598	277.4	37.3	0.000111	0	0	20	0	0	0.12679
12:48:07.360	4.1	1375	269.668242	278.524009	37.2	0.000092	0	0	20	0	0	0.12679
12:48:08.360	3.5	1396	250.572021	280.1	36.9	0.000081	0	0	20	0	0	0.12679
12:48:09.360	3.5	1393	232.558084	280.1	36.9	0.000068	0	0	20	0	0	0.12679
12:48:10.360	3.7	1389	214.544146	280.1	37.3	0.000054	0	0	20	0	0	0.12679
12:48:11.360	4.1	1390	200.240906	280.1	37.5	0.000041	0	0	20	0	0	0.12679
12:48:12.360	4	1394	188.865067	280.1	37.4	0.000031	0	0	20	0	0	0.12679