Chemical:
MRID:
PC Code:
Plot:
Guideline:

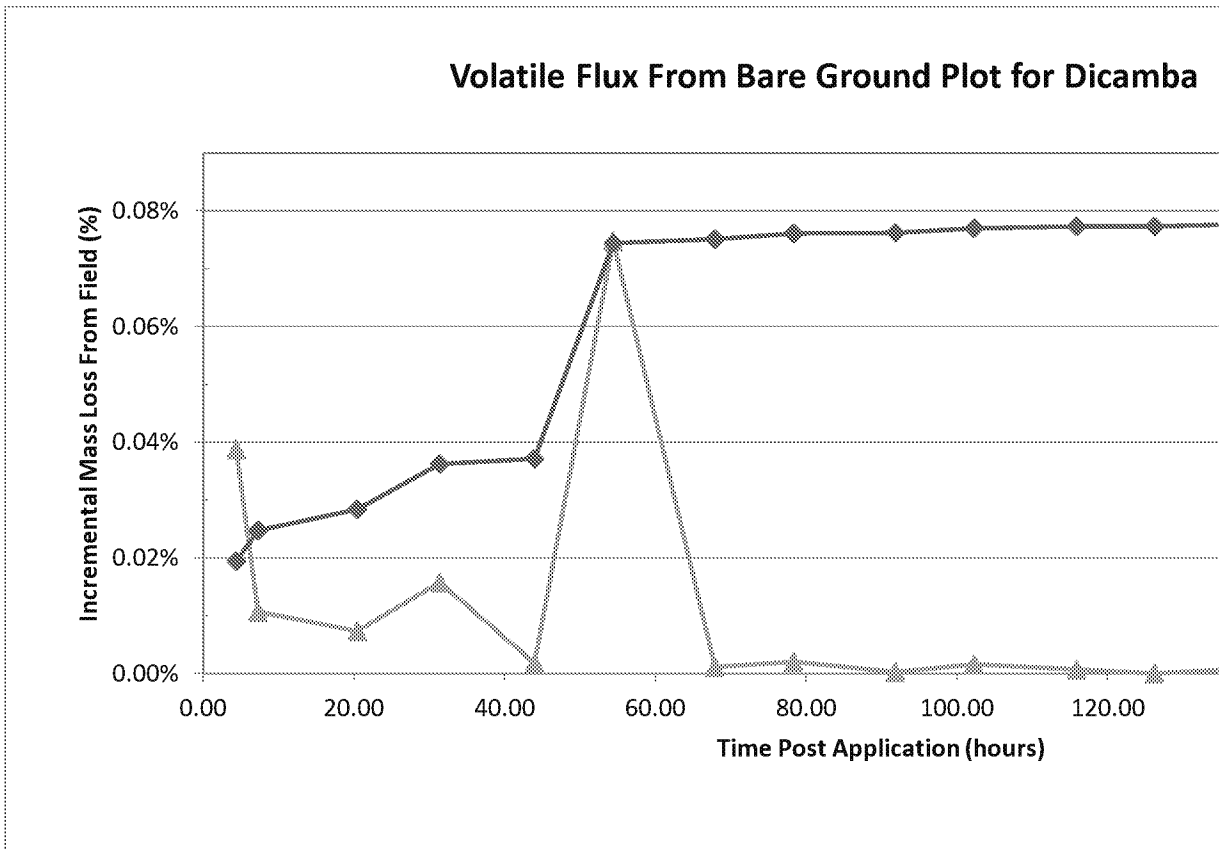
Application Rate (lbs. a.i./A)
Area of the field (acres)

Period
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

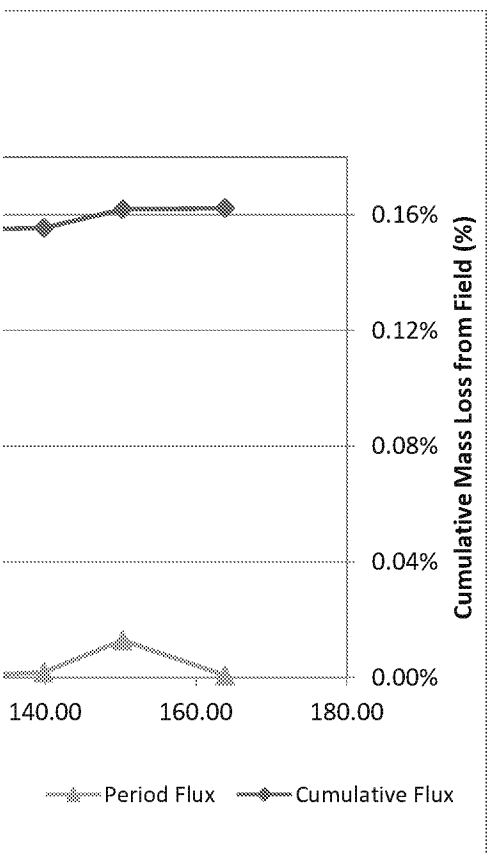
Dicamba DGA
51017503
128931
Bare ground
835.8100

0.5
18.7 Area of the field from p. 14 of the study report.

Date/Time	Sampling Period (hrs.)	Time Post Application (hrs.)	Flux ($\mu g/m^2 \cdot s$)
9/11, 11:58 - 15:51	3.88	4.40	0.001555
9/11, 15:58 - 18:44	2.77	7.28	0.000598
9/11-12, 18:49 - 7:55	13.10	20.47	0.000087
9/12, 7:56 - 18:53	10.95	31.43	0.000223
9/12-13, 18:54 - 7:25	12.52	43.97	0.000023
9/13, 7:25 - 17:52	10.45	54.42	0.001113
9/13-14, 17:53 - 7:22	13.48	67.92	0.000013
9/14, 7:23 - 17:49	10.43	78.37	0.000030
9/14-15, 18:01 - 7:19	13.30	91.87	0.000003
9/15, 7:20 - 17:44	10.40	102.28	0.000024
9/15-16, 17:47 - 7:18	13.52	115.85	0.000008
9/16, 7:22 - 17:41	10.32	126.23	NA
9/16-17, 17:42 - 7:18	13.60	139.85	0.000011
9/17, 7:21 - 17:44	10.38	150.28	0.000096
9/17-18, 17:45 - 7:18	13.55	163.85	0.000004



Period fraction of applied	Cumulative fraction of applied	
0.00039	0.00039	
0.00011	0.00049	
0.00007	0.00057	
0.00016	0.00072	
0.00002	0.00074	
0.00075	0.00149	
0.00001	0.00150	
0.00002	0.00152	
0.00000	0.00152	
0.00002	0.00154	
0.00001	0.00155	
0.00000	0.00155	concentration profile was inverted
0.00001	0.00156	
0.00006	0.00162	
0.00000	0.00162	



Date and time from Appendix D, Table 2, pp. 544-546 of the study report.
Sampling period and time post application calculated in accompanying spreadsheet 128931_51017503_DER-FATE_835.

Chemical:	Dicamba DGA	Raw Air Conc.		
MRID:	51017503			Applicable for specific sampling methods
PC Code:	128931			
Plot:	Bare ground			
Guideline:	835.8100			
	DICAMBA CONCENTRATION IN AIR TUBES (µg/m^3)			
Time Period Following Application	**Sample ID and Height of Measurement (m)**	**Measured Concentration (ng)**	**Sample ID (Back-Half)**	**Measured Concentration (Back-Half) (µg)**
0 - 6	0.15 m	2.042	NA	0.000
	0.33 m	47.683	NA	0.000
	0.55 m	30.148	NA	0.000
	0.9 m	25.706	NA	0.000
	1.5 m	11.676	NA	0.000
	1.5 m	12.407	NA	0.000
6 - 12	0.15 m	17.761	NA	0.000
	0.33 m	13.416	NA	0.000
	0.55 m	9.508	NA	0.000
	0.9 m	7.489	NA	0.000
	1.5 m	3.890	NA	0.000
	1.5 m	4.914	NA	0.000
12 - 24	0.15 m	26.950	NA	0.000
	0.33 m	26.615	NA	0.000
	0.55 m	16.846	NA	0.000
	0.9 m	16.918	NA	0.000
	1.5 m	6.834	NA	0.000
	1.5 m	6.734	NA	0.000
24 - 36	0.15 m	6.319	NA	0.000
	0.33 m	9.240	NA	0.000
	0.55 m	5.320	NA	0.000
	0.9 m	3.395	NA	0.000
	1.5 m	4.026	NA	0.000
	1.5 m	2.560	NA	0.000
36 - 48	0.15 m	8.253	NA	0.000
	0.33 m	6.442	NA	0.000
	0.55 m	4.481	NA	0.000
	0.9 m	4.022	NA	0.000
	1.5 m	2.403	NA	0.000

				Raw Air Conc.			
Sample Collection Start Time (Local Time)	**Sample Collection Stop Time (Local Time)**	**Start Flow Rate (L/min)**	**End Flow Rate (L/min)**	**Sampling Duration (Minutes)**	**Measured Air Concentration ($\mu g/m^3$)**	**Measured Air Concentration (Back-Half) ($\mu g/m^3$)**	**Percent of Front-Half Concentration**
						0.0000	0.00%
11:58	15:51	3.002	3.007	233	0.0681	0.0000	0.00%
11:58	15:50	2.996	2.974	232	0.0435	0.0000	0.00%
11:58	15:50	2.998	3.081	232	0.0365	0.0000	0.00%
11:58	15:48	3.024	3.087	230	0.0166	0.0000	0.00%
11:58	15:49	3.010	3.102	231	0.0176	0.0000	0.00%
16:03	18:44	3.018	2.960	161	0.0369	0.0000	0.00%
16:02	18:43	3.016	2.951	161	0.0279	0.0000	0.00%
16:00	18:43	3.003	2.924	163	0.0197	0.0000	0.00%
16:00	18:42	3.013	2.959	162	0.0155	0.0000	0.00%
15:58	18:41	2.994	2.934	163	0.0081	0.0000	0.00%
15:59	18:42	3.011	2.973	163	0.0101	0.0000	0.00%
18:58	7:55	2.993	2.951	777	0.0117	0.0000	0.00%
18:57	7:55	2.992	2.994	778	0.0114	0.0000	0.00%
18:55	7:55	2.999	3.181	780	0.0070	0.0000	0.00%
18:53	7:55	3.000	3.115	782	0.0071	0.0000	0.00%
18:49	7:55	3.021	3.097	786	0.0028	0.0000	0.00%
18:52	7:55	3.000	2.972	783	0.0029	0.0000	0.00%
7:57	18:53	3.022	3.055	656	0.0032	0.0000	0.00%
7:57	18:52	2.986	2.967	655	0.0047	0.0000	0.00%
7:57	18:52	3.029	2.898	655	0.0027	0.0000	0.00%
7:57	18:52	3.023	2.888	655	0.0018	0.0000	0.00%
7:56	18:51	2.981	3.047	655	0.0020	0.0000	0.00%
7:56	18:52	3.002	2.862	656	0.0013	0.0000	0.00%
18:55	7:25	3.009	2.972	750	0.0037	0.0000	0.00%
18:55	7:25	2.991	2.929	750	0.0029	0.0000	0.00%
18:54	7:25	3.003	3.052	751	0.0020	0.0000	0.00%
18:54	7:25	3.004	3.071	751	0.0018	0.0000	0.00%
18:54	7:23	3.009	3.038	749	0.0011	0.0000	0.00%

Measured Air Concentration (Total) ($\mu g/m^3$)
0.0681
0.0435
0.0365
0.0166
0.0176
0.0369
0.0279
0.0197
0.0155
0.0081
0.0101
0.0117
0.0114
0.0070
0.0071
0.0028
0.0029
0.0032
0.0047
0.0027
0.0018
0.0020
0.0013
0.0037
0.0029
0.0020
0.0018
0.0011

	1.5 m	2.602	NA	0.000
48 - 60	0.15 m	229.365	NA	0.000
	0.33 m	142.747	NA	0.000
	0.55 m	58.606	NA	0.000
	0.9 m	66.922	NA	0.000
	1.5 m	10.244	NA	0.000
	1.5 m	17.851	NA	0.000
60 - 72	0.15 m	8.764	NA	0.000
	0.33 m	5.375	NA	0.000
	0.55 m	2.043	NA	0.000
	0.9 m	1.642	NA	0.000
	1.5 m	1.041	NA	0.000
	1.5 m	1.860	NA	0.000
72 - 84	0.15 m	1.488	NA	0.000
	0.33 m	0.631	NA	0.000
	0.55 m	1.109	NA	0.000
	0.9 m	0.904	NA	0.000
	1.5 m	0.571	NA	0.000
	1.5 m	0.594	NA	0.000
84 - 96	0.15 m	3.613	NA	0.000
	0.33 m	1.653	NA	0.000
	0.55 m	1.312	NA	0.000
	0.9 m	0.740	NA	0.000
	1.5 m	0.518	NA	0.000
	1.5 m	0.632	NA	0.000
96 - 108	0.15 m	6.925	NA	0.000
	0.33 m	4.325	NA	0.000
	0.55 m	2.660	NA	0.000
	0.9 m	1.669	NA	0.000
	1.5 m	1.270	NA	0.000
	1.5 m	1.388	NA	0.000
108 - 120	0.15 m	14.209	NA	0.000
	0.33 m	4.117	NA	0.000
	0.55 m	4.291	NA	0.000
	0.9 m	3.515	NA	0.000
	1.5 m	2.627	NA	0.000
	1.5 m	3.762	NA	0.000
120 - 132	0.15 m	22.939	NA	0.000
	0.33 m	16.985	NA	0.000
	0.55 m	20.885	NA	0.000
	0.9 m	40.107	NA	0.000
	1.5 m	58.245	NA	0.000
	1.5 m	72.868	NA	0.000

18:54	7:24	3.004	2.978	750	0.0012	0.0000	0.00%
7:27	17:52	3.004	3.120	625	0.1199	0.0000	0.00%
7:27	17:52	3.000	3.068	625	0.0753	0.0000	0.00%
7:27	17:52	3.000	2.952	625	0.0315	0.0000	0.00%
7:27	17:51	3.001	2.938	624	0.0361	0.0000	0.00%
7:25	17:51	3.000	3.012	626	0.0054	0.0000	0.00%
7:26	17:51	3.005	3.110	625	0.0093	0.0000	0.00%
17:54	7:22	3.002	2.855	808	0.0037	0.0000	0.00%
17:54	7:22	3.000	2.856	808	0.0023	0.0000	0.00%
17:54	7:21	3.011	2.912	807	0.0009	0.0000	0.00%
17:54	7:21	2.999	2.906	807	0.0007	0.0000	0.00%
17:53	7:21	3.000	2.906	808	0.0004	0.0000	0.00%
17:53	7:21	3.005	2.845	808	0.0008	0.0000	0.00%
7:24	17:49	3.001	3.153	625	0.0008	0.0000	0.00%
7:24	17:49	2.998	3.135	625	0.0003	0.0000	0.00%
7:23	17:49	3.001	3.077	626	0.0006	0.0000	0.00%
7:23	17:49	2.994	3.051	626	0.0005	0.0000	0.00%
7:23	17:48	3.003	3.065	625	0.0003	0.0000	0.00%
7:23	17:48	3.014	3.195	625	0.0003	0.0000	0.00%
18:01	7:19	3.002	2.857	798	0.0015	0.0000	0.00%
18:01	7:19	3.000	2.947	798	0.0007	0.0000	0.00%
18:01	7:19	3.002	3.000	798	0.0005	0.0000	0.00%
18:01	7:19	3.001	3.080	798	0.0003	0.0000	0.00%
18:01	7:19	3.007	3.056	798	0.0002	0.0000	0.00%
18:01	7:19	3.000	2.859	798	0.0003	0.0000	0.00%
7:20	17:44	3.009	3.183	624	0.0036	0.0000	0.00%
7:20	17:44	2.995	3.029	624	0.0023	0.0000	0.00%
7:20	17:44	3.005	2.996	624	0.0014	0.0000	0.00%
7:20	17:43	3.003	2.942	623	0.0009	0.0000	0.00%
7:20	17:43	2.995	2.955	623	0.0007	0.0000	0.00%
7:20	17:43	2.999	3.181	623	0.0007	0.0000	0.00%
17:48	7:18	3.007	2.830	810	0.0060	0.0000	0.00%
17:48	7:18	3.003	2.906	810	0.0017	0.0000	0.00%
17:48	7:18	2.997	2.970	810	0.0018	0.0000	0.00%
17:48	7:18	3.000	2.976	810	0.0015	0.0000	0.00%
17:47	7:18	3.003	2.955	811	0.0011	0.0000	0.00%
17:47	7:18	3.003	2.832	811	0.0016	0.0000	0.00%
7:23	17:41	3.001	3.246	618	0.0119	0.0000	0.00%
7:23	17:41	2.994	3.133	618	0.0090	0.0000	0.00%
7:23	17:41	3.003	3.064	618	0.0111	0.0000	0.00%
7:22	17:41	3.005	3.035	619	0.0215	0.0000	0.00%
7:22	17:40	2.998	3.067	618	0.0311	0.0000	0.00%
7:22	17:40	3.005	3.221	618	0.0379	0.0000	0.00%

Raw Air Conc.
0.0012
0.1199
0.0753
0.0315
0.0361
0.0054
0.0093
0.0037
0.0023
0.0009
0.0007
0.0004
0.0008
0.0008
0.0003
0.0006
0.0005
0.0003
0.0003
0.0015
0.0007
0.0005
0.0003
0.0002
0.0003
0.0036
0.0023
0.0014
0.0009
0.0007
0.0007
0.0060
0.0017
0.0018
0.0015
0.0011
0.0016
0.0119
0.0090
0.0111
0.0215
0.0311
0.0379

132 - 144	0.15 m	Raw Air Conc. 5.721	NA	0.000
	0.33 m	4.804	NA	0.000
	0.55 m	3.892	NA	0.000
	0.9 m	2.963	NA	0.000
	1.5 m	2.040	NA	0.000
	1.5 m	1.899	NA	0.000
144 - 156	0.15 m	1.017	NA	0.000
	0.33 m	1.072	NA	0.000
	0.55 m	1.089	NA	0.000
	0.9 m	0.796	NA	0.000
	1.5 m	1.027	NA	0.000
	1.5 m	0.514	NA	0.000
156 - 168	0.15 m	2.038	NA	0.000
	0.33 m	1.453	NA	0.000
	0.55 m	1.047	NA	0.000
	0.9 m	0.742	NA	0.000
	1.5 m	0.521	NA	0.000
	1.5 m	0.539	NA	0.000
Measured concentrations from Appendix C, pp. 376-379 of the study report.				
Sample start times, end times, and flow rates from Appendix B, pp. 199-201 of the study report.				

17:43	7:18	2.997	2.836	815	0.0024	0.0000	0.00%
17:43	7:18	3.004	2.898	815	0.0020	0.0000	0.00%
17:42	7:18	2.996	2.955	816	0.0016	0.0000	0.00%
17:42	7:18	3.003	2.978	816	0.0012	0.0000	0.00%
17:42	7:18	3.004	2.954	816	0.0008	0.0000	0.00%
17:42	7:18	2.999	2.827	816	0.0008	0.0000	0.00%
7:22	17:44	2.998	3.155	622	0.0005	0.0000	0.00%
7:22	17:44	3.007	3.078	622	0.0006	0.0000	0.00%
7:21	17:44	2.998	3.004	623	0.0006	0.0000	0.00%
7:21	17:44	3.001	3.007	623	0.0004	0.0000	0.00%
7:21	17:44	3.002	3.027	623	0.0005	0.0000	0.00%
7:21	17:44	2.997	3.132	623	0.0003	0.0000	0.00%
17:45	7:18	3.006	2.871	813	0.0009	0.0000	0.00%
17:45	7:18	2.995	2.910	813	0.0006	0.0000	0.00%
17:45	7:18	3.006	2.938	813	0.0004	0.0000	0.00%
17:45	7:17	2.996	2.961	812	0.0003	0.0000	0.00%
17:45	7:17	2.998	2.946	812	0.0002	0.0000	0.00%
17:45	7:17	2.999	2.879	812	0.0002	0.0000	0.00%

Raw Air Conc.

Raw Air Conc.
0.0024
0.0020
0.0016
0.0012
0.0008
0.0008
0.0005
0.0006
0.0006
0.0004
0.0005
0.0003
0.0009
0.0006
0.0004
0.0003
0.0002
0.0002

Chemical:	Dicamba DGA
MRID:	51017503
PC Code:	128931
Plot:	Bare ground
Guideline:	835.8100

Plot Soybean		
Sample Periods		
Day		
Hours		6
DTG		
Fortification Level (µg)		**Perc**
	0	NA
	0.003	120%
	0.01	98%
	0.06	98%

NA indicate not applicable.
Data from Appendix C, Table 8, p. 263 of the study report.

PUF Sample Results (ng/PUF; Appendix C, Table 8, p. 263 of the study report).

0	0.456
0.003	3.61
0.01	9.82
0.03	29.3

Reviewer calculated percent recoveries.

0	NA
0.003	120%
0.01	98%
0.03	98%

6	6	12	12	12
ent Recovery (%)				
NA	NA	NA	NA	NA
102%	145%	101%	107%	126%
103%	103%	111%	100%	108%
106%	97%	106%	108%	98%

0.389	0.434	1.61	0.4	0.512
3.05	4.34	3.04	3.2	3.79
10.3	10.3	11.1	9.99	10.8
31.8	29.2	31.8	32.5	29.5

NA	NA	NA	NA	NA
102%	145%	101%	107%	126%
103%	103%	111%	100%	108%
106%	97%	106%	108%	98%

Chemical: Dicamba DGA
MRID: 51017503
PC Code: 128931
Plot: Bare ground
Guideline: 835.8100

Field Dimensions	
Length (m)	275.0
Width (m)	275.0
Offset Angle from Due North (degrees)	45

Sampler Heights (m)			
Julian Date	Local Time (0000 - 2300)	Wind Speed (m/s)	Flow Vector Wind Direction (Degrees)
9/11/2019	1200	1.762666667	218.0346516
9/11/2019	1201	1.691666667	226.3005046
9/11/2019	1202	1.473166667	225.9061588
9/11/2019	1203	1.468833333	224.8601376
9/11/2019	1204	1.437	225.5588572
9/11/2019	1205	1.847333333	208.3921153
9/11/2019	1206	1.1495	209.5449589
9/11/2019	1207	1.420666667	216.4292387
9/11/2019	1208	1.351166667	191.3255166
9/11/2019	1209	2.015666667	178.1301418
9/11/2019	1210	1.813	186.0883413
9/11/2019	1211	2.028666667	179.2376344
9/11/2019	1212	1.839666667	183.1591339
9/11/2019	1213	3.498166667	167.1822228
9/11/2019	1214	3.215	163.9907952
9/11/2019	1215	3.4085	168.2545747
9/11/2019	1216	4.027333333	181.7401157
9/11/2019	1217	3.433166667	186.6772627
9/11/2019	1218	4.014166667	167.7113888
9/11/2019	1219	3.123833333	163.1870207
9/11/2019	1220	2.696333333	155.9009744
9/11/2019	1221	2.950833333	160.7867521
9/11/2019	1222	3.085333333	167.5142623
9/11/2019	1223	3.651333333	156.9906893
9/11/2019	1224	4.261333333	187.7209699
9/11/2019	1225	3.844833333	188.187592
9/11/2019	1226	3.178	190.9599655
9/11/2019	1227	2.364333333	199.0680354
9/11/2019	1228	2.391666667	198.9976831
9/11/2019	1229	3.283389831	199.459725
9/11/2019	1230	3.106333333	207.7472715
9/11/2019	1231	3.2765	193.272161
9/11/2019	1232	3.730833333	198.079977
9/11/2019	1233	3.564	193.1617885
9/11/2019	1234	3.563833333	181.2417641
9/11/2019	1235	2.920333333	187.8636463

Assume fields oriented North-South along length of field!
Assume fields oriented East-West along width of field!

0.33	0.55		
Fetch (m)	Wind Speed (m/s)	Flow Vector Wind Direction (Degrees)	Fetch (m)
138.5223399	2.263833333	213.4610797	140.3363305
137.5354278	2.115333333	224.6645382	137.5023568
137.5171981	1.898166667	225.329559	137.5022746
137.5004097	1.7975	225.5916813	137.507332
137.506541	1.825333333	222.8155611	137.5999932
143.4857595	2.403	204.4083265	146.8843442
142.6585542	1.477166667	207.4919994	144.1791039
139.0528642	1.730338983	211.7082059	141.284763
165.2244795	2.030666667	189.5160272	168.8612645
188.4070799	2.644	171.8492103	171.8284807
176.7090182	2.389	179.766637	193.667176
191.9178107	2.563333333	175.4436299	180.672734
184.5636576	2.372833333	178.9913567	191.1196539
162.4607142	3.816	169.7416294	167.3298603
157.1971876	3.432666667	167.6120824	163.2359876
164.4260134	3.8115	170.9742075	169.9037949
188.8080738	4.3355	183.5674639	183.3980326
175.2640915	3.746833333	187.9711598	172.2340042
163.4174561	4.324333333	169.5617031	166.9670586
155.9999609	3.52	166.116901	160.6093237
147.1850079	3.0005	159.7548105	151.4137051
152.7066197	3.052666667	165.8752437	160.2028756
163.0581071	3.329833333	172.032767	172.2429094
148.2887931	4.066166667	160.6800005	152.5695478
172.8048595	4.477333333	189.47244	168.9529381
171.7458412	4.0095	189.4032819	169.0987985
165.9332131	3.594166667	192.8553396	162.3937517
152.8943252	2.467	201.7288813	149.6768642
152.9857842	2.424666667	202.9876864	148.3114085
152.3913064	3.4075	200.8050533	150.741715
143.9781799	3.354745763	210.2111912	142.2109857
161.6590205	3.637166667	195.0067659	158.7605012
154.2103294	3.842166667	200.0589259	151.6418205
161.852093	4.0055	195.5899111	157.841444
190.3734569	3.954333333	183.7755155	182.8133247
172.4784509	3.289333333	188.446335	171.1690606

Length, width and estimated offset angle from Appendix B, p. 85 and Appendix B, Figure 1, p. 129 of the study report. Of
Wind speed and direction from spreadsheet MRID51017503_MO_Flux_Met_Data.xlsx accompanying the study report.
One minute solar radiation data are not reported.

0.9
Wind Speed (m/s)
INSERT 1-MINUTE RAW METEOROLOGICAL DATA BELOW ACCORDING TO SPECIFIED FORMAT:
3.0895
2.973666667
2.712
2.4015
2.501
3.139166667
2.070666667
2.364333333
2.377666667
3.299166667
3.127333333
3.255666667
3.078
4.100333333
3.730333333
4.002
4.729333333
4.109666667
4.6505
3.755333333
3.025166667
3.212666667
3.549833333
4.278166667
4.997166667
4.517833333
3.777666667
2.641
2.6545
3.7815
3.666833333
3.854333333
4.338166667
4.177333333
4.268666667
3.4365

ffset angle estimated by reviewer.

		1.5			
Flow Vector Wind Direction (Degrees)	Fetch (m)	Wind Speed (m/s)	Flow Vector Wind Direction (Degrees)	Fetch (m)	Average Fetch (m)
221.0562172	137.826371	3.672	219.7516569	138.0788856	138.6909818
232.1545493	138.5790022	3.695666667	229.6997113	137.9638621	137.8951622
230.6746554	138.1771501	3.163833333	228.5286279	137.7611716	137.7394486
230.7302284	138.1905337	2.932666667	228.8624629	137.8130251	137.7528251
228.1674125	137.710373	2.952166667	226.1568054	137.5280299	137.5862343
212.5493939	140.8115736	3.71	210.26246	142.1774558	143.3397833
213.7394212	140.1989356	2.496166667	210.6745507	141.9126423	142.237309
217.2830563	138.7566449	2.663166667	216.8371105	138.9073532	139.5004063
194.9605532	158.8344971	2.896333333	190.5860294	166.6715726	164.8979534
179.6122919	193.1517809	3.912833333	176.7262232	184.2339573	184.4053247
186.4854801	175.7299947	3.6175	184.4596292	180.9333909	181.759895
183.5342416	183.4919713	3.868833333	181.2719336	190.2775428	186.5900147
186.6839003	175.2480461	3.7205	183.0303898	184.9362053	183.9668907
169.9108557	167.6740406	4.329333333	169.9359908	167.7254072	166.2975056
167.1998609	162.4922007	3.903333333	167.9815337	163.9156534	161.7102573
170.2344032	168.3401447	4.393166667	170.9787198	169.9135084	168.1458654
183.6769919	183.0894488	4.935	184.3206203	181.3101603	184.1514289
187.8283142	172.5590675	4.3875	187.1602139	174.1103109	173.5418685
169.5564754	166.9565655	4.916833333	169.2597385	166.3653783	165.9266147
165.5228849	159.6189813	4.050333333	166.4742384	161.2194037	159.3619174
158.2851763	149.692664	3.3965	159.0493066	150.5702346	149.7154029
165.0681001	158.8804634	3.460166667	167.2211981	162.5303276	158.5800716
170.4225865	168.7324892	3.7025	170.8843338	169.710776	168.4360704
160.7345649	152.639513	4.571666667	160.6725217	152.5599739	151.5144569
190.1304508	167.5897639	5.2405	191.2837135	165.3048807	168.6631105
189.3650598	169.1796263	4.788	190.2051066	167.4378811	169.3655367
192.2804713	163.4323703	4.091166667	192.6525844	162.7566914	163.6290066
202.5443132	148.7813088	2.808666667	203.1608411	148.1311029	149.8709003
200.5806386	151.0086258	2.8075	201.5674905	149.8590011	150.5412049
200.7713236	150.7816241	3.9475	202.1508387	149.2083309	150.7807441
207.9435345	143.8260212	3.946271186	208.9063952	143.1084039	143.2808977
195.6283033	157.781882	4.090166667	197.8224347	154.5646679	158.1915179
200.3346841	151.304914	4.569666667	201.60796	149.8131762	151.74256
195.3241034	158.2570102	4.543666667	196.3728292	156.649479	158.6500066
184.5182034	180.7754182	4.535833333	184.6761212	180.3518278	183.5785069
189.5970358	168.6914081	3.612166667	190.344585	167.1556161	169.8736339

Fetch Requirement Satisfied?	Mean Solar Radiation (W/m^2)	Standard Deviation Wind Direction 10 m
Yes		0
Yes		0
Yes		0
Yes		0
Yes		0
Yes		0
Yes		0
Yes		0
Yes		0.026
Yes		5.784
Yes		6.29
Yes		0.931
Yes		1.328
Yes		0.332
Yes		
Yes		0
Yes		2.533
Yes		17.28
Yes		0
Yes		12.12
Yes		4.996
Yes		7.12
Yes		12.14
Yes		4.421
Yes		0.396
Yes		2.785
Yes		0
Yes		0
Yes		0
Yes		0
Yes		0
Yes		0
Yes		0
Yes		0
Yes		0
Yes		0

9/11/2019	1236	2.465833333	175.9066938
9/11/2019	1237	3.3525	170.9336111
9/11/2019	1238	3.893	150.5898587
9/11/2019	1239	3.729	166.5481748
9/11/2019	1240	4.015166667	168.1798541
9/11/2019	1241	3.420666667	181.5438048
9/11/2019	1242	3.278	187.0138956
9/11/2019	1243	3.763	162.8578552
9/11/2019	1244	3.891333333	163.2104942
9/11/2019	1245	3.574833333	167.5127732
9/11/2019	1246	3.6315	177.1915275
9/11/2019	1247	3.333833333	176.4927191
9/11/2019	1248	3.362	179.8029829
9/11/2019	1249	2.918333333	173.1592693
9/11/2019	1250	3.103	176.4957759
9/11/2019	1251	2.6145	198.5392978
9/11/2019	1252	2.713666667	195.3486016
9/11/2019	1253	2.502	216.1674642
9/11/2019	1254	2.9635	198.7873788
9/11/2019	1255	2.781	196.323811
9/11/2019	1256	3.326166667	185.5525217
9/11/2019	1257	3.067333333	187.3910187
9/11/2019	1258	2.599	189.2576811
9/11/2019	1259	3.111333333	179.9641862
9/11/2019	1300	3.0195	169.5967094
9/11/2019	1301	2.646833333	177.0506131
9/11/2019	1302	2.801333333	174.193682
9/11/2019	1303	3.43	184.3683447
9/11/2019	1304	3.553833333	172.8324072
9/11/2019	1305	3.908666667	161.1074536
9/11/2019	1306	3.3165	183.8826451
9/11/2019	1307	2.823	193.9257129
9/11/2019	1308	2.467333333	195.8502603
9/11/2019	1309	2.784166667	202.7435829
9/11/2019	1310	2.8815	190.3818893
9/11/2019	1311	3.4335	154.2371505
9/11/2019	1312	3.759666667	160.7694796
9/11/2019	1313	3.814833333	175.2500752
9/11/2019	1314	3.230833333	176.691456
9/11/2019	1315	2.519333333	191.5763511
9/11/2019	1316	3.952166667	188.4055902
9/11/2019	1317	3.288	193.2599185
9/11/2019	1318	3.867333333	171.0197192
9/11/2019	1319	3.963666667	155.4531404
9/11/2019	1320	3.288666667	151.8974687
9/11/2019	1321	2.982333333	171.7523884
9/11/2019	1322	3.379833333	188.1715256
9/11/2019	1323	3.081166667	182.3135948
9/11/2019	1324	3.8375	144.935043
9/11/2019	1325	3.7795	159.1968402
9/11/2019	1326	3.723833333	178.1528006

181.931979	2.597666667	178.4660104	189.4506712
169.8165012	3.611833333	171.9029653	171.9494577
142.751818	4.275833333	154.3680954	145.7482626
161.346999	4.064666667	168.535137	164.9576679
164.2856614	4.4305	170.281169	168.4373069
189.4199174	3.748	182.8054882	185.5928809
174.4569535	3.716	189.6094116	168.6655188
155.5237072	4.097166667	165.4270876	159.4620113
156.034232	4.075	166.2043272	160.7575816
163.0554059	3.852	169.6356577	167.1157899
185.5841178	3.928166667	181.3756226	189.9490338
183.568321	3.809833333	180.6963678	192.1334401
193.7891489	3.5775	182.3881143	186.8316545
174.8704628	3.118666667	174.4973921	178.1887775
183.5769842	3.360833333	178.4164033	189.2953979
153.5900665	2.921	200.5667311	151.0252742
158.2184753	2.7445	199.858771	151.8895079
139.150133	2.740666667	218.391317	138.4197528
153.261216	3.255833333	201.3323081	150.1273464
156.7227221	3.039666667	198.4416247	153.720719
178.0609862	3.5345	187.4099538	173.52443
173.5685976	3.460833333	191.3451078	165.1868564
169.4075161	2.615	192.7946888	162.5019359
194.3329313	3.307666667	181.0915631	190.8532042
167.0373927	3.345166667	172.8462574	174.1255888
185.1718557	3.072166667	178.6786495	190.12076
177.4161093	3.0215	177.6231575	186.8654767
181.1805112	3.595	185.8787328	177.2336007
174.0928959	3.783898305	175.1219797	179.8151311
153.1230981	4.057166667	163.9997517	157.2108067
182.5146362	3.6185	183.9969895	182.1976087
160.5372933	2.846	194.2381251	160.0138859
157.4397985	2.6965	200.9472046	150.5743265
148.5686481	2.928666667	203.4897595	147.7935157
167.0804516	3.071166667	191.168	165.5283044
145.6316436	3.806666667	157.853369	149.2129486
152.6843886	4.024	165.2634937	159.1956924
180.1550093	4.030333333	176.8872684	184.6976516
184.1343488	3.259666667	179.6759083	193.3637086
164.7455182	2.793333333	195.4676139	158.0319508
171.2593987	4.079666667	190.4533251	166.9369014
161.6803839	3.425	194.9534034	158.8459608
170.0018659	4.227833333	173.5795827	175.8890652
146.7514625	4.183833333	158.3604932	149.7775259
143.7042249	3.519666667	155.3147917	146.619852
171.6113899	3.185333333	176.1631717	182.6421806
171.7818998	3.676166667	190.0296948	167.7956359
187.0556195	3.505166667	183.8976098	182.4730415
139.5933435	4.228166667	149.4300399	141.9790645
150.7439535	4.061166667	161.875542	154.14961
188.4769187	4.083166667	180.238632	193.6495131

2.730333333
3.914333333
4.4185
4.237333333
4.792166667
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3.9525
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4.413166667
3.699333333
3.406833333
3.952333333
3.679333333
4.4945
4.285666667
4.447666667

179.8259796	193.866443	2.991333333	179.7239006	193.5240532	189.6932866
171.9495399	172.0545355	4.142833333	171.389421	170.8067422	171.1568091
152.3011709	144.016046	4.7225	153.714768	145.1757913	144.4229795
168.205362	164.3335159	4.652166667	167.0165475	162.166303	163.2011214
170.6069326	169.120384	5.066333333	170.2881177	168.4517628	167.5737788
183.1665363	184.5423109	4.27	182.4227923	186.727722	186.5707078
189.3365402	169.2400355	4.204166667	190.4924832	166.8584279	169.8052339
165.7937812	160.0669664	4.671666667	166.0547526	160.5043255	158.8892526
165.6945716	159.9021955	4.664333333	165.1864791	159.0710744	158.9412709
169.6609632	167.166807	4.273	169.5849959	167.0138444	166.0879618
180.863113	191.5900681	4.539	180.9652462	191.2595604	189.595695
179.0673014	191.364696	4.3695	179.2722644	192.0308623	189.7743299
182.5944092	186.2160723	4.1475	182.6292834	186.1126466	188.2373806
173.9114626	176.70853	3.519	173.1926353	174.9505484	176.1795797
177.6451507	186.9315255	3.812833333	177.8860968	187.6600077	186.8659788
200.6323134	150.9468766	3.3475	200.3244595	151.3173166	151.7198835
198.7773286	153.2744552	3.335	199.2316841	152.6828916	154.0163325
219.4987509	138.1362405	3.200333333	220.6466252	137.8978555	138.4009955
200.6818922	150.8877948	3.903	201.867775	149.5214191	150.9494441
199.2388282	152.6737032	3.451666667	199.0036952	152.9779551	154.0237748
187.103791	174.2436845	4.158333333	187.5406701	173.2206526	174.7624383
189.5587347	168.7716321	4.044	190.9221946	166.0071762	168.3835656
193.7383304	160.8551753	3.02	195.6462274	157.754114	162.6296853
180.3916936	193.138527	3.8645	180.3902645	193.1432791	192.8669854
171.7044812	171.5043575	3.7765	172.5263622	173.3761863	171.5108813
177.6109557	186.8288651	3.403333333	177.3777182	186.1333964	187.0637193
179.4182777	192.5097748	3.477666667	179.5580367	192.9715928	187.4407384
187.1326366	174.1754519	4.294166667	186.7056892	175.1954113	176.9462438
174.9200854	179.2838512	4.332881356	173.9864917	176.8956726	177.5218877
163.7971543	156.9042541	4.784333333	164.010178	157.2266685	156.1162068
185.8928095	177.1981994	4.0455	185.8863104	177.214541	179.7812463
194.0090896	160.3968047	3.328166667	193.6020137	161.0883041	160.509072
200.389203	151.2388972	3.007833333	201.6882365	149.7225801	152.2439006
203.6300523	147.6514713	3.326333333	204.5737895	146.7257586	147.6848484
191.9417586	164.0583365	3.5745	191.6816237	164.5462672	165.3033399
155.0137619	146.337241	4.287	154.8841129	146.2171021	146.8497338
165.5629754	159.6848964	4.598166667	166.6771816	161.5707612	158.2839347
176.794544	184.4302093	4.557833333	176.289468	182.9952943	183.0695412
180.22924	193.6810007	3.810666667	180.6303725	192.349802	190.882215
193.9978673	160.4156801	3.189	193.1771317	161.8251898	161.2545847
192.0077348	163.9355823	4.789333333	192.2464082	163.4948471	166.4066824
194.8377458	159.0319757	3.945666667	196.0832691	157.0848045	159.1607812
172.5310323	173.3870413	4.889833333	172.1351834	172.475783	172.9384389
157.8730228	149.2345323	4.6855	157.3318272	148.6488428	148.6030909
154.1289263	145.5359736	3.973333333	154.8630869	146.1977076	145.5144395
175.0719411	179.6829544	3.628833333	175.4201506	180.6096625	178.6365468
189.6996119	168.4773022	4.164	191.4852448	164.9187961	168.2434085
183.3349759	184.0587385	3.966666667	183.1911421	184.4714125	184.514703
147.8753292	141.0462942	4.791666667	148.3520399	141.3199453	140.9846619
160.9966788	152.9784421	4.585333333	161.3070903	153.385937	152.8144856
179.9589847	194.3153138	4.695166667	180.2916854	193.4719355	192.4784203

Yes	0
Yes	0
Yes	0
Yes	0
Yes	0
Yes	0
Yes	0
Yes	0
Yes	0
Yes	0
Yes	0
Yes	0
Yes	1.823
Yes	3.605
Yes	3.236
Yes	2.543
Yes	6.273
Yes	1.888
Yes	1.764
Yes	0.217
Yes	0.147
Yes	0.939
Yes	2.758
Yes	1.554
Yes	0.381
Yes	0
Yes	5.101
Yes	4.436
Yes	3.349
Yes	5.301
Yes	3.824
Yes	3.656
Yes	1.142
Yes	0.949
Yes	0.398
Yes	1.948
Yes	0
Yes	2.858
Yes	2.767
Yes	2.546
Yes	3.447
Yes	3.31
Yes	3.021
Yes	3.014
Yes	2.334
Yes	1.347
Yes	6.74
Yes	2.331
Yes	4.689
Yes	3.489
Yes	4.57

9/11/2019	1327	3.845833333	187.4421857
9/11/2019	1328	2.815166667	181.7915739
9/11/2019	1329	3.558	168.9869266
9/11/2019	1330	3.724333333	175.0700082
9/11/2019	1331	3.5885	165.3733164
9/11/2019	1332	3.351333333	172.1329671
9/11/2019	1333	3.508333333	169.1896046
9/11/2019	1334	4.609666667	171.6015147
9/11/2019	1335	4.638666667	177.7927672
9/11/2019	1336	3.881	185.7788589
9/11/2019	1337	3.390677966	187.4608257
9/11/2019	1338	3.1215	201.3372157
9/11/2019	1339	3.326	204.4945987
9/11/2019	1340	3.937333333	202.9331265
9/11/2019	1341	3.48	204.2815347
9/11/2019	1342	3.092833333	195.2713669
9/11/2019	1343	2.6005	181.2367196
9/11/2019	1344	2.198	195.1138314
9/11/2019	1345	2.805666667	185.4860513
9/11/2019	1346	3.826333333	185.9239247
9/11/2019	1347	3.266666667	179.3334784
9/11/2019	1348	3.827166667	173.9883522
9/11/2019	1349	3.688166667	179.5599079
9/11/2019	1350	3.745166667	183.4970842
9/11/2019	1351	3.770666667	175.9861936
9/11/2019	1352	3.733166667	172.1133573
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Yes	14.89
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9/11/2019	1804	1.872	158.2718773
9/11/2019	1805	1.964	158.8176616
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175.7217934	181.425644	1.482166667	175.8910487	181.8889531	180.8499095
167.1481105	162.3998969	1.3015	170.9886295	169.9348484	165.259646
158.5588469	150.0027197	1.149166667	162.4736947	154.9779943	150.8052749
159.2806227	150.8432304	1.117666667	162.013386	154.3382343	152.1082993
162.8946454	155.576538	1.1145	165.8812822	160.2129721	155.9098963
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170.4489773	168.7878037	1.158333333	173.0064388	174.5053272	169.3798958
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139.8392923	137.991908	1.132666667	146.2714794	140.2042491	138.9639878
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9/11/2019	1926	0.495	150.7886093
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9/11/2019	1928	0.508666667	147.5842133
9/11/2019	1929	0.4985	145.5465614
9/11/2019	1930	0.493	142.2112888
9/11/2019	1931	0.504666667	140.6046893
9/11/2019	1932	0.485666667	142.3330296
9/11/2019	1933	0.441333333	139.9302263
9/11/2019	1934	0.4325	141.8965662
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9/11/2019	2003	0.434	138.9941055
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141.172569	0.724	125.284878	139.5005827
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139.1356239	0.613166667	128.2331262	138.4645721
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143.2341929	0.669833333	153.4320958	144.9353206
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156.8986526	148.1928515	0.938813559	157.6959295	149.0409077	146.7743215
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149.0489585	141.7396231	0.962833333	153.0865813	144.6472421	141.9478103
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147.350321	140.7573935	0.81	146.3729294	140.2539633	139.5826704
148.4040656	141.3504671	0.820166667	149.3250225	141.9123724	140.3118569
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Yes	5.589
Yes	5.812
Yes	9.72
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9/11/2019	2201	0.6385	127.3718677
9/11/2019	2202	0.588666667	139.2937433
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9/11/2019	2205	0.538333333	149.2715009
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139.4315127	137.9123018	1.021833333	139.6289536	137.9499619	137.7953595
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123.328161	140.4032066	0.604166667	133.5531757	137.5438505	145.9094898
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126.369695	139.0747222	0.570166667	136.6391201	137.5562856	144.2909013
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9/12/2019	0119	0.2135	76.08648733
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145.039169	0.6375	121.6233732	141.3343535
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137.5004127	0.526666667	140.5178644	138.1401045
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137.5166507	0.622666667	137.9933654	137.6878629
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169.6503619	167.1454265	0.524666667	167.0527553	162.2304386	161.9112165
167.7292296	163.4501524	0.6145	166.0532491	160.5017893	157.5441909
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165.5863434	159.7233783	0.516833333	160.9659343	152.9384439	152.7680832
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214.6633847	139.7683605	0.352166667	211.6059734	141.3445674	140.3638278
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9/12/2019	0452	0.973166667	87.76966059
9/12/2019	0453	0.921166667	87.93179509
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9/12/2019	0455	0.824	94.09370589
9/12/2019	0456	0.949833333	92.97130808
9/12/2019	0457	0.918833333	93.27051493
9/12/2019	0458	0.964	92.84389581
9/12/2019	0459	1.090333333	92.93312561
9/12/2019	0500	1.303	94.64228375
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9/12/2019	0519	0.417166667	66.6356761
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9/12/2019	0524	0.486166667	356.8597549
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9/12/2019	0526	0.4935	16.8160564
9/12/2019	0527	0.42	36.8645131
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187.7991895	0.808166667	93.93826908	182.3601866
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285.5085183	157.9681012	0.216833333	269.8817199	194.0541777	177.5339183
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207.7740262	143.9573191	3.751833333	207.7698764	143.9605523	143.3277125
205.856475	145.5488412	4.176666667	207.3693681	144.2768456	145.9769046
209.5720118	142.6399494	3.949833333	208.6875688	143.2673154	142.3892033
194.8070144	159.0815841	3.285	195.7555947	157.5852277	159.6578014
214.2254125	139.9675917	3.545932203	214.0507566	140.0494846	140.1674564
201.4719158	149.9676322	3.038333333	202.298821	149.0466195	150.3790956
197.6054021	154.8669727	3.104666667	197.6065475	154.8653683	154.7756936
191.132705	165.596708	3.223666667	190.7966949	166.2539239	167.5990182
192.925986	162.2681485	3.791166667	192.8288012	162.4410487	163.7619861
197.1330416	155.5367701	3.8335	197.518785	154.9885736	155.2241895
186.7130177	175.1777208	3.677666667	186.3198889	176.1358587	177.4788469
202.931751	148.3700375	3.760666667	203.4469923	147.8370475	148.4358612
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200.5501807	151.0451028	3.715666667	201.2874502	150.1789264	150.9814387
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167.8979451	1.412666667	174.9665039	179.4055252
186.7663547	1.471333333	179.6203887	193.1787149
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193.340303	1.401166667	180.3525859	193.2686979
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169.9614157	1.347333333	174.713807	178.7465527

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191.3427059	165.191467	3.270333333	191.7877974	164.3463596	168.1163535
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178.9756443	191.0690768	2.337833333	177.7936597	187.3794692	188.2940808
171.5776022	171.2221114	2.120666667	171.2553144	170.513079	170.3879786
178.3121794	188.9704591	2.342	176.8106265	184.4765054	185.8059305
176.36743	183.2143971	2.146	175.4679988	180.7382739	180.9106709
174.9988409	179.4904554	2.182	175.9136715	181.9511793	178.2842627
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141.4491299	1.378166667	151.0164633	143.0529649
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163.2440232	156.0832557	1.495666667	164.2040216	157.5231031	153.6040993
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Yes	7.2
Yes	7.74
Yes	7.25
Yes	8.58
Yes	8.84
Yes	9.09
Yes	12.75

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9/12/2019	2004	0.666	149.3518278
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9/12/2019	2006	0.743333333	149.956248
9/12/2019	2007	0.789333333	138.2304563
9/12/2019	2008	0.5075	117.2322144
9/12/2019	2009	0.4325	112.0648533
9/12/2019	2010	0.437166667	122.881898
9/12/2019	2011	0.533166667	126.5266322
9/12/2019	2012	0.566166667	138.824468
9/12/2019	2013	0.891333333	140.8290503
9/12/2019	2014	0.879	140.1649418
9/12/2019	2015	0.726	135.7152169
9/12/2019	2016	0.984666667	140.3284081
9/12/2019	2017	0.940666667	137.5777569
9/12/2019	2018	1.075166667	139.8375535
9/12/2019	2019	1.055333333	141.8407047
9/12/2019	2020	0.833666667	143.132686
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9/12/2019	2022	1.1835	147.308276
9/12/2019	2023	1.273	146.6026049
9/12/2019	2024	1.204333333	146.5812989
9/12/2019	2025	1.297833333	140.9929908
9/12/2019	2026	0.8545	141.2895032
9/12/2019	2027	1.089333333	137.6103446
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9/12/2019	2029	0.818666667	140.2987823
9/12/2019	2030	0.658666667	128.3042435
9/12/2019	2031	0.922333333	136.5529473
9/12/2019	2032	0.746166667	134.3974965
9/12/2019	2033	0.736610169	126.1679405
9/12/2019	2034	0.608166667	129.8954923
9/12/2019	2035	0.757166667	130.2104786
9/12/2019	2036	0.732833333	134.6190473
9/12/2019	2037	0.614666667	123.8991694
9/12/2019	2038	0.716666667	127.247447
9/12/2019	2039	0.712166667	123.4958671
9/12/2019	2040	0.668166667	131.5035833
9/12/2019	2041	0.578666667	128.7449818
9/12/2019	2042	0.544833333	152.6404985
9/12/2019	2043	0.6305	160.1239775
9/12/2019	2044	0.559333333	164.3908646
9/12/2019	2045	0.615	161.1886652
9/12/2019	2046	0.596333333	158.3607765
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9/12/2019	2048	0.4695	156.9961585
9/12/2019	2049	0.469666667	166.0392082
9/12/2019	2050	0.481	171.8357891
9/12/2019	2051	0.406	179.7687745
9/12/2019	2052	0.421166667	177.0780134
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138.3234673	0.741666667	132.8318732	137.5985045
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147.598182	140.8921644	1.248666667	147.9672434	141.0982143	141.9226634
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118.571052	143.3529277	0.776833333	120.7909027	141.8393789	144.6377119
127.9427342	138.5496731	0.886	127.9282246	138.5540213	139.1571656
132.8996417	137.5924395	0.997166667	135.6789556	137.5096546	137.994802
139.2589958	137.8807525	1.054666667	139.878175	137.9998685	138.013143
140.1497075	138.0572585	1.3585	141.54408	138.4017609	138.4499409
139.6081878	137.945923	1.389666667	141.0013885	138.2577406	138.3216197
135.1879074	137.5007395	1.241666667	136.6078868	137.5541603	137.5961437
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137.7192177	137.654997	1.505333333	140.388039	138.1102278	138.0591724
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133.7996068	137.5301824	1.264	134.1419605	137.5154199	137.6059194
141.7971719	138.47328	1.384833333	143.8643776	139.1621721	138.8277927
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138.1712157	137.7108792	1.457457627	139.0388637	137.8423307	137.7842855
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127.5770253	138.6620661	1.046	129.8782396	138.0512064	138.4968795
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131.0914266	137.8205582	1.2375	133.6390626	137.5387977	137.729013
135.7621469	137.5121657	1.132833333	136.7471571	137.5639528	137.5508113
129.8032098	138.0675301	1.096166667	131.4808851	137.7597631	138.4609405
129.8740374	138.0521143	1.060666667	130.2519697	137.9734769	138.2379814
129.4223383	138.1541086	1.154	131.1277505	137.8146164	138.7188539
134.4189158	137.5070717	0.989333333	133.5243486	137.5456158	137.5828237
134.7266433	137.5015649	0.930833333	133.2445155	137.5645641	137.7470252
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164.457364	157.9149464	0.950833333	160.5599715	152.4163523	154.6667035
166.1069888	160.5925555	1.002	161.8503812	154.115326	158.0943776
164.6247163	158.1765596	0.981166667	159.7935452	151.4609548	154.5372784
163.4266723	156.3517948	0.866	158.597923	150.0473754	152.6156819
162.845213	155.505576	0.870166667	160.0315378	151.7534379	153.5792084
161.0144877	153.0016409	0.808166667	158.0096595	149.3852444	150.8710232
166.5258341	161.3083951	0.873166667	162.2792449	154.705874	159.4602646
170.0920026	168.0456659	0.802666667	163.3002645	156.1656768	167.3097862
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176.5473872	183.7234551	0.768666667	170.3236606	168.5257836	182.5839117
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9/12/2019	2101	0.299166667	127.8612564
9/12/2019	2102	0.269	118.8831186
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186.545673	175.5832878	0.458333333	182.593347	186.2192253	166.3599792
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151.6504432	143.5175947	0.872	155.9208919	147.2045585	143.3682951
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123.1812029	140.4781011	0.912833333	127.1935803	138.7861832	139.1179158
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9/13/2019	0206	0.747	151.3967985
9/13/2019	0207	0.758	147.0854597
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9/13/2019	0209	0.677833333	139.3258171
9/13/2019	0210	0.550333333	142.0539699
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9/13/2019	0214	0.4285	120.3660766
9/13/2019	0215	0.314166667	113.5373801
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9/13/2019	0219	0.245833333	83.35210952
9/13/2019	0220	0.288	98.91379999
9/13/2019	0221	0.311666667	85.32881473
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9/13/2019	0228	0.353833333	100.695699
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150.4388607	142.6474223	0.277666667	146.241775	140.1897826	141.3862049
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9/13/2019	0252	0.344067797	57.52214665
9/13/2019	0253	0.347833333	67.20762019
9/13/2019	0254	0.415333333	80.64489177
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9/13/2019	0258	0.567	94.39653414
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9/13/2019	0300	0.605	99.70762114
9/13/2019	0301	0.603166667	99.50020157
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9/13/2019	0304	0.305833333	92.94081884
9/13/2019	0305	0.241166667	80.21208604
9/13/2019	0306	0.2465	56.25895223
9/13/2019	0307	0.2295	43.55270222
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9/13/2019	0310	0.260166667	342.0824926
9/13/2019	0311	0.227	34.98437126
9/13/2019	0312	0.210666667	330.7840991
9/13/2019	0313	0.186333333	357.2619442
9/13/2019	0314	0.147166667	10.48295851
9/13/2019	0315	0.0615	359.8105295
9/13/2019	0316	0.086666667	179.1875724
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9/13/2019	0709	0.3775	130.2258693
9/13/2019	0710	0.345666667	124.0517868
9/13/2019	0711	0.288666667	131.3079719
9/13/2019	0712	0.262333333	131.0460521
9/13/2019	0713	0.234333333	148.7394923
9/13/2019	0714	0.299	156.7193843
9/13/2019	0715	0.419	150.5028141
9/13/2019	0716	0.628	152.6998267
9/13/2019	0717	0.641166667	149.2460295
9/13/2019	0718	0.676	151.0345054
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9/13/2019	0724	0.626666667	179.625065
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239.9974389	142.34877	2.4555	241.7252529	143.5737814	143.2192587
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259.6715164	167.1881017	2.24	260.7040144	169.3260838	170.2614763
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255.3345208	159.3110504	2.829833333	258.0291388	164.0041393	161.3856693
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307.8833334	138.5675323	2.174833333	310.6236321	137.9020796	138.7015931
308.1829398	138.4790178	1.659	310.8482908	137.8617699	138.1677239
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279.9709356	167.9161703	3.118	280.5760702	166.6914248	166.8252739
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253.5419747	156.522614	2.532666667	256.9821067	162.1054044	158.0165457
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261.7280092	171.5568911	3.973833333	264.2815823	177.6385333	172.4423139
279.1670962	169.6007063	3.202666667	281.1032948	165.6537977	167.3954182
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246.8849562	148.1786172	3.441333333	247.6468159	148.9875504	149.0689653
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191.4489881	164.9879715	2.677166667	191.5183947	164.8556569	167.9477095
191.7441974	164.428324	2.234333333	193.5402916	161.1943839	164.2090268
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Yes	4.721
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9/13/2019	1542	2.265333333	256.9208384
9/13/2019	1543	2.051333333	263.7841319
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9/13/2019	1545	1.668	285.5390325
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179.1742497	3.240666667	270.2510113	193.6080338
170.4975436	2.648166667	283.4930514	161.2757951
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161.3062954	2.9025	288.0966465	154.1875579
179.3971684	2.481166667	279.8314369	168.2037326
158.0550152	2.754166667	289.9123243	151.822976
171.0176551	2.181166667	283.034592	162.0759151

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258.7958214	165.4583119	2.801	258.9260593	165.7108613	166.6826879
266.0112766	182.2204658	2.622833333	267.5242087	186.5692351	184.3799586
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296.8966584	144.6610685	3.2855	300.1749094	142.2347925	143.4275302
308.2495175	138.4598777	3.120333333	311.247319	137.7954525	138.1701266
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262.2585957	172.7579692	2.2595	263.3831171	175.4102953	172.9150179
288.517969	153.61854	1.9575	288.0133669	154.30152	152.9350426
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313.4079133	137.5531007	3.158813559	316.1160977	194.4543648	166.0250622
305.3837412	139.4595923	3.394666667	307.4198041	138.7121787	139.2645534
303.7476629	140.1949219	3.0895	306.8394477	138.9065405	139.5441535
309.7984942	138.0685641	2.303666667	313.7059461	137.5350772	137.8951258
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274.8795121	179.8111858	2.747333333	276.2238763	176.3727214	179.6781737
255.2875898	159.2347816	2.769833333	258.1134924	164.1614448	161.3994803
265.867905	181.8253678	3.325	268.6668298	190.0833196	186.5085419
261.4358012	170.9087581	3.989333333	263.1391169	174.822157	173.3637147
252.5211172	155.0447756	3.707666667	253.7432499	156.8232217	156.3823872
272.414925	186.7512848	3.738166667	275.0732013	179.301431	183.7384808
280.2529501	167.3408402	3.894166667	282.180679	163.6157031	166.0001229
281.0205453	165.8148735	3.793166667	283.4604074	161.3321643	163.4780264
275.5503585	178.0665178	3.3175	277.1577268	174.116182	178.0887638
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294.3085893	146.9806942	3.887333333	297.3159821	144.3196442	146.1093655
293.001091	148.2973863	3.236333333	294.0405421	147.2424796	148.0439108
286.9660593	155.7774749	3.2905	288.8609695	153.1644881	154.9592895
284.9400377	158.8674019	4.129166667	286.8700968	155.9167421	157.0703138
271.2950069	190.2042895	3.525333333	272.919858	185.2580014	187.4923334
269.4780933	192.7070175	3.155	271.588545	189.2799313	188.0411078
279.2719263	169.3772139	4.461333333	280.7697209	166.3071581	167.2275713
271.7451565	188.7924441	3.908166667	273.693125	183.0441398	186.3549605
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266.8027304	184.4537706	3.5245	268.8543246	190.6799382	186.9789981
280.3487256	167.1472664	2.957333333	283.0798751	161.9960699	165.2291687
273.4320904	183.7818033	3.345666667	276.6495137	175.3312285	179.4128349
282.9211314	162.2767654	3.164666667	286.8416874	155.9581035	158.4321806
275.7580569	177.5381091	2.798833333	276.6706466	175.2800905	175.1047752
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9/13/2019	1632	2.442166667	274.7799058
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9/13/2019	1639	2.803	255.2243026
9/13/2019	1640	3.127333333	248.4472153
9/13/2019	1641	3.282333333	249.0673583
9/13/2019	1642	2.421333333	266.115942
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9/13/2019	1646	2.7805	250.7393672
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319.9207442	194.4543648	3.714166667	325.0165289	194.4543648	194.4543648
322.2980715	194.4543648	4.1695	325.9818537	194.4543648	194.4543648
319.9738884	194.4543648	3.692833333	323.3416726	194.4543648	194.4543648
323.611971	194.4543648	3.340666667	328.8388259	194.4543648	194.4543648
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9/13/2019	1957	1.791666667	326.5087016
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9/13/2019	1959	1.583	323.6405041
9/13/2019	2000	1.636833333	327.3311306
9/13/2019	2001	1.785	326.2363622
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9/13/2019	2003	1.644	326.162016
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9/13/2019	2127	0.345	356.6762494
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Yes	15.28
Yes	11.79
Yes	22.06
Yes	10.1
Yes	10.18
Yes	8.7
Yes	13.99
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Yes	11.92
Yes	14.53
Yes	10.8
Yes	11.3
Yes	6.421
Yes	14.64
Yes	9.74

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9/13/2019	2228	0.704166667	333.7851732
9/13/2019	2229	0.7155	332.1530849
9/13/2019	2230	0.748	333.4641498
9/13/2019	2231	0.793833333	332.1878503
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9/13/2019	2233	0.914	327.4466963
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9/13/2019	2235	0.923166667	326.676651
9/13/2019	2236	1.0505	328.7027843
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9/13/2019	2246	0.854833333	322.9336726
9/13/2019	2247	0.8205	325.3562363
9/13/2019	2248	0.784833333	324.3104571
9/13/2019	2249	0.730847458	325.2162574
9/13/2019	2250	0.764666667	328.3698821
9/13/2019	2251	0.664333333	331.3477008
9/13/2019	2252	0.566	337.472592
9/13/2019	2253	0.487666667	338.8742612
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9/13/2019	2255	0.419666667	338.3346833
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9/13/2019	2257	0.357666667	344.7770606
9/13/2019	2258	0.3905	354.6602089
9/13/2019	2259	0.475	359.5019737
9/13/2019	2300	0.546666667	354.3502495
9/13/2019	2301	0.5815	352.5263691
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9/13/2019	2305	0.836166667	329.4410064
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339.9272708	194.4543648	1.315666667	340.6112838	194.4543648	194.4543648
339.3732266	194.4543648	1.375333333	340.0909333	194.4543648	194.4543648
339.5751599	194.4543648	1.392	340.7301269	194.4543648	194.4543648
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348.7610141	194.4543648	0.673333333	349.1145518	194.4543648	194.4543648
345.7048892	194.4543648	0.629666667	348.4125658	194.4543648	194.4543648
347.3826205	194.4543648	0.651166667	348.4124868	194.4543648	194.4543648
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353.7860405	194.4543648	0.808333333	358.5736799	194.4543648	192.8954172
357.6724046	194.4543648	0.876166667	3.424781168	183.8025992	189.2631321
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337.4713802	194.4543648	1.406166667	344.671835	194.4543648	194.4543648
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331.7099032	194.4543648	1.639	339.5238892	194.4543648	194.4543648
336.1623084	194.4543648	1.7135	341.4799594	194.4543648	194.4543648
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9/13/2019	2319	0.597833333	346.5932079
9/13/2019	2320	0.556666667	352.397076
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9/13/2019	2322	0.587	354.2734838
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9/13/2019	2325	0.343666667	358.1880522
9/13/2019	2326	0.283833333	0.553380334
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9/13/2019	2330	0.399833333	0.343523307
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9/13/2019	2332	0.456833333	16.61332625
9/13/2019	2333	0.469166667	12.63695896
9/13/2019	2334	0.503833333	14.81118293
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9/13/2019	2336	0.514	337.1192582
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9/13/2019	2339	0.557666667	332.6448026
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9/13/2019	2350	0.690833333	100.524728
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9/13/2019	2357	0.429333333	132.7703755
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9/14/2019	0002	0.405166667	321.023437
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358.466592	194.4543648	0.810666667	1.222965302	190.4332973	187.4650704
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4.982580896	179.5393117	0.717666667	16.20513916	156.9008018	166.8130179
18.74620849	153.3154942	0.735	24.22111442	147.0656695	150.394637
23.05197674	148.2442539	0.771333333	29.59123963	142.6267484	149.2829504
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347.029589	194.4543648	1.163	353.4783885	194.4543648	194.4543648
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68.31284105	149.7237935	0.701666667	60.50176607	142.6907742	157.4455563
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91.46212402	189.6763197	0.973833333	88.90953757	190.8567336	177.0368197
90.25819845	193.5839641	0.956166667	85.60909609	181.1193347	176.4702242
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178.391827	0.491833333	14.48594779	159.6044768
174.1918583	0.4795	14.76582804	159.1481897
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173.3655238	0.253166667	287.931489	154.4140465
137.5511275	0.153833333	268.7588283	190.3753418
174.5398612	0.115166667	169.4446433	166.7327451
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143.2273696	0.340833333	149.7187509	142.1652001
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138.1920829	0.3915	133.4700558	137.5490352
137.5000152	0.448813559	130.9360597	137.8466038
137.9580364	0.502666667	125.2654119	139.5087054
139.9748135	0.467166667	118.8511605	143.148285
139.6139318	0.507333333	119.9997406	142.3506475
140.7959419	0.500166667	118.6281044	143.3109208
141.4204388	0.421666667	113.6685886	147.6126566
141.3746609	0.226666667	113.7792627	147.5016668

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310.9601429	137.8424995	0.730333333	321.8215375	194.4543648	153.3946054
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324.1892209	194.4543648	0.556166667	332.4880983	194.4543648	180.5778592
350.1654638	194.4543648	0.401	357.8549751	194.4543648	186.3166544
104.991636	158.7847083	0.3195	68.43492913	149.8617442	146.9629009
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125.4091121	139.4491439	1.089333333	127.4825501	138.6920495	138.3720553
126.7779623	138.9279995	1.208666667	128.8518147	138.2954442	138.1433696
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131.8948085	137.702179	0.643833333	134.2070603	137.5131687	146.756114
136.5342218	137.5493098	0.600666667	131.7655626	137.7193825	155.1833529
177.9431502	187.8338238	0.349166667	142.5886031	138.7148888	154.787593
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226.2104111	137.5306884	0.1845	190.5350237	166.7733476	153.1142701
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288.0948235	154.1900473	0.193666667	325.7781456	194.4543648	184.3882854
341.8035635	194.4543648	0.298833333	3.179548785	184.5048062	191.9669752
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13.91838928	160.5496616	0.700666667	13.84799786	160.6687706	164.7081179
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9/14/2019	0147	0.724666667	98.20756472

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173.7470366	0.39	268.2000239	188.6227317
171.8271672	0.318833333	269.4778524	192.7062221
180.6926246	0.314833333	269.9355203	194.2358981
171.6398886	0.342833333	272.0277532	187.922664
189.7422931	0.327666667	272.2958645	187.1090328
183.0605634	0.285	272.2977826	187.1032521
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283.2497388	161.6981573	0.194	322.9863788	194.4543648	169.9756765
273.9934425	182.2074156	0.367833333	294.8014902	146.5100762	170.6244979
275.6042432	177.9289024	0.439333333	284.0590478	160.3129061	175.491619
270.6541351	192.2718122	0.408983051	276.0087505	176.9075635	182.887286
274.9254096	179.6899442	0.409666667	278.2774672	171.5446578	178.9419978
273.5665777	183.4005363	0.437166667	275.8591235	177.2829575	183.9030041
272.6018839	186.1938892	0.510166667	276.7995862	174.9692377	180.1814199
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327.3257351	194.4543648	0.853	326.5772223	194.4543648	194.4543648
324.7759044	194.4543648	0.877666667	326.6569382	194.4543648	194.4543648
325.2561974	194.4543648	0.865	328.6108489	194.4543648	194.4543648
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332.2443687	194.4543648	0.841166667	334.8691839	194.4543648	194.4543648
335.5776903	194.4543648	0.8945	339.9116131	194.4543648	194.4543648
332.5136757	194.4543648	0.875166667	337.7885376	194.4543648	194.4543648
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322.1165781	194.4543648	1.330833333	325.7663575	194.4543648	194.4543648
325.101973	194.4543648	1.2915	329.5648459	194.4543648	194.4543648
328.2220654	194.4543648	1.380166667	331.8783396	194.4543648	194.4543648
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9/14/2019	0150	0.370666667	336.9678205
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9/14/2019	0152	0.514	322.4445928
9/14/2019	0153	0.568666667	331.6310858
9/14/2019	0154	0.510833333	337.5349235
9/14/2019	0155	0.593166667	342.8100397
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9/14/2019	0158	0.2965	14.3740132
9/14/2019	0159	0.245166667	30.4661729
9/14/2019	0200	0.194333333	47.78400693
9/14/2019	0201	0.384333333	78.2575564
9/14/2019	0202	0.483	89.88178661
9/14/2019	0203	0.526166667	98.13032886
9/14/2019	0204	0.627166667	91.88949283
9/14/2019	0205	0.688166667	86.99159367
9/14/2019	0206	0.7785	88.8960087
9/14/2019	0207	0.818333333	93.35416468
9/14/2019	0208	0.926	98.22263494
9/14/2019	0209	1.016166667	100.6071492
9/14/2019	0210	0.936833333	97.08023438
9/14/2019	0211	0.852333333	100.9396425
9/14/2019	0212	0.836	101.6958309
9/14/2019	0213	0.735666667	100.3763451
9/14/2019	0214	0.703333333	91.8271852
9/14/2019	0215	0.652711864	94.9134867
9/14/2019	0216	0.641	100.9111872
9/14/2019	0217	0.675166667	104.1336769
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9/14/2019	0228	0.554166667	64.16387177
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87.24612115	185.7446345	0.629	86.0884669	182.4343696	183.3792557
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92.41240582	186.7588318	0.9665	96.41181487	175.9101355	179.4596517
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97.72471344	172.7962658	1.275	101.5293818	164.834753	165.8662767
96.79888119	174.9709319	1.156666667	99.96418503	167.9300404	170.2443941
99.57494147	168.7376675	1.109491525	103.4479749	161.3536565	163.7535304
101.829816	164.2675353	1.112666667	105.8292442	157.472024	160.9345551
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104.1870176	160.0989511	0.908833333	106.3263743	156.7188876	157.1809654
106.7300438	156.1212307	0.9835	110.5593492	151.0341161	153.3391368
105.3955591	158.1447462	0.9925	107.8685385	154.5008871	155.173564
101.4700234	164.9478224	0.937	105.3333136	158.2425174	160.6500756
101.10529	165.6499221	1.008166667	104.4165587	159.7185967	163.4081951
100.0462642	167.7617096	0.925	103.640541	161.0222538	164.7555326
91.91106342	188.2802852	0.8425	94.77213157	180.0959312	182.3733489
81.38271731	170.7920165	0.7595	83.54789249	175.8115222	173.2470158
70.89362925	152.8446317	0.717166667	73.32968405	156.2088855	154.8738869
62.6761151	144.3132992	0.672	63.34261134	144.8600957	146.0321136
53.43728211	139.0044356	0.704666667	51.40196918	138.3628184	138.4807179
44.0148448	137.5203278	0.7585	44.3929048	137.507719	137.7078015
36.38441278	139.0693048	0.763166667	38.24334066	138.4616453	139.2820238
30.54588472	141.9944298	0.712333333	31.80148943	141.2306299	143.5399338
24.64583164	146.6571997	0.724	24.16809828	147.1173855	149.1991332
12.61046456	162.8325473	0.7395	16.02125985	157.1788668	164.7671389
347.0974661	194.4543648	0.650166667	357.7035791	194.4543648	194.4543648
350.163745	194.4543648	0.706333333	2.082677232	187.7550764	192.7795427
348.2429132	194.4543648	0.799	359.5605921	194.4543648	194.4543648
335.8140346	194.4543648	0.778833333	349.0443263	194.4543648	194.4543648

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Yes	6.22
Yes	4.938
Yes	4.998
Yes	5.863
Yes	5.679
Yes	4.801
Yes	6.111
Yes	5.433
Yes	4.418
Yes	10.87
Yes	3.618
Yes	4.696
Yes	4.444
Yes	7.65
Yes	5.874
Yes	5.313
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Yes	4.977
Yes	6.062
Yes	3.444
Yes	4.361
Yes	3.882
Yes	3.526
Yes	4.163
Yes	4.646
Yes	3.66
Yes	2.841
Yes	4.299
Yes	5.616
Yes	5.53
Yes	5.464
Yes	5.027
Yes	4.733
Yes	5.109
Yes	3.248
Yes	4.174
Yes	5.061
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Yes	3.824
Yes	3.436
Yes	3.226
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Yes	3.553
Yes	3.924
Yes	4.994
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Yes	4.778
Yes	3.854

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9/14/2019	0240	0.556833333	337.6387485
9/14/2019	0241	0.3915	359.7268408
9/14/2019	0242	0.391166667	28.47507027
9/14/2019	0243	0.424	48.67590173
9/14/2019	0244	0.521333333	57.01599756
9/14/2019	0245	0.451666667	74.63358849
9/14/2019	0246	0.483333333	81.15692741
9/14/2019	0247	0.392	96.63126076
9/14/2019	0248	0.386666667	86.72080448
9/14/2019	0249	0.374666667	81.24577591
9/14/2019	0250	0.392542373	77.21260879
9/14/2019	0251	0.386166667	59.41869395
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9/14/2019	0258	0.668833333	330.2437651
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9/14/2019	0300	0.856333333	354.1261531
9/14/2019	0301	0.413833333	21.07299605
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9/14/2019	0304	1.021833333	30.06043822
9/14/2019	0305	1.011166667	27.42899753
9/14/2019	0306	1.145666667	24.77854185
9/14/2019	0307	1.116	34.62553139
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9/14/2019	0316	1.264	50.74180357
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137.7834658	0.452833333	53.3540416	138.9746332
140.5801804	0.518166667	59.95700656	142.3218992
158.190491	0.438666667	75.82140099	160.1129841
170.2988676	0.434833333	81.79970188	171.7173446
175.375441	0.380333333	100.2299872	167.3873872
184.2184209	0.336166667	90.10984531	194.0826338
170.492266	0.335166667	83.13202241	174.8051628
162.5149748	0.384333333	79.48873414	166.8208409
141.9718332	0.398166667	63.76282413	145.2171041
140.875465	0.3285	38.81739638	138.3044187
188.6903638	0.377333333	11.0371587	165.7824818
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194.4543648	0.6385	339.1318589	194.4543648
194.4543648	0.616833333	346.4343708	194.4543648
194.4543648	0.870166667	4.94273481	179.6442509
150.4272834	0.422666667	27.63185186	144.0686028
144.3988237	0.581166667	29.9823487	142.3622333
137.8280194	0.890833333	46.33031083	137.5370707
142.3103307	1.017666667	37.51917808	138.6803786
144.2292197	0.973833333	33.02060233	140.5610977
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139.7852351	1.133666667	38.51262427	138.3861176
140.4361392	1.337833333	40.11638559	138.0009873
145.2991016	1.347333333	33.23921631	140.4484157
140.5594215	1.379833333	38.28842233	138.4487821
138.6340088	1.1845	42.2216796	137.6618146
138.078508	1.158666667	46.22988821	137.5316842
137.5089414	1.148833333	49.41304734	137.9088645
137.524815	1.2745	49.21589949	137.8730686
137.5534445	1.174833333	51.62449256	138.4241832
138.193338	1.305666667	55.03368172	139.6356572
137.8946788	1.2385	54.91880431	139.5864196
138.8828761	1.308	57.36654039	140.7661242
141.487356	1.166166667	62.34884114	144.0534286
140.9691709	1.411	62.36798153	144.0684718
144.2425422	1.320166667	66.05609328	147.3378779
143.713349	1.260166667	64.67696777	146.0271104
144.159235	1.396666667	65.91070099	147.1945525
146.7334137	1.3165	69.21934117	150.7705712
142.6124764	1.346666667	65.19595121	146.5076694
139.4469787	1.246666667	56.3619358	140.2485531
138.2657416	1.261833333	54.30848341	139.3347915
137.5400017	1.267333333	50.6481717	138.1708186
137.5147423	1.399166667	49.79764027	137.983452

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341.2448894	194.4543648	0.694666667	352.0660918	194.4543648	194.4543648
359.3913153	194.4543648	0.588833333	6.952042567	174.6042478	184.9911557
28.04377095	143.7490841	0.598166667	29.14772876	142.9359707	142.5037558
40.67792981	137.8921407	0.638333333	40.47916067	137.9291346	138.1448436
51.09186182	138.2808682	0.691333333	50.45492608	138.1255303	139.8271196
68.5594077	150.0033599	0.573728814	64.98304732	146.3086939	153.6538822
75.14294249	159.0008408	0.5505	71.42676271	153.5448238	163.6404692
92.65873743	186.0254386	0.473833333	91.82301425	188.5515519	179.3349547
82.94325345	174.3551747	0.431333333	80.72210251	169.3645185	180.505187
78.63228742	165.1434911	0.449	75.89608177	160.2377303	167.6696626
71.3508483	153.4439179	0.522833333	68.79926302	150.2789957	158.2646823
56.02738262	140.0865753	0.559166667	54.14257132	139.2692739	141.6361966
35.82880625	139.280489	0.526333333	31.72971658	141.2722433	139.933154
8.721572763	170.5635523	0.582166667	10.94788293	165.9568582	172.748314
330.1238122	194.4543648	0.700666667	339.2148706	194.4543648	194.4543648
319.6056003	194.4543648	0.726	326.8426844	194.4543648	194.4543648
325.4647225	194.4543648	0.8235	334.3295824	194.4543648	194.4543648
325.4703366	194.4543648	0.8575	332.2763235	194.4543648	194.4543648
337.0029252	194.4543648	0.892666667	341.703418	194.4543648	194.4543648
345.0056205	194.4543648	0.890666667	354.0003607	194.4543648	194.4543648
359.3047017	194.4543648	1.022333333	6.833888122	174.8868757	185.8599641
13.32885123	161.5602652	0.5925	18.16588837	154.0931813	152.5373332
18.28766784	153.9280207	0.786833333	24.85757765	146.4574012	146.7866197
38.27640798	138.4522015	1.1675	42.78226726	137.6030664	137.8550895
30.64874889	141.9289785	1.288333333	36.47260663	139.0370431	140.4891827
24.7153417	146.5913308	1.29	30.5716995	141.9779555	143.3399009
22.98806693	148.3110103	1.439833333	27.15200783	144.4520432	145.1646657
31.2668029	141.5465711	1.333666667	35.61835941	139.3640717	139.7704989
32.55636152	140.807794	1.7065	36.75306054	138.9367378	139.5454146
23.75146299	147.5294783	1.731833333	30.03000674	142.3305212	143.9018792
30.55051431	141.9914729	1.803	35.69880398	139.3318879	140.0828911
36.97095607	138.8612018	1.616	38.13991741	138.4914884	138.4121284
39.39722639	138.1600354	1.455	39.91157071	138.0440319	137.9535649
41.3385651	137.7812352	1.4875	44.35735588	137.5086495	137.6769226
43.43087284	137.5515798	1.5495	45.55935884	137.5065528	137.614004
46.03875779	137.5226004	1.493833333	46.32274638	137.5366503	137.7592196
49.96844766	138.0185989	1.638333333	50.67317797	138.1767961	138.5060976
49.35420315	137.8980073	1.554666667	51.25195946	138.3226582	138.425441
54.36941129	139.3591604	1.620666667	53.78920877	139.1338238	139.5354961
57.7963802	141.0020179	1.456166667	55.48679245	139.835691	141.5946234
58.00373936	141.1189414	1.748474576	55.86942103	140.0118841	141.5421171
63.16989225	144.7161179	1.604333333	59.76489682	142.1953311	144.6229673
61.61530163	143.4913009	1.611833333	61.06965408	143.0911589	144.0807298
62.37026895	144.0702709	1.7815	61.14675245	143.1467753	144.6427084
66.70453823	147.9921583	1.646833333	65.01767701	146.3408837	147.9592567
62.4437166	144.1281838	1.661833333	60.68015592	142.8147941	144.0157809
54.40148553	139.3720557	1.665833333	53.50427803	139.0286444	139.524058
50.4142898	138.1162106	1.654	49.73083504	137.9700439	138.4216969
46.8330995	137.570402	1.626833333	47.66102678	137.6484282	137.7324126
44.7621488	137.5011848	1.719333333	45.94422506	137.5186736	137.6295132

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Yes	3.372
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Yes	1.831
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9/14/2019	0335	1.038	45.6007141
9/14/2019	0336	1.113833333	42.96225227
9/14/2019	0337	1.0895	44.57086485
9/14/2019	0338	1.080166667	45.73291086
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9/14/2019	0341	1.1075	47.45929057
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9/14/2019	0344	1.091833333	34.28482461
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9/14/2019	0350	1.136666667	35.92889731
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9/14/2019	0400	0.899333333	12.85992823
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9/14/2019	0411	0.888	36.51590074
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9/14/2019	0537	1.137166667	340.5760069
9/14/2019	0538	1.134666667	330.1098934
9/14/2019	0539	1.155166667	329.9613434
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9/14/2019	0541	1.291666667	335.961475
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341.0655276	194.4543648	1.410166667	348.4049593	194.4543648	194.4543648
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328.6643416	194.4543648	1.753833333	335.9932115	194.4543648	194.4543648
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53.74361987	139.1167531	1.2725	50.99752944	138.256762	138.3369985
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61.28473888	143.2470702	1.5355	58.30834396	141.2944105	142.0450859
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137.5058244	2.779333333	50.49417791	138.1345997
138.1773813	2.894	45.53449765	137.5059832
137.7990448	2.3	44.80468506	137.5007989
144.8380516	2.3105	31.57202533	141.3645373
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55.55221563	139.8653437	2.744	59.13104634	141.7906024	142.1710082
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67.24828275	148.5600182	2.331333333	68.65826508	150.1165231	151.3405172
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46.82162835	137.5695232	3.074666667	51.01546911	138.2613169	137.9337835
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73.92467522	157.0968388	1.176666667	74.94666976	158.6861163	158.1024587
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70.79224692	152.7136962	2.122166667	73.23193204	156.0655671	153.7672301
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63.94358752	145.3736297	2.3395	65.82756874	147.1131526	146.5655056
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52.46278867	138.6746542	1.688833333	54.10335438	139.253967	139.2056416
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43.04219184	137.5803117	1.876833333	47.16594441	137.5983062	137.6175216
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9/14/2019	1813	1.2295	44.98068454
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9/14/2019	1815	1.191333333	36.9227946
9/14/2019	1816	1.0365	39.97205183
9/14/2019	1817	1.0995	42.81157585
9/14/2019	1818	1.188166667	40.03565134
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9/14/2019	1823	0.867333333	39.33952465
9/14/2019	1824	0.858833333	27.8451862
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9/14/2019	1829	0.9555	21.38831499
9/14/2019	1830	0.888333333	27.24275172
9/14/2019	1831	0.94	31.40323509
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14.8939096	158.9415108	1.160666667	20.64969338	150.9261472	155.6732344
13.91656453	160.5527439	1.176166667	16.80186776	156.0161785	158.6158711
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24.64845006	146.6547135	1.1375	24.06565471	147.2177772	145.1835448
30.248066	142.1868564	1.101333333	27.86508083	143.8866036	142.0076168
34.11174701	140.0207286	1.086333333	27.39927698	144.2529339	140.8474867
32.97661167	140.5840415	1.122833333	31.76158001	141.2537387	140.0760928
33.36827568	140.3829372	1.109666667	29.50378942	142.6869376	140.4879301
28.67429552	143.2770331	1.096779661	28.05121879	143.7433883	142.2235789
26.12904507	145.3105217	1.034666667	29.49904675	142.6902128	143.3840775
28.10047937	143.7057884	1.095	31.66818586	141.3081145	142.7284532
28.4232931	143.4624966	1.167166667	28.15269053	143.6660738	142.6775548
26.24152704	145.2133583	1.212	26.95864088	144.6100109	144.067543
27.51376066	144.1618422	1.251666667	30.8725657	141.7883523	143.0849341
28.39400555	143.4843476	1.243166667	31.94539595	141.1479346	142.7827909
26.69841623	144.8257502	1.216666667	33.26551055	140.4350125	143.697598
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26.44655692	145.0380213	1.289833333	33.15171032	140.4932524	144.466806
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29.24412244	142.8679212	1.323833333	32.06292973	141.081126	142.2894347
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23.59749543	147.6843314	1.3495	29.96412184	142.3743914	147.9118606
25.3070978	146.0416401	1.322333333	29.80033112	142.4843875	145.6577294
26.01134094	145.4129359	1.337166667	30.79925501	141.8341451	145.1940554
24.58691434	146.7132463	1.360333333	30.79204119	141.8386653	145.8650299
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9/14/2019	1940	0.737666667	28.32156748
9/14/2019	1941	0.731333333	28.23144368
9/14/2019	1942	0.630333333	31.17674951
9/14/2019	1943	0.6215	43.53345894
9/14/2019	1944	0.546833333	49.21162435
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9/14/2019	1946	0.568	66.6598965
9/14/2019	1947	0.584	65.18452792
9/14/2019	1948	0.585166667	69.60775428
9/14/2019	1949	0.627833333	63.17217759
9/14/2019	1950	0.636833333	62.33437298
9/14/2019	1951	0.639666667	56.23113788
9/14/2019	1952	0.604166667	50.92236823
9/14/2019	1953	0.534833333	53.44706078
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9/14/2019	1955	0.5435	58.51167368
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9/14/2019	1957	0.541166667	53.93565967
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9/14/2019	2000	0.487	46.12833722
9/14/2019	2001	0.473833333	40.03259136
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9/14/2019	2003	0.340666667	6.906618329
9/14/2019	2004	0.360333333	348.1791725
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9/14/2019	2011	0.469833333	31.84066395
9/14/2019	2012	0.4745	40.51550194
9/14/2019	2013	0.464333333	43.48841152
9/14/2019	2014	0.472333333	37.92624263
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9/14/2019	2016	0.345333333	29.59302078
9/14/2019	2017	0.331166667	35.49606755
9/14/2019	2018	0.329	43.11919423
9/14/2019	2019	0.283	59.37674395
9/14/2019	2020	0.294833333	77.5185808
9/14/2019	2021	0.281	83.76458574
9/14/2019	2022	0.304666667	96.540717
9/14/2019	2023	0.3505	101.0899124
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9/14/2019	2025	0.391333333	84.61525454
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194.4543648	0.6395	13.05619344	162.037804
170.3076611	0.651	20.39054747	151.2372716
161.0303789	0.705762712	22.9379917	148.363487
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141.2080206	0.643333333	35.91503333	139.2468136
137.9222455	0.628833333	45.54227962	137.5061587
137.5478653	0.6145	48.24354301	137.7206211
138.554616	0.617333333	42.12100204	137.673767
141.3601788	0.545	36.34004529	139.0856649
142.6255265	0.467333333	35.14229481	139.5604746
139.4135526	0.446833333	37.60379807	138.6536402
137.5741157	0.424333333	44.02520461	137.5199025
141.9451511	0.361	55.10330457	139.6657885
163.0659419	0.357333333	69.86275046	151.5456194
176.3441975	0.3545	74.62591875	158.1784474
175.5953504	0.308833333	89.10350129	191.4818379
165.6798025	0.364	97.47714491	173.3680359
183.7281908	0.399833333	90.88774473	191.5101985
178.4918012	0.457833333	81.67875721	171.4469906
181.6719624	0.493833333	82.38988878	173.0600734
169.2722659	0.514333333	79.96676066	167.788376
173.318999	0.621833333	80.95047765	169.8527478
180.2952734	0.589833333	83.38218415	175.408033

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33.10678941	140.5164077	1.506666667	34.13290092	140.0107947	140.3754037
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42.93043604	137.5897473	1.306666667	43.65881716	137.5376793	137.7483064
49.73493121	137.9708605	1.229	49.46442689	137.9184647	139.7328867
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56.46823665	140.3011004	1.225666667	58.19725392	141.2299035	143.9034617
62.07421878	143.8397023	1.2555	62.34086698	144.047167	148.359399
57.59291895	140.8892726	1.362333333	59.6686133	142.1325817	143.8796127
56.63548254	140.384833	1.379	59.83865945	142.2437125	143.3761457
53.15359992	138.9041245	1.389666667	56.84955954	140.4939057	140.584836
50.72680976	138.1897066	1.344915254	55.048014	139.641842	138.8145049
51.3636905	138.3524782	1.299166667	54.8710401	139.5661228	139.2284648
53.13193819	138.8966107	1.287	56.22503898	140.1816499	140.1798784
54.39062128	139.3676826	1.283833333	56.17796696	140.1588448	141.0760327
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51.237736	138.3189007	1.372833333	54.18088027	139.2842927	139.2862635
51.39705923	138.3614886	1.410666667	53.24976529	138.9377312	138.7805239
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48.69377276	137.7862335	1.352833333	51.33484568	138.3447282	137.9769862
45.12265021	137.500315	1.392333333	49.07939166	137.8492501	137.7191099
39.68995941	138.0926251	1.367833333	47.02085143	137.58557	139.0728126
28.35569883	143.5129945	1.115666667	43.26162851	137.563311	151.1161845
14.03001235	160.361642	0.884166667	35.37947348	139.4613527	167.4415263
17.2704894	155.3401852	0.963666667	34.47431523	139.8532952	164.4345785
16.13109238	157.0124635	1.03	34.00000494	140.0735432	165.195053
17.14416327	155.5208115	1.1045	35.72719777	139.3205974	162.8333944
24.07825301	147.2053984	1.181833333	36.93216432	138.8744965	151.9062069
24.56703948	146.7321974	1.256	38.29631912	138.4465379	148.6431503
27.76475739	143.9645418	1.311666667	39.89938129	138.0466502	144.3976614
34.83169369	139.6941177	1.311	45.23359112	137.5011427	139.4125237
40.4510015	137.9345113	1.302166667	46.4420373	137.5435607	137.7266191
37.98038905	138.5384314	1.2505	45.54515114	137.5062241	137.8282855
33.00508478	140.5691807	1.234833333	44.60831593	137.503213	138.5751942
30.76348806	141.8565816	1.161333333	44.03267789	137.5195984	139.9555059
28.89212503	143.1186925	1.029333333	40.69702626	137.888675	140.7983421
27.27599476	144.3518001	0.901	36.4726233	139.037037	140.3640075
26.79627557	144.7441941	0.854333333	40.60863672	137.9048465	139.4357647
37.21868306	138.7778607	0.768	49.73756593	137.9713862	139.5900466
49.85542923	137.9952039	0.709	57.73592697	140.9683141	148.3937698
55.44164546	139.815342	0.6855	62.58131801	144.2374452	154.643858
72.53695524	155.0671154	0.665166667	72.11036771	154.4717564	169.154015
83.92839805	176.7507104	0.7155	74.35232014	157.751865	168.3876035
73.8371298	156.9644914	0.952166667	66.86293082	148.1557505	170.0896578
67.82644164	149.183416	1.066333333	69.34554408	150.9204702	162.5106695
72.24428082	154.6572341	1.067	72.99167296	155.7163505	166.2764051
72.38333289	154.8511978	1.103898305	71.61325373	153.794421	161.4265652
74.26858897	157.6224919	1.142333333	72.44929828	154.9437026	163.9344853
76.33392365	160.9785465	1.0595	77.38768822	162.8292172	169.8777675

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9/14/2019	2033	0.366949153	97.27690856
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9/14/2019	2036	0.474333333	92.30157166
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9/14/2019	2043	0.3585	93.68440659
9/14/2019	2044	0.455333333	99.42995815
9/14/2019	2045	0.349666667	104.4563925
9/14/2019	2046	0.383	104.1014092
9/14/2019	2047	0.4465	109.7988598
9/14/2019	2048	0.3685	93.81113896
9/14/2019	2049	0.355666667	92.73292976
9/14/2019	2050	0.381	109.8212656
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9/14/2019	2052	0.335666667	120.0651705
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179.1800691	0.546333333	277.6651812	172.9331187
164.1675109	0.673666667	284.7458303	159.1805794
189.7139959	0.534666667	275.5828351	177.983532
161.769578	0.3915	263.7434365	176.2919551
148.1181292	0.3265	257.7894634	163.5607553
149.5883963	0.3475	256.7761488	161.7433973
153.8642658	0.373728814	258.5159438	164.9210619
169.4884424	0.358833333	267.0953153	185.3023175
162.0811173	0.422	283.3938099	161.4474485

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82.0058145	172.181821	1.029	79.23558713	166.317642	177.3479509
87.81141743	187.4332593	0.951333333	82.94431704	174.3576983	172.2853931
88.8258664	190.5890102	0.816166667	81.93272173	172.0165638	170.3048525
83.38563718	175.4164071	0.8475	82.82485501	174.0750788	174.2741031
83.65881115	176.0834651	0.946166667	82.79174287	173.997039	182.2766968
79.90067157	167.6532462	0.999166667	80.27556828	168.4256588	174.5285299
89.05385646	191.3212445	0.980333333	88.35747047	189.111449	185.1063831
91.75647533	188.7573638	1.048833333	90.99728998	191.1562252	181.56289
90.93127852	191.3692873	1.141833333	93.56636374	183.4011408	185.0436548
90.01616232	194.3995352	1.041333333	94.20218427	181.6332545	185.3508777
93.29000477	184.187442	1.0705	92.82600906	185.5326514	180.016823
93.78716086	182.7807779	1.103666667	95.99740724	176.9359242	176.8291897
93.64295764	183.1851539	1.031166667	101.6669154	164.5740435	175.30261
102.2482977	163.4913787	0.925833333	102.1541351	163.664621	168.4338767
104.5815417	159.4479088	0.856	106.7248367	156.1288619	160.2691669
102.5412781	162.9574938	0.782166667	104.4735419	159.6248508	159.5021776
105.9262769	157.3235233	0.9015	106.2409599	156.8469355	157.7616601
112.5501447	148.7750513	1.0165	110.4600036	151.1534551	150.1890916
109.5266812	152.3063617	0.8795	108.7953365	153.2507383	162.0497501
111.0065296	150.5048527	1.047166667	111.2392965	150.234438	161.3367382
120.0717039	142.3028678	1.095833333	114.6138422	146.6876059	146.6065132
122.2203857	140.9926533	1.052166667	113.9767017	147.3054419	144.0062076
125.694346	139.3336638	0.992666667	114.3300808	146.9598842	142.4175348
126.6403108	138.9766455	0.916166667	115.4971781	145.8692405	141.212267
130.6109148	137.9044255	0.876666667	123.0143414	140.5643576	139.4588836
134.3455856	137.5089693	1.014166667	125.6879279	139.3362222	138.1693779
139.5933199	137.9430424	0.9255	128.5321725	138.3807569	137.8724777
153.1400002	144.6913624	0.689333333	132.0028325	137.688341	144.3565411
284.9631825	158.8302825	0.233333333	166.235445	160.8105078	149.1864043
271.5746977	189.3232232	0.135333333	174.1644118	177.3422595	162.0533799
169.9132149	167.678859	0.183666667	162.9421326	155.6448779	163.8275294
305.2788433	139.503099	0.156949153	297.6138865	144.0827402	142.4245087
299.8052999	142.481031	0.301666667	295.8021434	145.5968333	146.7780692
283.7407159	160.8511097	0.321	274.2894426	181.3950266	168.167195
269.7105545	193.4794229	0.318833333	266.2231693	182.8096481	187.9400484
264.7280702	178.7835265	0.3935	265.3228846	180.3491716	183.4050585
266.4872992	183.5529641	0.4575	264.6305032	178.531136	185.3128592
255.714796	159.9357184	0.607166667	261.7790604	171.6710891	174.2001123
264.6885495	178.6811441	0.7075	266.1321832	182.5558829	184.0416012
267.1965194	185.5987766	0.693833333	270.0511663	194.2809454	187.0904119
262.077116	172.3436051	0.674333333	266.7140896	184.1991742	186.1283852
264.1105666	177.2066876	0.670833333	265.8163997	181.6841266	184.2649046
276.1993234	176.4334751	0.845833333	274.8643091	179.8514071	177.0995175
283.9855804	160.4363581	0.939666667	282.9420498	162.2396499	161.5060246
277.4206054	173.4996026	0.670666667	279.5713161	168.7452627	177.4855983
263.1759168	174.9104039	0.513666667	271.9220556	188.2465058	175.3046107
252.1853088	154.5753954	0.462833333	262.4119778	173.1110932	159.8413433
247.6402529	148.9804314	0.46	257.8662751	163.7022789	156.003626
247.5178094	148.8480991	0.439166667	257.0937669	162.3032229	157.4841624
262.4355797	173.1656691	0.446666667	267.3173109	185.9546183	178.4777619
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9/14/2019	2121	0.303166667	301.095963
9/14/2019	2122	0.378	302.857693
9/14/2019	2123	0.5345	303.2317727
9/14/2019	2124	0.568833333	303.1757347
9/14/2019	2125	0.531333333	304.8697452
9/14/2019	2126	0.535	319.3545618
9/14/2019	2127	0.502333333	305.4766186
9/14/2019	2128	0.540333333	303.8364616
9/14/2019	2129	0.571166667	306.8592472
9/14/2019	2130	0.487833333	305.2352411
9/14/2019	2131	0.417	303.7903904
9/14/2019	2132	0.347333333	305.9684337
9/14/2019	2133	0.270166667	324.449281
9/14/2019	2134	0.281	331.6903925
9/14/2019	2135	0.286166667	332.3727527
9/14/2019	2136	0.256	346.3237667
9/14/2019	2137	0.319166667	359.9836361
9/14/2019	2138	0.4385	349.6189997
9/14/2019	2139	0.543166667	340.1800497
9/14/2019	2140	0.513	341.8778524
9/14/2019	2141	0.513833333	338.6195459
9/14/2019	2142	0.524915254	333.7211537
9/14/2019	2143	0.5985	331.1401598
9/14/2019	2144	0.556166667	337.4693229
9/14/2019	2145	0.524166667	351.2402282
9/14/2019	2146	0.559833333	356.4920046
9/14/2019	2147	0.583333333	346.9273485
9/14/2019	2148	0.576166667	358.8082317
9/14/2019	2149	0.625666667	351.8683139
9/14/2019	2150	0.633333333	341.0190635
9/14/2019	2151	0.613333333	331.2947748
9/14/2019	2152	0.624	324.5067423
9/14/2019	2153	0.484166667	336.6134646
9/14/2019	2154	0.407166667	351.4382731
9/14/2019	2155	0.468666667	342.8261956
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9/14/2019	2200	0.498833333	325.0480717
9/14/2019	2201	0.443	333.5473163
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9/14/2019	2209	0.4575	326.9407787
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140.6465173	0.422	302.9388406	140.6038135
140.4522158	0.570833333	303.8229834	140.1583854
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139.6775108	0.6735	309.2222554	138.2020822
194.4543648	0.5475	323.4290912	194.4543648
139.4214837	0.612833333	309.2613893	138.1925639
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139.5213287	0.608166667	310.1269158	137.9988226
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194.4543648	0.297833333	321.1599074	194.4543648
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194.4543648	0.615166667	1.738192951	188.8140365
194.4543648	0.6345	353.2925355	194.4543648
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194.4543648	0.431	356.3820268	194.4543648
194.4543648	0.488333333	351.9952021	194.4543648
194.4543648	0.527833333	337.8259775	194.4543648
194.4543648	0.459666667	322.9729784	194.4543648
138.5311249	0.484166667	316.5604222	194.4543648
138.1475825	0.6	317.3934523	194.4543648
194.4543648	0.505166667	331.1412755	194.4543648
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194.4543648	0.453833333	341.5224928	194.4543648
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194.4543648	0.490666667	346.3266727	194.4543648
194.4543648	0.4705	343.6563553	194.4543648
194.4543648	0.444666667	345.3702978	194.4543648
194.4543648	0.480833333	335.210655	194.4543648
194.4543648	0.505	329.8763323	194.4543648
194.4543648	0.471333333	330.7908872	194.4543648

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304.8671791	139.6786287	0.587166667	294.4036194	146.8888786	141.9544595
308.1772159	138.4806723	0.699	298.821081	143.1700686	140.5653355
310.8642496	137.858988	0.793333333	302.8023793	140.6758028	139.6707605
314.4508684	137.5063153	0.842166667	307.6200444	138.6485424	138.5086127
321.4907576	194.4543648	0.8565	310.0610943	138.0124311	180.3438814
313.8647796	137.5269935	0.9465	308.7177494	138.3306894	138.3679326
314.3896443	137.5078021	1.059333333	309.9595818	138.0337811	138.4903537
316.2844197	194.4543648	1.0695	312.7719803	137.6040254	152.1640233
316.0659056	194.4543648	0.9025	312.2824663	137.6548049	152.4073303
313.2710114	137.5626291	0.770333333	305.3227793	139.4848162	139.0509961
312.1500356	137.6702763	0.698333333	303.2939728	140.4205404	138.9734385
324.3890607	194.4543648	0.5595	305.8515436	139.2715768	180.6586678
333.1209404	194.4543648	0.422	309.8597794	138.0552003	180.3545737
331.0131046	194.4543648	0.335423729	322.3729254	194.4543648	194.4543648
340.877599	194.4543648	0.414	336.7291875	194.4543648	194.4543648
356.9658943	194.4543648	0.497166667	347.929814	194.4543648	191.3810529
349.3199373	194.4543648	0.6645	346.10594	194.4543648	194.4543648
344.0142486	194.4543648	0.731833333	341.0252103	194.4543648	194.4543648
339.3984641	194.4543648	0.831833333	342.2961581	194.4543648	194.4543648
337.8734655	194.4543648	0.866833333	342.4779539	194.4543648	194.4543648
337.530007	194.4543648	0.634666667	332.9724601	194.4543648	194.4543648
338.1839925	194.4543648	0.606833333	327.8555971	194.4543648	194.4543648
342.0485909	194.4543648	0.616	332.1790711	194.4543648	194.4543648
349.7394683	194.4543648	0.683333333	340.1886384	194.4543648	194.4543648
354.5086685	194.4543648	0.763	347.2970294	194.4543648	193.0442827
348.2926879	194.4543648	0.811	341.3414165	194.4543648	194.4543648
354.0014537	194.4543648	0.822166667	348.0354301	194.4543648	191.59911
350.0966476	194.4543648	0.9385	348.4760433	194.4543648	194.4543648
342.7459228	194.4543648	0.9665	341.9887617	194.4543648	194.4543648
333.2590122	194.4543648	0.958166667	337.4727928	194.4543648	194.4543648
330.3970254	194.4543648	0.920666667	336.099945	194.4543648	194.4543648
334.1164849	194.4543648	0.7545	340.894163	194.4543648	194.4543648
343.8420974	194.4543648	0.717833333	349.8695247	194.4543648	194.4543648
339.3063533	194.4543648	0.774833333	346.1902889	194.4543648	194.4543648
328.8322635	194.4543648	0.835666667	336.9679757	194.4543648	194.4543648
321.7123252	194.4543648	0.7375	326.2991194	194.4543648	194.4543648
315.9256096	194.4543648	0.814833333	322.6948679	194.4543648	180.4735549
318.0099723	194.4543648	0.8685	321.4759656	194.4543648	180.3776692
332.3692852	194.4543648	0.7895	330.4701341	194.4543648	194.4543648
339.1564722	194.4543648	0.681	337.56339	194.4543648	194.4543648
337.0721938	194.4543648	0.6135	334.0479761	194.4543648	194.4543648
339.4833423	194.4543648	0.616333333	338.0502733	194.4543648	194.4543648
339.1328715	194.4543648	0.689333333	338.9768547	194.4543648	194.4543648
336.6843344	194.4543648	0.667333333	336.4078327	194.4543648	194.4543648
342.5339136	194.4543648	0.649333333	338.826266	194.4543648	194.4543648
343.0305339	194.4543648	0.59	337.4942805	194.4543648	194.4543648
342.7102646	194.4543648	0.63	339.6028509	194.4543648	194.4543648
335.0414706	194.4543648	0.644666667	327.0859406	194.4543648	194.4543648
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9/14/2019	2213	0.573	318.2527383
9/14/2019	2214	0.595333333	320.0928804
9/14/2019	2215	0.684333333	321.3306889
9/14/2019	2216	0.793559322	323.0479434
9/14/2019	2217	0.936333333	322.6707084
9/14/2019	2218	1.116	324.0470595
9/14/2019	2219	1.168	322.2344024
9/14/2019	2220	1.270333333	321.2130624
9/14/2019	2221	1.285	320.2051253
9/14/2019	2222	1.247	321.1223153
9/14/2019	2223	1.238333333	321.5778367
9/14/2019	2224	1.032166667	326.1194795
9/14/2019	2225	1.055166667	337.3738554
9/14/2019	2226	1.036	336.2129738
9/14/2019	2227	1.005666667	339.1478957
9/14/2019	2228	0.949333333	344.4659932
9/14/2019	2229	0.890833333	343.9001903
9/14/2019	2230	0.783666667	355.7430502
9/14/2019	2231	0.768333333	16.10841293
9/14/2019	2232	0.7285	11.09455936
9/14/2019	2233	0.678333333	349.3745741
9/14/2019	2234	0.626	337.0506279
9/14/2019	2235	0.5255	344.6349623
9/14/2019	2236	0.366666667	23.02478609
9/14/2019	2237	0.316666667	28.03455268
9/14/2019	2238	0.2895	22.5183762
9/14/2019	2239	0.4035	10.45818942
9/14/2019	2240	0.537166667	349.3930866
9/14/2019	2241	0.8965	352.200974
9/14/2019	2242	1.302333333	343.6428151
9/14/2019	2243	1.333	337.4189367
9/14/2019	2244	1.536166667	337.4657964
9/14/2019	2245	1.375333333	338.5252512
9/14/2019	2246	1.378166667	334.7687728
9/14/2019	2247	1.383833333	335.2737209
9/14/2019	2248	1.2325	336.9966351
9/14/2019	2249	1.099666667	336.7940982
9/14/2019	2250	1.078983051	339.0106183
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9/14/2019	2256	0.804333333	346.6544472
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9/14/2019	2258	0.612166667	354.0727492
9/14/2019	2259	0.838666667	349.7648486
9/14/2019	2300	0.8745	345.637144
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194.4543648	1.244915254	355.2777162	194.4543648
194.4543648	1.236166667	355.6827418	194.4543648

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326.9984224	194.4543648	0.8965	328.2020977	194.4543648	194.4543648
329.5204936	194.4543648	0.972166667	333.9533328	194.4543648	194.4543648
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9.19312761	169.5451006	1.112833333	14.16249854	160.1398388	161.7389027
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355.0057689	194.4543648	0.888166667	4.345855481	181.2415672	191.1511654
356.8474985	194.4543648	0.704333333	9.01664409	169.9234906	188.3216463
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43.71659333	137.5345022	0.632166667	33.77158257	140.1832906	139.931962
36.86967028	138.8960536	0.764	26.13557809	145.3048595	143.6801592
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357.0990784	194.4543648	0.874333333	1.737343948	188.8166696	192.4607076
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346.8864845	194.4543648	1.870666667	352.7862395	194.4543648	194.4543648
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343.7698747	194.4543648	1.625666667	348.1411391	194.4543648	194.4543648
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344.6960767	194.4543648	1.519666667	349.512183	194.4543648	194.4543648
344.3827104	194.4543648	1.4485	349.395691	194.4543648	194.4543648
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354.1342347	194.4543648	1.629166667	357.7197139	194.4543648	194.4543648

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9/14/2019	2312	0.288333333	94.88177818
9/14/2019	2313	0.509166667	84.29871817
9/14/2019	2314	0.544666667	83.01143032
9/14/2019	2315	0.611666667	85.26354865
9/14/2019	2316	0.537833333	91.08685919
9/14/2019	2317	0.501333333	101.0503006
9/14/2019	2318	0.471833333	110.7059254
9/14/2019	2319	0.361666667	124.4251095
9/14/2019	2320	0.36	131.4629635
9/14/2019	2321	0.4395	138.9268316
9/14/2019	2322	0.424166667	140.8381644
9/14/2019	2323	0.415666667	137.5269749
9/14/2019	2324	0.518666667	132.1937315
9/14/2019	2325	0.597966102	140.3910115
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9/14/2019	2327	0.560333333	118.2084711
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9/14/2019	2330	0.718666667	122.7360343
9/14/2019	2331	0.666166667	134.7218134
9/14/2019	2332	0.569166667	132.9342956
9/14/2019	2333	0.4795	124.9007235
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9/14/2019	2335	0.238833333	86.99218599
9/14/2019	2336	0.315	348.4645638
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9/14/2019	2344	0.375	4.814272785
9/14/2019	2345	0.4425	351.7032048
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9/14/2019	2350	0.490166667	313.1059479
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179.8051932	0.2925	89.34388933	192.2653325
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180.1908859	0.559833333	86.0093333	182.2150914
190.868289	0.465833333	91.5056456	189.5395679
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137.5751639	0.5075	321.0750271	194.4543648
194.4543648	0.594666667	328.6726457	194.4543648
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31.4642198	141.4283203	0.449833333	40.58430317	137.9093568	153.6657562
70.03352853	151.7559003	0.578166667	61.55269243	143.4446126	166.8177596
71.3109891	153.3910977	0.707833333	64.53431054	145.897661	163.1828277
72.30547231	154.7424179	0.762166667	63.82197491	145.2681273	161.5809614
76.50494828	161.272344	0.826666667	67.9881815	149.3614774	168.2599497
79.70987387	167.2655943	0.711833333	67.12351104	148.4281452	174.0253991
88.36903469	189.1475008	0.5415	75.62795579	159.7920165	170.4957027
95.34371611	178.5977069	0.477	87.39479235	186.1840279	167.9029665
107.5432371	154.9541903	0.46440678	102.5173723	163.000766	149.683145
115.3121698	146.0370137	0.466166667	113.2151816	148.0748872	142.6452962
126.6436201	138.9754662	0.504166667	125.2451742	139.5171683	138.4955267
129.9932831	138.0266443	0.483833333	119.491929	142.6951303	139.2115645
124.8424389	139.6894215	0.4645	107.6546184	154.7981209	142.4162825
125.7448459	139.313598	0.535666667	113.8258721	147.4551389	140.7018171
138.9441165	137.8264263	0.6945	132.1622729	137.6688157	137.8578164
130.3408957	137.9558589	0.743666667	122.5399981	140.8166741	138.4848806
116.960416	144.6085518	0.737333333	110.4529406	151.161964	145.6781081
107.5019662	155.0122486	0.7705	101.2391225	165.3908272	154.5388463
104.1471743	160.1654188	0.8495	103.9752359	160.4537772	158.9413577
131.8714068	137.7052416	1.028	132.0379303	137.6839509	138.7621868
135.5503972	137.5063445	1.004833333	136.5481963	137.5502125	137.5390145
130.6469029	137.8978047	0.924833333	132.6064828	137.620065	137.6600802
126.3873808	139.0682135	0.784	128.0886191	138.5064629	139.0657361
115.8716934	145.5354276	0.6085	117.1872515	144.4234659	147.7383149
101.1580566	165.547563	0.3865	96.16019534	176.5304475	173.4502086
8.949568351	170.0681716	0.35	21.08854478	150.4091781	173.9976902
333.9550585	194.4543648	0.654166667	357.5049003	194.4543648	194.4543648
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357.0410787	194.4543648	0.6935	4.540099577	180.7164844	187.6473822
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6.150612229	176.5542264	0.602666667	13.90423637	160.573576	170.3565067
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315.2624855	194.4543648	0.601	331.1418155	194.4543648	180.4113067
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9/14/2019	2355	0.117833333	325.7379234
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9/15/2019	0000	0.326166667	53.09313318
9/15/2019	0001	0.401333333	72.77519455
9/15/2019	0002	0.369333333	66.88789193
9/15/2019	0003	0.367666667	56.16758587
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9/15/2019	0005	0.262	31.79807156
9/15/2019	0006	0.228166667	49.28994319
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9/15/2019	0008	0.218166667	55.22453267
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9/15/2019	0012	0.083666667	68.99105931
9/15/2019	0013	0.136833333	109.841162
9/15/2019	0014	0.129666667	112.1267916
9/15/2019	0015	0.2505	137.8681748
9/15/2019	0016	0.192666667	137.4041449
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194.4543648	0.599333333	346.683264	194.4543648
194.4543648	0.516333333	343.1836492	194.4543648
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51.60365159	138.418345	0.546	32.20191975	141.0029682	142.6963535
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23.27168348	148.016622	0.522	16.21312645	156.8887822	145.8632423
21.8710295	149.5177912	0.4655	10.41613676	167.0115682	149.5644
34.15721178	139.9994036	0.3665	16.0687913	157.1067395	143.2256896
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29.03109541	143.0189366	0.381833333	9.78552024	168.2988191	147.1343512
31.5431483	141.3815676	0.331666667	15.08123288	158.6416264	144.7278082
17.52149219	154.9847648	0.360666667	5.761324194	177.5298403	152.77732
354.8512678	194.4543648	0.362833333	351.2605691	194.4543648	178.0728491
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43.44657365	137.5505524	0.169833333	351.5113207	194.4543648	167.3492154
18.04885098	154.2529022	0.175333333	348.9215152	194.4543648	166.7336871
120.992185	141.7141947	0.101166667	339.970632	194.4543648	152.9926676
85.29703389	180.2801539	0.1175	329.0716163	194.4543648	163.0640547
46.54957513	137.550302	0.1725	354.5491553	194.4543648	164.7595208
28.7220816	143.24209	0.192333333	357.3838698	194.4543648	169.5851908
49.31283471	137.8904627	0.199	10.45020976	166.9431512	164.1033178
42.99486135	137.5842438	0.202	28.79086656	143.1919964	150.0459855
42.15192366	137.6700505	0.118	70.41677578	152.2348634	142.1300563
1.541110396	189.4283583	0.093833333	32.52219648	140.8263489	178.9424519
335.9616219	194.4543648	0.162333333	355.4470728	194.4543648	194.4543648
326.8812422	194.4543648	0.2765	348.5238197	194.4543648	194.4543648
332.8707018	194.4543648	0.385333333	342.980501	194.4543648	194.4543648
335.0279377	194.4543648	0.349833333	349.4630513	194.4543648	194.4543648
338.3813775	194.4543648	0.365762712	345.6134188	194.4543648	194.4543648
342.9132818	194.4543648	0.4425	346.6615457	194.4543648	194.4543648
338.0833161	194.4543648	0.530666667	347.4859448	194.4543648	194.4543648
335.2386419	194.4543648	0.534666667	345.0588383	194.4543648	194.4543648
336.3838259	194.4543648	0.515666667	342.9520351	194.4543648	194.4543648
337.8333206	194.4543648	0.536666667	346.7657641	194.4543648	194.4543648
332.2971224	194.4543648	0.633166667	340.8077672	194.4543648	194.4543648
329.9145672	194.4543648	0.683333333	338.1007393	194.4543648	194.4543648
323.8848704	194.4543648	0.779833333	331.7538151	194.4543648	194.4543648
325.6782675	194.4543648	0.907166667	333.1467	194.4543648	194.4543648
331.9695999	194.4543648	0.851	335.1410343	194.4543648	194.4543648
333.3389751	194.4543648	0.747166667	335.3801518	194.4543648	194.4543648
329.4241678	194.4543648	0.712	328.1378691	194.4543648	194.4543648
323.0469378	194.4543648	0.650833333	327.1025077	194.4543648	194.4543648
320.2670161	194.4543648	0.614	325.245696	194.4543648	194.4543648
311.3637844	137.7773678	0.681666667	320.4325676	194.4543648	180.2851156
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9/15/2019	0053	0.393833333	343.9374148
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9/15/2019	0057	0.491	351.018084
9/15/2019	0058	0.5955	347.5191345
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9/15/2019	0100	0.502333333	355.5135146
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9/15/2019	0109	0.479166667	337.6154848
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9/15/2019	0118	0.624	320.0187321
9/15/2019	0119	0.625	326.8840206
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9/15/2019	0130	0.2665	18.69946735
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9/15/2019	0132	0.179	60.62540085
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348.6651104	194.4543648	0.856779661	353.726592	194.4543648	194.4543648
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336.6027103	194.4543648	0.669833333	342.7957549	194.4543648	194.4543648
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194.4543648	0.490166667	322.7017125	194.4543648
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69.50204016	151.1077842	0.569666667	69.35135019	150.9273913	150.6010695
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61.02189068	143.0568555	0.5525	48.91286045	137.8212631	139.9942145
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67.6241608	148.9629874	0.576833333	60.66621658	142.8050455	156.6015095
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83.94900722	176.8020889	0.405833333	79.95361217	167.7614566	179.4119125
86.52109612	183.6487941	0.343666667	85.5720105	181.0189158	181.9799555
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301.0626555	141.670832	0.174166667	323.8996952	194.4543648	157.395048
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194.4543648	0.600833333	343.1602157	194.4543648
194.4543648	0.614	347.2248364	194.4543648
194.4543648	0.675	345.8955899	194.4543648
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194.4543648	0.921666667	350.0429369	194.4543648
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194.4543648	0.9715	344.581597	194.4543648
194.4543648	0.9275	347.7460487	194.4543648
194.4543648	0.889666667	350.294865	194.4543648
194.4543648	0.910333333	354.5354697	194.4543648
194.4543648	0.926166667	352.7404047	194.4543648
194.4543648	0.879	353.1424593	194.4543648
194.4543648	0.7565	350.4444944	194.4543648
194.4543648	0.811	346.7994993	194.4543648
194.4543648	0.828833333	344.2965486	194.4543648

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323.9832394	194.4543648	0.999833333	333.6833258	194.4543648	194.4543648
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327.5055237	194.4543648	0.821166667	332.4917573	194.4543648	194.4543648
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321.0217559	194.4543648	1.007666667	328.3902432	194.4543648	194.4543648
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319.2020062	194.4543648	1.164833333	327.0327123	194.4543648	194.4543648
319.6928946	194.4543648	1.163	328.5983446	194.4543648	194.4543648
320.6232803	194.4543648	1.2625	329.7957308	194.4543648	194.4543648
322.2283365	194.4543648	1.2645	330.9328157	194.4543648	194.4543648
324.8382925	194.4543648	1.391	333.9127827	194.4543648	194.4543648
330.3173069	194.4543648	1.409666667	337.9346324	194.4543648	194.4543648
331.7904656	194.4543648	1.318333333	339.6244838	194.4543648	194.4543648
330.4874194	194.4543648	1.249166667	338.6692075	194.4543648	194.4543648
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340.1515141	194.4543648	1.129666667	346.8903935	194.4543648	194.4543648
346.350265	194.4543648	1.133166667	351.9822528	194.4543648	194.4543648
350.7953925	194.4543648	1.081166667	355.859126	194.4543648	194.4543648
347.7949823	194.4543648	1.001833333	352.0700555	194.4543648	194.4543648
337.0244649	194.4543648	1.061333333	344.227543	194.4543648	194.4543648
331.0843848	194.4543648	1.037166667	339.4412952	194.4543648	194.4543648
330.3122468	194.4543648	1.009333333	338.6908969	194.4543648	194.4543648
334.6563312	194.4543648	1.1325	342.3608716	194.4543648	194.4543648
339.9569156	194.4543648	1.282	347.6073493	194.4543648	194.4543648
341.1899577	194.4543648	1.289666667	347.9462003	194.4543648	194.4543648
338.6301247	194.4543648	1.19	345.1387156	194.4543648	194.4543648
330.8483538	194.4543648	1.233	338.1362534	194.4543648	194.4543648
328.5746079	194.4543648	1.353333333	336.9510206	194.4543648	194.4543648
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335.4894135	194.4543648	1.3135	344.5483573	194.4543648	194.4543648
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343.0681574	194.4543648	1.267	352.1800498	194.4543648	194.4543648
346.8144335	194.4543648	1.261166667	354.4190478	194.4543648	194.4543648
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344.697501	194.4543648	1.1845	353.1555687	194.4543648	194.4543648
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9/15/2019	0319	0.704666667	330.6874832
9/15/2019	0320	0.698833333	326.1814158
9/15/2019	0321	0.648666667	329.2631001
9/15/2019	0322	0.6835	329.4499387
9/15/2019	0323	0.7535	330.9913252
9/15/2019	0324	0.673833333	334.9753397
9/15/2019	0325	0.581666667	343.5776861
9/15/2019	0326	0.408135593	350.5251225
9/15/2019	0327	0.3845	6.748786295
9/15/2019	0328	0.378666667	0.636474312
9/15/2019	0329	0.337333333	2.474853232
9/15/2019	0330	0.295666667	11.74902036
9/15/2019	0331	0.240166667	16.33290096
9/15/2019	0332	0.1565	23.4111466
9/15/2019	0333	0.062166667	347.7290255
9/15/2019	0334	0.033333333	323.8430494
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9/15/2019	0336	0.152666667	309.0512252
9/15/2019	0337	0.239333333	308.136047
9/15/2019	0338	0.331166667	315.001301
9/15/2019	0339	0.34	329.1228933
9/15/2019	0340	0.3805	332.2378043
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9/15/2019	0342	0.446333333	328.5145965
9/15/2019	0343	0.553333333	329.0033868
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9/15/2019	0348	0.685	330.6554266
9/15/2019	0349	0.607	328.5659781
9/15/2019	0350	0.5055	331.5691443
9/15/2019	0351	0.382166667	335.9557488
9/15/2019	0352	0.375666667	329.449408
9/15/2019	0353	0.342666667	323.3713711
9/15/2019	0354	0.434666667	319.7734697
9/15/2019	0355	0.532833333	319.0077658
9/15/2019	0356	0.603833333	321.5726509
9/15/2019	0357	0.618	324.7347475
9/15/2019	0358	0.639166667	327.7726648
9/15/2019	0359	0.6355	331.3232458
9/15/2019	0400	0.701864407	333.8213287
9/15/2019	0401	0.880166667	329.02423
9/15/2019	0402	1.045833333	326.9514659
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192.3297663	0.516333333	4.591839515	180.5774826
186.5720365	0.450166667	7.7349961	172.7726688
164.4192486	0.395833333	12.66606457	162.7324478
156.7091261	0.302166667	16.07343045	157.0997091
147.8736174	0.261166667	19.89676418	151.8422875
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327.3109492	194.4543648	1.082	336.4554925	194.4543648	194.4543648
329.9983046	194.4543648	1.0145	337.7507955	194.4543648	194.4543648
329.9728618	194.4543648	1.109	338.9224901	194.4543648	194.4543648
331.4573315	194.4543648	1.146	339.7130269	194.4543648	194.4543648
334.7755149	194.4543648	1.062166667	341.5286453	194.4543648	194.4543648
342.6133281	194.4543648	0.9545	347.6713614	194.4543648	194.4543648
347.2502472	194.4543648	0.8545	350.4667522	194.4543648	194.4543648
1.097639093	190.8337249	0.752333333	0.407079543	193.0873874	181.9144883
357.3537068	194.4543648	0.751833333	358.8944421	194.4543648	190.4539946
2.253189373	187.2377921	0.667166667	3.825794553	182.6729403	182.3138594
10.06067933	167.7322169	0.5755	12.22755464	163.5294728	164.6033465
12.73854244	162.6023766	0.526333333	16.36077419	156.6674747	158.2696716
24.97974235	146.3432852	0.309	39.92047633	138.0421231	146.0253283
8.196791712	171.7252068	0.1055	56.94904289	140.5453185	172.6674511
45.87912825	137.5161873	0.111833333	134.8042191	137.5008027	165.9814299
318.3053103	194.4543648	0.0365	303.5745822	140.2798711	180.9107414
278.3517895	171.3789633	0.038166667	267.8876431	187.6647119	172.9356233
304.6536769	139.772682	0.18	287.3882812	155.1728181	156.9731198
316.9880686	194.4543648	0.334	311.206441	137.8019361	180.2912577
328.1415921	194.4543648	0.4875	329.9015939	194.4543648	194.4543648
327.7281686	194.4543648	0.6085	329.4845749	194.4543648	194.4543648
325.1757084	194.4543648	0.6875	324.3408906	194.4543648	194.4543648
325.0905998	194.4543648	0.916666667	329.8138185	194.4543648	194.4543648
330.1838289	194.4543648	1.019166667	336.0517054	194.4543648	194.4543648
330.3281996	194.4543648	1.037333333	334.3815447	194.4543648	194.4543648
331.7007749	194.4543648	1.176666667	336.8429408	194.4543648	194.4543648
332.2983728	194.4543648	1.263666667	338.225141	194.4543648	194.4543648
330.5269139	194.4543648	1.254	337.2219084	194.4543648	194.4543648
329.8743522	194.4543648	1.177166667	335.6145127	194.4543648	194.4543648
329.0657738	194.4543648	1.115166667	336.0902652	194.4543648	194.4543648
332.5504255	194.4543648	0.982833333	337.0958898	194.4543648	194.4543648
333.0031214	194.4543648	0.900833333	336.9087304	194.4543648	194.4543648
329.7233976	194.4543648	0.784166667	335.3309653	194.4543648	194.4543648
325.6939961	194.4543648	0.717	329.7466522	194.4543648	194.4543648
323.8124801	194.4543648	0.796949153	327.5626991	194.4543648	194.4543648
322.0044765	194.4543648	0.935166667	325.5101958	194.4543648	194.4543648
321.3311567	194.4543648	1.061	324.2852644	194.4543648	194.4543648
322.2482559	194.4543648	1.076	327.2979934	194.4543648	194.4543648
326.4572964	194.4543648	1.116	331.5445336	194.4543648	194.4543648
330.0677765	194.4543648	1.177833333	335.1039904	194.4543648	194.4543648
332.6424837	194.4543648	1.2125	337.0642397	194.4543648	194.4543648
328.29947	194.4543648	1.393666667	334.039234	194.4543648	194.4543648
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325.1596476	194.4543648	1.577666667	331.8016545	194.4543648	194.4543648
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9/15/2019	0410	0.791666667	334.7825983
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9/15/2019	0412	0.5145	341.1054871
9/15/2019	0413	0.472833333	344.2761497
9/15/2019	0414	0.368666667	354.537045
9/15/2019	0415	0.370666667	344.9264929
9/15/2019	0416	0.379333333	335.1301231
9/15/2019	0417	0.331333333	334.6907862
9/15/2019	0418	0.330666667	337.8313401
9/15/2019	0419	0.315333333	341.1256711
9/15/2019	0420	0.2295	353.1111423
9/15/2019	0421	0.175333333	11.68704473
9/15/2019	0422	0.188666667	20.66101038
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9/15/2019	0426	0.292666667	125.7565054
9/15/2019	0427	0.403666667	131.9928716
9/15/2019	0428	0.415666667	133.9833895
9/15/2019	0429	0.328166667	137.2161911
9/15/2019	0430	0.381333333	133.387134
9/15/2019	0431	0.299666667	124.554012
9/15/2019	0432	0.286666667	117.6609225
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9/15/2019	0434	0.1375	100.6668222
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9/15/2019	0437	0.138166667	23.0324193
9/15/2019	0438	0.1215	346.9004039
9/15/2019	0439	0.136333333	261.9626758
9/15/2019	0440	0.2305	229.8013073
9/15/2019	0441	0.239666667	215.9044897
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9/15/2019	0453	0.164833333	226.3073207
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144.0457623	0.312833333	123.3154321	140.4096539
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139.2509136	0.323166667	213.6154022	140.2597118
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159.1183428	0.390166667	189.0093116	169.9392834
174.4731791	0.352166667	182.1287175	187.6149583
189.0521763	0.381833333	179.7083544	193.4720687
180.9589616	0.422	182.7662215	185.7083054
173.6732689	0.367	182.5726711	186.2806335
151.2438348	0.318	189.9668617	167.9245403
138.7541092	0.283	203.4068748	147.8779806
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137.5284272	0.233333333	210.1792445	142.2319445
137.5358002	0.22	209.6702016	142.5727302
138.2144287	0.246666667	206.6533734	144.8634619
156.2140647	0.260166667	197.9946771	154.3271635
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190.7115908	0.411666667	186.5801842	175.4993722
186.5938064	0.463166667	185.0698306	179.3102599
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341.4715779	194.4543648	0.640833333	344.0445331	194.4543648	194.4543648
343.0647052	194.4543648	0.5725	343.5933641	194.4543648	194.4543648
350.9853462	194.4543648	0.467333333	351.6171102	194.4543648	194.3275924
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5.753015235	177.5508709	0.400666667	4.530921309	180.7411799	166.1545236
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67.42572585	148.7491807	0.3165	59.07742191	141.7572627	158.8511746
105.8505416	157.4393673	0.318333333	99.0119369	169.9336283	151.33953
123.4817116	140.3260233	0.513	110.3190246	151.323912	141.7683992
128.5631945	138.3722838	0.489830508	120.8010566	141.8330166	139.0006048
129.3193559	138.1785859	0.6035	116.2171238	145.2343796	139.8921385
126.3063455	139.0981497	0.6835	116.8937424	144.6634756	139.855235
112.4638865	148.8678233	0.5845	102.8018983	162.489059	147.2098849
102.0835424	163.7950304	0.506666667	91.76923185	188.717852	159.2420747
88.93238737	190.9300479	0.469166667	78.37626758	164.6557104	164.1762343
76.8080165	161.799168	0.543833333	66.71901513	148.0070485	163.8808119
56.99846242	140.57103	0.546833333	59.93479427	142.3071717	140.5260468
44.02466541	137.5199245	0.59	52.23896726	138.6047866	140.2121268
43.04237756	137.5802965	0.547166667	51.04551489	138.2689766	141.2351577
31.36455139	141.4877861	0.450166667	47.16946968	137.5986266	159.4520411
357.7263817	194.4543648	0.262833333	52.14772394	138.5769311	167.1137971
238.1870062	141.2239826	0.094333333	76.18801456	160.7298693	144.673074
217.6923568	138.6259919	0.144	214.5135796	139.8355229	139.493035
207.2060154	144.408278	0.1745	198.1396206	154.1289441	146.9268
191.0310319	165.7944243	0.209666667	177.36442	186.0939924	168.3933148
186.6328828	175.3715103	0.2695	165.7342022	159.9679171	166.0992634
169.0905239	166.0321128	0.309666667	130.0498951	138.0147649	166.5337538
167.4799204	162.9958628	0.332666667	134.6370773	137.5027584	170.7557165
179.3633068	192.3290477	0.3705	164.8258249	158.4938836	179.3725496
180.2778363	193.5182432	0.430166667	179.3620484	192.3249166	186.4492656
198.1803614	154.0734975	0.4715	193.6543712	160.9985746	158.5601118
210.9239732	141.7563972	0.4585	203.0063235	148.2919156	144.1701006
216.6487429	138.9736416	0.4225	207.6257135	144.0734313	140.2779667
215.111722	139.573436	0.438333333	205.7995121	145.5991616	141.2332423
217.4183053	138.7126616	0.428833333	219.3550025	138.1700618	139.2478135
218.3241636	138.4386465	0.5	222.0742649	137.6794608	139.7989995
208.5842663	143.3431833	0.5245	213.8261478	140.1568561	148.5103169
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9/15/2019	0518	0.417	257.4911923
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9/15/2019	0521	0.319	256.4136308
9/15/2019	0522	0.271	238.4975459
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9/15/2019	0524	0.315	210.5632959
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9/15/2019	0526	0.403	183.4135767
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205.9541591	145.4629635	0.6655	205.6887415	145.6975274	154.3513039
211.50139	141.4062656	0.610166667	210.7049102	141.8934621	147.7690622
220.0557653	138.0135409	0.531833333	216.2257607	139.1282083	138.3981205
252.2511232	154.6667459	0.4555	242.7561229	144.377689	160.0984162
286.5882576	156.3297498	0.530166667	275.4731802	178.2642688	152.6909432
301.9631425	141.137805	0.781333333	294.3784882	146.9131093	155.1353021
302.4421147	140.8700566	1.015	304.3040197	139.9311897	153.3053691
307.7779141	138.5996056	1.285333333	310.2742571	137.9690297	152.1588484
307.3640977	138.7301939	1.246666667	312.1043841	137.6757809	152.2101908
312.6766787	137.6131211	1.3515	317.9874597	194.4543648	166.0065071
306.0457536	139.1963939	1.520166667	309.8204636	138.063755	152.6999053
300.0107222	142.3433397	1.315666667	303.6136495	140.2605758	140.4727911
286.9614984	155.7840785	1.046833333	289.328378	152.5588224	153.3293048
276.6723651	175.2759344	0.879166667	280.5377777	166.7678458	168.8580468
268.3471027	189.0791453	0.792	274.2200447	181.5844078	179.282372
268.6894255	190.1549146	0.713166667	273.3666099	183.9683801	184.9772708
264.833447	179.0575065	0.664333333	271.8441739	188.4862502	175.9661588
265.6560733	181.2468069	0.661166667	271.2644363	190.301364	177.234249
252.138074	154.5100256	0.5465	260.651613	169.2149317	152.5032385
244.2881947	145.6769906	0.537666667	252.0024088	154.3231637	143.8206272
229.6630575	137.956635	0.513833333	238.4045101	141.3507285	140.3909529
219.3226088	138.1778058	0.4975	227.9013525	137.6764789	145.4804995
208.9591446	143.070462	0.520666667	219.8174928	138.0644041	157.5303685
193.0532588	162.0429791	0.5495	205.0481955	146.2797104	167.1000325
193.6620294	160.9854697	0.639	201.5942806	149.8286543	168.5725876
189.5075886	168.8789973	0.6435	201.4204045	150.026419	167.8833515
187.5642837	173.1659854	0.580666667	200.1878071	151.483737	167.516238
184.026435	182.1162647	0.617666667	190.5777135	166.6881483	171.048514
191.173369	165.5179093	0.659166667	198.1129655	154.1652844	171.5829421
192.7506726	162.5806531	0.728333333	197.9558779	154.3804782	169.8009841
205.010271	146.3148996	0.618333333	213.1167545	140.5112629	150.6612144
217.5159836	138.6813942	0.541333333	225.5749407	137.506923	140.4311016
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254.4983672	157.9788399	0.423728814	258.9405313	165.7390251	168.117336
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301.8692256	141.1915825	0.488166667	300.2068162	142.2138529	168.0785413
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9/15/2019	0552	0.466333333	325.4573652
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9/15/2019	0556	0.235166667	316.2083816
9/15/2019	0557	0.2935	322.8968399
9/15/2019	0558	0.364	326.2391657
9/15/2019	0559	0.372833333	327.1922742
9/15/2019	0600	0.310166667	333.6458141
9/15/2019	0601	0.3125	337.3418073
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9/15/2019	0608	0.239833333	324.3240129
9/15/2019	0609	0.277166667	324.9386259
9/15/2019	0610	0.322833333	331.5951273
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9/15/2019	0612	0.523333333	331.4072229
9/15/2019	0613	0.553333333	336.7995107
9/15/2019	0614	0.485166667	336.7380723
9/15/2019	0615	0.424333333	337.0909764
9/15/2019	0616	0.331333333	335.1928962
9/15/2019	0617	0.272833333	338.304234
9/15/2019	0618	0.276949153	342.9544748
9/15/2019	0619	0.335666667	341.3137079
9/15/2019	0620	0.376	337.4659113
9/15/2019	0621	0.3785	341.3894218
9/15/2019	0622	0.3835	343.50315
9/15/2019	0623	0.408666667	341.83899
9/15/2019	0624	0.381166667	342.0993895
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9/15/2019	0626	0.264666667	346.9643112
9/15/2019	0627	0.300333333	355.0463164
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9/15/2019	0634	0.269166667	332.1677139
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194.4543648	0.349833333	358.5143466	194.4543648
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194.4543648	0.28	342.0201992	194.4543648
194.4543648	0.3635	339.268887	194.4543648
194.4543648	0.477166667	335.0610637	194.4543648
194.4543648	0.434166667	332.5348995	194.4543648
194.4543648	0.425333333	336.4035307	194.4543648
194.4543648	0.322833333	343.4360922	194.4543648
191.6699729	0.169166667	357.2420246	194.4543648
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139.190809	0.1605	26.33737921	145.1311036

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320.8814323	194.4543648	0.589166667	321.1604392	194.4543648	180.2812601
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315.0694941	194.4543648	0.523833333	314.7869018	137.500951	180.2160114
324.3886923	194.4543648	0.6495	324.1327967	194.4543648	194.4543648
327.9911415	194.4543648	0.734	326.9090553	194.4543648	194.4543648
329.2759717	194.4543648	0.729333333	328.1238214	194.4543648	194.4543648
332.0024245	194.4543648	0.7285	332.3225185	194.4543648	194.4543648
336.4779587	194.4543648	0.733166667	336.629463	194.4543648	194.4543648
342.3635167	194.4543648	0.699666667	340.9225781	194.4543648	194.4543648
342.4153852	194.4543648	0.7035	341.0230626	194.4543648	194.4543648
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337.137172	194.4543648	0.6665	340.3257438	194.4543648	194.4543648
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340.28523	194.4543648	0.661	341.3581014	194.4543648	194.4543648
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328.4366404	194.4543648	0.705166667	329.9117821	194.4543648	194.4543648
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9/15/2019	0647	0.0945	11.03436551
9/15/2019	0648	0.105833333	335.9534599
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159.5972398	0.325166667	14.1470242	160.1656695
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194.4543648	0.332166667	353.6993303	194.4543648
194.4543648	0.305166667	345.0649877	194.4543648
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194.4543648	0.498166667	338.7797333	194.4543648
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194.4543648	0.338	336.7287162	194.4543648
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192.8420403	0.077	103.3576448	161.5102131
139.924813	0.125666667	148.5950272	141.4636116
154.3452092	0.15	162.3786173	154.8445972
141.222863	0.181666667	159.9568973	151.6613046
162.1826453	0.124166667	182.3151857	187.0508291
141.9219371	0.129333333	129.8970703	138.0471473
139.8551795	0.093666667	57.52063258	140.8496869
194.4543648	0.162666667	334.6543539	194.4543648
194.4543648	0.358333333	355.169491	194.4543648
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357.2730488	194.4543648	0.336666667	353.3992235	194.4543648	176.8682425
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323.2509719	194.4543648	0.518833333	323.4469542	194.4543648	180.2167942
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324.1830163	194.4543648	0.655666667	331.4068408	194.4543648	194.4543648
324.1276431	194.4543648	0.712666667	330.2815044	194.4543648	194.4543648
325.1599603	194.4543648	0.5735	330.2891957	194.4543648	194.4543648
322.5753475	194.4543648	0.475	331.6005052	194.4543648	194.4543648
319.4140895	194.4543648	0.373333333	327.7586086	194.4543648	194.4543648
321.445471	194.4543648	0.274333333	329.9363345	194.4543648	194.4543648
311.9736441	137.6920315	0.2785	319.2264044	194.4543648	180.2637815
320.8427493	194.4543648	0.245333333	332.9580607	194.4543648	194.4543648
352.605852	194.4543648	0.197666667	1.432431218	189.7697955	189.5034035
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73.71320475	156.7781526	0.086166667	84.79925795	178.9684564	154.1128689
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9/15/2019	0746	1.181166667	340.8325915
9/15/2019	0747	1.135166667	336.4913611
9/15/2019	0748	1.1445	342.4847768
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165.4888178	0.746833333	84.6693522	178.6314847
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339.2434205	194.4543648	0.904333333	345.9064321	194.4543648	194.4543648
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334.0527587	194.4543648	1.431666667	339.4192116	194.4543648	194.4543648
337.2116601	194.4543648	1.338166667	343.0081349	194.4543648	194.4543648
338.0614914	194.4543648	1.5155	342.8962196	194.4543648	194.4543648
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337.7212915	194.4543648	1.311666667	344.433849	194.4543648	194.4543648
345.0978104	194.4543648	1.437666667	352.0093265	194.4543648	194.4543648
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336.2354656	194.4543648	1.404666667	343.7925521	194.4543648	194.4543648
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356.0814175	194.4543648	1.310166667	1.489510396	189.5902316	191.7665382
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47.56212933	137.6375915	0.908333333	46.76439537	137.5652215	137.8652766
42.82154774	137.5994455	1.035254237	39.37433666	138.1654613	137.7182014
46.67175123	137.5585497	1.106333333	45.54543879	137.5062307	137.6095389
49.75811576	137.9754963	1.064166667	48.58949474	137.7702744	138.1201561
72.42650614	154.911705	0.9435	71.67976984	153.8840365	156.1416771
65.37974985	146.6815105	1.026	63.8585402	145.2997638	146.4958812
57.00357349	140.5736956	1.223166667	54.96820437	139.6075199	141.0621752
49.19481993	137.8693389	1.535166667	49.69082675	137.9621051	137.9846819
51.99287923	138.5304881	1.355333333	50.43892158	138.1218513	138.4096779
42.19509528	137.6649292	1.0815	40.20224379	137.9834754	137.797565
68.16925118	149.5627401	0.839666667	67.13526567	148.4405288	149.836729
50.90958717	138.2346337	0.972833333	49.62712307	137.9496051	138.2365913
38.79686049	138.3097977	0.9395	38.97712595	138.2632011	139.1807588
52.66747722	138.7404654	0.938666667	50.27576713	138.0849726	138.6692653
70.63207418	152.5082612	0.877833333	68.70129907	150.1659777	153.6741605
72.76016587	155.3839094	0.822166667	68.50476411	149.9410734	155.9579563
46.64532284	137.5567125	0.950833333	44.14727152	137.5152296	137.6459043
72.00712279	154.3296345	0.5855	69.94640858	151.6483873	154.9359101
82.51373286	173.3468431	0.763666667	80.47517435	168.8427832	171.5774822
74.98834639	158.7526851	0.600833333	68.34045594	149.7549146	157.9793553
91.3111487	190.1530942	0.504666667	87.22243054	185.6749244	180.4176049
66.09031306	147.3717899	0.887	63.53352398	145.0211084	145.8501613
69.78991276	151.4565197	0.549166667	66.16598362	147.447022	149.825485
33.49368299	140.3200517	0.581333333	30.02905776	142.3311515	140.4037804
46.61675863	137.5547598	0.5845	44.92624615	137.5001139	137.5423942
87.7633211	187.2876829	0.768166667	92.00251468	187.9998317	184.7235458
84.98123268	179.444192	0.9755	88.47423545	189.4764545	183.5108301
92.782942	185.6591273	0.778666667	97.3643035	173.6309831	178.3344574
101.8541828	164.2218997	0.888666667	104.6342834	159.3618472	160.9373684
94.46561019	180.9172391	0.711666667	98.42095299	171.2253155	174.7047159
63.69839296	145.1617428	0.822666667	65.51353249	146.8092558	146.4456074

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9/15/2019	0824	0.889666667	77.6128078
9/15/2019	0825	0.834333333	98.75787213
9/15/2019	0826	0.897833333	89.9991438
9/15/2019	0827	0.7855	90.68782565
9/15/2019	0828	0.782166667	103.7984764
9/15/2019	0829	0.530833333	98.88706076
9/15/2019	0830	0.618666667	48.96119756
9/15/2019	0831	0.735833333	45.02824282
9/15/2019	0832	0.755166667	6.45305444
9/15/2019	0833	0.899	16.25865494
9/15/2019	0834	0.9095	29.78360464
9/15/2019	0835	0.854666667	16.68418984
9/15/2019	0836	0.842586207	57.22980407
9/15/2019	0837	0.746333333	48.96258343
9/15/2019	0838	1.092	69.73287845
9/15/2019	0839	0.822333333	91.17578709
9/15/2019	0840	0.8625	85.88504628
9/15/2019	0841	0.599333333	84.69874208
9/15/2019	0842	1.020833333	88.5282278
9/15/2019	0843	0.947833333	92.03450926
9/15/2019	0844	0.746	84.36244748
9/15/2019	0845	0.717166667	74.35813849
9/15/2019	0846	0.849	48.47661685
9/15/2019	0847	0.6695	48.77317881
9/15/2019	0848	0.5305	64.72425885
9/15/2019	0849	0.7455	69.37253592
9/15/2019	0850	0.735166667	51.13197655
9/15/2019	0851	0.736166667	64.97026346
9/15/2019	0852	0.999833333	70.44237639
9/15/2019	0853	0.6545	83.97478155
9/15/2019	0854	0.739	54.16652179
9/15/2019	0855	1.01	93.41345673
9/15/2019	0856	0.795166667	95.655898
9/15/2019	0857	0.546333333	94.65110391
9/15/2019	0858	0.8315	129.8766221
9/15/2019	0859	0.952666667	104.1908522
9/15/2019	0900	0.555333333	66.79788226
9/15/2019	0901	0.542833333	70.74327827
9/15/2019	0902	0.702	108.1925588
9/15/2019	0903	0.712833333	156.9827606
9/15/2019	0904	0.5275	164.882653
9/15/2019	0905	0.989	123.0937911
9/15/2019	0906	1.249333333	117.798907
9/15/2019	0907	1.123666667	120.4987392
9/15/2019	0908	0.857833333	112.8117525
9/15/2019	0909	0.680666667	151.4123833
9/15/2019	0910	1.003220339	116.1757785
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181.8724549	0.8485	89.84418406	193.927696
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157.7608753	0.7375	77.08253199	162.2832693
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137.7986948	0.825	51.0260666	138.2640141
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138.2912356	0.862333333	54.20683309	139.2945045
146.2968278	0.808833333	71.91832259	154.2080056
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176.8664183	0.696	87.1059824	185.3334929
139.2786559	0.802833333	58.74862206	141.5558897
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177.7973287	0.845	103.3592551	161.5074159
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152.6507044	0.6235	74.06648737	157.3124789
154.0569203	0.771333333	111.0426108	150.4627093
148.2805081	0.804166667	160.4246634	152.2448244
158.5841365	0.563333333	173.1625332	174.8782912
140.5231254	1.070333333	131.8549678	137.7074069
143.937953	1.4205	122.4265567	140.878583
142.0246012	1.204333333	124.333831	139.9174583
148.496449	0.936	117.8623786	143.888696
143.3407141	0.761333333	149.2916494	141.8912914
145.270069	1.090166667	120.470821	142.0425192
144.2727447	0.847	150.0613723	142.3914247
154.7210369	1.132666667	113.1887048	148.1022558
146.3463164	1.154	119.0866086	142.979362
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90.84385896	191.6525713	1.007833333	94.99297965	179.5119599	185.3122847
88.62969341	189.9658333	0.7935	90.14081094	193.9782274	189.139931
97.96405843	172.2501101	0.796	97.41863415	173.5041963	166.6449591
92.69277442	185.9248241	0.613050847	92.50516556	186.4815794	177.8674135
46.12367027	137.5264469	0.763833333	50.30660207	138.0918551	137.9386697
47.46031034	137.6268648	0.814	51.47715217	138.3833119	137.8013312
11.92555506	164.0885461	0.982833333	19.52210598	152.3121565	162.3293898
19.28547463	152.6137937	1.214666667	25.11202431	146.220668	150.4483669
30.98358389	141.7195038	1.154833333	36.32777102	139.0902063	140.7082072
19.23302314	152.6811692	1.053333333	26.692987	144.83029	150.2649139
58.62054098	141.4788613	0.992666667	61.43422217	143.3568194	142.5723708
47.95792126	137.6834354	0.9225	47.10779038	137.5930952	137.9950794
68.78493167	150.262424	1.1555	70.43493154	152.2577978	152.462721
88.27935009	188.8684674	0.939833333	86.29612854	183.0139793	186.3415025
85.93487339	182.0095614	0.904	88.76119706	190.3828791	187.0481478
77.61980366	163.2500651	0.6685	77.3140417	162.6966992	170.2948883
88.27558237	188.8567731	1.167833333	90.76681242	191.9033086	189.191633
94.99413537	179.5089209	1.050333333	97.24564829	173.9090682	177.5428054
89.96003571	194.3188731	0.7845	95.95434254	177.043742	184.6423159
73.39234982	156.3011405	0.784666667	76.97185567	162.0872985	159.6081459
47.81190691	137.6657545	0.907833333	50.8329474	138.2156207	138.1692741
47.62654814	137.6446034	0.864833333	54.74571835	139.5133575	138.3051675
59.5693028	142.0683378	0.603166667	61.20872032	143.1916963	144.5015429
71.36940889	153.4685516	0.878166667	71.929721	154.2235865	153.3145318
51.40404791	138.3633818	0.887833333	57.57159465	140.8775693	139.2066728
70.29592487	152.0827692	0.764833333	74.56160384	158.077639	152.6663104
71.86051055	154.1291228	1.174333333	75.65765747	159.8410961	156.7874728
84.61905883	178.5016117	0.810666667	84.872508	179.1594327	179.9652389
52.43415656	138.6655945	0.8545	56.83864273	140.488292	139.997108
95.68197929	177.731024	1.183333333	97.87723035	172.4474938	175.9597945
102.9343817	162.253251	0.914166667	106.7635615	156.0721585	164.4075385
93.80855363	182.7210386	0.630333333	96.45402671	175.80683	178.8349836
134.7467265	137.5013434	0.927166667	132.8630894	137.5956868	137.6637975
104.9379793	158.8707051	1.0485	106.2154886	156.8852285	156.3208419
68.03967435	149.4185058	0.6225	74.86161778	158.5506987	152.2677293
72.34254054	154.7941517	0.622666667	79.69053518	167.2265065	157.9959604
106.8158618	155.9957554	0.807666667	105.7313008	157.6226618	154.5345117
157.5194385	148.8498538	0.778813559	153.4681147	144.9657217	148.585227
166.8255589	161.8299062	0.582833333	157.562185	148.8959529	161.0470717
130.6013969	137.9061858	1.193	132.2682804	137.6564268	138.4482862
121.6761267	141.303475	1.503	122.3029084	140.9467539	141.7666912
125.753346	139.3102317	1.260833333	126.4698074	139.0380618	140.0725882
117.0189429	144.5605345	1.015666667	119.5412575	142.6611026	144.9016955
152.0810676	143.8449846	0.851333333	150.3390868	142.5790683	142.9140146
119.198706	142.8999246	1.201333333	119.2673743	142.8515767	143.2660224
148.7309422	141.5452099	0.8535	138.1228383	137.7044863	141.4784664
110.399707	151.2262002	1.217333333	110.8082098	150.737984	151.1968692
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9/15/2019	0915	0.725833333	143.2932723
9/15/2019	0916	0.5375	94.99152721
9/15/2019	0917	0.872	145.3459787
9/15/2019	0918	0.824833333	159.6165731
9/15/2019	0919	0.854	193.6503883
9/15/2019	0920	0.720833333	208.4722367
9/15/2019	0921	0.845	191.6113906
9/15/2019	0922	0.692833333	177.3636298
9/15/2019	0923	1.143333333	173.2684188
9/15/2019	0924	0.886333333	159.6558332
9/15/2019	0925	0.898	168.0978379
9/15/2019	0926	0.950166667	199.2393844
9/15/2019	0927	0.788833333	161.5489073
9/15/2019	0928	0.997833333	139.6256257
9/15/2019	0929	1.3655	156.9613815
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9/15/2019	0931	1.564833333	158.4363934
9/15/2019	0932	1.215666667	160.9151241
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9/15/2019	0938	1.386666667	159.8348312
9/15/2019	0939	1.341833333	159.3674223
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9/15/2019	0948	2.139166667	153.2700513
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157.1394628	148.4449526	1.0295	156.6701805	147.9568695	144.3781573
163.2407134	156.0784125	0.907833333	159.6010013	151.2270562	152.7001702
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178.5351092	189.667617	0.8275	181.1553156	190.6491216	189.5126929
171.2996435	170.6099347	1.286166667	172.2580186	172.7566456	172.7121584
166.2387545	160.8161415	0.997166667	166.310781	160.9389828	159.8974806
171.9180641	171.983496	1.100833333	170.4342773	168.756984	168.8073219
195.0104155	158.7546648	0.992	192.7702481	162.5456236	157.1665786
167.3925633	162.8380065	0.959	170.8385775	169.6128354	162.6430263
146.0448708	140.0949148	1.087333333	144.9356466	139.5936011	139.4025137
159.2696404	150.8301914	1.670166667	157.9021247	149.2665355	149.1574221
152.8004941	144.4135448	1.6725	151.5152489	143.4167869	143.4984278
163.2052103	156.026514	1.718833333	162.5630586	155.1039747	153.2833477
169.1229032	166.0956678	1.366166667	167.7238225	163.44024	162.2921253
176.4729451	183.5123129	1.469333333	174.8293251	179.0467622	179.7054379
157.1459443	148.4517861	1.7355	156.8202022	148.1114721	147.7129806
141.3022683	138.3360185	1.718833333	139.3790672	137.902577	138.0806901
137.0969375	137.5921384	1.6675	137.1179944	137.5939992	137.5709021
136.8716498	137.5733956	2.016101695	138.13789	137.7064648	137.6162608
161.3863124	153.4910069	1.6585	159.586987	151.2101267	152.4486878
159.6499874	151.286333	1.601	157.3100279	148.625625	150.4756275
164.766892	158.4005609	1.922166667	164.7169861	158.3217497	155.9880852
164.6347714	158.1923489	2.233	163.9939019	157.2019109	155.6732803
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166.130681	160.6326489	2.177666667	165.6754308	159.8704999	158.4029029
167.521493	163.0712264	2.2445	166.7783405	161.7472301	162.3214999
158.4754051	149.9076855	2.190333333	157.1583809	148.4649052	148.2542346
156.2984942	147.5795704	2.263166667	156.3755444	147.6571157	146.1346334
174.4345422	178.0279187	2.325166667	173.7365656	176.2749948	176.3963398
158.4072471	149.8303836	2.442166667	159.4686767	151.0677171	148.7545352
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167.2603566	162.6004044	2.317833333	166.2760379	160.8796733	160.0913538
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163.136981	155.9270411	1.89	162.2665004	154.6881344	153.9640242
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9/15/2019	1012	1.5585	143.6783164
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9/15/2019	1027	1.569666667	153.9394503
9/15/2019	1028	1.239666667	122.5090963
9/15/2019	1029	1.8505	149.6412825
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138.5564372	0.701833333	139.4773328	137.9208938
158.8864474	1.057166667	166.3085253	160.9351291
140.8351327	0.585333333	235.7983124	139.9786339
145.5848228	1.366666667	210.0721911	142.3025452
140.5850186	1.797666667	218.4226834	138.4109947
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151.4865574	143.3955139	1.507166667	149.7231994	142.1681002	141.9863842
125.6647705	139.3454685	1.091	126.9769455	138.859155	138.9389085
140.9609976	138.2475293	1.843666667	140.7038444	138.1841631	138.1411466
158.0159574	149.3922188	1.827666667	158.3862842	149.806667	148.6915673
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140.8450055	138.2185953	1.435666667	139.7902982	137.9819691	138.0666163
143.6944103	139.0984303	2.141833333	142.0743547	138.5547952	138.9064028
130.6580961	137.8957566	1.764166667	130.5401982	137.9175959	138.0753613
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137.0889041	137.5914334	0.759833333	137.4740194	137.6282836	137.924262
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237.4566003	140.814827	0.735333333	239.1691164	141.8143565	140.8607375
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138.9820177	0.8995	220.4345395	137.9376702
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138.0852788	2.233333333	234.0992515	139.2523695
139.4893842	1.150166667	217.302939	138.7501288
137.6864402	1.793833333	224.0471583	137.519016
137.5634611	2.039166667	227.2173547	137.6030312
141.2996953	2.653666667	214.2424219	139.9596909
142.5001894	2.296666667	211.3320971	141.5072527
137.7361475	1.964833333	223.6730595	137.5368831
137.621337	1.629666667	231.6895162	138.4425193
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139.0183262	1.410833333	240.4314971	142.6423605
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223.9365428	137.5236881	2.0115	225.6264958	137.5082203	137.5941111
253.8417747	156.9714985	1.885666667	254.609768	158.1531016	157.5410498
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241.5315472	143.4288899	2.075666667	241.9752297	143.7636281	143.7949574
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191.1272161	165.6073564	2.906166667	191.4295112	165.0251833	164.4077723
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9/15/2019	1303	1.747166667	213.7246247
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222.8102047	137.6004845	2.090333333	223.5833786	137.5420384	137.7581532
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137.0988078	137.592303	1.117666667	141.7061432	138.4472374	138.113819
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224.5934128	137.5034621	2.603333333	224.1465086	137.5152569	137.5287908
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9/15/2019	1339	1.6055	223.472158
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250.5144728	152.3585363	2.130666667	248.6361448	150.0911481	153.7287065
205.6529643	145.7294429	1.196	206.5802796	144.9248915	145.6117765
215.830236	139.2799279	0.959166667	213.9490759	140.0978047	139.791968
74.22841792	157.5606182	1.212833333	77.41472166	162.8779823	159.8543752
84.32041396	177.7371046	1.169833333	84.65619821	178.5974855	182.9532615
218.3324591	138.436302	2.192	218.2317268	138.4649734	138.358244
211.7415192	141.2653833	2.923	213.0712164	140.5348112	141.1179646
214.7276118	139.7398777	2.714	214.7326136	139.7376674	139.9521841
221.2260932	137.7988103	2.049833333	221.5564248	137.7487143	137.8629135
229.469317	137.9193843	1.42	226.8202298	137.5694165	138.0661848
118.9628752	143.067784	0.909	127.7421597	138.6105936	143.2390075
117.3387514	144.301372	1.0945	124.1084645	140.0222719	142.5555793
123.7717153	140.1832261	1.002542373	128.0115755	138.5291674	139.9339349
277.3488809	173.6670357	1.048333333	277.2158224	173.979227	175.5909418
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210.2959938	142.1555947	2.691333333	211.7398805	141.2663354	142.572937
211.6321524	141.3292055	3.0245	212.1448123	141.0349703	141.2787104
212.0481609	141.0894848	2.091	213.6394944	140.2478497	141.3554499
210.7991448	141.8342141	1.330333333	210.9593603	141.7344751	141.6148145
219.6170607	138.1090689	2.342333333	221.7874557	137.7164188	138.0098788
236.3329626	140.2343214	1.3015	242.0853501	143.8482887	141.394479
269.3018332	192.1275527	1.614	270.0387769	194.3228947	191.0086817
287.7523301	154.661945	3.089	289.8929758	151.8469916	153.5266926
284.9822881	158.7996737	2.885	287.6618751	154.7879838	156.1800164
290.19077	151.4801157	2.924333333	293.4425136	147.8416125	149.7287641
261.4247635	170.8844589	2.7325	263.7210972	176.2368329	172.4002848

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9/15/2019	1422	0.814333333	235.5357795
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9/15/2019	1424	1.764166667	281.33715
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9/15/2019	1426	1.058	327.0184113
9/15/2019	1427	1.024	297.7646099
9/15/2019	1428	1.663666667	288.9314289
9/15/2019	1429	1.598166667	239.7607273
9/15/2019	1430	1.654666667	290.5748235
9/15/2019	1431	1.393	295.2736112
9/15/2019	1432	0.839166667	225.9342802
9/15/2019	1433	2.0025	241.5724629
9/15/2019	1434	1.4805	268.5378688
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9/15/2019	1439	2.2935	197.4819541
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9/15/2019	1442	1.112833333	188.6920537
9/15/2019	1443	1.241333333	172.5044063
9/15/2019	1444	0.9335	201.3444336
9/15/2019	1445	1.018666667	171.1024887
9/15/2019	1446	0.8725	182.1515064
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143.9646568	1.080666667	305.8758011	139.2620943
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140.7655067	0.993666667	41.19900701	137.8031228
168.6131852	1.224666667	105.1120343	158.5925871
167.7715847	1.311166667	105.4429611	158.0704964
146.3949575	1.359166667	118.5576473	143.3628215
149.6409799	1.498666667	115.5105269	145.8572089
165.7966242	1.532542373	105.2223022	158.4176515
164.4693649	1.922666667	82.75931736	173.9207416
140.9560495	1.570166667	63.16379272	144.7110626
138.0640937	1.1725	55.75534161	139.9586531
143.2739405	1.4535	33.89773113	140.1223849
152.4914961	1.789666667	27.21423176	144.4016334
159.3337445	0.858666667	17.2633511	155.3503606
152.1063019	0.555666667	219.3429745	138.172932
151.4687269	0.361833333	22.7168909	148.5969943
179.9996827	0.978666667	277.011773	174.4620008
146.4486523	0.786333333	205.0079418	146.3170634
148.8704236	1.624833333	202.6807702	148.6354222
188.2381783	1.740666667	182.2052034	187.3829115
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145.0780428	1.404666667	203.8136338	147.4673436
150.2853495	1.645666667	206.3687278	145.1043104
145.5714477	2.3825	206.9404628	144.6249637
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281.3282551	165.2192183	2.241666667	281.4640594	164.9592013	163.9920417
291.2757124	150.1924441	1.66	293.1344035	148.1585165	148.0487402
333.3286259	194.4543648	1.176833333	339.4061061	194.4543648	194.4543648
299.9791152	142.364389	1.237	306.1499273	139.156758	141.1869745
290.3703239	151.2617358	2.140666667	293.4287112	147.8556885	149.8703058
245.2870517	146.5935943	1.820833333	249.5305065	151.1420276	146.9030685
293.9435501	147.338231	2.019333333	296.5486284	144.9515813	147.3737821
297.1250792	144.4739228	1.572833333	299.8874701	142.425702	143.8800153
225.9768595	137.5199868	1.1555	227.0144681	137.58503	137.5325946
244.9579388	146.2853967	2.828833333	246.0916761	147.373142	146.6483199
269.2129239	191.8372663	1.858833333	266.999725	185.0237008	186.8619735
261.2903842	170.5896864	1.309166667	262.3924728	173.066039	176.8094136
285.5137929	157.9598776	1.097833333	280.7168913	166.411625	158.8036537
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202.4055078	148.9308678	1.773666667	201.8294993	149.564136	148.8688379
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180.5424842	192.6390934	1.309322034	184.7506791	180.1530017	187.0918606
194.4458326	159.6704033	1.182666667	197.6982866	154.7371775	161.2738621
181.5044692	189.5432605	1.424333333	184.240607	181.528226	184.0142789
196.2046681	156.9015108	1.005666667	197.4684339	155.0595119	153.0135896
170.9663222	169.8868256	1.257666667	172.535438	173.3972843	171.0634094
180.8181265	191.7362027	1.007833333	178.4380075	189.3629717	190.1397456
49.73348674	137.9705725	0.7475	50.50085044	138.136148	140.458323
37.60152703	138.6543537	1.125666667	44.45662395	137.5061836	138.6822917
98.73146988	170.5419322	1.374833333	98.37820713	171.3202141	167.2669797
100.2474908	167.3519018	1.464333333	102.6550682	162.7522232	163.9865515
116.8845336	144.6710802	1.578666667	119.5270346	142.6709013	144.2749401
110.8999211	150.6298604	1.6835	115.2714044	146.0742382	148.0505719
101.8675168	164.1969504	1.757833333	103.734076	160.8624272	162.3184133
77.06440284	162.2510947	2.121833333	79.50279716	166.8489798	166.8725453
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26.41621536	145.0638249	1.599833333	31.37516312	141.481432	142.4853956
23.74678201	147.5341657	1.9	29.33244616	142.8059803	146.8083189
13.15037944	161.8721112	0.841833333	16.76450358	156.0707804	158.1567492
226.6404346	137.5563759	0.5515	230.3635428	138.1046714	141.4850703
21.71336638	149.6943027	0.3455	11.8407916	164.2469728	153.5017492
272.9378568	185.2054775	1.163666667	269.0754576	191.3910702	182.7645578
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202.2171489	149.1357024	1.905833333	203.4884144	147.7948831	148.6091078
185.581256	177.9875638	2.000166667	184.8072856	180.0025428	183.4027991
176.9397971	184.849718	1.1135	178.6514796	190.0347297	185.1578035
203.8678706	147.4133226	1.583666667	201.6360738	149.7814023	147.4350278
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222.0396627	137.6837355	3.216	222.8427343	137.5975195	137.698148

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169.1023565	2.173666667	172.0582526	172.3007482
169.5396873	1.460166667	171.1070243	170.1906141
147.1736031	1.6875	159.8542309	151.5351797
143.8418577	1.818644068	155.1878688	146.5000689
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186.1708642	176.5039877	1.395	187.5924437	173.1008764	179.5720433
156.0122392	147.294518	1.609666667	157.0062995	148.3051159	146.3502613
129.1860588	138.2109446	1.375666667	131.1590798	137.8095366	138.5319312
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184.8346068	179.9300765	1.337833333	182.3721156	186.8796662	182.6124389
196.9571533	155.7903711	1.5965	197.8038949	154.5903593	155.8668803
237.735578	140.96812	2.279166667	239.9022094	142.285611	141.9016229
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183.9845347	182.2320518	1.9995	183.3056836	184.1425373	182.0238752
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218.6619514	138.3455869	1.518666667	220.3278896	137.9584146	138.4074515
167.9022641	163.7687732	1.4095	167.7776311	163.5390024	161.1790465
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106.5098728	156.445678	0.862166667	102.6015342	162.8486508	160.7253159
146.4707351	140.3023418	2.205	147.1188062	140.6341184	139.7960945
187.7345486	172.7736956	2.056	187.93284	172.3209804	174.5893948
172.2319888	172.6969858	2.692166667	173.0430896	174.5926394	171.8954271
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177.7633871	187.2878826	3.284166667	177.634531	186.8996239	186.2339548
155.6694187	146.9593999	3.401333333	155.2594571	146.5675176	146.4197632
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140.855622	138.2212195	1.506833333	140.8641443	138.2233296	138.278209
139.7916513	137.9822422	1.833166667	140.7131646	138.1864101	137.8980527
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158.828886	150.3132909	1.5025	158.4192347	149.8439583	150.6034137
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173.0321422	174.5665431	2.444833333	173.2092162	174.9903956	172.7400108
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157.3259497	148.64258	2.0155	156.3024187	147.5835117	146.6420046
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137.6924292	0.736	132.2147849	137.6626195
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149.9276874	1.1885	162.7876658	155.4231919
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179.2974775	192.1133001	1.1355	179.9875761	194.4122134	185.6691255
175.0968973	179.7488348	1.209166667	172.6868196	173.7505968	178.6117834
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187.2562362	173.8841873	2.022333333	187.9087865	172.37566	174.7259073
213.795538	140.1716683	2.213333333	214.482327	139.8496632	139.7977522
222.9779992	137.5856674	1.3765	226.2183203	137.5310908	137.5807146
229.9981131	138.0248301	1.11	232.6112029	138.7221894	138.9232712
207.0074302	144.5699654	0.941	205.3996757	145.957422	144.3265417
138.5049952	137.7576796	0.7265	141.1118883	138.2860352	138.2639361
156.772283	148.0619442	1.595666667	155.245473	146.5543193	147.5157774
153.3204709	144.84155	1.908	151.2176748	143.1982036	144.6089168
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139.0518894	137.844547	1.158833333	138.8320642	137.8081081	137.774878
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192.3265367	163.3480471	1.863050847	190.7914215	166.2643254	163.8169087
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166.1685867	160.6968943	1.780333333	164.5333213	158.0334121	157.5947654
164.0282213	157.2541381	1.335166667	165.0884078	158.9130818	153.4586103
125.3336798	139.4802937	1.543	131.8272413	137.7110847	139.2558868
198.5554798	153.5684852	2.299166667	197.8930245	154.4670748	154.8399806
216.6822067	138.961751	2.784666667	215.7167822	139.3247349	138.95658
216.6864314	138.9602534	1.519833333	218.5718124	138.3699374	138.2149268
162.7974511	155.4371832	2.056833333	164.69804	158.2918821	155.7982283
176.4513153	183.4511129	1.714333333	178.5918862	189.8464556	182.1009374
198.6121355	153.4930699	1.364666667	197.6235684	154.8415383	152.999645
164.5968401	158.1328284	0.983	163.5991356	156.6076711	154.0297744
180.0713653	194.2126123	2.280833333	180.2292346	193.6810191	192.496933
169.4535618	166.7505492	1.816	169.5433793	166.9302911	168.192651
154.6223781	145.9774409	1.850666667	154.904493	146.2359246	145.827293
148.3141412	141.297793	1.1905	144.4110236	139.3758993	140.380822
123.0962955	140.5218305	1.247666667	122.7989966	140.6775984	140.605522
114.0995009	147.1845417	1.211833333	117.4840314	144.1854306	146.7288575
112.7540912	148.5575004	0.811833333	115.5309554	145.8388155	148.6278301
173.571568	175.8694422	0.766166667	165.3907098	159.4026016	171.958834
115.9659139	145.4526647	0.823833333	117.5196317	144.1571894	150.0553298
134.8401669	137.500535	0.744833333	131.4289735	137.7674958	137.6557699
164.3129951	157.6910355	1.644666667	164.2836653	157.6457457	154.9527352
160.000392	151.7149478	1.343666667	160.6749838	152.5631252	152.4072381
195.8935311	157.3735563	1.532	195.0220234	158.7361087	158.5937281
178.062102	188.1978551	1.980833333	179.2214379	191.8650063	188.8634037
179.6095005	193.1424977	1.853666667	180.8422513	191.6577929	189.3073362
194.8033378	159.0875241	1.868	196.8483095	155.9484569	158.6317586
186.9337111	174.6479885	1.677333333	186.2000327	176.4317191	177.2477719
180.2763546	193.5231996	2.097833333	179.9050121	194.1327883	192.1418573
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9/15/2019	1657	1.092	225.2678751
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9/15/2019	1700	1.38	163.1840637
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9/15/2019	1702	1.199661017	185.5916236
9/15/2019	1703	0.648	165.9893171
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9/15/2019	1713	1.618666667	178.8904485
9/15/2019	1714	1.951333333	169.6066953
9/15/2019	1715	1.9325	164.4498988
9/15/2019	1716	1.9865	186.6419015
9/15/2019	1717	1.731833333	210.1463353
9/15/2019	1718	1.7465	203.3597165
9/15/2019	1719	1.529833333	202.6676931
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9/15/2019	1721	1.557	187.9984757
9/15/2019	1722	1.24	226.0088214
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9/15/2019	1724	1.228333333	187.2653932
9/15/2019	1725	1.035	193.5033303
9/15/2019	1726	0.720333333	196.0565808
9/15/2019	1727	0.462166667	230.5731278
9/15/2019	1728	0.740166667	290.7998186
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157.2513749	1.735333333	164.5896191	158.1215104
157.8467566	1.727	166.6734425	161.5642556
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183.710616	182.9950587	1.108833333	179.2094287	191.8258818	181.3773756
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168.0043667	163.958068	2.368666667	167.6865954	163.3720659	161.6002974
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228.042091	137.694036	1.4145	230.0861156	138.0435357	137.7137023
211.2050975	141.5839176	1.012666667	211.7102529	141.2835706	141.0462886
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9/15/2019	1808	0.935833333	171.7495313
9/15/2019	1809	0.9865	162.4652901
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9/15/2019	1818	0.782	169.9758032
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169.2739719	166.3935381	1.082166667	170.2414043	168.354676	167.0936935
175.9383208	182.0190601	1.184	173.0745868	174.6678011	180.4853489
173.4584193	175.5932479	1.2485	171.5239685	171.1033327	174.8836525
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181.6543624	189.0745819	0.762666667	181.5567132	189.3794956	189.2666734
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172.6748431	173.722548	0.662166667	171.9902692	172.1466243	175.4385687
177.9444038	187.8376488	0.530166667	179.845008	193.9304698	185.4954873
173.0867507	174.6968593	0.672333333	174.4200058	177.9907857	174.7862406
183.1883269	184.4795196	0.559333333	184.6515232	180.4175877	182.6032543
185.0804845	179.2823591	0.5845	185.9134558	177.1463213	180.6543503
182.385347	186.8399566	0.630333333	182.1647799	187.5054371	187.1081005
173.0687566	174.6538798	0.755166667	176.78474	184.4020055	174.5737634
177.0284059	185.1071548	0.839666667	179.4492055	192.6116828	183.0907995
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187.2318054	173.9416175	0.850833333	186.349103	176.064012	176.7958354
184.5907446	180.5804204	0.788333333	185.7002633	177.6845931	182.499404
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9/15/2019	1837	0.567166667	181.8388071
9/15/2019	1838	0.568333333	174.0168068
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9/15/2019	1840	0.528	178.5803632
9/15/2019	1841	0.529833333	171.4929168
9/15/2019	1842	0.535833333	171.0069269
9/15/2019	1843	0.542166667	166.7850483
9/15/2019	1844	0.578983051	170.4908787
9/15/2019	1845	0.516333333	175.0569994
9/15/2019	1846	0.4755	185.6665873
9/15/2019	1847	0.568666667	188.2982577
9/15/2019	1848	0.599666667	200.8352715
9/15/2019	1849	0.497833333	206.534018
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9/15/2019	1852	0.370833333	200.8964042
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9/15/2019	1854	0.535333333	207.5785034
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9/15/2019	1857	0.66	205.0878429
9/15/2019	1858	0.730833333	194.7631301
9/15/2019	1859	0.720166667	190.4952995
9/15/2019	1900	0.760833333	198.7595808
9/15/2019	1901	0.613333333	193.6988544
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9/15/2019	1910	0.567333333	170.2611755
9/15/2019	1911	0.484166667	170.1310048
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9/15/2019	1916	0.351833333	225.1146884
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9/15/2019	1918	0.333333333	175.3147285
9/15/2019	1919	0.397288136	181.9322399
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9/15/2019	1921	0.334	198.3189674
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138.8244025	0.438833333	223.0723145	137.5778583
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162.6722483	0.698333333	196.1404369	156.9983488
164.8235671	0.628333333	193.4725679	161.311155
158.048157	0.707666667	196.8674977	155.9205237
160.767978	0.708	195.3748015	158.1773166
172.9221151	0.577833333	189.980946	167.895611
173.1760448	0.485	189.1421933	169.6539682
177.6303728	0.539333333	176.1620256	182.6389864
171.0076805	0.660166667	174.5524942	178.3302226
168.3957402	0.702666667	174.0933011	177.1632934
168.1261152	0.637333333	173.1788672	174.9174859
159.879904	0.6485	169.1089195	166.0682077
159.1988424	0.659666667	168.9454113	165.7485266
176.3721988	0.654166667	175.4266795	180.6271933
159.2596166	0.516666667	194.6253795	159.3763601
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180.3273864	0.45	181.6243541	189.1681211
188.2152264	0.489333333	185.1964582	178.9796061
166.3928937	0.441	192.002233	163.9458034
153.8857409	0.434	197.4299844	155.1138067
186.6154788	0.514	184.8786194	179.8135467
164.9645947	0.522881356	172.409405	173.1051479
150.7275541	0.558333333	163.983278	157.185762
156.9538643	0.573666667	167.6606646	163.3246531
167.1026515	0.502666667	172.1750909	172.5668442

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177.7071892	187.118237	0.714333333	180.5736536	192.5363456	187.5006842
180.6066369	192.4277992	0.687	180.5948795	192.4664711	190.5580863
181.0439924	191.0059253	0.619166667	180.3353524	193.3261442	190.6730996
174.0206082	176.9809999	0.615333333	173.6624726	176.0924676	176.1225547
175.0303746	179.5734086	0.718666667	175.8559687	181.7926026	177.5478967
168.9874498	165.8304711	0.6905	170.184677	168.2370776	166.0400186
173.0568188	174.625387	0.755333333	172.8836377	174.2139358	173.064506
178.3730336	189.1599725	0.682166667	179.4685032	192.6753526	188.1668483
187.7690942	172.6945053	0.604666667	184.9684999	179.5763717	175.3743104
187.9441114	172.29538	0.728	187.7508891	172.7362207	171.1281527
197.9145351	154.4374066	0.7175	196.487854	156.4783266	152.7198821
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219.5386198	138.1270171	0.532	212.9149343	140.6163622	138.78641
212.6604702	140.7515916	0.487666667	206.0326008	145.3943816	141.9477079
202.7777789	148.5323957	0.569166667	199.1901985	152.7363176	149.6345924
202.0242103	149.347778	0.592166667	195.6911285	157.684664	149.6997763
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213.6774705	140.2292062	0.882666667	208.0828378	143.7192395	141.991636
210.5266857	142.0067033	1.029666667	206.9490928	144.6178627	143.7985352
199.712075	152.0727357	1.010666667	197.8262196	154.5594261	155.0126015
195.020794	158.7380735	0.978166667	195.2527989	158.3694414	161.6975763
204.3795458	146.9120889	1.063666667	201.1603743	150.3257383	150.0110185
197.7178082	154.7099776	0.9435	195.87824	157.3969484	157.9696652
200.5840019	151.0046015	0.963833333	200.0979337	151.5938585	155.5672643
198.8757313	153.1451303	0.917833333	199.0698957	152.8919114	158.042941
201.1570035	150.3296466	1.001666667	199.4538651	152.398755	154.1742706
198.5432923	153.5847375	0.960833333	196.4171748	156.5833754	157.2783519
191.3252315	165.2250273	0.7915	190.2388554	167.3694047	168.3530395
189.489293	168.9174691	0.645166667	187.2060653	174.0022007	171.4374207
176.8563235	184.6082582	0.7695	177.238758	185.7229592	182.6501442
174.64569	178.5703409	0.935833333	175.9116339	181.9455718	177.463454
173.7967166	176.4236715	0.8825	173.7429347	176.2907162	174.5683553
172.3943424	173.0703556	0.848305085	170.4647135	168.8208205	171.2336943
167.7764525	163.5368363	0.868	167.3399642	162.7432883	163.0570591
168.5143525	164.9180286	0.870833333	168.4325249	164.7623653	163.6569407
174.6566522	178.5986584	0.899666667	172.8633456	174.1659559	177.4410016
189.2226464	169.482132	0.769833333	186.1545674	176.5444109	166.1656299
218.7467383	138.3230026	0.604166667	213.4699667	140.3318883	138.4418701
202.2411811	149.109447	0.6925	202.9261066	148.3759642	146.9457484
183.7001956	183.024294	0.602666667	185.8948032	177.1931875	182.4282472
186.8713072	174.7971891	0.588166667	189.7132619	168.4488924	177.6102285
192.8379885	162.4246678	0.601333333	198.6645828	153.4234559	161.5467052
196.700004	156.1652827	0.656833333	199.1032638	152.8486554	154.5033714
185.4890907	178.2234395	0.697666667	186.524586	175.6346327	180.0717744
173.762549	176.339164	0.701	172.7665966	173.9378591	172.0866914
167.1121655	162.3359237	0.734833333	168.8699995	165.6019544	158.9627985
171.1432245	170.2691158	0.766666667	172.3101476	172.8763554	165.8559971
173.0864524	174.6961467	0.6805	173.7257692	176.248356	172.6534996

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9/15/2019	1928	0.333333333	162.7076986
9/15/2019	1929	0.404666667	158.7534184
9/15/2019	1930	0.436833333	157.8743899
9/15/2019	1931	0.483833333	155.2888929
9/15/2019	1932	0.502166667	159.9559142
9/15/2019	1933	0.497	156.3892671
9/15/2019	1934	0.5045	164.8173133
9/15/2019	1935	0.463	165.9479998
9/15/2019	1936	0.392333333	164.847989
9/15/2019	1937	0.409833333	160.9308656
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9/15/2019	1944	0.301833333	141.2842773
9/15/2019	1945	0.3185	153.6676759
9/15/2019	1946	0.294833333	174.9594955
9/15/2019	1947	0.211833333	195.2005271
9/15/2019	1948	0.1975	284.3473671
9/15/2019	1949	0.271333333	321.4123054
9/15/2019	1950	0.172666667	1.591575663
9/15/2019	1951	0.230333333	33.192838
9/15/2019	1952	0.242	46.75933994
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9/15/2019	2001	0.459666667	87.34294503
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9/15/2019	2006	0.293	70.79509745
9/15/2019	2007	0.3135	63.30773238
9/15/2019	2008	0.419	48.25035284
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9/15/2019	2010	0.639666667	49.38729041
9/15/2019	2011	0.564333333	60.4117408
9/15/2019	2012	0.584666667	66.39913377
9/15/2019	2013	0.6585	69.75751271
9/15/2019	2014	0.786166667	71.849835
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9/15/2019	2016	0.7635	89.916498
9/15/2019	2017	1.002666667	90.6890844

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170.5112619	168.9186365	0.678833333	171.9564125	172.0700614	165.9436101
166.9979092	162.1333335	0.615	167.84108	163.6557982	160.4884357
165.191597	159.0793407	0.701833333	165.7331335	159.9661432	156.3129196
164.2843075	157.6467367	0.7875	164.0232021	157.2464943	154.4284828
161.9139741	154.2020639	0.724666667	159.2482523	150.8048199	150.4837606
162.3217707	154.7651523	0.714833333	162.5631206	155.1040623	153.2098742
164.6997312	158.294547	0.674166667	161.5900434	153.7632235	153.2665309
168.9411343	165.7401991	0.7245	166.7017166	161.6134802	161.6086225
168.067632	164.0758413	0.7145	167.6183066	163.2473352	162.8261944
168.4732726	164.8398021	0.664166667	166.6955309	161.602705	161.5437899
165.9676852	160.3577747	0.6375	165.7018785	159.9143032	157.4264454
164.5547464	158.0669099	0.671833333	164.3598423	157.7635144	155.6440753
165.2382274	159.1547555	0.715666667	165.2989298	159.2531941	155.532633
168.9414359	165.7407863	0.797333333	169.122704	166.0952766	162.0638957
167.7693734	163.5238288	0.739	168.1913653	164.3072496	159.5697347
158.6062108	150.056859	0.6445	160.6749307	152.5630573	147.3671406
153.2674544	144.7972483	0.5845	157.1977925	148.5065413	142.9014188
155.5672096	146.8607984	0.498666667	159.7310167	151.3847296	144.2185434
165.2380796	159.1545162	0.529166667	167.1434052	162.391516	154.4958307
179.1593364	191.6629502	0.465932203	177.1015744	185.3206083	185.5645059
192.3201007	163.3598167	0.3565	190.673958	166.4967237	161.6360927
262.6818166	173.7388776	0.201833333	245.6085972	146.9006529	160.8385801
319.546104	194.4543648	0.2045	311.1032238	137.8186223	180.2954292
357.0876047	194.4543648	0.060833333	343.1358585	194.4543648	189.1762744
44.07269959	137.5180101	0.093833333	70.66490373	152.5502257	142.0215772
58.09220382	141.1694459	0.130666667	74.32980888	157.7170288	144.1770537
93.28451598	184.2031706	0.301166667	100.2060144	167.4360377	179.7359332
91.06466537	190.9395106	0.3975	99.56853299	168.7510945	180.1235742
92.44492853	186.6614742	0.419166667	100.797759	166.2518252	179.264086
100.8048375	166.2378681	0.5115	108.6621959	153.4266199	168.3093473
102.5230655	162.9904559	0.7475	108.2461187	153.9842527	167.6960718
84.19512453	177.4197515	1.121666667	86.80721562	184.4666836	182.5653606
88.36058566	189.1211586	1.161166667	94.02345532	182.1244906	185.6741739
95.06154529	179.3319678	0.773166667	101.9768256	163.9930415	177.5075223
90.62966436	192.3521275	0.618666667	101.6470885	164.6115181	182.6282827
83.66432212	176.0970157	0.717	93.47221047	183.6677925	178.3034096
81.89600933	171.933785	0.729833333	89.67268035	193.3529382	177.8864481
82.05666508	172.2971433	0.7065	93.76581109	182.8404615	173.2808249
78.91893343	165.6970013	0.6205	95.75215136	177.5530579	166.9243485
83.60545246	175.9524566	0.589666667	105.2346407	158.3981376	163.3668463
82.15664448	172.5247307	0.503	104.448468	159.6660681	158.3000416
58.67227246	141.5098775	0.461666667	83.15607315	174.8627984	149.342933
55.23690541	139.7242224	0.6745	68.08687755	149.4709278	142.5424853
54.6532037	139.4748588	0.983166667	67.8810539	149.2433588	142.4998159
61.9718499	143.7610397	0.904	75.56114924	159.6818911	149.0247076
67.28301796	148.5968975	0.899666667	76.53730192	161.3282058	153.1833329
69.68971019	151.334516	1.093166667	73.73032021	156.8038182	154.9610185
70.78465556	152.7039202	1.1145	75.28679829	159.233497	157.3952003
79.05594096	165.9643443	0.842166667	82.33496893	172.9334643	171.9880225
86.95090914	184.8819385	0.9775	88.2773075	188.8621273	187.7591131
92.75593738	185.7385739	1.466	96.07213195	176.7493898	182.3958328

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9/15/2019	2018	0.986666667	96.7733588
9/15/2019	2019	0.762666667	83.78994894
9/15/2019	2020	0.583166667	75.78676035
9/15/2019	2021	0.445833333	59.90569834
9/15/2019	2022	0.524833333	62.67557968
9/15/2019	2023	0.346666667	58.38949717
9/15/2019	2024	0.336833333	36.38210275
9/15/2019	2025	0.330166667	31.06054126
9/15/2019	2026	0.446166667	26.13881331
9/15/2019	2027	0.4215	14.55997038
9/15/2019	2028	0.387288136	8.682591621
9/15/2019	2029	0.333166667	1.552628341
9/15/2019	2030	0.236666667	359.7738667
9/15/2019	2031	0.219333333	20.66622164
9/15/2019	2032	0.205666667	19.25496758
9/15/2019	2033	0.213666667	33.54234298
9/15/2019	2034	0.2725	26.45742165
9/15/2019	2035	0.300666667	37.02128679
9/15/2019	2036	0.368833333	41.08409635
9/15/2019	2037	0.433666667	41.53502242
9/15/2019	2038	0.493333333	39.24365959
9/15/2019	2039	0.420166667	37.82412974
9/15/2019	2040	0.390166667	40.38018576
9/15/2019	2041	0.376333333	40.42085011
9/15/2019	2042	0.3425	43.87301942
9/15/2019	2043	0.312166667	48.56608361
9/15/2019	2044	0.3225	55.52427071
9/15/2019	2045	0.269833333	63.93956264
9/15/2019	2046	0.116666667	53.71563558
9/15/2019	2047	0.07	0.075474862
9/15/2019	2048	0.0615	355.95532
9/15/2019	2049	0.0835	344.6774379
9/15/2019	2050	0.145833333	358.9845234
9/15/2019	2051	0.212666667	26.38481412
9/15/2019	2052	0.2785	23.13879517
9/15/2019	2053	0.289333333	1.806624218
9/15/2019	2054	0.336333333	341.4026787
9/15/2019	2055	0.317	336.7007924
9/15/2019	2056	0.316	329.1894132
9/15/2019	2057	0.330333333	323.9757441
9/15/2019	2058	0.381833333	310.9417557
9/15/2019	2059	0.485	300.0076705
9/15/2019	2100	0.512666667	289.7471425
9/15/2019	2101	0.645166667	290.3404499
9/15/2019	2102	0.688	279.4475019
9/15/2019	2103	0.815423729	278.0047909
9/15/2019	2104	1.014666667	271.3305201
9/15/2019	2105	1.205666667	275.3590578
9/15/2019	2106	0.949833333	285.3998502
9/15/2019	2107	0.792833333	295.2456197
9/15/2019	2108	0.727833333	283.6483008

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176.4069215	0.777833333	89.47766069	192.7055888
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142.2879171	0.5515	67.95070979	149.3200806
144.3128694	0.6735	70.20615157	151.9704208
141.3419072	0.503166667	68.45673359	149.8864801
139.0701545	0.422333333	57.08648393	140.6171074
141.6721295	0.430166667	52.47017399	138.6769969
145.3020564	0.471833333	43.68608462	137.5361624
159.4831736	0.481666667	35.59610245	139.3730273
170.648809	0.427	31.65982647	141.3130018
189.3922843	0.344666667	17.59853541	154.8765929
194.4543648	0.258333333	24.55018544	146.7482858
150.9064518	0.262333333	43.36626812	137.555916
152.6529581	0.222372881	41.96927562	137.692587
140.2958472	0.259666667	44.6828037	137.5021071
145.0287936	0.310833333	41.38326902	137.7743983
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137.821764	0.3865	47.80385866	137.6648061
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138.196868	0.569333333	58.43861166	141.3708059
138.5854851	0.547333333	59.88318359	142.2730464
137.948182	0.500666667	60.66341763	142.8030893
137.9403059	0.5035	61.40843219	143.337803
137.526603	0.467833333	61.28337344	143.246073
137.7667547	0.437833333	61.27448156	143.2395813
139.852654	0.4255	63.35011473	144.8663869
145.370125	0.328666667	66.07041767	147.3520652
139.1063202	0.149333333	51.94138001	138.5152729
194.1987184	0.1035	10.3377807	167.1693411
194.4543648	0.094333333	6.30527328	176.1718425
194.4543648	0.118333333	359.5372291	194.4543648
194.4543648	0.1845	12.12030764	163.7270552
145.0905823	0.26	29.84049168	142.4572936
148.1539598	0.2895	23.00477047	148.2935391
188.6021827	0.289166667	1.384728934	189.9202667
194.4543648	0.331333333	350.8115357	194.4543648
194.4543648	0.303666667	340.614259	194.4543648
194.4543648	0.3615	323.0668822	194.4543648
194.4543648	0.439333333	307.1079971	138.814765
137.8456309	0.547666667	306.5053499	139.0251531
142.3453699	0.653333333	294.4095548	146.8831612
152.0288045	0.707833333	290.3921704	151.2353096
151.2979229	0.7685	291.5776736	149.8474608
169.0054773	0.905166667	281.6813424	164.5467983
172.157806	1.1115	282.1259972	163.7165468
190.091712	1.548666667	276.6045044	175.4403229
178.5580813	1.638166667	278.6620189	170.6938705
158.1380174	1.109322034	287.6903543	154.7482375
146.0978312	0.845	297.3478281	144.2940957
161.008966	0.878166667	286.4429386	156.5450393

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73.54184894	156.5224272	0.810338983	78.03283296	164.0110145	162.1568538
59.61639008	142.0987381	0.773666667	68.93752763	150.4395462	146.0365705
61.2367666	143.2120916	0.885666667	69.39717398	150.9820915	147.6193683
58.04482746	141.1423523	0.762333333	68.57962832	150.0264564	145.599299
50.26441184	138.0824483	0.645666667	65.96576068	147.2486851	141.2545988
46.60726315	137.5541183	0.626833333	65.46068814	146.758674	141.1654797
37.33100297	138.7409609	0.561333333	55.64333018	139.9069659	140.3715364
31.48127699	141.4181913	0.569333333	54.51170775	139.4167213	144.9227784
33.37367841	140.3802129	0.462333333	53.14206519	138.9001209	147.8105362
22.52389005	148.8032406	0.4225	47.87903425	137.6737714	157.6864723
26.66876566	144.8505626	0.3395	49.78113182	137.980121	156.0083335
38.49087659	138.3921008	0.334833333	53.0545897	138.8699494	141.4311045
43.19090448	137.5685695	0.276666667	58.62875267	141.4837761	142.3494727
42.61082417	137.6196295	0.278166667	60.31663469	142.5637552	139.4953348
40.93687777	137.846464	0.282	56.05272711	140.0986658	140.1870804
48.18881559	137.7132294	0.314166667	62.7927506	144.4072798	139.7211841
46.433087	137.5430215	0.405166667	55.71105216	139.9381474	138.2419348
44.96789843	137.5000216	0.462666667	54.72172497	139.503336	138.1502197
53.67811975	139.0923883	0.541833333	57.81079635	141.0100807	139.9175357
52.18225908	138.5874316	0.514666667	52.44435771	138.6688182	139.5286953
52.56112179	138.7060414	0.445833333	48.25943973	137.7227919	139.2950261
52.72192227	138.7582792	0.523833333	44.19172433	137.513683	139.3875178
42.89772205	137.5926086	0.47	44.65056736	137.5025572	138.9669605
47.11129278	137.593405	0.394666667	50.24621702	138.0784151	139.169539
49.17359358	137.8656023	0.375666667	45.62082869	137.5080722	140.0231788
39.19539508	138.2086533	0.353166667	38.41762555	138.412404	142.3358119
12.69301353	162.6840296	0.263	22.36572067	148.9739541	147.3198942
3.033532079	184.9270834	0.284166667	10.60637058	166.631056	178.2315497
4.64122397	180.4451455	0.285	9.155802229	169.6248535	180.1740516
357.9821079	194.4543648	0.2595	5.731794542	177.6046215	190.241929
359.9966606	194.4543648	0.295	10.30235228	167.2408782	179.9691657
15.00502614	158.7632838	0.3705	19.49573715	152.3455816	149.6641853
10.55451567	166.7344238	0.422	19.443607	152.4117999	153.8984306
354.447679	194.4543648	0.436	6.3037025	176.1757113	187.2881314
340.8173003	194.4543648	0.4365	349.3284244	194.4543648	194.4543648
327.8355098	194.4543648	0.357457627	343.136335	194.4543648	194.4543648
317.1349564	194.4543648	0.339666667	327.8109764	194.4543648	194.4543648
307.5831613	138.6601322	0.443833333	307.7861968	138.5970681	152.6315825
302.1027137	141.0586608	0.634666667	302.3148975	140.9401123	139.7173893
293.2909678	147.9967792	0.802833333	293.8454421	147.435641	146.1652378
297.0974269	144.4964305	0.796833333	297.9427928	143.8265924	147.8967842
294.4282249	146.8651899	0.875333333	293.477274	147.8062132	148.9541967
283.2067773	161.7732669	1.174166667	285.8332097	157.4659407	163.1978708
283.0795364	161.9966665	1.340166667	285.6058441	157.8167113	163.9219327
275.0423634	179.3822599	1.815833333	278.0736639	172.0021549	179.2291124
277.9806022	172.2125978	1.877	280.1630144	167.5234463	172.246999
289.1141317	152.8345836	1.294333333	292.2457396	149.1044708	153.7063273
301.4440391	141.4403223	1.048833333	302.3322279	140.9305239	143.1906933
289.354547	152.5253539	1.007833333	290.879846	150.6534818	155.1832103

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9/15/2019	2110	0.6075	283.0238265
9/15/2019	2111	0.479833333	293.6295615
9/15/2019	2112	0.521833333	294.4595257
9/15/2019	2113	0.570833333	289.3647841
9/15/2019	2114	0.662	278.9889204
9/15/2019	2115	0.7785	284.1396599
9/15/2019	2116	0.7165	290.3512766
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9/15/2019	2121	0.486166667	284.0972047
9/15/2019	2122	0.380666667	284.7653887
9/15/2019	2123	0.238833333	275.1699749
9/15/2019	2124	0.170166667	271.5977337
9/15/2019	2125	0.3145	49.90236711
9/15/2019	2126	0.373833333	83.92163423
9/15/2019	2127	0.464	91.58939145
9/15/2019	2128	0.360666667	110.0292938
9/15/2019	2129	0.535166667	81.2028626
9/15/2019	2130	0.397833333	96.0906123
9/15/2019	2131	0.429333333	113.442531
9/15/2019	2132	0.5245	92.10702989
9/15/2019	2133	0.512	87.25388477
9/15/2019	2134	0.625166667	65.25124172
9/15/2019	2135	0.413833333	70.35690278
9/15/2019	2136	0.4955	74.18160579
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9/15/2019	2156	0.799166667	105.4331546
9/15/2019	2157	0.681	102.4485743
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146.8351056	0.555833333	294.6232236	146.6786828
152.512274	0.692	291.6726785	149.7401066
169.9832319	0.8975	284.2614378	159.9751555
160.1779694	0.974166667	286.5070225	156.4499022
151.2848015	0.865666667	291.3607168	150.0947463
146.4546223	0.731833333	294.9235299	146.3956894
142.2665784	0.767666667	299.0633852	142.9958986
143.2466278	0.696166667	297.9400088	143.8287369
152.9656644	0.68	290.871836	150.662914
160.2489674	0.649166667	288.4165448	153.7543752
159.148901	0.5085	287.9957037	154.3257543
179.0485867	0.3675	282.48404	163.0611869
189.2512208	0.292	279.6187818	168.6459275
138.004854	0.352	53.60865389	139.0667561
176.7338597	0.448	81.17871336	170.346211
189.2772858	0.5455	95.08747102	179.2640709
151.6783219	0.531	108.7914414	153.2558664
170.3987497	0.657833333	81.46090792	170.9640793
176.7033645	0.510166667	94.66075684	180.3928931
147.8415949	0.563833333	105.6099702	157.8103098
187.6809208	0.606833333	93.51212546	183.554594
185.7674974	0.570166667	86.33099726	183.1118998
146.5597625	0.7355	68.27445149	149.6806089
152.159389	0.599666667	70.58411076	152.4470832
157.4886745	0.6435	78.69844507	165.2705453
165.5395214	0.568	81.90004165	171.9428697
175.7296141	0.478	88.93293851	190.9318173
180.2964531	0.495166667	91.15407962	190.6530716
188.1565706	0.505833333	95.13834322	179.1310974
194.3382369	0.554576271	96.92675448	174.6645981
179.2735132	0.573333333	89.98489911	194.4031346
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189.4921979	0.651166667	98.7673178	170.4637113
181.0162842	0.623166667	92.84802308	185.4681094
192.2650724	0.7015	97.29478205	173.7937179
184.9821447	0.739166667	99.60812027	168.6682194
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156.188326	1.007166667	112.4657713	148.8657914
148.7367562	1.066666667	115.5861626	145.7892238
152.8870001	1.1075	113.7023854	147.5786872
148.6844953	0.969833333	116.8975364	144.6603438
158.0858425	1.000833333	110.994554	150.5188588
163.1255851	0.898166667	108.7047156	153.3703166
169.9234731	0.809333333	106.8004343	156.0182715
144.3198424	0.694166667	118.7386249	143.2300201

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286.5466568	156.391218	0.922666667	288.8755641	153.1453495	157.4733713
297.4827652	144.1864364	0.754	298.6308428	143.3089088	145.9857572
300.8560467	141.7986479	0.775166667	301.4621793	141.429533	144.1854923
296.1385706	145.3022667	0.97	296.826009	144.719516	148.0685408
287.271826	155.3382804	1.082333333	289.279679	152.6212292	159.4794742
287.7217868	154.7044376	1.2145	288.7503101	153.3100814	156.1605977
292.4725349	148.8585014	1.056833333	291.5831442	149.8412637	150.0198282
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304.9350937	139.6491434	0.923666667	305.1735529	139.5472663	141.1147217
303.4311227	140.3513314	0.8725	303.2975105	140.4187442	141.9613601
294.7710333	146.5387547	0.911666667	296.051975	145.3774946	148.8862069
293.515829	147.767033	0.836	294.3789439	146.9126696	152.1707613
296.1342088	145.3060461	0.670833333	299.5130807	142.6805245	150.3653065
294.4647872	146.8300541	0.502	301.3591046	141.4910496	157.6077193
292.1570956	149.2014662	0.3855	301.1500319	141.6174008	162.1790038
45.09489244	137.5001886	0.275666667	28.44839399	143.4438042	139.5039007
75.58876873	159.7273749	0.428	75.07695111	158.8946759	166.4255304
85.22399843	180.0856423	0.582166667	83.24231091	175.0700266	180.9242564
94.90553918	179.7423991	0.589	91.61734786	189.1899811	168.4666421
73.16053024	155.9613346	0.672166667	74.26636139	157.6190575	163.7358053
82.21227273	172.6518481	0.561016949	80.28827715	168.4520947	174.5500501
86.46873882	183.5004064	0.529833333	81.9262224	172.0018982	165.2885523
79.60974466	167.0636139	0.613833333	73.18636677	155.9990068	173.5745339
70.29899507	152.086621	0.570333333	59.51481178	142.0332935	165.7498279
56.49558698	140.3147049	0.729833333	51.26588359	138.326345	143.7203553
67.03997157	148.3403749	0.675	64.49231671	145.8597711	149.7016545
73.90443415	157.0661868	0.7105	74.52693388	158.0234325	159.4622098
80.8689318	169.6777836	0.725833333	86.18983305	182.7165361	172.4691777
82.63739103	173.6349429	0.708	83.42922069	175.5222264	178.9546502
84.59252584	178.4332269	0.774	86.16468065	182.6463862	183.0072844
88.00434338	188.0208177	0.837	88.38016428	189.1822179	186.1226759
89.05326349	191.3193289	0.883666667	88.55896067	189.7426816	187.5162114
82.14392458	172.4957133	0.863333333	82.62681054	173.6102233	179.9456461
89.77593524	193.698358	1.025833333	91.56298474	189.3598665	187.1411329
91.49581171	189.5704408	1.043166667	92.27421095	187.1743307	184.1751702
88.25336441	188.7878589	1.124	92.06235157	187.8170404	185.7723232
94.12822892	181.8359843	1.192	97.96459744	172.2488874	180.0359155
93.63804675	183.1989771	1.21	96.61093209	175.4247284	178.0685174
95.35487802	178.5688741	1.3435	99.97212042	167.9137364	174.884656
98.60771414	170.8130369	1.419333333	102.6517416	162.7582076	167.0364051
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112.1045304	149.2592123	1.365166667	112.5464487	148.779017	148.1410523
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113.554412	147.727912	1.212166667	115.1795961	146.1584128	146.807791
104.2264676	160.0332697	1.273666667	107.9784869	154.3493977	155.7468422
105.0389034	158.709144	1.1505	109.4928216	152.3492802	156.8885815
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9/15/2019	2210	0.199166667	38.71763368
9/15/2019	2211	0.163333333	51.52236089
9/15/2019	2212	0.153898305	67.06237973
9/15/2019	2213	0.158	70.26051276
9/15/2019	2214	0.153333333	70.94651695
9/15/2019	2215	0.193666667	77.42718175
9/15/2019	2216	0.132666667	72.68024734
9/15/2019	2217	0.132166667	68.27379906
9/15/2019	2218	0.184	47.83881993
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9/15/2019	2220	0.202166667	55.53200973
9/15/2019	2221	0.208	54.2774145
9/15/2019	2222	0.196	62.43470449
9/15/2019	2223	0.201166667	66.81882261
9/15/2019	2224	0.184166667	67.88647611
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9/15/2019	2228	0.2055	35.39440226
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9/15/2019	2231	0.246	35.41518333
9/15/2019	2232	0.2195	36.25268874
9/15/2019	2233	0.275666667	6.403626702
9/15/2019	2234	0.324	334.5249605
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9/15/2019	2236	0.560333333	308.0603687
9/15/2019	2237	0.474666667	308.8691639
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9/15/2019	2239	0.186333333	352.5047135
9/15/2019	2240	0.149	0.789571689
9/15/2019	2241	0.141	348.246784
9/15/2019	2242	0.148833333	328.8891167
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9/15/2019	2244	0.161	321.6782254
9/15/2019	2245	0.110833333	344.0094069
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194.4543648	0.393333333	349.3127072	194.4543648
137.5580649	0.547	325.6857917	194.4543648
138.5147583	0.717666667	318.4250952	194.4543648
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194.4543648	0.371166667	335.2882791	194.4543648
194.4543648	0.277166667	356.6403373	194.4543648
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126.7643582	138.9327699	0.884333333	125.852468	139.271215	138.3520668
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124.1549689	140.0004534	1.003728814	125.4228549	139.4434963	138.7614007
123.6031507	140.2657542	0.889333333	125.0969408	139.5797176	139.5145309
121.7255581	141.2746619	0.864333333	126.5628737	139.0043795	140.2434282
117.3350979	144.3043021	0.705	123.4433149	140.3452212	151.2056084
107.5112563	154.9991689	0.595833333	114.6431731	146.6597245	158.9564688
84.14000742	177.280769	0.513833333	110.3272689	151.313908	153.6616609
78.67672668	165.2287898	0.5835	104.6888006	159.2731277	151.1607734
83.0209212	174.5398092	0.492	106.8633375	155.9265775	155.7103828
96.87933686	174.7779652	0.524666667	110.7580594	150.7973383	161.0400879
99.61648919	168.65072	0.547333333	108.6037555	153.5042105	162.6506263
98.84240544	170.3003166	0.537833333	110.5178798	151.0838531	164.4580111
101.5603723	164.7758523	0.533166667	109.3789987	152.4941237	167.5573662
106.6859432	156.1859255	0.4385	116.0205343	145.4049095	160.4225582
107.8306752	154.5532566	0.395166667	121.7251867	141.2748779	156.7198965
86.44505069	183.4334	0.398833333	109.2791713	152.6218806	155.5728661
87.259223	185.7832231	0.434333333	108.8458237	153.1843652	157.3082331
88.44705137	189.3912814	0.4055	113.1240624	148.1692506	157.6167286
86.6002844	183.8739731	0.4435	105.6770227	157.7064648	158.8486271
93.95901611	182.3026898	0.469333333	104.4329768	159.6915591	163.4471248
92.45355592	186.635675	0.488333333	100.8743237	166.1011156	168.935129
89.73996955	193.5778302	0.4835	102.6813565	162.7049653	173.6404765
86.42430432	183.3747809	0.469666667	106.6814039	156.192593	168.749546
83.90217251	176.6854066	0.417166667	95.81507972	177.3939918	165.688648
68.99030081	150.5011473	0.275166667	85.06797963	179.6725044	154.9207389
53.51921358	139.0340684	0.297	85.43257762	180.6430354	149.2573531
50.02950182	138.031464	0.274	82.75747259	173.9164045	148.215653
56.58213836	140.3579852	0.279166667	73.78442794	156.8851029	143.5465515
51.39012788	138.359613	0.342	64.94099184	146.2696924	140.4069604
51.14882258	138.2956099	0.407666667	66.69770835	147.9851378	140.7254304
30.46715448	142.0448752	0.431666667	48.92457175	137.8231929	150.8097925
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323.562564	194.4543648	0.889166667	322.3894393	194.4543648	180.4694632
317.2898443	194.4543648	0.867666667	320.5521884	194.4543648	180.4135086
332.7856751	194.4543648	0.535254237	341.3421092	194.4543648	194.4543648
352.8123618	194.4543648	0.390833333	2.323572696	187.0255819	192.5971691
4.81282988	179.9878293	0.2135	21.64133022	149.7754672	177.2089143
356.0116759	194.4543648	0.154833333	4.735858372	180.1924654	190.88889
344.0615991	194.4543648	0.211666667	354.9573131	194.4543648	194.4543648
322.6756757	194.4543648	0.2385	322.2745281	194.4543648	180.3199199
318.2434076	194.4543648	0.207333333	317.7649876	194.4543648	194.4543648
325.3769214	194.4543648	0.145833333	321.2009027	194.4543648	194.4543648
298.1377977	143.6773876	0.1895	294.2866386	147.0019762	169.8970234
275.0434678	179.3793632	0.223666667	282.6576307	162.7476139	175.467698
242.6285208	144.2751562	0.253333333	256.1600855	160.6824753	146.2293168
233.9589382	139.1981904	0.3415	241.5142454	143.4160421	141.1119279
224.3991143	137.5075619	0.396166667	230.8435401	138.2182335	139.2813299

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9/15/2019	2251	0.299333333	212.5562098
9/15/2019	2252	0.286833333	200.1579108
9/15/2019	2253	0.297	185.4566282
9/15/2019	2254	0.371	173.9314629
9/15/2019	2255	0.420666667	163.2951459
9/15/2019	2256	0.481666667	151.4158528
9/15/2019	2257	0.482833333	144.7513643
9/15/2019	2258	0.466666667	136.9071482
9/15/2019	2259	0.447	127.2624348
9/15/2019	2300	0.382333333	125.7676307
9/15/2019	2301	0.302333333	119.635396
9/15/2019	2302	0.317666667	107.0668309
9/15/2019	2303	0.276166667	96.56110587
9/15/2019	2304	0.214833333	94.18912496
9/15/2019	2305	0.192833333	86.35481701
9/15/2019	2306	0.200333333	93.59048352
9/15/2019	2307	0.230666667	96.89416825
9/15/2019	2308	0.308333333	105.6601302
9/15/2019	2309	0.394	87.03808982
9/15/2019	2310	0.385333333	72.86922751
9/15/2019	2311	0.353	79.17687653
9/15/2019	2312	0.325166667	83.99750186
9/15/2019	2313	0.272666667	87.88568757
9/15/2019	2314	0.2255	101.7967562
9/15/2019	2315	0.212	125.0443529
9/15/2019	2316	0.239166667	134.7018863
9/15/2019	2317	0.238333333	153.6964915
9/15/2019	2318	0.253833333	167.0206628
9/15/2019	2319	0.292833333	171.1225732
9/15/2019	2320	0.293	169.7408814
9/15/2019	2321	0.308135593	160.0110756
9/15/2019	2322	0.316166667	150.4361983
9/15/2019	2323	0.327833333	145.4628127
9/15/2019	2324	0.3195	151.4687091
9/15/2019	2325	0.285	172.3326569
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9/15/2019	2330	0.196333333	138.3607866
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9/15/2019	2337	0.175833333	125.0426677
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9/15/2019	2341	0.054333333	232.5735756

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138.7634215	0.6385	144.3839634	139.3650053
139.3045818	0.5745	140.5518765	138.1480511
142.5965025	0.4775	128.9960908	138.2583802
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181.6689984	0.320833333	117.7184409	144.0007012
183.1788912	0.281333333	112.2026712	149.1515365
183.3330353	0.353166667	127.9650981	138.542989
174.7424773	0.3505	119.460212	142.7170737
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176.9231938	0.324833333	89.94803611	194.2782458
187.6587629	0.307166667	98.43312214	171.1983358
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137.5018612	0.340166667	140.5366015	138.1444761
145.1601124	0.3245	156.2071164	147.4880566
162.1735868	0.3475	164.8027004	158.4572319
170.2243154	0.367833333	170.2701136	168.4143175
167.3283454	0.396833333	169.6416208	167.127806
151.7281434	0.409833333	163.1158047	155.8962383
142.6455918	0.428833333	155.9733995	147.2562092
139.8248711	0.439833333	152.0153429	143.7943941
143.3823018	0.421186441	155.8333365	147.1187873
172.9281419	0.3685	169.5963439	167.0366577
154.4463757	0.3395	188.345438	171.3930996
174.9475252	0.234	180.3573504	193.2528249
167.2711697	0.168333333	179.8847962	194.0645544
189.8269055	0.215333333	171.486774	171.0211455
137.7368821	0.287333333	149.2597395	141.8711856
138.2136296	0.3405	138.9647799	137.8298625
142.7113617	0.405	129.6571421	138.0999996
146.4615812	0.439166667	125.7131076	139.3261957
188.7606788	0.3395	106.9721254	155.7686945
147.9750613	0.3015	75.13825659	158.9932906
180.2205242	0.237	106.7943454	156.0271629
139.6028667	0.2125	124.2838509	139.9405027
151.0147324	0.147833333	192.827656	162.443091
145.5482766	0.223	198.9715508	153.0198433
144.7415434	0.158	232.6142264	138.7231678
138.7100467	0.044666667	211.38787	141.4738305

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226.5026159	137.5472986	0.494166667	228.1024063	137.701816	138.6327788
220.6305774	137.9008013	0.467833333	228.6610092	137.7811697	142.1660372
205.0836646	146.2468727	0.358166667	217.1665059	138.7951903	156.1261035
182.630219	186.1098746	0.353666667	200.3372173	151.3018421	175.9042164
176.2107426	182.7749206	0.476333333	188.2863097	171.5249125	170.0368919
163.5000632	156.4604061	0.5795	178.8105614	190.5401637	160.963324
160.6112483	152.4816784	0.565833333	172.8642253	174.1680349	153.7092585
154.2489134	145.6420808	0.617333333	156.2407114	147.5216448	143.7242516
144.3767218	139.3620955	0.641833333	151.1262005	143.1319202	140.1556106
142.4099916	138.6579761	0.696833333	149.9087711	142.2899485	139.6001394
139.5022812	137.9256096	0.708833333	148.885782	141.6392565	140.1049372
130.807144	137.8689924	0.692166667	142.6145971	138.7232878	143.562638
126.6160714	138.9852983	0.663666667	136.6749525	137.5587742	149.5702396
124.0411443	140.0540322	0.656666667	131.1396863	137.8126762	150.884102
120.493833	142.0277473	0.556666667	129.6067092	138.1114223	153.1173993
127.3664395	138.7294338	0.535333333	129.9289849	138.0403024	149.6614401
122.6977067	140.7316134	0.611333333	127.355721	138.7329146	149.2310198
120.5815968	141.971648	0.724333333	125.8870995	139.2576867	144.7650738
102.9156106	162.2865675	0.722333333	114.8501847	146.4643341	163.7752978
85.41123079	180.5857211	0.549833333	102.3059242	163.3857547	167.2593507
89.64130449	193.2483444	0.542666667	110.473368	151.1373637	175.1440077
95.18856457	179.0001569	0.492833333	109.5883824	152.2283517	175.6074871
108.5636183	153.5576381	0.520508475	124.97373	139.6324625	163.0117998
121.0882918	141.6551169	0.593666667	133.6585751	137.5376929	147.7735999
137.0166507	137.5852144	0.670833333	143.7602406	139.122966	138.6368306
145.1804751	139.6994425	0.667333333	145.0415319	139.6390436	138.7462059
148.1900217	141.2257243	0.633833333	149.3767339	141.9451447	143.9547595
152.4727184	144.1511296	0.635	158.4310216	149.8573146	153.6598157
165.3111015	159.2729686	0.634	165.6717504	159.864409	164.4440026
168.0208388	163.9886966	0.7205	166.5475997	161.3460049	164.9477132
162.3368877	154.786256	0.906833333	162.5802151	155.1282276	154.3847163
157.3692264	148.6887426	0.955666667	158.7022991	150.1671283	147.189418
152.5428899	144.2068313	0.930833333	155.4771834	146.7744459	143.6501356
155.7800419	147.0667957	0.951666667	158.415664	149.8399139	146.8519497
165.9553651	160.3370892	0.932666667	164.1130908	157.3836842	164.4213932
177.453336	186.3579678	0.797666667	170.0478407	167.9547605	170.0380509
170.4742884	168.8409226	0.691166667	166.9424961	162.0354933	174.7691915
168.7837279	165.4349435	0.552166667	165.219813	159.1249531	171.4739052
169.4064542	166.6565964	0.654833333	168.4638618	164.8219041	173.0816379
156.2293057	147.5102341	0.735666667	160.2212491	151.9892772	144.7768948
148.3061637	141.2931388	0.713166667	152.3239598	144.033902	140.3426332
140.287224	138.0875251	0.768833333	143.5343893	139.0395897	139.484619
134.4984864	137.5052675	0.872	139.9443652	138.0135682	140.3266531
125.2239772	139.526052	0.735666667	137.9266145	137.6795688	155.4337485
80.54024865	168.9796623	0.3105	114.4211908	146.8719584	155.7049931
117.7038843	144.0120888	0.3235	131.7575607	137.7204708	154.4950616
146.9685335	140.5554453	0.3195	162.3775327	154.8430792	143.7354735
177.0931651	185.2960355	0.288666667	175.493308	180.8064275	169.8900716
191.8431481	164.2425593	0.358833333	189.4847565	168.9270138	157.9344232
212.0753924	141.0740805	0.206166667	197.1383813	155.529107	145.0169747
176.6320455	183.9645427	0.144833333	175.5424563	180.9390241	161.271861

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9/15/2019	2342	0.159833333	347.0931282
9/15/2019	2343	0.322333333	334.8571244
9/15/2019	2344	0.325833333	336.3665008
9/15/2019	2345	0.294166667	337.6140583
9/15/2019	2346	0.274166667	342.0942401
9/15/2019	2347	0.283	348.8870827
9/15/2019	2348	0.206833333	350.9983216
9/15/2019	2349	0.236	16.96540843
9/15/2019	2350	0.248333333	15.65371869
9/15/2019	2351	0.268166667	27.55122375
9/15/2019	2352	0.274166667	49.79053443
9/15/2019	2353	0.319	55.49363917
9/15/2019	2354	0.393666667	80.07769929
9/15/2019	2355	0.400508475	81.15035195
9/15/2019	2356	0.404166667	84.80838345
9/15/2019	2357	0.4015	87.07568478
9/15/2019	2358	0.372833333	91.43716295
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9/16/2019	0000	0.284833333	77.74533316
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9/16/2019	0002	0.246333333	83.5966321
9/16/2019	0003	0.288833333	96.35023079
9/16/2019	0004	0.314666667	100.988261
9/16/2019	0005	0.374833333	103.9267143
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9/16/2019	0014	0.3765	87.08292427
9/16/2019	0015	0.462166667	95.71403467
9/16/2019	0016	0.503166667	97.44372178
9/16/2019	0017	0.433166667	100.0730821
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9/16/2019	0019	0.393833333	98.82263932
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9/16/2019	0021	0.586833333	108.1576946
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9/16/2019	0025	0.623	87.12031941
9/16/2019	0026	0.621833333	112.3559533
9/16/2019	0027	0.588166667	121.6633373
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170.2845884	0.389666667	77.28165131	162.6385699
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334.3828537	194.4543648	0.138333333	316.9344046	194.4543648	194.4543648
331.0804063	194.4543648	0.101333333	304.3397537	139.914735	180.8194574
336.4925835	194.4543648	0.133833333	306.8194213	138.9135116	180.5691515
345.8195312	194.4543648	0.17220339	335.0406259	194.4543648	194.4543648
349.1073697	194.4543648	0.196333333	351.2592089	194.4543648	194.4543648
0.047374035	194.2937828	0.2355	1.036476349	191.0300893	174.0135087
3.914769613	182.4253841	0.219333333	1.642306874	189.1121429	171.2669768
19.42669845	152.4333174	0.266333333	22.12870658	149.2326322	147.0976744
33.91426164	140.1144581	0.289333333	39.02591229	138.250831	138.4692671
39.99533232	138.0262119	0.274833333	45.26687726	137.5014916	138.5329772
50.0222197	138.0299212	0.338	54.73317806	139.5081165	148.9922163
66.21753659	147.4984676	0.339	68.2276578	149.628095	157.5124302
73.54747004	156.5307805	0.326166667	81.33744724	170.6927005	168.0747854
75.17405408	159.0510146	0.363166667	83.82964588	176.5052525	174.8279153
78.16257436	164.2532776	0.323833333	85.3203126	180.3423008	179.8420348
71.49458538	153.6353147	0.295666667	86.61398326	183.9130187	172.8825344
69.93269831	151.6315136	0.317	90.23178128	193.6724794	166.0693219
75.94609363	160.3215308	0.366666667	106.9104594	155.8580816	160.8419379
81.83334559	171.792838	0.361166667	103.2912261	161.6257776	169.9019972
88.16837134	188.524958	0.368	102.4944688	163.0422722	175.249582
92.92838794	185.2331034	0.362666667	105.042965	158.7026594	169.3823525
92.3189007	187.0396446	0.411833333	100.5571205	166.7292251	170.1891178
92.01344003	187.9664148	0.362333333	94.80612417	180.0056257	175.8788526
70.67186045	152.5591276	0.347833333	88.11165614	188.3501636	172.5078274
65.73371973	147.0217392	0.337	81.80101081	171.7202794	154.7965535
61.64715965	143.5151352	0.2735	77.55588437	163.1336891	154.5631049
53.47152221	139.0167833	0.283666667	63.59608349	145.0742986	143.322858
49.33991708	137.8953937	0.342833333	55.81320419	139.9855781	139.2494276
54.55441064	139.4341722	0.304666667	58.18531814	141.2230078	142.054935
70.20947531	151.9745708	0.289833333	72.81406959	155.460961	155.5028739
81.22004062	170.4361601	0.3655	84.79918639	178.9682702	181.9504591
90.25121897	193.6073382	0.479666667	93.34843929	184.0202643	180.7037259
97.42007961	173.5008278	0.532333333	96.26050716	176.2822197	171.7540776
100.0625163	167.7284601	0.4795	96.90461309	174.717501	167.7158598
91.65495935	189.0727226	0.411	94.15674927	181.7577135	180.5905738
93.10330748	184.7249038	0.382666667	92.86771115	185.4104479	176.4613732
102.9372446	162.2481724	0.551166667	100.7231289	166.3992763	161.1326057
108.7225031	153.3468002	0.679	105.0545943	158.6840994	154.4180801
105.1898654	158.4690102	0.700847458	105.4695916	158.0288606	154.0318924
115.1681315	146.1689573	0.7	111.8607086	149.5292986	147.9860486
84.50896409	178.2184501	0.538833333	96.17907863	176.4836248	181.4627375
80.94580174	169.8426961	0.607833333	96.82158876	174.9163914	179.760518
116.0345784	145.392657	0.594666667	110.7122425	150.8517057	149.2502241
125.3799253	139.4611662	0.6215	115.519746	145.8489054	141.5584178
123.8599505	140.1405489	0.5435	123.5990332	140.2677865	143.3921282
141.1688649	138.3008302	0.6555	138.5055117	137.7577556	138.1491376
154.6138312	145.9696794	0.843166667	151.4110535	143.3397342	141.8108901
164.3773308	157.7906155	0.8835	149.166152	141.8125043	148.0027878
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9/16/2019	0033	0.487333333	154.6313684
9/16/2019	0034	0.277333333	113.316093
9/16/2019	0035	0.237	111.4395194
9/16/2019	0036	0.124833333	94.00445632
9/16/2019	0037	0.118	72.18621839
9/16/2019	0038	0.109166667	120.5964042
9/16/2019	0039	0.103	79.7666565
9/16/2019	0040	0.028333333	142.3927927
9/16/2019	0041	0.0245	124.3987413
9/16/2019	0042	0.052333333	86.60497172
9/16/2019	0043	0.0955	129.1609484
9/16/2019	0044	0.1625	97.50614157
9/16/2019	0045	0.2125	95.79622012
9/16/2019	0046	0.280666667	119.2332207
9/16/2019	0047	0.326333333	138.8602074
9/16/2019	0048	0.309333333	132.175515
9/16/2019	0049	0.305833333	134.8417927
9/16/2019	0050	0.247666667	127.5830781
9/16/2019	0051	0.217833333	125.6189045
9/16/2019	0052	0.1615	161.7189809
9/16/2019	0053	0.115	156.6477412
9/16/2019	0054	0.121833333	207.8325966
9/16/2019	0055	0.0935	199.8839533
9/16/2019	0056	0.0725	221.2543249
9/16/2019	0057	0.0335	337.2993199
9/16/2019	0058	0.146166667	326.9546594
9/16/2019	0059	0.1855	335.2700213
9/16/2019	0100	0.169666667	329.6389291
9/16/2019	0101	0.1255	336.8408827
9/16/2019	0102	0.064833333	338.0139084
9/16/2019	0103	0.0325	351.666772
9/16/2019	0104	0.113220339	184.4823019
9/16/2019	0105	0.206	176.1583841
9/16/2019	0106	0.182666667	179.2041902
9/16/2019	0107	0.1635	179.9227931
9/16/2019	0108	0.144	176.6135696
9/16/2019	0109	0.143666667	174.6910807
9/16/2019	0110	0.121666667	189.871359
9/16/2019	0111	0.135666667	194.9444185
9/16/2019	0112	0.136	204.5663151
9/16/2019	0113	0.146166667	205.8772067
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9/16/2019	0115	0.147333333	193.9457389
9/16/2019	0116	0.150166667	177.309227
9/16/2019	0117	0.174833333	171.4990695
9/16/2019	0118	0.159333333	157.8662729
9/16/2019	0119	0.198666667	159.8013885
9/16/2019	0120	0.246833333	151.1654106
9/16/2019	0121	0.2515	152.0482396
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154.5766558	0.125666667	83.61404149	175.9735213
141.9622201	0.112666667	118.7132857	143.2485131
167.3805805	0.122333333	96.68512172	175.2450939
138.6525695	0.0505	134.5677747	137.5039125
139.8877001	0.024833333	183.5	183.5889575
183.8873302	0.048333333	91.89311626	188.3354784
138.2171258	0.1205	137.952069	137.6827095
173.3007039	0.1925	114.1880696	147.0978848
177.4416115	0.229666667	103.9851916	160.4370127
142.8755938	0.307666667	126.5818324	138.997565
137.8126589	0.372166667	144.1216094	139.2610836
137.6672422	0.341	135.7033023	137.5103595
137.5005242	0.360833333	144.4311571	139.384026
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153.9370108	0.1945	166.017908	160.4422311
147.93386	0.161333333	166.0541504	160.5033097
143.911782	0.14	192.7228804	162.6304446
151.8581989	0.116666667	189.0775035	169.7926321
137.7943484	0.0835	201.6789721	149.7330148
194.4543648	0.025166667	347.5007096	194.4543648
194.4543648	0.133166667	335.7876251	194.4543648
194.4543648	0.188833333	339.5771524	194.4543648
194.4543648	0.178833333	336.1230186	194.4543648
194.4543648	0.126333333	341.7286726	194.4543648
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194.4543648	0.034666667	351.879215	194.4543648
180.8721883	0.088833333	183.4775079	183.652756
182.628839	0.211333333	181.9002502	188.3135332
191.808823	0.19220339	181.605137	189.2280989
194.1928635	0.172333333	183.3859856	183.9131074
183.9118393	0.154333333	182.3014494	187.0922026
178.6876954	0.163666667	181.7592492	188.7487699
168.1212349	0.145666667	188.7734578	170.4503275
158.8603726	0.151833333	192.2995443	163.3974335
146.7328886	0.146833333	203.6070278	147.6747038
145.5305713	0.153833333	209.0691011	142.991826
143.3176652	0.183666667	208.1987861	143.6311283
160.5034963	0.176	199.3349253	152.5504445
185.9307355	0.180166667	185.7167163	177.6428482
171.0482977	0.190666667	176.1630065	182.6417201
149.227117	0.203	171.2646729	170.5335089
151.4705344	0.228833333	166.5697802	161.3843734
143.1602802	0.281166667	160.9441036	152.9100818
143.8196877	0.299	160.7008812	152.5962981
139.8013692	0.282333333	154.2348822	145.6296317
140.3110952	0.294166667	159.851384	151.5316921

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161.3402781	153.4298998	0.6595	146.9882904	140.5657285	148.683655
123.0688646	140.5360299	0.330166667	120.9902424	141.7153935	143.0822036
132.3565321	137.6464741	0.2855	129.8614015	138.0548488	142.006372
132.9841277	137.5851486	0.223833333	147.4507737	140.8116646	157.7837196
101.3463472	165.1844774	0.132666667	115.3754962	145.9793719	160.4285066
127.2144149	138.7792738	0.143	126.8414296	138.9058516	140.7239647
116.8583426	144.6927336	0.149	119.4574041	142.7190188	157.5093567
164.2270978	157.558587	0.078333333	159.0184454	150.5340728	146.0622854
167.4009851	162.853195	0.102	183.4739166	183.6629493	167.4982005
159.5167192	151.1254356	0.096	167.5962621	163.2071608	171.6388513
151.2852625	143.2474527	0.171333333	149.5233687	142.038787	140.2965187
125.6518036	139.3506564	0.196	130.235025	137.9768722	149.4315293
104.44232	159.6761824	0.270833333	114.2605412	147.0273148	161.1455303
131.5047235	137.7562503	0.321833333	124.5340043	139.8263058	139.8639287
145.0198856	139.6297126	0.417166667	132.528065	137.6280674	138.5828806
134.9367458	137.5000838	0.356333333	126.9159902	138.8800592	137.8894362
147.4262413	140.7983668	0.419833333	139.6938174	137.9626961	138.9114033
135.4670889	137.5045692	0.3715	130.1813425	137.9877096	137.9147298
138.3294664	137.7324814	0.421333333	133.9754729	137.5219853	138.0308789
156.1070918	147.3884425	0.234833333	143.5114468	139.0312466	150.1997328
159.7314138	151.3852129	0.194	140.5872497	138.1563684	149.4946877
190.6368959	166.5703303	0.159166667	188.2017989	171.7139799	161.2066342
188.3807066	171.3146596	0.126333333	192.7009597	162.6697653	163.908814
198.1762131	154.0791378	0.090508475	205.733327	145.6578535	146.8160886
240.6214876	142.7738303	0.025666667	304.0469269	140.0512959	167.933464
329.0688616	194.4543648	0.097833333	323.3278746	194.4543648	194.4543648
340.0066703	194.4543648	0.157166667	339.311888	194.4543648	194.4543648
334.2122091	194.4543648	0.205166667	341.1043704	194.4543648	194.4543648
342.7307304	194.4543648	0.179333333	346.485192	194.4543648	194.4543648
342.282863	194.4543648	0.1395	341.2203912	194.4543648	194.4543648
343.6547617	194.4543648	0.083666667	345.9637539	194.4543648	194.4543648
184.0933773	181.9317833	0.0535	355.1241181	194.4543648	185.2277731
170.064061	167.9881263	0.026166667		194.4543648	183.3462158
168.7364721	165.3437637	0.041666667	64.19520341	145.5944858	172.9937929
172.1658491	172.5457403	0.064166667	115.2770014	146.0691218	174.1802083
173.9604873	176.8307315	0.0665	92.88509078	185.3595953	183.2985922
171.5356373	171.1291481	0.080666667	90.11547443	194.0636416	183.1573138
185.1337957	179.1429701	0.057666667	111.1472093	150.3410066	167.0138848
188.3540903	171.3738435	0.062666667	117.8112506	143.9283573	159.3900017
196.3151541	156.7356764	0.0425	122.3576545	140.9164817	148.0149376
197.3420709	155.2383558	0.046333333	141.0632713	138.2735216	145.5085687
202.854317	148.4515105	0.063833333	160.6351119	152.5121411	146.9781113
193.2202457	161.7497028	0.084833333	144.0144165	139.2195074	153.5057877
178.1936811	188.6031263	0.1415	120.4639293	142.0469482	173.5559146
162.5282133	155.0547825	0.1945	108.778099	153.27344	165.5045601
159.7133451	151.3632336	0.205333333	111.7665074	149.6346356	155.1896238
156.4044672	147.6863143	0.2395	118.6501636	143.2947236	150.9589864
154.8874418	146.220175	0.288833333	126.668713	138.9665397	145.3142692
157.5187857	148.8491506	0.305333333	131.2812411	137.7901258	145.7638155
150.675678	142.8116613	0.3295	131.2878712	137.7890904	141.5079382
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9/16/2019	0125	0.2305	162.1176524
9/16/2019	0126	0.2535	163.6501004
9/16/2019	0127	0.264166667	158.8820249
9/16/2019	0128	0.263166667	156.4346789
9/16/2019	0129	0.25	154.928414
9/16/2019	0130	0.250333333	155.0668308
9/16/2019	0131	0.2845	148.9305564
9/16/2019	0132	0.284666667	140.92516
9/16/2019	0133	0.270333333	139.0767754
9/16/2019	0134	0.268666667	126.0358979
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9/16/2019	0138	1.046949153	94.67081405
9/16/2019	0139	0.955	96.18413374
9/16/2019	0140	0.693666667	93.24078503
9/16/2019	0141	0.388166667	91.89364205
9/16/2019	0142	0.351333333	97.44005488
9/16/2019	0143	0.362	91.92120869
9/16/2019	0144	0.367333333	88.30527544
9/16/2019	0145	0.3675	82.12312978
9/16/2019	0146	0.397	82.4407157
9/16/2019	0147	0.3985	78.48264273
9/16/2019	0148	0.345	75.87761813
9/16/2019	0149	0.268	79.46755211
9/16/2019	0150	0.236333333	82.71990539
9/16/2019	0151	0.2965	90.89082711
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9/16/2019	0155	0.5215	95.99693144
9/16/2019	0156	0.442333333	95.23412596
9/16/2019	0157	0.410833333	90.88365845
9/16/2019	0158	0.463333333	83.95532708
9/16/2019	0159	0.495166667	77.17491549
9/16/2019	0200	0.453833333	69.41295818
9/16/2019	0201	0.502333333	70.17736572
9/16/2019	0202	0.493	73.11127009
9/16/2019	0203	0.489166667	75.41287734
9/16/2019	0204	0.4275	76.3471587
9/16/2019	0205	0.427666667	83.20099231
9/16/2019	0206	0.3695	84.19889976
9/16/2019	0207	0.3615	79.46643806
9/16/2019	0208	0.369333333	81.10864925
9/16/2019	0209	0.418666667	80.26683043
9/16/2019	0210	0.437333333	77.22935393
9/16/2019	0211	0.349166667	68.94254307
9/16/2019	0212	0.279	59.55466669
9/16/2019	0213	0.248644068	44.76499537
9/16/2019	0214	0.204666667	18.43668905

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156.6837177	0.280166667	171.4251964	170.8854117
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188.3338607	0.369833333	100.1640891	167.5212596
173.4543023	0.3795	105.0971722	158.6162397
188.2491078	0.361	100.9255971	166.0005077
188.9489961	0.312	95.28469913	178.7504241
172.4483143	0.324166667	85.21769069	180.0688766
173.1775539	0.356666667	87.58191785	186.7418279
164.8576312	0.384	82.78769449	173.9875065
160.2068454	0.335833333	79.8482173	167.5463083
166.7784942	0.232333333	83.5790876	175.8878527
173.8281699	0.1895	86.4151204	183.3488513
191.5002109	0.270166667	97.64625935	172.9767008
183.2840465	0.467666667	99.87464391	168.114454
183.4675248	0.660666667	100.2501072	167.3466
184.3198396	0.638833333	99.99063486	167.8757217
176.9371142	0.584166667	102.71276	162.6485929
178.8816504	0.482	102.8816139	162.3469866
191.5234414	0.4135	99.48004816	168.9369222
176.8178548	0.3925	90.13006096	194.0144538
162.4476776	0.480166667	81.11432388	170.2064323
151.0009648	0.552666667	75.2533555	159.1792601
151.9345104	0.563	75.44784758	159.4959638
155.8896468	0.514333333	77.64145803	163.2895744
159.4387912	0.485666667	80.01623749	167.8898283
161.0011932	0.434833333	81.36254181	170.7477269
174.9706278	0.370666667	87.82318718	187.4689382
177.4292851	0.334833333	89.10254651	191.4787454
166.7762682	0.361833333	82.45760045	173.2166466
170.1941349	0.349333333	83.80969376	176.455806
168.4074928	0.412833333	82.69170666	173.762047
162.5449118	0.436166667	80.67761814	169.270057
150.4453929	0.411166667	74.01202937	157.2294859
142.0589107	0.287333333	62.41428583	144.1049438
137.5011566	0.261333333	48.90008425	137.8191645
153.727339	0.225666667	28.05188826	143.7428765

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158.7251437	150.1934304	0.3715	137.0632337	137.5891988	152.8121199
160.8084164	152.734532	0.377666667	138.6583972	137.7807679	154.5211073
161.2686791	153.3351506	0.4005	139.8536269	137.9948352	152.0631042
155.8582493	147.1431473	0.4435	139.5475889	137.9342414	148.2277073
159.4588962	151.0559852	0.496166667	139.7507542	137.9740218	148.5683091
159.4941753	151.0983326	0.533050847	141.0468439	138.2693163	148.6027008
153.4450804	144.9462719	0.5595	133.3508731	137.5569752	143.794797
144.3240052	139.3409839	0.610833333	127.57596	138.662402	139.5816835
139.5768126	137.9398553	0.601	125.2704159	139.5066157	138.9070178
127.7745561	138.6006352	0.577166667	119.4696677	142.7105265	139.6594138
111.019473	150.4897251	0.6955	108.2881468	153.9273732	153.1752832
99.30057187	169.3163441	0.861666667	102.7327633	162.6127309	170.5339992
94.8521093	179.8837053	1.175833333	97.67987243	172.899309	176.497642
99.49060159	168.9147162	1.399	101.1590655	165.5456086	169.9426767
100.7175464	166.4103279	1.313666667	101.6168234	164.6687928	167.4191052
99.04183221	169.869284	0.897166667	102.7343908	162.6098145	170.781154
97.4307384	173.4759961	0.632833333	102.3626317	163.2821092	173.1533064
102.3304961	163.3408083	0.5775	103.8648672	160.6401879	164.0128845
95.96762289	177.0104683	0.561833333	98.45260603	171.1551728	175.6038141
87.62654075	186.8756324	0.487333333	92.01253152	187.9691929	185.6360614
79.50214373	166.8476719	0.443	89.15030321	191.6336138	177.7496192
84.45902798	178.0905278	0.538833333	93.94227629	182.3490766	180.0897466
79.38662518	166.617114	0.495	92.00517867	187.9916818	173.3634834
79.24753661	166.3412536	0.456833333	89.66997059	193.3438983	171.8595764
82.52052075	173.3626119	0.408	90.82340307	191.7190445	176.9370008
85.74904691	181.4999796	0.360666667	92.07512297	187.7780984	181.6137748
92.38539484	186.8398129	0.475666667	93.99625815	182.1996306	183.3790888
93.91904142	182.4135266	0.700166667	95.49200767	178.2159577	178.0069962
95.85159788	177.3019123	0.863333333	97.48614747	173.3471211	175.3657895
97.06235614	174.3418669	0.875333333	100.1060185	167.6395918	173.544255
101.3408051	165.1951162	0.847833333	103.3408878	161.5393332	166.5800391
101.7549615	164.408072	0.746833333	104.4343937	159.6892267	166.3314839
97.18197892	174.0589619	0.678833333	102.0919933	163.7793945	174.57468
87.77304927	187.3170989	0.6775	94.94760297	179.6314188	184.4452066
78.04554162	164.0346764	0.639166667	87.08125547	185.2612524	170.4875096
68.10125825	149.4869259	0.632166667	78.491849	164.8751566	156.1355768
68.80884977	150.2900883	0.631333333	76.94436152	162.0387826	155.9398363
71.56168298	153.7251553	0.580333333	80.88896746	169.7207067	160.6562708
75.93037866	160.295176	0.575333333	85.28611148	180.2510194	166.9687037
77.31964409	162.706763	0.505833333	84.1672835	177.3495002	167.9512958
84.77416334	178.903191	0.593559322	93.57278115	183.3830122	181.1814423
84.64935224	178.5797995	0.549833333	94.89274983	179.7761887	181.8160047
76.85198116	161.8762545	0.433333333	86.56785038	183.7816349	171.412701
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77.72412366	163.440792	0.513666667	86.92437011	184.805016	172.6038369
73.12315155	155.9069212	0.483666667	84.95063472	179.3638965	166.7714466
64.99506588	146.319858	0.532666667	72.82371202	155.4747668	152.3673759
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31.62851707	141.3313367	0.313166667	51.04474817	138.2687806	144.2675832

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9/16/2019	0221	0.317	46.49891107
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9/16/2019	0227	0.362833333	40.44516103
9/16/2019	0228	0.356333333	29.70507395
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9/16/2019	0230	0.341	40.15306118
9/16/2019	0231	0.350166667	36.55414966
9/16/2019	0232	0.4145	37.11661425
9/16/2019	0233	0.435666667	41.70793277
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194.4543648	0.323833333	347.4184829	194.4543648
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139.1906731	0.480166667	58.15502715	141.2055382
138.4975042	0.531166667	56.7892703	140.4629727
137.5045089	0.413559322	50.74277304	138.1935732
138.9113054	0.345833333	56.22177127	140.1800635
157.1084246	0.4175	74.59131195	158.1241633
158.0968309	0.4265	75.34067841	159.3210707
170.1858666	0.421666667	83.18967176	174.9434299
173.358777	0.389833333	100.1589106	167.5317981
166.4202207	0.394666667	102.7890485	162.5120132
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146.4871971	0.473166667	117.672208	144.0369074
143.6378743	0.538	121.5432302	141.3815193
137.5292589	0.466833333	135.7445686	137.5116109
137.7207858	0.501166667	137.5257483	137.6337086
140.0432071	0.484666667	125.4516478	139.4316914
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14.89075876	158.9465792	0.314	26.86074309	144.6907475	159.3755991
14.50241584	159.577451	0.360333333	27.42859291	144.2295422	149.8696386
5.028646609	179.4182532	0.470166667	14.78691127	159.1140771	176.9666076
345.2160208	194.4543648	0.465	347.5118238	194.4543648	194.4543648
25.50076137	145.8660098	0.5025	33.41834957	140.3577402	140.5627501
36.2500651	139.1191123	0.548166667	41.76643031	137.7192646	138.0329071
16.23913876	156.8496717	0.514666667	22.81264677	148.4955037	153.9648902
5.914783171	177.1429878	0.397166667	16.57401164	156.3507845	176.3506193
346.8814575	194.4543648	0.2935	359.5107879	194.4543648	194.4543648
20.34900008	151.2875599	0.412666667	29.40810869	142.753231	146.476834
32.9729718	140.5859439	0.4955	36.51430262	139.0219104	138.8562982
25.49920102	145.8674165	0.587833333	28.12736675	143.6853188	141.4011804
21.66672682	149.7468153	0.646166667	26.78809592	144.7509913	144.6038865
29.12111897	142.9548387	0.7305	37.68969244	138.6268187	139.2196907
31.80394668	141.2292095	0.6335	39.34252185	138.1730401	138.753535
30.18654077	142.2271533	0.599666667	37.49916458	138.6867483	139.4905468
29.42181433	142.7437067	0.639666667	37.29781844	138.7518053	139.5809735
34.13505943	140.0097822	0.607166667	43.2168165	137.5666185	138.2017596
38.90170691	138.2825257	0.572333333	46.95199894	137.5798356	137.8264131
33.25005275	140.442888	0.490666667	39.08076852	138.2370442	138.6386475
29.06035234	142.9980603	0.382333333	32.91371043	140.6170053	140.1789536
19.42639821	152.4336997	0.410833333	25.51712986	145.8512612	146.9989742
0.732361091	192.0157505	0.370166667	6.08871309	176.7080925	182.5812487
33.65665941	140.2394147	0.5	38.71262625	138.3320516	138.4013797
47.85638449	137.6710451	0.550333333	50.35189317	138.102038	139.8892484
40.95767059	137.8429197	0.529166667	44.28697063	137.5106481	138.0330708
58.12992145	141.1910922	0.4155	56.131449	140.1364082	147.3714052
71.59627931	153.7716017	0.574666667	70.78242788	152.7010522	161.5163093
75.69277479	159.8992189	0.531166667	73.2397405	156.0769891	165.9624521
67.26575195	148.5785566	0.420166667	66.41002491	147.6919307	153.1682621
51.74161615	138.4573432	0.476833333	55.24345228	139.7271067	140.893357
48.18789742	137.7131065	0.6385	52.1481008	138.5770454	139.1715908
46.60282225	137.5538195	0.695	50.14103608	138.0553771	138.6424184
39.04535917	138.2459287	0.579166667	43.46275963	137.5495041	137.8733787
42.99936195	137.5838659	0.451833333	45.63200552	137.5083655	138.5459001
60.92391707	142.9868536	0.518833333	61.46326971	143.3782786	150.39943
62.74981313	144.3725986	0.514666667	65.09390182	146.4119764	152.0506192
75.24501518	159.1657481	0.444333333	81.93431371	172.0201568	169.0788004
94.52405447	180.7596637	0.404666667	93.94139512	182.3515195	176.0004396
99.36382843	169.1822327	0.404166667	95.4903737	178.2201487	169.0836538
98.57843524	170.8774194	0.502333333	97.43331118	173.4700043	166.8348381
99.38337892	169.140868	0.6095	101.7792879	164.362343	165.7585963
110.067593	151.6311552	0.548	109.897583	151.8412709	153.3379682
119.7024308	142.5507716	0.531333333	119.5396939	142.6621794	144.215882
124.0419394	140.0536559	0.590166667	124.6642588	139.7679716	142.586433
126.6392283	138.9770314	0.671666667	126.5566036	139.0066367	140.7507654
139.435265	137.9130021	0.649	137.5811965	137.6396487	137.6483802
140.894018	138.2307508	0.651	135.6320586	137.5083669	137.773403
130.3569501	137.9527141	0.6185	127.1394507	138.8042232	139.0579589
125.0591307	139.5958307	0.541166667	124.2925746	139.9364722	140.5823365

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9/16/2019	0307	0.3205	120.0598002
9/16/2019	0308	0.349333333	113.9603167
9/16/2019	0309	0.327666667	115.6855898
9/16/2019	0310	0.266666667	133.428092
9/16/2019	0311	0.232166667	130.1230771
9/16/2019	0312	0.1845	119.6829436
9/16/2019	0313	0.224666667	106.3484005
9/16/2019	0314	0.304	87.84705929
9/16/2019	0315	0.256333333	70.76382841
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9/16/2019	0317	0.222666667	62.12051816
9/16/2019	0318	0.188	59.07359524
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9/16/2019	0326	0.103833333	15.72642634
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9/16/2019	0328	0.208666667	307.0529577
9/16/2019	0329	0.119	274.4421539
9/16/2019	0330	0.114333333	219.7480196
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148.4585349	0.5665	159.4166899	151.0054291
148.4882241	0.636833333	159.0570303	150.5792945
139.6250322	0.618166667	145.6586225	139.9139887
137.5149089	0.5485	137.0207537	137.5855617
139.9742374	0.413833333	124.9964876	139.6226686
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67.48855762	148.8166202	0.265666667	82.29821039	172.8489154	154.8299797
58.92087503	141.6607325	0.235166667	73.38203968	156.2859419	146.8840379
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315.6516943	194.4543648	0.226666667	316.1039504	194.4543648	166.4593547
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181.9329001	188.213199	0.307333333	188.406113	171.2582385	176.50941
185.2733034	178.7799645	0.486333333	187.8515301	172.5060803	179.245186
193.6759916	160.9615903	0.562666667	194.4022189	159.7422301	165.3160926
194.2780929	159.9475136	0.553166667	194.7982135	159.0958051	154.4472716
207.6782437	144.0321742	0.583166667	209.061118	142.9975145	141.7355481
211.0759119	141.6627018	0.609	212.9400727	140.6031675	139.887538
218.5262259	138.3823859	0.560666667	218.9282453	138.2756978	138.1734718
211.0794876	141.6605103	0.587833333	215.343968	139.4760301	139.7024277
197.5612741	154.9288555	0.6545	199.8037094	151.958113	153.242593
193.7164734	160.8924484	0.7285	195.9874256	157.2303153	158.7664163
196.484445	156.4833846	0.6925	198.0537624	154.2461799	153.1591171
193.7199833	160.8864602	0.609833333	194.1088833	160.2294223	157.8788029
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190.364604	167.1152626	0.3895	190.7114792	166.4223424	164.0193054
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165.2546234	159.1813147	0.769666667	169.0786183	166.0087695	156.163512
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149.9110889	142.2914812	0.907166667	157.0726755	148.3746852	142.5512968
143.8614883	139.1610778	0.733166667	147.1227528	140.6361988	138.7244368
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9/16/2019	0405	0.296666667	110.4377084
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119.5894668	142.6279648	0.4795	123.4793311	140.3272115	143.5316671
115.5051278	145.862074	0.455166667	120.8720617	141.7886662	147.5641815
108.4759519	153.674725	0.475	115.3775831	145.9774761	154.4445713
97.75494771	172.7269174	0.383	107.0458924	155.6621377	170.9937998
93.29793964	184.1647118	0.433833333	100.1325177	167.5855514	180.3893358
92.15796232	187.5261265	0.43	102.0324591	163.8896839	180.8176879
63.21584919	144.754271	0.353	67.90606698	149.2708748	147.3908166
66.65784331	147.9442151	0.385166667	77.83725079	163.648739	150.5726856
85.6669885	181.2764683	0.461666667	92.06841583	187.7985463	183.6110466
93.71494318	182.9829231	0.563559322	97.28562315	173.8151988	177.639713
93.41364207	183.8343065	0.47	98.31286931	171.4656562	174.946546
98.03352592	172.0928011	0.409666667	104.3299638	159.8615725	166.0687719
100.000675	167.8551213	0.3185	106.569931	156.3568125	168.0955721
85.31937789	180.339804	0.263166667	94.85331004	179.8805255	176.1952468
61.12265815	143.1293619	0.263	70.06797386	151.7985475	144.8864805
46.70565853	137.5609498	0.3505	54.6996551	139.4941408	139.2808878
49.54362483	137.9334827	0.474333333	53.26590151	138.9434102	138.4361177
34.37915598	139.8966587	0.5415	38.1536009	138.4875133	140.5693137
27.48926992	144.1812708	0.5975	31.48351639	141.4168625	144.3680204
30.3737124	142.1051419	0.640666667	33.06760328	140.5366837	142.1847633
27.19841006	144.4144317	0.604166667	30.04830748	142.3183736	142.7395061
27.53404638	144.1457734	0.566166667	30.41709695	142.0771071	143.6033033
42.93214693	137.5895989	0.5535	42.62674831	137.618039	137.8709773
61.82781714	143.651283	0.528166667	58.51721047	141.4172938	146.988983
72.55737457	155.0959443	0.574333333	69.31921475	150.8891122	158.7428046
75.59519424	159.7379655	0.500833333	73.48259087	156.4345118	163.6430713
74.86793908	158.5607433	0.457333333	74.53416887	158.0347366	160.2109182
74.93637512	158.6696945	0.35	75.62627435	159.7892403	158.755489
75.73941783	159.9765763	0.307333333	68.27569607	149.6820075	159.9599395
63.2745794	144.8031933	0.304	53.99191007	139.210843	147.7193304
44.55333073	137.5041784	0.264666667	40.28535912	137.9668223	138.5239589
14.43794326	159.6833845	0.504333333	18.46014413	153.6958951	160.0898672
13.68966378	160.9382229	0.554333333	15.79705748	157.5214449	159.4998605
12.336733	163.3294087	0.496	12.13680816	163.6965877	157.3363177
355.9634852	194.4543648	0.588333333	0.815066825	191.7461541	192.8978286

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9/16/2019	0448	0.2765	358.7582398
9/16/2019	0449	0.2025	1.748158655
9/16/2019	0450	0.271	321.1240904
9/16/2019	0451	0.289333333	308.3960909
9/16/2019	0452	0.649166667	302.6910826
9/16/2019	0453	0.700833333	303.769793
9/16/2019	0454	0.514166667	314.0002205
9/16/2019	0455	0.3435	315.3730442
9/16/2019	0456	0.197833333	308.9875511
9/16/2019	0457	0.059666667	194.6563382
9/16/2019	0458	0.188833333	174.9021608
9/16/2019	0459	0.247833333	171.7649314
9/16/2019	0500	0.240666667	175.3005186
9/16/2019	0501	0.151333333	201.4793607
9/16/2019	0502	0.135666667	292.8944557
9/16/2019	0503	0.222333333	309.6948968
9/16/2019	0504	0.082833333	267.2818726
9/16/2019	0505	0.304237288	150.6710738
9/16/2019	0506	0.520166667	152.8144336
9/16/2019	0507	0.4585	152.467843
9/16/2019	0508	0.169666667	157.879023
9/16/2019	0509	0.103	339.4402877
9/16/2019	0510	0.199166667	351.8210724
9/16/2019	0511	0.180333333	41.94778777
9/16/2019	0512	0.337333333	97.11023134
9/16/2019	0513	0.3965	102.8220972
9/16/2019	0514	0.309333333	91.76149932
9/16/2019	0515	0.212	68.43838244
9/16/2019	0516	0.142166667	37.7115853
9/16/2019	0517	0.118333333	21.61524223
9/16/2019	0518	0.147666667	9.796713885
9/16/2019	0519	0.1465	48.79445953
9/16/2019	0520	0.226333333	103.4284315
9/16/2019	0521	0.202166667	127.0512888
9/16/2019	0522	0.0685	135.8054817
9/16/2019	0523	0.045833333	26.93110972
9/16/2019	0524	0.080166667	43.53935412
9/16/2019	0525	0.061333333	42.06034489
9/16/2019	0526	0.041333333	147.5835789
9/16/2019	0527	0.094	159.9326734
9/16/2019	0528	0.2005	132.1617356
9/16/2019	0529	0.345	128.6206523
9/16/2019	0530	0.314	129.5290042
9/16/2019	0531	0.180833333	125.8943075
9/16/2019	0532	0.1265	133.6005642
9/16/2019	0533	0.2005	129.2858272
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9/16/2019	0538	0.132833333	134.1834525

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188.7831377	0.205666667	5.321024408	178.6563725
194.4543648	0.2715	322.9041878	194.4543648
138.4184171	0.325	308.6419962	138.3509475
140.7351627	0.7395	305.491072	139.4155881
140.1841599	0.7775	304.1865714	139.9856828
137.5209359	0.495666667	314.7868131	137.5009518
194.4543648	0.327166667	313.6749563	137.5367777
138.2605491	0.268333333	312.5096519	137.6299839
159.3259266	0.0635	298.0870808	143.7160029
179.2369422	0.151666667	183.9301019	182.3828369
171.6394546	0.203166667	181.4783322	189.6253551
180.2894523	0.235833333	181.4945289	189.5744694
149.9591496	0.150833333	210.3113294	142.1456157
148.4092331	0.177666667	290.6870073	150.8817084
138.0915196	0.243	309.2604831	138.1927836
185.8499932	0.098666667	295.3250166	146.025302
142.8084414	0.247666667	154.070255	145.4843777
144.4248307	0.504067797	154.4587021	145.8295121
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149.2411264	0.2145	156.4496512	147.7320277
194.4543648	0.057	0.852341126	191.6250285
194.4543648	0.155	0.013184145	194.409635
137.6953308	0.1745	56.56804825	140.3509157
174.2284417	0.351833333	100.5868983	166.6698412
162.4530065	0.448166667	105.6733647	157.712121
188.7417995	0.366333333	97.5910067	173.1041966
149.8656598	0.259666667	81.04251778	170.0510766
138.6200339	0.189166667	62.69274605	144.3266558
149.8049411	0.135333333	48.17198311	137.7109814
168.2756189	0.142833333	32.90286819	140.6227059
137.8020798	0.175333333	60.82530408	142.9168858
161.3874688	0.2485	98.58097248	170.8718365
138.8338807	0.226833333	115.4234137	145.9359045
137.5135886	0.102833333	114.6631568	146.6407564
144.6326642	0.056833333	53.73198449	139.1124111
137.5446925	0.106166667	61.58607913	143.4694843
137.6811744	0.076666667	56.22683687	140.1825229
140.8841439	0.042333333	83.27942304	175.1594801
151.6314829	0.082	144.4655286	139.3979417
137.6688797	0.207333333	123.2034808	140.466683
138.3567	0.378833333	122.2938427	140.9517805
138.1292353	0.360833333	124.1884179	139.9848213
139.2548777	0.223833333	122.8964755	140.6260696
137.5410243	0.1555	127.0941417	138.8194224
138.1866534	0.229333333	123.5342568	140.2998619
137.5944689	0.190166667	130.6548112	137.8963571
152.2616849	0.066666667	146.8433867	140.4907308
154.4735587	0.0225		194.4543648
148.0544732	0.049166667	110.8320894	150.7097789
137.5139646	0.136833333	126.5402584	139.0125291

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353.6574069	194.4543648	0.368	351.7822363	194.4543648	189.08706
325.2482594	194.4543648	0.459166667	326.7536758	194.4543648	194.4543648
312.7813545	137.6031513	0.594166667	314.5360867	137.5045073	137.9692558
309.3519337	138.1707935	0.9275	311.2462544	137.7956205	139.0292912
309.1406523	138.2221416	0.941	310.148051	137.9944922	139.0966191
317.9889224	194.4543648	0.6445	315.3507739	194.4543648	165.9826543
319.890246	194.4543648	0.501166667	321.3156152	194.4543648	180.224968
318.5572611	194.4543648	0.353166667	322.0380589	194.4543648	166.1998157
292.8949921	148.4086688	0.106949153	315.735807	194.4543648	161.4762408
183.2028979	184.4375706	0.124666667	186.562237	175.5429938	180.4000859
183.5136485	183.5502793	0.196666667	185.0189841	179.4436227	181.0646779
184.4833814	180.8692759	0.202	193.3888077	161.456123	178.0473302
211.043813	141.6824028	0.129333333	225.1816458	137.500691	142.8219648
301.6199879	141.3363395	0.248	307.008677	138.8483376	144.8689047
313.7698809	137.5316961	0.3225	314.8933696	137.5002381	137.8290593
307.5108895	138.6830145	0.126166667	312.3218495	137.6503464	152.052164
163.7240807	156.7944591	0.189333333	168.9102648	165.6801471	152.6918563
161.4181451	153.533349	0.472333333	164.3077268	157.6828954	150.3676468
162.2005759	154.5965584	0.5595	161.5951582	153.7700952	149.2826971
166.2247203	160.7922576	0.325	168.6741725	165.2238822	155.7473235
227.6079503	137.6425611	0.093166667	188.0427014	172.0720636	173.9485045
349.4944727	194.4543648	0.065166667	358.1114343	194.4543648	194.4431824
60.68443366	142.8177877	0.096666667	89.06133672	191.3454156	153.0523624
108.2262	154.0112538	0.321666667	117.7436125	143.9810357	159.7226431
113.3928809	147.8922814	0.3915	121.4861779	141.4152836	152.3681731
101.7459406	164.4250437	0.370833333	116.5608684	144.9412536	167.8030733
87.71662837	187.1466971	0.298166667	103.2763336	161.6517422	167.1787939
70.26594336	152.0451883	0.198	91.02704836	191.0604134	156.5130729
53.56171949	139.0495588	0.1295	80.35979141	168.601162	148.7916608
42.83495627	137.5982244	0.1635	69.32569297	150.8968236	149.3483432
57.87935895	141.0485621	0.213	81.20369062	170.4005523	148.04202
90.6519305	192.2790436	0.306833333	115.2210377	146.1203585	167.6646769
105.9940702	157.2202045	0.301833333	130.2289637	137.9780896	144.9920198
105.5451929	157.9109664	0.1835	129.4193208	138.1548194	145.0550327
64.9869259	146.3122959	0.147333333	71.08341226	153.0916317	145.7872507
46.95044378	137.5797084	0.1745	59.60942631	142.0942353	140.1720301
44.7539794	137.5012676	0.139166667	68.38804005	149.8086524	141.2934043
71.14615244	153.1738329	0.099	62.1973082	143.9350099	153.2881167
140.4820637	138.1317936	0.071666667	115.1897134	146.1491135	143.8275829
124.0497781	140.0499474	0.2005	110.3207933	151.3217653	142.3768188
124.2475222	139.9573244	0.3515	122.1844701	141.0127303	140.0696338
125.7224143	139.322497	0.388833333	126.6849111	138.9607922	139.0993364
124.827032	139.6961568	0.282542373	125.2135321	139.530437	139.7768853
125.5058136	139.4095846	0.223833333	125.8466705	139.273485	138.7608791
126.5878213	138.9954156	0.283333333	134.7224156	137.5016137	138.7458861
135.253134	137.5013419	0.282333333	138.478219	137.7537515	137.6864799
129.5064328	138.134458	0.1435	118.1208104	143.6903067	143.6442951
59.50702882	142.0283	0.0575	85.41422049	180.5937444	167.887492
112.2756675	149.0718323	0.0895	119.7767939	142.500304	147.5840971
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9/16/2019	0540	0.228813559	112.4732047
9/16/2019	0541	0.197	98.38847078
9/16/2019	0542	0.223833333	88.53786129
9/16/2019	0543	0.210833333	100.8389643
9/16/2019	0544	0.187666667	128.50394
9/16/2019	0545	0.153666667	152.4396303
9/16/2019	0546	0.166166667	168.0009924
9/16/2019	0547	0.2585	163.8664886
9/16/2019	0548	0.262166667	144.0651779
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9/16/2019	0555	0.391333333	167.8919462
9/16/2019	0556	0.381666667	160.9003467
9/16/2019	0557	0.3085	181.8732192
9/16/2019	0558	0.344	169.4112828
9/16/2019	0559	0.334166667	166.3609141
9/16/2019	0600	0.390333333	163.5981318
9/16/2019	0601	0.4615	146.977406
9/16/2019	0602	0.430666667	152.285649
9/16/2019	0603	0.419833333	149.0515411
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9/16/2019	0611	0.231	105.8111106
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9/16/2019	0625	0.304833333	90.60032804
9/16/2019	0626	0.280666667	77.00941368
9/16/2019	0627	0.275166667	89.48933441
9/16/2019	0628	0.28	113.086718
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138.3885043	0.235166667	121.684358	141.2986689
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163.951797	0.179166667	161.3002185	153.3768437
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152.8533322	0.378166667	160.7947997	152.7169844
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143.5453154	0.244333333	120.6149903	141.9504016
157.4998571	0.228666667	110.1217786	151.5645895
165.1847785	0.2195	105.0041857	158.7646281
193.411588	0.171833333	95.48916924	178.2232382
159.7510504	0.183220339	83.32355799	175.2660758
146.9462757	0.216	44.27366064	137.5110493
191.170027	0.274666667	9.75799261	168.3559281
194.4543648	0.244	352.2451452	194.4543648
185.9256205	0.154166667	10.32304508	167.19908
180.6339791	0.057	85.49392036	180.8080775
194.4543648	0.069333333	29.35467597	142.7904526
137.8377452	0.027166667		194.4543648
148.7951741	0.0735	91.95685927	188.1396787
188.6008674	0.122333333	89.73652772	193.5663078
159.083712	0.260833333	76.52200735	161.301787
192.448547	0.2945	92.00411827	187.9949257
162.1536803	0.324666667	80.11019361	168.0831689
192.7441538	0.293666667	94.22129632	181.5809863
148.2080678	0.33	110.6465202	150.9299304
146.9277006	0.305	112.9037589	148.3994481

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124.6213112	139.7871204	0.314333333	130.0470126	138.0153665	140.1482975
117.9318062	143.8350574	0.315833333	127.6637916	138.6348727	145.1332259
107.9360564	154.4077568	0.263666667	118.4718671	143.4263534	157.2975191
96.93639284	174.6415871	0.247666667	107.3381069	155.2439852	173.963776
106.7933355	156.0286378	0.305166667	117.2241479	144.393619	156.886658
126.4769002	139.0354813	0.308666667	133.7238647	137.5341123	139.0641917
146.2017477	140.1703531	0.262333333	149.6390542	142.1134092	141.282907
156.6019697	147.8870177	0.220833333	148.4311648	141.3664167	151.6455188
151.4934618	143.4006292	0.3105	146.4009047	140.2677559	147.1233053
150.6008615	142.7594697	0.337666667	154.7416279	146.0861581	141.9596191
149.2266948	141.8504171	0.275	152.1176861	143.8732686	141.920936
141.7861186	138.4700986	0.3165	141.8120879	138.4775817	138.0640474
139.7902991	137.9819693	0.388166667	141.1202557	138.2881992	137.8810081
153.6370347	145.1092315	0.363833333	146.6618767	140.3981658	144.2902251
161.7965238	154.0420916	0.388666667	156.2922351	147.5732864	149.1021194
170.1961642	168.2608646	0.544333333	172.0438844	172.2681311	162.5114363
169.5450573	166.9336567	0.569833333	169.0513017	165.955262	164.9870942
163.6270996	156.6493729	0.534166667	162.762021	155.3865577	154.4015618
179.0389826	191.2732103	0.479333333	175.7196357	181.419763	188.5250589
171.6663598	171.4193693	0.493833333	169.7955975	167.4393109	167.7226555
168.6755424	165.2265142	0.5365	167.124061	162.3570821	162.2310873
163.410616	156.3280873	0.582	162.8177216	155.466189	155.732897
155.8904608	147.1746973	0.718166667	160.6591085	152.5428126	145.4285736
158.3786034	149.7979841	0.768833333	160.6981251	152.5927656	148.0118306
153.446503	144.9474724	0.751666667	156.9006325	148.19491	144.4284955
146.7870269	140.4618249	0.667	152.8638875	144.4649535	140.7280612
142.2083288	138.5953926	0.550833333	147.8948895	141.0573097	138.9724816
136.0347405	137.5224259	0.515762712	143.1937404	138.9181028	137.876059
141.2873003	138.3320321	0.673666667	144.3999468	139.371436	138.8088907
135.3368802	137.5023768	0.659833333	142.1899831	138.5897872	137.7978131
125.600828	139.371124	0.5005	135.2316938	137.5011242	138.9069603
116.8566735	144.6941148	0.287833333	124.0282676	140.0601308	142.5624907
112.4418998	148.8915428	0.296333333	125.0164052	139.6141162	149.3925264
105.8681366	157.4124144	0.302666667	111.2253104	150.2505888	157.9031024
92.50100925	186.4939743	0.2545	98.11262966	171.9143277	182.510782
87.89134626	187.6759793	0.256833333	95.03183574	179.4098826	175.5257471
39.09311609	138.2339588	0.265333333	44.47658293	137.5057377	140.0492554
4.363448851	181.1937971	0.345666667	14.25906629	159.9790934	175.1747114
349.9015063	194.4543648	0.351	2.358279762	186.9212186	192.5710783
358.3350767	194.4543648	0.279166667	3.608991343	183.2808321	182.7149744
31.29349903	141.5304706	0.188	14.28566946	159.9349466	165.7268685
359.1627827	194.4543648	0.243	3.618218393	183.2548246	178.7385017
8.287282129	171.5227415	0.154666667	7.21921639	173.9712381	169.4465224
67.32969666	148.6465724	0.128	32.79268477	140.6809503	156.5655939
64.20362789	145.6019406	0.196666667	46.4708239	137.5453177	166.3286084
65.95636183	147.2394321	0.311833333	56.00666018	140.0767116	151.9254106
83.69177958	176.1645845	0.319333333	76.22080086	160.7855902	179.3484119
74.41265848	157.8454347	0.351833333	79.78284336	167.4134184	163.8739256
94.10252835	181.9066129	0.4435	99.04076181	169.8715862	181.5258348
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9/16/2019	0630	0.175333333	100.8217872
9/16/2019	0631	0.140333333	107.0331475
9/16/2019	0632	0.151666667	130.7735678
9/16/2019	0633	0.133166667	143.3606828
9/16/2019	0634	0.082166667	164.6960369
9/16/2019	0635	0.093666667	155.3864045
9/16/2019	0636	0.048333333	139.5413426
9/16/2019	0637	0.073333333	337.50952
9/16/2019	0638	0.084333333	336.6674585
9/16/2019	0639	0.052833333	333.4510082
9/16/2019	0640	0.052166667	112.630829
9/16/2019	0641	0.1135	141.6219172
9/16/2019	0642	0.120666667	136.3473575
9/16/2019	0643	0.122166667	127.6399728
9/16/2019	0644	0.118833333	103.5303898
9/16/2019	0645	0.077833333	100.5576784
9/16/2019	0646	0.0295	78.55509603
9/16/2019	0647	0.051833333	308.1928287
9/16/2019	0648	0.1245	279.8881457
9/16/2019	0649	0.104576271	280.2549137
9/16/2019	0650	0.092	291.416905
9/16/2019	0651	0.101	310.3620331
9/16/2019	0652	0.1435	312.5949455
9/16/2019	0653	0.169	313.1268759
9/16/2019	0654	0.186833333	308.7053409
9/16/2019	0655	0.211833333	307.8466358
9/16/2019	0656	0.214	310.9196285
9/16/2019	0657	0.227666667	317.8099101
9/16/2019	0658	0.232	312.5983917
9/16/2019	0659	0.279	306.2976887
9/16/2019	0700	0.461166667	297.2391401
9/16/2019	0701	0.362333333	290.6972557
9/16/2019	0702	0.464166667	284.3732831
9/16/2019	0703	0.352166667	278.385569
9/16/2019	0704	0.273	260.6342859
9/16/2019	0705	0.337166667	241.589771
9/16/2019	0706	0.47	235.7725211
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9/16/2019	0708	0.4425	231.5271923
9/16/2019	0709	0.4825	217.3271546
9/16/2019	0710	0.421666667	213.6716019
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9/16/2019	0713	0.3915	231.5117944
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9/16/2019	0717	0.336833333	275.4969018
9/16/2019	0718	0.496166667	286.7642125
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158.2887259	0.079166667	147.7642182	140.9840654
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194.4543648	0.0625	352.4706849	194.4543648
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137.5380271	0.1225	130.5107767	137.9231381
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161.2114323	0.1265	106.8812927	155.9004585
166.7281116	0.0785	104.5666951	159.4721759
164.9957715	0.041166667	107.5581293	154.9332709
138.4761627	0.0605	274.7497881	180.1553733
168.0865944	0.157333333	283.4566269	161.3386982
167.3368624	0.130508475	285.8925752	157.3750181
150.0304188	0.112166667	289.7453448	152.0310545
137.9517207	0.102166667	290.5480788	151.0476224
137.6212261	0.113666667	298.588112	143.3403492
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138.3339907	0.1685	308.0043875	138.5312989
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137.8494182	0.205333333	310.0800913	138.0084845
194.4543648	0.218	316.6285496	194.4543648
137.6208787	0.2625	309.3282792	138.176447
139.1013649	0.321	304.09936	140.0265551
144.3815118	0.483166667	297.6949514	144.0190824
150.8695189	0.389	291.2319247	150.2429492
159.7899709	0.514166667	286.7247804	156.1289443
171.303856	0.4445	282.2922749	163.4107452
169.1782414	0.393	269.1801701	191.730663
143.4722381	0.382666667	250.3449502	152.1443507
139.9666312	0.517833333	243.1957731	144.7375901
139.2479825	0.569666667	241.099358	143.1125506
138.3970874	0.564333333	239.0374316	141.7324907
138.742216	0.5085	224.0316897	137.5196385
140.2320829	0.501666667	221.5745159	137.746104
138.450022	0.3785	224.3271921	137.5094806
137.7098132	0.3735	228.9012014	137.8193478
138.392837	0.369833333	239.6291607	142.1070018
151.0589043	0.290333333	257.1140564	162.3392862
185.1910108	0.339666667	270.775737	191.8742135
166.7355479	0.339166667	282.5145445	163.0058879
178.2034069	0.484833333	278.6716924	170.6726763
156.0712062	0.5535	288.922742	153.0835831
164.139983	0.591666667	283.8504449	160.6646229
179.7595143	0.599666667	278.0699905	172.0104433

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105.3937628	158.1475633	0.367833333	109.1214476	152.8251154	159.1295473
107.2138637	155.4210056	0.293166667	103.7059888	160.9103424	156.4115274
119.1764157	142.91567	0.251333333	115.7823916	145.6143206	141.6955078
125.6371407	139.3565318	0.178333333	120.2323384	142.1971397	139.5379476
128.6292433	138.3543822	0.1305	118.7049658	143.2545923	145.2204415
129.0473719	138.2454222	0.143333333	124.1521364	140.0017794	140.680223
99.08814387	169.7697939	0.105333333	102.4364776	163.147576	154.5577415
357.9893963	194.4543648	0.085	20.74637171	150.8111943	183.5435722
2.581300093	186.2549973	0.093333333	15.62097527	157.7932418	182.0396165
347.9062669	194.4543648	0.08	353.066036	194.4543648	194.4543648
82.89768034	174.2471674	0.037457627	141.2235186	138.3151536	152.1558703
145.6175969	139.8951722	0.116166667	158.0595924	149.4406091	141.3410169
133.2195075	137.5664175	0.145166667	138.4197617	137.7452812	137.693216
119.1771122	142.9151776	0.1655	134.7297528	137.5015295	139.9561935
109.7859569	151.9802752	0.145166667	126.3993579	139.0638136	152.0389949
114.4965168	146.7996245	0.104	125.9186961	139.2453905	153.0613256
132.0873784	137.6778539	0.090166667	143.1319705	138.8966219	149.1258796
266.6671924	184.0649372	0.067833333	258.3413225	164.5896094	166.8215207
284.1911164	160.0921208	0.124166667	285.9238523	157.3272249	161.7111596
289.2173347	152.7013578	0.131666667	293.4533898	147.8305287	156.3109418
302.6306031	140.7676631	0.124666667	312.7434425	137.606709	145.1089613
288.9322002	153.0712187	0.128833333	302.8354623	140.65827	145.682208
296.3231701	145.1432655	0.129666667	303.3955728	140.369187	141.6185069
302.3058079	140.945147	0.218166667	299.0008847	143.0405391	139.8690258
300.2018959	142.2170787	0.271166667	291.7649275	149.6364069	142.1796938
304.4614568	139.8591307	0.271666667	299.7057561	142.548509	139.9264104
303.2934795	140.4207909	0.290833333	298.9843719	143.0523663	139.832765
312.1511537	137.6701426	0.327166667	306.205091	139.1359647	166.4287092
309.9361367	138.0387745	0.420166667	306.8119264	138.9161251	138.1880563
307.9896957	138.5356624	0.4535	305.0978881	139.5793147	139.3107243
303.7954523	140.1717099	0.546166667	302.5287694	140.8227749	142.3487698
296.8648068	144.6873859	0.447333333	296.1670714	145.2775969	147.7693627
289.8333148	151.9212005	0.535666667	289.7388126	152.0392323	154.969837
285.1346446	158.5566374	0.486333333	283.6308701	161.0388214	163.577515
266.2931725	183.0056858	0.402	267.4825175	186.4448635	182.5898634
241.1932244	143.1804448	0.439833333	244.3845242	145.7629609	146.1399986
233.5911556	139.0603331	0.631833333	237.0422632	140.5939136	141.089617
231.9732594	138.5246779	0.676166667	232.8421074	138.7980626	139.9208184
230.1722614	138.0621671	0.647666667	229.4461395	137.9150349	139.026695
216.7423282	138.9405124	0.646	212.7553956	140.7007906	138.9757894
218.3984793	138.4177492	0.619	213.3253874	140.4046108	139.2001367
221.874251	137.7048682	0.5375	216.8143214	138.9152897	138.1449151
230.3633102	138.1046188	0.504833333	220.8456845	137.8622252	137.8740012
239.7190047	142.1653655	0.408166667	235.2582313	139.7336247	140.5997073
252.1627823	154.5442002	0.313050847	255.9358631	160.3043712	157.0616905
268.8548007	190.6814605	0.326833333	269.8662734	194.0020986	190.4371958
280.5396199	166.7641662	0.3805	286.4995466	156.4609846	163.2416466
278.6789896	170.6566955	0.488333333	282.8896095	162.3327676	170.4663866
285.0325116	158.7193518	0.559166667	291.4473848	149.995607	154.467437
281.1954957	165.4750988	0.618833333	285.6735471	157.7118389	161.9978859
275.1852183	179.0088714	0.647666667	279.0652691	169.8189067	175.1494339

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9/16/2019	0721	0.3935	275.2125817
9/16/2019	0722	0.3875	277.4589323
9/16/2019	0723	0.363220339	264.6021802
9/16/2019	0724	0.358833333	271.8232911
9/16/2019	0725	0.3605	268.8441512
9/16/2019	0726	0.493	259.7223967
9/16/2019	0727	0.545666667	263.9859305
9/16/2019	0728	0.5745	267.833033
9/16/2019	0729	0.808833333	255.9347522
9/16/2019	0730	1.026666667	253.5779104
9/16/2019	0731	0.930666667	249.4728123
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9/16/2019	0733	0.789333333	253.8988449
9/16/2019	0734	0.621666667	242.6910293
9/16/2019	0735	0.736333333	240.4628889
9/16/2019	0736	0.523833333	235.7459105
9/16/2019	0737	0.492333333	230.9499017
9/16/2019	0738	0.378166667	233.5778509
9/16/2019	0739	0.407833333	238.8420423
9/16/2019	0740	0.431	235.8495383
9/16/2019	0741	0.291833333	260.6923607
9/16/2019	0742	0.330833333	272.6097044
9/16/2019	0743	0.430166667	286.2337412
9/16/2019	0744	0.494166667	278.3222936
9/16/2019	0745	0.651333333	286.8313318
9/16/2019	0746	0.619	284.0837548
9/16/2019	0747	0.742833333	286.4701144
9/16/2019	0748	0.941166667	293.9583031
9/16/2019	0749	0.945	302.6772366
9/16/2019	0750	1.094166667	301.3501832
9/16/2019	0751	0.9525	312.1073984
9/16/2019	0752	1.044833333	313.7377993
9/16/2019	0753	0.9645	319.8846518
9/16/2019	0754	1.0615	329.2201974
9/16/2019	0755	1.109833333	318.8016432
9/16/2019	0756	0.953833333	318.0445615
9/16/2019	0757	0.7815	326.8926241
9/16/2019	0758	0.938813559	324.5028554
9/16/2019	0759	0.714166667	315.2423269
9/16/2019	0800	0.68	305.9721584
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9/16/2019	0809	0.756333333	341.6219935
9/16/2019	0810	0.712666667	332.5574707
9/16/2019	0811	0.821833333	327.0977693

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173.4103761	0.505166667	279.8085105	168.2511828
178.4580992	0.51220339	270.4797262	192.8464778
188.5506971	0.484666667	276.2674349	176.2651222
190.6474173	0.547666667	273.5614413	183.4150501
167.2909256	0.626166667	267.4047183	186.2134824
176.8942703	0.7295	268.6216662	189.9404676
187.4988015	0.820166667	271.1741689	190.5888977
160.3025085	0.919333333	262.097767	172.390569
156.5760584	1.066833333	258.7237789	165.3193086
151.0726798	0.9955	254.1476244	157.4365567
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169.3013395	0.359166667	266.6741089	184.0847148
186.1706889	0.420333333	277.734731	172.7732771
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171.4446487	0.557333333	282.4303181	163.1587787
155.9731952	0.626166667	291.293931	150.1714665
160.2714912	0.6965	286.1334925	157.0088375
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194.4543648	0.9985	333.5951605	194.4543648
194.4543648	0.780833333	321.6770027	194.4543648
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141.2388957	0.5015	306.0844121	139.1816288
147.6957086	0.520833333	298.8307854	143.1630356
151.8811892	0.573333333	295.0858678	146.2448353
153.0048101	0.920166667	295.8756235	145.5319657
138.1918593	0.545	317.0391566	194.4543648
194.4543648	0.703166667	345.0512225	194.4543648
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194.4543648	0.824166667	347.9241097	194.4543648
194.4543648	0.789	342.490223	194.4543648
194.4543648	0.863166667	335.8599437	194.4543648

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277.3276374	173.7167407	0.500166667	281.9100703	164.1174381	169.8739345
269.9782189	194.3804848	0.516	273.8096555	182.7179633	187.1007563
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271.2433059	190.3685517	0.587166667	273.9019268	182.4610482	186.7230168
265.7335442	181.4576824	0.668833333	268.6075218	189.8957973	181.2144719
265.8367739	181.7399543	0.743166667	266.7522917	184.3087591	183.2208628
267.9587185	187.8813417	0.8815	269.4739931	192.6934775	189.6656296
260.3618402	168.6054403	1.020166667	261.0862492	170.1456259	167.8610359
256.1328019	160.6362404	1.257666667	256.0238267	160.4521983	160.7459514
250.8364382	152.7706829	1.194333333	250.8485045	152.7862663	153.5165464
249.1435948	150.6810963	1.148	248.8190212	150.301864	151.2215925
257.3715231	162.8000885	0.944166667	254.6945482	158.2863804	161.376432
245.3550614	146.6580478	0.711666667	243.9595297	145.3875199	146.560516
244.608359	145.9647121	0.789	245.885888	147.1702147	145.7148009
237.7535277	140.978109	0.629666667	235.4705544	139.8283614	140.9300073
231.3742107	138.3553137	0.575	232.4419098	138.6680442	138.8335216
234.3218798	139.3401353	0.445166667	235.0371879	139.6371694	140.273914
242.9582311	144.5418569	0.456	246.07925	147.3608189	145.3914977
235.8414733	139.9987882	0.458333333	237.7185939	140.9586824	140.8633063
261.5470948	171.1545104	0.352166667	262.2758557	172.7975722	174.3345342
279.5480223	168.7940968	0.4305	279.1614131	169.6128554	174.3377296
290.8711749	150.6636928	0.485	289.5922156	152.2235138	153.0697026
283.7208501	160.8849814	0.567166667	285.7918349	157.5294715	163.2544701
290.4943119	151.1121696	0.674666667	289.6372519	152.1667468	152.3558945
286.250744	156.8322394	0.775666667	287.3009423	155.2968181	157.3523465
289.8184811	151.9396881	0.808166667	291.3178556	150.1439507	152.410218
302.9513487	140.5972585	0.973833333	305.7200576	139.3234332	142.2106608
310.7020126	137.8877726	1.110338983	310.3026082	137.9634031	138.7210551
309.2108595	138.2048663	1.323333333	309.2450767	138.1965235	139.1363642
321.6967841	194.4543648	1.167666667	322.6418863	194.4543648	180.2596273
322.6499344	194.4543648	1.246666667	324.0086535	194.4543648	180.2241164
327.8729072	194.4543648	1.2225	328.4228789	194.4543648	194.4543648
336.0329993	194.4543648	1.2865	338.0088594	194.4543648	194.4543648
326.4975688	194.4543648	1.406166667	328.2964422	194.4543648	194.4543648
326.3379959	194.4543648	1.139333333	327.355618	194.4543648	194.4543648
334.2166171	194.4543648	1.008666667	335.5479688	194.4543648	194.4543648
330.7063854	194.4543648	1.114166667	331.0017838	194.4543648	194.4543648
325.629368	194.4543648	0.867333333	324.5636218	194.4543648	194.4543648
313.8693934	137.5267745	0.889666667	312.3771922	137.6441915	138.0847173
310.7327786	137.8822281	0.615833333	310.2127285	137.9813584	139.2040026
308.175877	138.4810595	0.636833333	306.609226	138.9877467	139.4723327
297.414131	144.241076	0.593833333	296.7427877	144.7887073	144.9721319
295.3495538	146.0029584	0.630833333	294.8655875	146.4498932	147.644719
296.9800099	144.592456	1.075333333	293.6351183	147.6463637	147.6938989
318.9174589	194.4543648	0.612833333	318.0861522	194.4543648	180.3887385
342.2246495	194.4543648	0.761666667	344.6566928	194.4543648	194.4543648
339.6417076	194.4543648	0.919833333	342.620967	194.4543648	194.4543648
344.1395114	194.4543648	0.896	346.7544554	194.4543648	194.4543648
337.216493	194.4543648	0.901833333	337.9730008	194.4543648	194.4543648
330.3698752	194.4543648	1.027166667	327.1310943	194.4543648	194.4543648

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9/16/2019	0815	0.564	279.3104986
9/16/2019	0816	0.4985	273.8952126
9/16/2019	0817	0.527666667	281.214645
9/16/2019	0818	0.554666667	270.7055007
9/16/2019	0819	0.562	268.2612156
9/16/2019	0820	0.659166667	268.1553215
9/16/2019	0821	0.580166667	254.3893989
9/16/2019	0822	0.617666667	240.8087107
9/16/2019	0823	0.601333333	251.3803364
9/16/2019	0824	0.5595	253.0514848
9/16/2019	0825	0.4955	255.0577663
9/16/2019	0826	0.528166667	281.1053159
9/16/2019	0827	0.669166667	294.555619
9/16/2019	0828	0.563833333	280.374601
9/16/2019	0829	0.620833333	312.4597544
9/16/2019	0830	0.486666667	304.425558
9/16/2019	0831	0.6025	289.2505728
9/16/2019	0832	0.565084746	293.8275259
9/16/2019	0833	0.703166667	293.3131967
9/16/2019	0834	0.624333333	290.1647847
9/16/2019	0835	0.584166667	277.989867
9/16/2019	0836	0.607666667	303.5179699
9/16/2019	0837	0.588	320.151938
9/16/2019	0838	0.539833333	333.560283
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9/16/2019	0840	0.5445	324.3826457
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9/16/2019	0843	0.422833333	17.2934595
9/16/2019	0844	0.4085	346.1169182
9/16/2019	0845	0.637833333	325.0147249
9/16/2019	0846	0.597833333	346.1225306
9/16/2019	0847	0.556333333	354.4143129
9/16/2019	0848	0.6435	345.4204571
9/16/2019	0849	0.612833333	347.9368091
9/16/2019	0850	0.696833333	315.5712675
9/16/2019	0851	0.682166667	315.7827067
9/16/2019	0852	0.504666667	318.8028619
9/16/2019	0853	0.655	314.4026646
9/16/2019	0854	0.709333333	298.9404237
9/16/2019	0855	0.637666667	313.8364944
9/16/2019	0856	0.762833333	258.6058426
9/16/2019	0857	0.651833333	231.1819969
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9/16/2019	0900	0.270333333	272.909953
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192.1035569	0.783333333	276.2672904	176.265479
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142.9051609	0.7535	249.5428862	151.1569361
153.483066	0.768333333	259.7583575	167.3637547
155.8028848	0.7565	261.7008664	171.4962918
158.8638781	0.709833333	264.4257544	178.0054672
165.6498717	0.756333333	285.34674	158.221402
146.7430973	0.8085	296.2397233	145.214911
167.095126	0.773	286.1394305	156.9998687
137.6352492	0.791666667	316.540639	194.4543648
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165.0928207	0.8865	263.8020719	176.43693
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142.4834503	0.361166667	305.8667532	139.2656282
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284.2990921	159.9126945	0.7965	283.1574105	161.8597732	162.3598959
283.661954	160.9855988	0.807166667	288.0661933	154.2291736	164.7892352
279.9882515	167.8806134	0.7225	277.0170288	174.4495042	166.9197593
274.9313742	179.6742087	0.863333333	274.0885245	181.9451359	182.4970951
270.8446028	191.6501555	0.794333333	272.7585113	185.7309968	186.6219078
271.4706772	189.6494202	0.9775	272.9685142	185.1161236	186.2292112
259.3292535	166.5030966	0.873833333	264.1027866	177.1871292	168.3557367
244.3244366	145.7092749	0.825166667	251.2269169	153.2800499	148.2628554
255.6990894	159.9096811	0.852372881	259.8125771	167.4738071	162.0575772
257.2350625	162.5551233	0.859	263.0370526	174.5782467	166.1081367
260.7769213	169.4812107	0.753666667	265.1264746	179.8270206	171.5443941
286.4887113	156.4770546	0.78	283.3653248	161.496875	160.4613008
292.8919414	148.4118786	0.917333333	290.4883818	151.1193002	147.8722967
286.5695368	156.357395	0.861333333	288.9519121	153.0454698	158.3744649
315.0932643	194.4543648	0.831833333	314.2593064	137.5114904	166.0138673
306.758039	138.9349886	0.6805	304.7387734	139.734947	139.0931899
294.9450361	146.3756191	0.898166667	294.2417789	147.0455557	148.6425119
297.6202619	144.0777213	0.788	294.835655	146.4779688	145.6021546
298.4935884	143.41023	0.9995	299.6655105	142.5759307	144.5722074
294.3476797	146.9428633	0.845333333	293.7550601	147.5258771	148.1655336
281.8446699	164.2397095	0.786833333	283.0029749	162.1317705	166.6438096
309.2298577	138.200228	0.775	307.6614177	138.6356123	139.2342955
324.6606876	194.4543648	0.827833333	327.1488052	194.4543648	194.4543648
338.7871859	194.4543648	0.639666667	337.1027993	194.4543648	194.4543648
342.8103669	194.4543648	0.565166667	345.0370273	194.4543648	194.4543648
329.1185363	194.4543648	0.627	330.4624251	194.4543648	194.4543648
335.807494	194.4543648	0.7565	340.194446	194.4543648	194.4543648
357.6643605	194.4543648	0.649333333	2.710628095	185.8721177	186.7067131
16.00689269	157.2007028	0.453333333	17.00833584	155.7163378	154.0581932
342.8525667	194.4543648	0.560333333	340.7269823	194.4543648	194.4543648
330.1356717	194.4543648	0.734	333.6552493	194.4543648	194.4543648
347.1833423	194.4543648	0.722666667	352.6110229	194.4543648	194.4543648
353.1724417	194.4543648	0.699333333	353.1920186	194.4543648	193.3806632
348.0872894	194.4543648	0.791833333	351.6125876	194.4543648	194.4543648
352.1010744	194.4543648	0.685833333	358.2351871	194.4543648	194.4543648
318.8254168	194.4543648	0.768333333	324.4091958	194.4543648	194.4543648
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235.5970277	139.8857671	0.725254237	242.6697018	144.3081524	141.0229035
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272.8529782	185.4535916	0.632833333	274.3665365	181.1854177	184.5174113
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9/16/2019	0904	0.5645	314.2571665
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9/16/2019	0908	0.928666667	277.0375072
9/16/2019	0909	0.825666667	280.2865122
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9/16/2019	0926	0.975833333	246.1631242
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164.3739466	0.759833333	284.7236891	159.2164788
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137.6917734	0.932	315.7373773	194.4543648
144.5108301	0.915	298.2728445	143.5752141
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138.053077	1.395666667	315.9002693	194.4543648
145.6203271	1.664	300.6669222	141.9174689
142.3247236	1.885333333	305.3298807	139.4818693
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159.7358735	1.253666667	260.9407489	169.8318369
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288.7966591	153.2489974	0.843333333	289.899523	151.8388624	157.1695713
239.2843211	141.8866696	1.007833333	244.3945624	145.7719492	144.1668111
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273.6073065	183.2855825	1.2115	274.6391841	180.4506053	183.9974492
274.2339338	181.5464524	1.2925	275.2942412	178.7257017	179.1016266
276.8608619	174.8222077	1.512166667	278.2644886	171.5736549	174.8349874
276.3642423	176.0268207	1.625333333	278.4309942	171.2030524	174.0291479
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249.7027412	151.3503448	1.223166667	252.9416812	155.6442275	153.1418378
253.2447298	156.0842896	1.1285	253.5460328	156.5286444	156.3840571
270.2897674	193.4783468	0.841333333	274.1158284	181.8700512	185.1374425
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317.2254266	194.4543648	0.7855	321.4314033	194.4543648	194.4543648
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305.0974919	139.5794832	1.404	307.1478239	138.8014242	139.1604207
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297.3362354	144.3033898	1.4735	297.5434616	144.1383227	144.4646394
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279.5994579	168.6863401	2.117166667	278.9356979	170.0981497	167.0709797
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320.0677064	194.4543648	1.583166667	322.4278586	194.4543648	194.4543648
283.9731105	160.4573572	1.9205	284.4512836	159.6614371	161.1306624
276.9457782	174.6191908	2.381525424	279.8001137	168.268575	173.96208
272.3876466	186.8330577	1.91	274.3219267	181.3066072	183.6814911
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272.7586372	185.7306263	1.5945	274.1485262	181.7802691	181.5557142
302.1969378	141.0057538	0.856833333	303.8639073	140.1386435	140.6126186
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247.9911127	149.3647193	1.346333333	250.0823642	151.8163877	150.188983
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284.075034	160.2861035	1.8485	285.3329199	158.2431366	159.1456628
271.4912665	189.5847153	2.621833333	273.8868966	182.5028159	186.3037637
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284.9062369	158.921689	3.544166667	286.6706329	156.2084197	156.8287119
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9/16/2019	1156	1.817118644	294.0847971
9/16/2019	1157	2.246	297.0783757
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9/16/2019	1216	0.953833333	275.4535768
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9/16/2019	1218	1.9625	291.7428906
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9/16/2019	1221	1.957166667	302.6833665
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9/16/2019	1225	1.608	307.0883801
9/16/2019	1226	2.219666667	288.3209602

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149.6611309	2.089333333	295.1690702	146.1680936
146.0821487	1.524666667	298.8769092	143.1296743
185.6966919	1.374666667	275.8494213	177.3073957
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138.0303863	1.613	313.3668521	137.555876
138.8213616	1.788666667	312.80318	137.6011306
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253.4725304	156.4196124	2.228333333	252.2466105	154.6604723	155.3856571
294.8178089	146.4947319	3.3365	298.3479988	143.5187619	144.6160112
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320.5104432	194.4543648	1.262	325.1567895	194.4543648	194.4543648
294.0042543	147.2782392	2.431333333	298.7981661	143.1866946	145.339195
298.7660189	143.2100642	2.810333333	303.1842863	140.4765194	142.4354202
318.4523237	194.4543648	2.397666667	321.3428321	194.4543648	194.4543648
330.3873414	194.4543648	2.474	334.6894754	194.4543648	194.4543648
329.9409878	194.4543648	1.628833333	333.6849421	194.4543648	194.4543648
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258.7248888	165.3214464	2.2655	260.9709548	169.8967941	166.9530169
220.1593934	137.992176	2.644	220.570466	137.9119328	138.0735968
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252.7886651	155.4246204	2.861	253.0344067	155.7781495	155.1183623
227.3249559	137.6132804	1.706166667	224.2642283	137.5113382	137.6036722
253.3040918	156.1712942	1.114833333	250.9756332	152.951055	155.5984199
269.9024897	194.1242706	2.586833333	271.3930636	189.8939494	188.7568888
276.1419605	176.575704	1.440333333	277.2054141	174.0037345	176.3561437
264.2978661	177.6798453	1.365	266.6985789	184.1547418	179.3230938
265.7202682	181.4214868	1.373166667	266.6198784	183.9298298	181.5767815
295.1554678	146.1806132	1.615	298.0495129	143.7446927	145.9020164
296.707347	144.8182859	1.045666667	307.8979286	138.5631299	143.7694619
238.7893771	141.5805659	1.385833333	240.1815934	142.4721831	140.8859615
277.2400351	173.922264	1.235166667	282.256333	163.4766326	171.2959777
277.9826572	172.2079402	2.459	281.1019436	165.6564227	170.8963191
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272.7652917	185.7110414	1.584833333	276.6268447	175.3861435	181.0253181
302.5450062	140.813955	2.48559322	306.4791131	139.0346767	139.859641
290.4394039	151.178281	2.792333333	295.3202811	146.029618	149.7066387
306.9076117	138.8829453	2.32	310.9369477	137.8464521	138.2096263
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331.7098051	194.4543648	2.588833333	336.8713254	194.4543648	194.4543648
357.6029846	194.4543648	2.614166667	2.200218808	187.3980063	189.7774161
348.8280304	194.4543648	2.417833333	352.9450289	194.4543648	194.4543648
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322.1926922	194.4543648	2.561333333	326.6944456	194.4543648	194.4543648
341.2142213	194.4543648	2.3475	348.0493821	194.4543648	194.4543648
327.5104593	194.4543648	2.193	331.8168447	194.4543648	194.4543648
277.7581378	172.7196063	2.0895	280.0891505	167.6740278	169.5631984
293.41516	147.8695192	1.514166667	296.0430986	145.3852289	146.4125325
341.3726152	194.4543648	1.833833333	347.8815001	194.4543648	194.4543648
301.7991562	141.2319788	2.183898305	303.2682597	140.433613	140.8511864
295.7878829	145.6094567	1.659333333	299.9042776	142.414426	144.0186362
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329.8961731	194.4543648	1.983166667	335.1383877	194.4543648	194.4543648
308.0776141	138.5096902	1.309666667	311.6650207	137.733253	138.1280973
321.9815305	194.4543648	1.497	329.0382665	194.4543648	194.4543648
322.8835468	194.4543648	1.6105	329.0173356	194.4543648	194.4543648
315.1504916	194.4543648	1.5265	319.9756314	194.4543648	180.2501722
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257.1442719	162.3930597	1.665333333	259.0565025	165.9654438	163.6645792
270.2748197	193.5283343	1.878833333	271.4562305	189.6948619	190.1060996
258.520974	164.9306523	1.482833333	258.388465	164.6788095	164.6916463
246.5040969	147.7872711	1.2155	243.0919663	144.6516828	147.9770233
216.1200907	139.1680609	0.839833333	219.712266	138.0876388	138.5738496
230.3413281	138.0996548	1.290166667	227.9774706	137.6858709	137.7787236
277.6936164	172.8677014	1.901833333	279.9323552	167.9955018	174.373413
292.9978959	148.3007275	2.824833333	295.3415104	146.010279	146.4143981
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275.0304852	179.4134273	1.034333333	283.8583826	160.6511723	177.3827231
282.3584347	163.2897702	0.575166667	285.3785686	158.1714033	157.1526505
351.5996094	194.4543648	1.239333333	355.1476736	194.4543648	194.4543648
318.5861478	194.4543648	0.583833333	319.8538314	194.4543648	180.4425996
357.1063341	194.4543648	1.391166667	0.786160013	191.8402503	192.5602618
34.36373578	139.9037245	1.746666667	36.39833345	139.0641897	140.3695264

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9/16/2019	1318	0.906166667	103.2425313
9/16/2019	1319	0.541	147.687284
9/16/2019	1320	0.560333333	169.155221
9/16/2019	1321	0.304	180.3337891
9/16/2019	1322	0.552333333	22.45588139
9/16/2019	1323	1.5305	304.4887584
9/16/2019	1324	2.469166667	343.4918997
9/16/2019	1325	1.638333333	34.56825737
9/16/2019	1326	1.413666667	4.467688953
9/16/2019	1327	1.102666667	4.884898595
9/16/2019	1328	2.258833333	358.0689748
9/16/2019	1329	2.4	347.524916
9/16/2019	1330	1.926333333	14.64584908
9/16/2019	1331	1.476	10.58650593
9/16/2019	1332	1.213166667	15.65617751
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9/16/2019	1336	0.795	53.00750798
9/16/2019	1337	1.090666667	102.2448211
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9/16/2019	1341	1.087666667	64.8083286
9/16/2019	1342	1.0925	56.25213038
9/16/2019	1343	1.3785	48.39973404
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9/16/2019	1350	1.041166667	359.5802612
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137.8629239	0.9825	54.06763356	139.2400843
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144.5162427	2.2865	31.97523381	141.1309119
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150.5987938	1.655666667	72.93316368	155.6319577
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171.057449	1.879166667	85.5958344	181.0834037
139.0170228	1.583333333	57.44192738	140.8068662
139.6775974	1.225666667	55.79834375	139.9786486
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144.6152355	1.704333333	66.38908103	147.6707753
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148.1328617	1.195166667	67.44798249	148.773042
147.1048847	1.2175	64.86958511	146.203699
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171.358417	1.377	102.2421325	163.5026969
172.5970589	1.0675	85.21796942	180.0696174
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51.46889431	138.381049	1.0775	54.15878307	139.2756216	138.6899197
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107.0559287	155.6476715	0.872	111.1585838	150.3278142	155.5614844
108.6375221	153.45935	0.907833333	109.3027753	152.5916116	151.8987125
55.31844068	139.7602816	1.277833333	54.83091501	139.5491516	142.7863457
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46.27028808	137.5338003	1.640333333	50.78583234	138.2040575	137.9227884
355.817471	194.4543648	1.855833333	1.026789576	191.061246	191.8239836
28.81952696	143.1711953	2.463	32.77075923	140.6926082	142.3777395
48.73545301	137.7927412	2.545	51.30419663	138.3365327	137.9876992
45.93775785	137.5184186	1.8825	45.59117085	137.5073194	137.689789
11.7946894	164.3334194	2.142833333	15.45771492	158.0474224	158.6738857
349.4327883	194.4543648	1.187333333	349.1491677	194.4543648	194.4543648
358.5667122	194.4543648	1.234	359.9999137	194.4543648	193.7326403
65.44818956	146.7467339	1.651166667	70.31253045	152.1036096	145.9845346
71.31426957	153.3954407	1.726	74.05380721	157.293134	154.2298316
82.96409147	174.4046418	1.851333333	84.90990575	179.2572058	177.2990159
80.14897693	168.1632381	1.977	80.09686848	168.0556942	172.0899463
54.17581344	139.2823025	1.7535	56.28162651	140.2092002	139.8288479
54.68286132	139.4871585	1.396666667	55.41848691	139.8049397	139.7370861
74.46889833	157.9329064	1.5645	76.66296672	161.5460349	160.7193409
64.84197299	146.1782569	1.758833333	66.26619466	147.547167	146.5028587
83.96903088	176.8520582	1.260833333	84.05654717	177.0710423	181.7671677
85.48025406	180.7712644	1.493666667	88.06021495	188.1920629	185.6837387
59.10092289	141.7718567	1.293833333	57.77592413	140.9905939	144.9170886
65.09325284	146.4113697	1.227118644	66.87289223	148.1660888	146.9715106
79.30059601	166.4462651	1.196666667	82.06409859	172.3140258	168.7375867
100.4624405	166.9186204	1.488833333	100.459145	166.9252287	167.1762408
81.72590473	171.5521897	1.133333333	81.83029487	171.7859873	174.0012133
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9/16/2019	1413	1.763166667	311.9393967
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9/16/2019	1416	0.957666667	288.909395
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9/16/2019	1424	1.120833333	227.0013605
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9/16/2019	1427	0.586666667	204.4358322
9/16/2019	1428	0.502	132.7240176
9/16/2019	1429	0.600666667	176.2959843
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9/16/2019	1431	0.7815	172.8336324
9/16/2019	1432	1.204166667	152.1026259
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259.2024439	166.2522253	0.977166667	266.4928636	183.5687305	168.9601909
297.2252709	144.3927117	1.216333333	296.9012643	144.6572674	144.9019919
312.5274341	137.6281328	1.474	315.6331049	194.4543648	166.3388234
312.9320727	137.5896053	1.810166667	315.6645374	194.4543648	166.35489
313.7408019	137.5332126	2.207333333	318.1211674	194.4543648	166.0345875
316.3047419	194.4543648	2.7945	320.5812279	194.4543648	194.4543648
308.8317354	138.3006736	1.8745	310.9597373	137.8425684	138.2124881
293.1976623	148.0929918	1.3445	292.4123897	148.9234251	148.7917395
289.975124	151.7451998	1.694166667	289.2115799	152.7087676	150.872753
250.7560191	152.6670781	1.216	253.6398708	156.6684378	154.6805767
273.8681095	182.5550685	1.548166667	276.4011882	175.9361764	181.680679
275.3162343	178.6687649	1.398	278.0782522	171.9918041	174.7598451
275.1106008	179.2035706	1.120666667	278.6587158	170.7011097	177.803826
278.4584896	171.142147	0.5495	272.2491556	187.2499772	170.3764346
246.6844711	147.9715389	1.082833333	249.3083533	150.8761894	149.7616882
227.3678526	137.6175022	1.225166667	227.6328758	137.6453016	137.671419
219.672147	138.096622	0.783666667	216.8303718	138.9096976	138.0901589
206.0569472	145.373164	1.641833333	204.7570639	146.5519261	144.8923276
197.6332811	154.8279495	0.531333333	209.6330846	142.5980833	147.9343059
144.4312967	139.3840824	0.528666667	144.4483511	139.3909806	138.6075542
171.0111528	169.9833899	0.706	173.9638669	176.8391667	176.0875406
183.9970354	182.1974817	0.776833333	181.5463583	189.4119192	186.3087409
170.1345493	168.133434	0.866	162.5673331	155.1100152	166.414881
153.5832465	145.0633669	1.2945	153.2052306	144.7454455	145.3570286
122.3149126	140.940104	0.499333333	122.3992711	140.8935643	140.6106245
174.2745704	177.6207546	0.995	168.6001372	165.0818974	172.1582989
166.468383	161.2093189	1.581166667	166.6067728	161.4484589	159.8072217
153.8499517	145.2923265	0.817966102	149.7096304	142.1592573	144.4842748
183.832574	182.6540387	0.6165	183.0555167	184.863304	182.284742
190.5661255	166.7112577	0.286333333	193.9214056	160.544567	166.8067064
230.304132	138.0913022	0.538833333	248.6908546	150.1539642	141.1645429
123.1467021	140.4958294	0.715	110.3205082	151.3221114	142.2022965
182.3829158	186.8472509	1.224	184.2806193	181.4190679	185.5551415
188.4376151	171.1883787	1.197	185.4481558	178.3285518	172.4167855
199.4954355	152.3459642	0.833333333	208.316449	143.5424251	152.2966744
215.0739263	139.5895177	1.048833333	219.6183523	138.1087756	140.9254335
199.1868804	152.7405959	1.147666667	200.5777949	151.0120289	153.7347206
218.8917599	138.2850927	1.118666667	225.4394991	137.5040453	138.5753448
217.6667262	138.6339586	0.824166667	219.3667152	138.1672729	138.5033403
188.7483243	170.5051383	1.416666667	187.7134135	172.8222112	170.8359251
177.9711559	187.9193309	1.504166667	177.8707784	187.6134258	187.7159674
181.4032154	189.8619094	0.969666667	180.5685089	192.5532934	189.6531988
248.7888967	150.2670075	0.742	246.9028986	148.1972665	154.9937067
148.3119209	141.2964973	1.5035	149.4731404	142.0065921	141.3163841
146.4653581	140.2996706	1.101833333	144.9004687	139.578616	140.3766652
150.018257	142.3626371	1.858833333	151.832482	143.6548209	142.546402
178.4388788	189.3656984	2.228	176.4450693	183.4334525	184.4691447
176.9238414	184.8034845	2.154333333	176.0372225	182.2922722	187.0400085
180.8539111	191.6199318	2.783666667	179.3857544	192.402786	192.3680034
182.4155691	186.7493552	2.417166667	181.002263	191.1402036	189.6598297
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9/16/2019	1502	1.6395	160.2419528
9/16/2019	1503	1.152833333	140.4293624
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9/16/2019	1506	1.202333333	237.7412125
9/16/2019	1507	1.8575	190.9702742
9/16/2019	1508	2.069166667	166.3048774
9/16/2019	1509	1.585166667	153.0687857
9/16/2019	1510	2.076666667	151.4883533
9/16/2019	1511	1.971333333	136.51512
9/16/2019	1512	1.935666667	142.8561833
9/16/2019	1513	1.935833333	197.1669928
9/16/2019	1514	2.671833333	201.0116858
9/16/2019	1515	1.530833333	186.7115018
9/16/2019	1516	1.112166667	185.633583
9/16/2019	1517	1.326666667	161.5878407
9/16/2019	1518	1.401666667	170.0988361
9/16/2019	1519	1.608474576	194.1818386
9/16/2019	1520	1.491333333	186.9993686
9/16/2019	1521	1.232666667	207.7175877
9/16/2019	1522	1.463166667	200.8781897
9/16/2019	1523	1.483833333	189.5268504
9/16/2019	1524	0.9655	159.716708
9/16/2019	1525	1.276	145.2456421
9/16/2019	1526	1.116166667	151.3324998
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9/16/2019	1528	0.691833333	234.0559901
9/16/2019	1529	0.776333333	169.7648285
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9/16/2019	1531	1.040333333	143.1263046
9/16/2019	1532	0.682833333	182.9432295
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9/16/2019	1542	2.0485	167.468658
9/16/2019	1543	1.6505	197.8447683
9/16/2019	1544	1.408	203.7767258
9/16/2019	1545	1.6675	205.393635
9/16/2019	1546	1.106333333	216.5895409
9/16/2019	1547	1.503666667	257.4777669
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9/16/2019	1550	1.688333333	207.8445611

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163.9914693	1.606833333	196.4016715	156.6064684
144.2025983	1.741666667	209.9456347	142.38674
140.9712539	1.275833333	243.0477224	144.6152432
165.9130504	1.915	191.9832196	163.981148
160.9288977	2.084833333	168.6859012	165.2464232
144.632578	1.6135	159.5308855	151.1424838
143.3968442	2.152666667	154.4341844	145.8074815
137.5480893	2.049666667	139.3450975	137.8963404
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150.4988251	3.0185	202.7953577	148.5137872
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174.491507	1.537333333	190.6732599	166.4981089
144.0013684	1.347333333	212.622955	140.7717853
150.6554319	1.444166667	207.2720339	144.3549898
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139.7280718	1.502833333	150.2940707	142.5483911
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149.4817688	0.851333333	197.6309855	154.8311605
139.2355715	0.760833333	239.9994201	142.3500888
167.3768738	0.784	177.151951	185.4680334
137.5345784	1.4195	138.4362407	137.7476543
138.89466	1.178333333	142.5621123	138.7063597
185.189808	0.7775	184.8761974	179.8199526
166.7567149	1.5935	168.4658552	164.8256945
190.989012	1.291666667	187.4865839	173.3461073
143.1082189	1.58	211.0968638	141.6498693
137.5026917	2.571833333	227.4556954	137.6263889
139.4406975	2.004166667	238.6105458	141.4728833
161.9268884	1.957833333	197.0800235	155.6129717
154.0924044	2.8895	199.3478165	152.5339573
151.2698941	3.0695	200.6398346	150.9379035
181.036707	2.732666667	186.6795125	175.2586524
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154.5337522	1.734666667	199.9400404	151.7886179
147.5042029	1.433666667	206.0311185	145.3956745
145.9629026	1.763833333	210.4042179	142.0854199
138.9947988	1.149333333	221.5272275	137.7529562
162.9919631	1.817166667	263.6785639	176.1320512
137.5669926	2.238166667	230.0669383	138.0394312
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167.5687421	163.1570692	1.629	166.867206	161.9029888	160.0392655
138.2517198	137.7217363	1.427	139.3291719	137.8934335	137.7879882
162.4836273	154.991968	1.9235	164.6835264	158.2690213	155.1006731
145.4352903	139.812485	1.3315	146.1931983	140.1662128	139.3054112
193.8622943	160.6445458	1.807833333	194.0348674	160.3534879	160.3989928
207.9148632	143.8481241	1.945333333	207.6754512	144.0343638	143.6179566
236.2429259	140.1903424	1.374833333	238.9949058	141.7062333	141.8707682
191.4156791	165.0516322	2.199166667	191.0850905	165.6891768	165.1587519
167.5963973	163.2074071	2.373166667	167.1320144	162.3712356	162.9384909
159.850065	151.5300766	1.8	163.7678579	156.8601863	151.0413312
153.5067332	144.9983948	2.443333333	153.9184866	145.3517877	144.8886271
139.6347239	137.9510875	2.330833333	139.9047962	138.0053559	137.8502183
145.0480865	139.6418733	2.274666667	146.1986295	140.1688426	139.6350573
199.0411233	152.9292712	2.363	198.8585656	153.1676419	153.403548
201.3690679	150.085173	3.310166667	201.1140059	150.3795639	149.8693373
189.1976757	169.5353929	1.794833333	187.8489063	172.5120657	171.730626
184.4860453	180.86209	1.294833333	182.4837607	186.5454406	180.4062356
164.9722779	158.7270028	1.519833333	164.3377605	157.7293294	156.1852072
172.7102733	173.8055733	1.631333333	173.2353751	175.0533271	172.0657545
194.1076038	160.2315629	1.9575	194.1461987	160.1670481	159.6676903
189.1966034	169.5376813	1.732666667	190.6092858	166.6252526	169.2881375
211.2315141	141.5679067	1.4475	214.2138639	139.9729635	141.578506
204.1261338	147.158436	1.637166667	207.2928424	144.3382417	146.6267749
188.8797757	170.2192226	1.537666667	187.0296962	174.4193991	171.1743193
160.6419212	152.5208405	1.219833333	154.9538952	146.2816482	151.1586944
148.0019012	141.117896	1.544333333	148.3632922	141.3265357	141.1802237
157.9174795	149.2834421	1.261833333	159.3015778	150.8681319	147.9305746
196.4906516	156.4741764	0.926833333	194.1157746	160.2178943	155.25125
241.1921788	143.1796861	0.754333333	244.7317548	146.0771269	142.7106183
171.5993644	171.2703963	0.9035	172.8494068	174.1330261	174.5620824
137.7918919	137.6634009	1.553	136.655655	137.5574273	137.6257652
142.0884392	138.5590264	1.163	137.4196741	137.6227055	138.4456879
183.0435331	184.8980605	0.829	182.9240073	185.2458888	183.7884275
169.4801296	166.8036335	1.666166667	166.237331	160.8137181	164.7999402
185.5936838	177.9558406	1.386833333	186.2117406	176.4027407	179.6734252
213.0745427	140.5330878	1.752	215.6762572	139.3408791	141.1580138
226.6891761	137.5597771	2.963833333	228.2220404	137.7177018	137.6016399
236.5336126	140.333677	2.286666667	239.1238439	141.7861163	140.7583436
195.8942741	157.37242	2.419	197.1905141	155.4544007	157.5916702
199.0268713	152.9477979	3.262333333	198.3406217	153.8565304	153.3576725
200.6083591	150.9754794	3.4225	199.4311361	152.4276683	151.4027363
183.7497408	182.8854287	3.130833333	182.9163009	185.2683876	181.1122939
167.7368387	163.4641063	2.459166667	167.6210449	163.2523286	163.562428
199.5599783	152.2642316	1.92220339	200.3426525	151.2952528	152.4704636
205.7474538	145.6453058	1.654833333	206.4636646	145.0234942	145.8921693
208.3135897	143.5445721	1.976333333	210.0635448	142.3082721	143.4752917
218.4492063	138.4036222	1.274	225.8208375	137.5141117	138.1663722
258.045295	164.034217	1.964	261.0702256	170.1109585	168.3172975
226.6397409	137.5563282	2.545	228.0250982	137.6918718	137.713656
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9/16/2019	1553	2.377457627	204.3319627
9/16/2019	1554	2.655166667	205.9070358
9/16/2019	1555	2	222.8239412
9/16/2019	1556	2.015666667	202.2063705
9/16/2019	1557	1.7335	197.9175756
9/16/2019	1558	1.7205	209.6287213
9/16/2019	1559	1.726166667	218.8542438
9/16/2019	1600	1.5065	204.0901028
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9/16/2019	1606	0.885	169.2461126
9/16/2019	1607	1.161833333	159.4633988
9/16/2019	1608	1.188333333	175.6524411
9/16/2019	1609	0.7225	180.766292
9/16/2019	1610	0.951666667	165.3182357
9/16/2019	1611	1.358833333	161.9849353
9/16/2019	1612	1.742833333	156.0310493
9/16/2019	1613	1.747833333	187.2368936
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9/16/2019	1617	2.2055	172.2432015
9/16/2019	1618	2.3245	172.9843265
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9/16/2019	1620	1.202333333	181.1159777
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9/16/2019	1622	1.916833333	178.941562
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9/16/2019	1633	0.957833333	185.4198111
9/16/2019	1634	0.530833333	197.4298952
9/16/2019	1635	1.219833333	194.5019381
9/16/2019	1636	1.3725	182.6176211
9/16/2019	1637	0.627166667	227.3924545
9/16/2019	1638	0.605333333	236.3338131
9/16/2019	1639	1.615833333	182.0039447
9/16/2019	1640	1.759833333	169.7580024
9/16/2019	1641	1.561333333	177.7252749

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145.5043259	2.851833333	207.9225799	143.8421711
137.599227	2.202833333	226.5886173	137.5528695
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166.338439	1.030166667	169.0915133	166.0340532
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191.8941513	1.752666667	186.7549062	175.0767286
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179.8805596	1.213666667	174.4195956	177.9897384
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159.5782348	1.147	200.0762925	151.620455
186.1472128	1.468166667	186.0121998	176.8989426
137.6199583	0.652333333	228.7561029	137.7959925
140.2347387	0.5815	240.2409719	142.5123359
187.9954568	1.8045	184.0035561	182.1794579
167.3630349	2.008333333	172.7219192	173.8328955
187.1727793	1.689	179.2135678	191.8393637

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208.2909772	143.561567	3.313166667	208.4426304	143.4480934	144.0890394
222.1695289	137.6679526	2.5465	223.2387166	137.5649916	137.5962602
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201.2216075	150.2548669	2.168833333	203.3121902	147.9749679	150.4995727
209.8372247	142.4594946	2.072833333	210.5182367	142.0121103	142.3082575
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260.5458589	168.9914836	1.847	264.359922	177.837589	171.6306337
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168.6163862	165.1130151	0.979833333	167.3930988	162.838972	165.0811198
159.5147667	151.1230869	1.402333333	154.6584643	146.010256	149.5403182
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168.1634339	164.2548879	1.137666667	169.0301882	165.9139548	163.5593648
161.4881641	153.6267335	1.500333333	161.0875875	153.0970937	153.5813098
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192.878679	162.3522074	2.2035	193.6215249	161.0548386	165.7894166
190.7064228	166.4323581	2.361166667	190.5202505	166.8028735	166.8493122
197.0189656	155.7009867	2.637833333	196.567526	156.3603659	156.0115458
185.8489297	177.3086343	2.337833333	185.8828129	177.2233372	178.8897115
175.3545498	180.4338356	2.656271186	174.3352454	177.7748035	177.7359341
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167.8199186	163.6168038	2.7345	166.8558857	161.8831087	161.4818931
186.3979642	175.9440796	1.633	190.8815193	166.0869813	175.3618235
186.2428808	176.3257475	1.914333333	186.887199	174.7591498	179.5139443
183.7390355	182.9154042	2.407833333	185.2038113	178.9604696	183.3209407
223.0880555	137.5765913	2.116666667	223.3163625	137.5593856	137.5532972
215.7462473	139.3130427	1.582166667	217.5598518	138.6674874	138.9986854
172.627554	173.6119599	1.274666667	171.9105054	171.9664526	170.6043925
174.6183741	178.4998458	1.279	173.8338831	176.5157598	178.2214759
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163.5801482	156.5793897	1.346666667	161.4736048	153.6072875	154.5626379
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170.5919207	169.0886643	1.096333333	170.4654722	168.822413	164.9721161
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185.8998087	177.1806064	1.622833333	188.1269329	171.8821313	178.0272233
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173.2016686	174.9722532	1.378333333	173.6007252	175.9408668	176.4045533
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152.9043196	144.4978534	1.550833333	151.7177106	143.5681035	143.5787659
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151.9380423	143.7351807	1.777833333	152.3326944	144.0407531	143.6510464
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198.0527354	154.2475855	1.856666667	200.4605993	151.1527375	153.8350118
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188.182647	171.7569366	1.683833333	185.2194137	178.9198878	174.8065767
171.4389901	170.915781	1.704	170.9457716	169.8426314	168.5200747
164.4211372	157.858606	1.635833333	164.7809119	158.4227369	156.7877509
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177.3802848	186.1410046	1.344	177.4815723	186.4420468	184.7154518
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183.3899424	183.9018266	1.843333333	185.2123423	178.9382766	185.0371033
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182.4483946	186.651108	1.862833333	182.9919132	185.048019	186.3992132
175.9253904	181.9834411	2.1025	174.8653634	179.1407747	179.9287319
186.160873	176.5287665	1.868135593	187.2975677	173.7871865	177.7589882
195.0967744	158.616873	2.278166667	194.9863786	158.7931241	159.5920976
194.5785835	159.4527425	1.6185	194.2793618	159.9454085	159.990937
197.9566962	154.3793527	1.941	197.2665384	155.3458168	156.6783754
198.1826423	154.0703968	1.566	198.2829582	153.9343886	153.2750573
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9/16/2019	1740	1.5225	195.6707699
9/16/2019	1741	1.3795	201.5159583
9/16/2019	1742	1.434666667	187.429177
9/16/2019	1743	1.466833333	191.0078534
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9/16/2019	1750	1.461666667	205.302405
9/16/2019	1751	1.466	202.0264785
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9/16/2019	1802	1.154666667	202.8567772
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141.8831617	1.111333333	213.9372334	140.1034633
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138.8766997	1.050833333	220.8465295	137.8620776
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191.7725256	164.3750493	1.7515	191.4533113	164.9797166	165.4762148
194.2238098	160.0376909	1.662833333	195.5512036	157.9016126	160.2448548
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206.0419659	145.3862162	1.364833333	207.7783103	143.9539823	146.5229783
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207.6100419	144.0857678	1.412	208.984699	143.0521319	146.2191704
210.2030264	142.2163375	1.527166667	211.0100878	141.7031557	143.3982361
209.7277695	142.5335442	1.488166667	211.6442647	141.322109	143.9092519
213.7735713	140.1823247	1.398833333	214.592787	139.7998846	142.2505546
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221.7170886	137.7260165	1.022166667	226.4023707	137.5411966	137.8500762
223.5271002	137.5454458	1.020166667	226.3497201	137.5381606	137.6833085
224.3655358	137.5084307	1.008166667	228.0307019	137.6925841	137.6093383
225.1274104	137.50034	0.99	226.6317119	137.5557778	137.5809935
224.9750764	137.500013	0.993666667	226.6947131	137.5601697	137.5676386
224.9020728	137.5002008	1.011333333	226.2986734	137.5353281	137.5306251
224.9636361	137.5000277	1.012333333	227.2210409	137.6033743	137.545807
225.0016711	137.5000001	0.839833333	227.3071974	137.6115554	137.5360886
225.591081	137.5073171	0.8265	226.1850039	137.5294133	137.5718971
224.5559881	137.5041288	0.722333333	223.2903078	137.5612385	137.5500256
225.583653	137.5071344	0.684666667	223.6684792	137.5371382	137.5441797
223.791022	137.5306157	0.615333333	222.1914906	137.6653538	137.7169604
216.8342866	138.9083354	0.584	214.226658	139.9670127	139.6679635
194.6221502	159.3816253	0.660166667	196.1183222	157.0317635	160.5566357
152.6872705	144.3222566	1.459833333	155.0161413	146.3394548	143.4247408
155.048283	146.3693896	1.5875	157.3321828	148.6492217	145.8135424
152.6533811	144.2950648	1.1935	155.8437997	147.129014	144.0869113
137.324971	137.6132819	1.420666667	142.9635895	138.8389194	137.8904824
144.1535677	139.2735783	1.308	147.8327896	141.0224004	139.583584
154.0916706	145.5031888	1.313166667	156.0851272	147.3666463	145.4921743
142.8108095	138.7876414	1.257666667	147.8363953	141.0244223	139.2704248
145.4834355	139.8341747	1.285666667	150.0465665	142.3815286	140.7957236
148.156498	141.2063854	1.268833333	153.0144522	144.5879104	141.953808
152.6876644	144.322573	1.114666667	157.9833134	149.3560944	144.8414834
153.51599	145.0062385	1.322833333	155.1956102	146.5073486	144.5849974
156.2532215	147.5341692	1.248333333	157.8935598	149.2571113	147.9933884
155.0839353	146.4026622	1.438833333	157.8198293	149.1761706	145.8174533
156.2160974	147.4970293	1.291355932	157.8016335	149.156247	148.8396439
157.2476619	148.5593597	1.267666667	158.7612216	150.2350361	149.4083235
155.3056048	146.6111511	1.268833333	157.4787449	148.806072	147.9520425
155.9912248	147.2737799	1.290666667	158.0385804	149.4172925	149.2067918
152.7222729	144.3504053	1.43	155.6447253	146.9355232	145.4025452
156.9603054	148.257064	1.4655	159.4158729	151.0044517	149.8674187
154.5102449	145.8759353	1.547333333	156.5755053	147.8599908	147.2815971
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9/16/2019	1915	1.1705	148.3721132
9/16/2019	1916	1.160166667	148.3375749
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9/16/2019	1919	0.888666667	141.7530102
9/16/2019	1920	0.780833333	143.4756248
9/16/2019	1921	0.820666667	143.3261141
9/16/2019	1922	1.058	136.6315112
9/16/2019	1923	0.685666667	122.3297773
9/16/2019	1924	0.635	125.138604
9/16/2019	1925	0.962166667	124.7832012
9/16/2019	1926	1.053666667	123.5548008
9/16/2019	1927	0.834	124.3226886
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9/16/2019	1929	0.538333333	132.4848644
9/16/2019	1930	0.713333333	117.8332258
9/16/2019	1931	0.885166667	111.6709753
9/16/2019	1932	0.8005	112.1846963
9/16/2019	1933	0.767666667	117.2418934
9/16/2019	1934	0.752166667	115.9711545
9/16/2019	1935	0.790833333	119.5390082
9/16/2019	1936	0.769666667	124.6837373
9/16/2019	1937	0.6565	134.545593
9/16/2019	1938	0.6405	135.9368715
9/16/2019	1939	0.5925	135.5616689
9/16/2019	1940	0.760833333	130.5069661
9/16/2019	1941	0.836833333	127.8561254
9/16/2019	1942	1.153666667	130.5026069
9/16/2019	1943	1.128833333	130.3110204
9/16/2019	1944	0.96	127.5396018
9/16/2019	1945	1.143333333	117.6004251
9/16/2019	1946	1.096	112.7262305
9/16/2019	1947	1.027333333	116.1289826
9/16/2019	1948	1.031333333	120.4693068
9/16/2019	1949	1.094666667	114.9605559
9/16/2019	1950	0.980833333	116.4682547
9/16/2019	1951	0.899322034	122.5140666
9/16/2019	1952	0.7305	120.5532462
9/16/2019	1953	0.661166667	115.2957878
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9/16/2019	1959	0.6925	111.5907559
9/16/2019	2000	0.525333333	99.09316398
9/16/2019	2001	0.468833333	99.40516327
9/16/2019	2002	0.556	107.9045905
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9/16/2019	2004	0.4445	118.6504098
9/16/2019	2005	0.527	119.5849214

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138.4606008	1.093666667	145.081777	139.6564484
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138.964703	1.044666667	145.6814858	139.9245083
137.555764	1.181	137.7592471	137.6595984
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137.9238586	0.9415	134.1837546	137.5139542
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137.9246836	1.277833333	133.3391446	137.5577887
137.9617402	1.2355	132.6386043	137.6168618
138.6738965	1.117333333	129.9074844	138.044909
144.0933444	1.285833333	121.8449517	141.2055503
148.5870711	1.328166667	117.053933	144.5319149
145.3105759	1.238135593	120.852274	141.8010011
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146.3611518	1.3235	119.8260841	142.4670043
145.0195992	1.222666667	120.2666646	142.1747117
140.8307724	1.1235	126.6657532	138.9675912
141.9897286	0.947	124.5532343	139.8176452
146.0519616	0.829833333	119.9466713	142.3860471
151.3673101	0.809833333	114.6830369	146.6219092
157.3780303	0.825666667	111.9949328	149.3801602
161.823462	0.956	109.5014041	152.3383942
158.9736023	0.926666667	111.0103818	150.5003493
154.0745474	0.9465	112.985254	148.3139541
149.8326444	0.883666667	114.7703063	146.5394399
169.759023	0.6295	104.331132	159.8596395
169.094824	0.593166667	107.2217558	155.4097273
154.4511185	0.700666667	113.4413494	147.8427994
152.8319932	0.737833333	113.5505682	147.7318054
143.294543	0.629	120.3415545	142.1259819
142.6310842	0.636	124.1712709	139.9928284

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146.4417857	140.2879762	1.556666667	150.7310582	142.8504758	141.6160758
147.4251508	140.7977764	1.574166667	150.5720121	142.7394197	142.1416372
145.8514108	140.0034407	1.436666667	150.4744673	142.6719366	141.3536481
139.8881742	138.0019261	1.287333333	143.5077395	139.0299006	138.787219
139.6409371	137.952301	1.229	141.1818702	138.3042269	138.7829296
140.8034034	138.2083587	1.306166667	141.6553956	138.4328748	138.8826112
133.7837067	137.5309874	1.411666667	136.4692361	137.5452199	137.5728924
122.3643242	140.9128033	1.026333333	123.7773758	140.1804775	140.2467401
124.0621154	140.0441162	1.076333333	126.4261901	139.0539796	139.2404101
124.5065203	139.838713	1.4955	129.3984835	138.1597381	139.1102216
124.3410392	139.9141442	1.547666667	129.4224555	138.154081	139.2862344
122.6356833	140.7649265	1.362	125.3046007	139.4923702	139.7086778
133.9052277	137.5251039	1.012666667	131.9171858	137.699272	138.5478076
127.1732398	138.7929471	0.992166667	126.1349241	139.1624366	138.2720067
113.746445	147.5345032	1.298	119.237971	142.8722498	144.1169691
110.9580643	150.5615921	1.391333333	117.3941983	144.2569909	147.5560859
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117.5549807	144.1292135	1.298833333	123.6893559	140.223385	142.9398991
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124.431552	139.8727311	1.350833333	129.5443973	138.1256861	139.0505463
131.5218106	137.7537472	1.162	133.6225592	137.5397446	137.6162924
131.8798966	137.7041279	1.086666667	131.9963315	137.6891599	137.6598862
132.846783	137.5971536	1.130833333	134.5415149	137.5044024	137.6099021
127.9585152	138.5449542	1.347	132.5776146	137.6229808	137.901437
128.3401627	138.4341274	1.447288136	134.0735935	137.5179754	138.079951
130.2936232	137.9651826	1.546	134.9055278	137.5001869	137.7369604
129.6316582	138.1057579	1.5835	133.9311263	137.52393	137.8020725
126.513458	139.0222162	1.460666667	131.4955762	137.7575954	138.3746543
118.1823337	143.6435884	1.603333333	124.2916246	139.936911	142.2198485
113.4448457	147.8392354	1.628333333	117.3733309	144.2736747	146.307974
118.0393404	143.7524738	1.577333333	120.72141	141.8830569	143.1867769
121.9660835	141.1361277	1.579833333	126.1787513	139.1458763	140.460194
117.1178185	144.4798288	1.609	116.8659286	144.6864581	144.4986107
117.872006	143.881243	1.556	118.2427007	143.5979385	143.6683731
125.240805	139.5189978	1.538166667	126.2669689	139.1128014	139.6075407
123.1266162	140.506176	1.362	125.1053089	139.5761601	140.4724275
119.4415557	142.7300047	1.210833333	122.0752674	141.0741511	143.0605411
112.2807988	149.0662419	1.2075	116.280486	145.1798658	148.0588317
108.8471835	153.18258	1.237166667	111.5549088	149.8732687	152.4535098
108.1904575	154.0597753	1.350166667	110.7324598	150.8276987	154.7623326
107.8501176	154.5263525	1.298166667	110.3313922	151.3089063	153.8273026
111.8421648	149.5499908	1.306666667	111.1891829	150.2923655	150.5577145
111.4577631	149.9837671	1.241	110.0163163	151.6943262	149.5125444
98.6750569	170.6653074	0.985166667	103.8126658	160.728714	165.253171
104.8914637	158.9454451	0.9615	109.9607719	151.7629516	158.803237
113.3630404	147.9228149	1.0585	114.9345478	146.3854039	149.1505342
110.1705826	151.5048008	1.002833333	112.3167387	149.0271308	150.2739326
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9/16/2019	2007	0.39	130.9245504
9/16/2019	2008	0.403666667	124.5899786
9/16/2019	2009	0.342333333	125.0796444
9/16/2019	2010	0.377	126.7822944
9/16/2019	2011	0.362666667	125.9413066
9/16/2019	2012	0.3925	113.0329753
9/16/2019	2013	0.540833333	119.5914921
9/16/2019	2014	0.543	118.2185723
9/16/2019	2015	0.368833333	100.9467554
9/16/2019	2016	0.304166667	85.60153912
9/16/2019	2017	0.372333333	91.75754683
9/16/2019	2018	0.417666667	93.31917041
9/16/2019	2019	0.391666667	97.28923005
9/16/2019	2020	0.308	96.58619882
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9/16/2019	2022	0.325	103.9906727
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9/16/2019	2026	0.151694915	165.8955018
9/16/2019	2027	0.070833333	199.7902884
9/16/2019	2028	0.094333333	256.8586279
9/16/2019	2029	0.226166667	278.9287961
9/16/2019	2030	0.311	283.7860204
9/16/2019	2031	0.270333333	281.7058957
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9/16/2019	2034	0.1545	28.65480872
9/16/2019	2035	0.217166667	10.16832082
9/16/2019	2036	0.2235	348.3757264
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9/16/2019	2038	0.248166667	11.24933706
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9/16/2019	2040	0.238666667	15.76207996
9/16/2019	2041	0.204833333	1.751169082
9/16/2019	2042	0.191	352.7704086
9/16/2019	2043	0.197333333	351.2229748
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9/16/2019	2046	0.221833333	346.3937184
9/16/2019	2047	0.231833333	345.5119025
9/16/2019	2048	0.238666667	340.0367274
9/16/2019	2049	0.248333333	320.2763921
9/16/2019	2050	0.275666667	304.4692146
9/16/2019	2051	0.338166667	292.1682431
9/16/2019	2052	0.308333333	301.676348
9/16/2019	2053	0.242666667	317.6042102
9/16/2019	2054	0.214333333	345.2476541
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9/16/2019	2056	0.228333333	3.486767089

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167.5126497	0.242333333	20.23147599	151.430422
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175.9263755	0.2525	17.06374167	155.636415
165.3711224	0.320333333	20.0493381	151.6536246
156.7747069	0.357	26.33098327	145.1365767
157.5752425	0.3365	26.41706204	145.0631042
188.7738069	0.266	14.01858204	160.3808472
194.4543648	0.262666667	7.857943856	172.4914525
194.4543648	0.274833333	7.963612178	172.2511224
194.4543648	0.295166667	2.549704113	186.3489225
194.4543648	0.297666667	356.4910123	194.4543648
194.4543648	0.283833333	1.29027772	190.2192966
194.4543648	0.296833333	1.495645356	189.5709632
194.4543648	0.326333333	351.9772613	194.4543648
194.4543648	0.325166667	333.1654969	194.4543648
139.8556091	0.355166667	313.5483239	137.5441452
149.1892419	0.410833333	299.6437467	142.5907934
141.3033457	0.395833333	309.8953914	138.0475086
194.4543648	0.338666667	324.5641018	194.4543648
194.4543648	0.299833333	347.4452228	194.4543648
191.6292396	0.334333333	2.252939296	187.2385474
183.6264836	0.327118644	7.336143139	173.6968329

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126.2095818	139.1342779	0.836333333	128.334724	138.4356624	139.170314
128.075157	138.5104115	0.726	125.818749	139.2844384	138.3131541
127.6085699	138.6521417	0.681666667	125.9927575	139.2167431	138.9273615
128.0833299	138.5080133	0.713	128.191105	138.4766601	138.716341
129.2838617	138.1871278	0.679333333	128.2743408	138.4527905	138.384162
125.296786	139.4956221	0.716833333	124.8988328	139.6648602	139.2270204
117.5733918	144.1146686	0.7985	120.8505194	141.8020958	144.3338518
125.2702437	139.5066876	0.929	125.1633838	139.5515585	140.2028433
121.8925828	141.1781688	0.876333333	122.8670625	140.641571	141.7490549
107.0479016	155.6592411	0.63	114.9555167	146.3658478	155.5961964
96.35908114	176.0394964	0.612333333	110.5329262	151.065794	172.1286864
96.12704686	176.6127482	0.660833333	103.9850064	160.4373244	173.5523591
97.82661785	172.5629415	0.683	102.2977928	163.4006404	171.3979818
101.4011852	165.0793661	0.673	106.3236228	156.7230036	164.012673
101.5302223	164.8331544	0.616	104.8917074	158.9450531	165.1869254
105.1993435	158.4539944	0.627833333	106.1206503	157.028244	159.5313453
107.7530256	154.6609781	0.606333333	107.5903981	154.8879976	155.8102671
103.2912895	161.6256672	0.529833333	104.7786443	159.1274487	160.9902187
113.3896465	147.8955884	0.444666667	112.6175449	148.7028761	148.0245811
135.3908363	137.5031991	0.371666667	125.8064278	139.2892829	142.1812989
142.110671	138.5657227	0.3675	130.7118803	137.8859899	145.6190884
147.1284818	140.6392201	0.202833333	134.9420244	137.5000704	148.3607252
222.4378718	137.6375913	0.085666667	182.3044427	187.0831845	161.2731648
276.3648268	176.0253854	0.251166667	274.8708772	179.8340266	173.1889262
282.6290023	162.7991422	0.401833333	279.6100215	168.6642434	161.6626903
275.2960417	178.7210382	0.312833333	271.436319	189.7575483	174.3763188
274.0732244	181.9872557	0.321	273.781364	182.7969768	174.7852182
294.2590071	147.0288054	0.214333333	281.8154847	164.2944015	149.3034483
355.3737325	194.4543648	0.1825	348.5054597	194.4543648	172.2677717
3.358449771	183.9916746	0.198166667	3.644183664	183.1817035	171.5291124
353.7853543	194.4543648	0.150833333	357.8112772	194.4543648	194.2007266
13.21860126	161.752579	0.2255	23.3495961	147.9365888	160.3129896
16.28646931	156.7786412	0.225333333	30.55800174	141.986693	153.9475203
23.2213658	148.0685008	0.260666667	37.66048018	138.6359045	147.1539222
25.48580572	145.8794984	0.278166667	40.79188204	137.8716896	146.5973837
11.60725623	164.6869159	0.269833333	25.68799134	145.6981959	164.8849415
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9.121652261	169.6979504	0.273666667	22.32707878	149.0158929	171.3548326
1.991561738	188.0333518	0.264666667	14.58476223	159.4426471	182.0698215
354.3605967	194.4543648	0.246333333	0.835132693	191.6809195	193.7610035
3.437476351	183.7664844	0.256	2.651701604	186.0462585	188.6216011
358.8528761	194.4543648	0.252	4.892177781	179.7777006	189.5643483
350.1261229	194.4543648	0.301833333	354.8071323	194.4543648	194.4543648
337.7391645	194.4543648	0.318	336.9619258	194.4543648	194.4543648
323.4307886	194.4543648	0.368644068	323.1892353	194.4543648	166.577121
304.8794981	139.6732648	0.452666667	310.0874891	138.0069518	142.365063
312.352667	137.6469031	0.444	312.3721155	137.6447507	138.660627
320.4805562	194.4543648	0.373166667	315.6288291	194.4543648	194.4543648
338.945092	194.4543648	0.276333333	336.4217061	194.4543648	194.4543648
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9/16/2019	2057	0.239166667	15.22854756
9/16/2019	2058	0.146	55.33505362
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9/16/2019	2101	0.1485	11.58852458
9/16/2019	2102	0.137166667	98.73208646
9/16/2019	2103	0.059166667	59.47175946
9/16/2019	2104	0.046666667	230.4120905
9/16/2019	2105	0.066666667	240.887839
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9/16/2019	2107	0.072333333	230.0982155
9/16/2019	2108	0.077333333	236.4338185
9/16/2019	2109	0.09	253.8768323
9/16/2019	2110	0.075333333	267.4214036
9/16/2019	2111	0.1175	272.6312219
9/16/2019	2112	0.1255	264.5338044
9/16/2019	2113	0.224666667	255.3272029
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9/16/2019	2115	0.0935	62.24118324
9/16/2019	2116	0.121166667	67.98138891
9/16/2019	2117	0.058333333	263.5967614
9/16/2019	2118	0.202333333	258.6613701
9/16/2019	2119	0.184333333	266.0187946
9/16/2019	2120	0.145666667	267.67202
9/16/2019	2121	0.1275	263.8696195
9/16/2019	2122	0.138666667	263.9391083
9/16/2019	2123	0.1125	282.798004
9/16/2019	2124	0.1145	270.7232547
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9/16/2019	2127	0.119166667	283.9552661
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9/16/2019	2130	0.0575	94.33364608
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9/16/2019	2136	0.199666667	150.8845227
9/16/2019	2137	0.226833333	142.2597806
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186.1069031	0.209333333	272.5374562	186.3853724
178.2822029	0.218666667	269.8016017	193.7845096
159.2991462	0.304166667	262.4189019	173.1270976
175.1095322	0.199833333	283.6832661	160.9491552
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149.3539669	0.084833333	57.48065166	140.8278982
175.931151	0.0725	275.9398728	177.0800207
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176.6044653	0.242833333	267.7918332	187.373939
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162.496014	0.201666667	282.945382	162.2337412
192.0455054	0.231833333	278.0096966	172.1467016
154.0885934	0.199166667	288.3183778	153.8865366
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142.4037537	0.155833333	299.2791688	142.8432964
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142.8580183	0.0615	245.2878669	146.5943653
174.0984195	0.065	222.0571926	137.6815636
169.2182651	0.1005	195.3183124	158.2661262
186.0075188	0.126166667	198.699092	153.377756
159.0127277	0.163166667	181.3706256	189.9648252
142.9588436	0.165166667	165.507589	159.5938674
138.6111915	0.215666667	154.4192809	145.794106
142.6226122	0.232166667	163.3265424	156.2042683
142.7339939	0.244	169.5826777	167.0091858
164.3301743	0.194	192.4154344	163.1858625
166.1447635	0.149166667	190.4462999	166.9509961
159.9732373	0.152	184.42323	181.0317929
156.2790389	0.169833333	178.2485637	188.7729787
146.6013097	0.176166667	171.1699602	170.3271833
141.1460834	0.207333333	166.7674929	161.7282642
142.1517364	0.262166667	165.6076395	159.7584876
151.6584258	0.306166667	173.7272542	176.2520193

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16.39146114	156.6216872	0.2485	11.86457174	164.2024595	150.7494994
358.1318047	194.4543648	0.197666667	2.853298939	185.452652	171.0738473
1.926124156	188.234008	0.160333333	7.800805329	172.6219317	174.6198309
60.65971837	142.8005043	0.106833333	2.707492754	185.8813702	171.9278987
342.0730988	194.4543648	0.097833333	306.2026727	139.1368734	156.2936681
274.6916419	180.3103769	0.168333333	275.5886952	177.9685721	158.7969582
249.3581201	150.935464	0.198833333	270.0218055	194.3804021	159.1432088
265.0561692	179.6413617	0.211333333	279.7850691	168.2997545	161.8400161
269.9386699	194.2465524	0.182333333	283.9271225	160.5349133	159.5721948
285.2508259	158.3725582	0.215666667	289.2194566	152.6986263	152.6489648
284.1577019	160.1478436	0.236166667	289.434627	152.4232253	162.8095162
286.0296799	157.166077	0.230833333	292.1471008	149.2124331	171.4940214
278.4788227	171.09716	0.273666667	284.4161853	159.719212	175.8271619
263.7779908	176.3773388	0.324333333	272.5695095	186.2900294	183.6835202
265.9914171	182.1655672	0.434833333	278.7711579	170.4553403	171.2617878
290.0891881	151.6046029	0.356833333	287.3412787	155.2394807	160.7256927
336.1439589	194.4543648	0.1675	308.0144331	138.5283207	153.8881172
351.52212	194.4543648	0.159666667	307.2843411	138.7562233	155.8481133
287.4707232	155.0562825	0.2575	279.4707731	168.9564478	169.2559755
268.4100759	189.2756211	0.419333333	269.8811066	194.0521089	184.9163365
270.4196732	193.0455593	0.477	273.6712368	183.1056207	187.1987967
270.2226936	193.7029575	0.444833333	275.7099942	177.6598996	187.1125889
268.0442024	188.1429345	0.467833333	275.1400177	179.1267262	182.8120163
274.2347038	181.5443491	0.448666667	279.1428603	169.6525408	179.4512822
284.366829	159.8006289	0.338333333	287.9161652	154.4351596	159.7413859
281.0485298	165.7603265	0.29	285.2105304	158.4362806	172.0972035
292.7531114	148.5585395	0.296333333	292.6619663	148.6554584	151.297282
298.6707085	143.2796607	0.333333333	295.4879779	145.8775386	144.3156522
290.8890993	150.6425907	0.343333333	291.7984874	149.5988131	153.2278995
299.5457612	142.6580019	0.318333333	300.6723722	141.9140204	142.4547681
311.8447528	137.7087581	0.234666667	302.6008595	140.7837097	159.7111071
280.5752397	166.6930807	0.190166667	289.4081067	152.4569993	160.0408871
272.5445926	186.3641316	0.219833333	279.9358827	167.9882421	160.9511893
257.2881549	162.6502341	0.208833333	273.6342545	183.2096538	164.4099677
232.1396306	138.5744778	0.182333333	247.4862061	148.8140918	153.7182402
220.3228799	137.959401	0.214166667	242.6966262	144.329774	155.4186125
202.0291063	149.342368	0.197	219.1515902	138.2194363	159.1348393
185.5388127	178.0960528	0.177666667	209.2602139	142.8566071	155.8763427
169.3230181	166.4907242	0.17	190.9441409	165.964184	154.2150514
172.7516504	173.9027191	0.198	180.6268428	192.3613948	166.2727486
185.3555961	178.5670198	0.246333333	194.3490898	159.8299403	162.035035
200.7798835	150.771489	0.250833333	206.5652123	144.9375902	155.806279
191.4709934	164.9459721	0.225833333	195.709868	157.6557255	163.9243643
188.374186	171.3291515	0.2035	200.9936304	150.5199394	165.7135303
190.2978045	167.25007	0.194	204.1482504	147.1367884	164.859719
188.372654	171.332557	0.214666667	201.9715242	149.4060894	159.4167848
182.9081541	185.2921814	0.2335	199.3488094	152.532688	160.1748042
181.2938064	190.2080988	0.265333333	195.5396348	157.9196186	162.5094853
185.0780094	179.2888398	0.3205	198.485385	153.6621004	165.2153463

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9/16/2019	2149	0.309	154.7914426
9/16/2019	2150	0.276	159.4861323
9/16/2019	2151	0.281666667	165.1030882
9/16/2019	2152	0.317666667	171.7311231
9/16/2019	2153	0.320666667	172.9059731
9/16/2019	2154	0.326166667	170.7218482
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9/16/2019	2200	0.342333333	159.1203457
9/16/2019	2201	0.386666667	160.4212946
9/16/2019	2202	0.405166667	158.2586041
9/16/2019	2203	0.445	148.2502296
9/16/2019	2204	0.459666667	138.8467334
9/16/2019	2205	0.451166667	144.2411596
9/16/2019	2206	0.4855	135.836682
9/16/2019	2207	0.493333333	124.2592935
9/16/2019	2208	0.461	124.1914917
9/16/2019	2209	0.404067797	121.9984415
9/16/2019	2210	0.406333333	119.4851163
9/16/2019	2211	0.371166667	118.7604286
9/16/2019	2212	0.280666667	115.4901044
9/16/2019	2213	0.227666667	108.9006933
9/16/2019	2214	0.3055	96.16502802
9/16/2019	2215	0.370333333	91.51538339
9/16/2019	2216	0.353	84.29021507
9/16/2019	2217	0.411833333	87.49663023
9/16/2019	2218	0.4205	87.38285297
9/16/2019	2219	0.306666667	83.20032484
9/16/2019	2220	0.205666667	57.31342951
9/16/2019	2221	0.1395	26.71972131
9/16/2019	2222	0.112833333	35.26939405
9/16/2019	2223	0.0995	65.047501
9/16/2019	2224	0.101666667	70.43493266
9/16/2019	2225	0.089	72.13975964
9/16/2019	2226	0.057333333	53.24687522
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9/16/2019	2230	0.153833333	75.78648863
9/16/2019	2231	0.1835	81.86182497
9/16/2019	2232	0.174333333	85.93650241
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9/16/2019	2234	0.222	328.293839
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9/16/2019	2236	0.305833333	350.3098057
9/16/2019	2237	0.2665	13.34923356
9/16/2019	2238	0.281666667	44.93318069

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146.1318085	0.3665	169.4789058	166.8011868
151.088671	0.321166667	170.1754853	168.2180536
158.9366823	0.361333333	172.4035913	173.091716
171.5638484	0.385166667	178.1571955	188.4904741
174.266803	0.379166667	178.7702938	190.4118331
169.363978	0.375333333	179.2530584	191.9681383
171.9060219	0.336666667	180.3821416	193.1702965
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149.7104089	0.300666667	164.2891306	157.6541799
152.3770662	0.312333333	164.2284116	157.5606085
149.5230425	0.355166667	158.3512973	149.7671455
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149.6628089	0.454666667	160.9891173	152.9685986
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137.810476	0.498	146.2003779	140.1696895
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139.9833873	0.531166667	125.4986973	139.4124815
141.1177011	0.469666667	123.2000109	140.4684599
142.6998394	0.483333333	120.5789828	141.9733134
143.2141335	0.466666667	120.3623121	142.1125241
145.8756201	0.372	118.1788862	143.6462011
153.1124307	0.246833333	114.9660339	146.3560485
176.5184603	0.348833333	103.4565371	161.3388535
189.5090121	0.430666667	99.33166531	169.25037
177.6604305	0.358333333	92.24892132	187.2506851
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186.1486184	0.466166667	98.15231887	171.8250439
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139.5070424	0.109166667	63.7579819	145.2129356
146.3686606	0.0845	87.45627724	186.3667203
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154.5123556	0.120166667	80.477211	168.8470605
138.9367152	0.078166667	60.19657248	142.4822957
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155.1250051	0.137166667	72.43867854	154.928789
156.0038387	0.206	78.91405843	165.687522
160.0548266	0.235833333	81.30027153	170.6113084
171.8568414	0.237333333	86.11829541	182.5172515
182.0140497	0.217833333	89.91686053	194.1728134
137.631783	0.163833333	64.02793261	145.4472765
194.4543648	0.191666667	342.4087867	194.4543648
194.4543648	0.309166667	345.6708775	194.4543648
194.4543648	0.328833333	2.084400363	187.7498263
161.524827	0.31	23.36220859	147.9236669
137.5000935	0.337	48.62646763	137.7758802

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179.9667789	194.3417148	0.3805	187.4584435	173.4115131	171.7649881
180.5429612	192.63752	0.4135	183.9043207	182.4543987	176.7800792
182.2477679	187.2541697	0.483333333	185.5200473	178.1440923	181.3631461
185.006356	179.4767971	0.445833333	191.9844977	163.9787711	177.0335511
186.6956935	175.2195505	0.439833333	195.1666299	158.5058518	173.7643797
188.5021005	171.0457134	0.415666667	197.214724	155.419776	172.885452
186.5022187	175.6891539	0.420833333	190.8731133	166.1034939	175.4114714
171.0243805	170.011923	0.409	177.3481925	186.0459449	165.8556142
165.3822763	159.388844	0.435084746	167.0592633	162.2419787	157.8921243
161.3069211	153.385713	0.484166667	165.257345	159.1857254	152.9654066
165.7228545	159.9490853	0.558333333	170.6954926	169.3079881	158.3605869
168.7136762	165.2998553	0.608	172.1672228	172.5488766	161.7885806
164.0587767	157.300714	0.603	169.7590123	167.3650821	156.8243009
162.3734959	154.8374302	0.681666667	168.4472558	164.790342	151.986745
159.3487939	150.9243439	0.724333333	166.1647489	160.6903843	147.3987234
162.4570497	154.9545933	0.692333333	169.193179	166.2339579	151.4764334
150.7083533	142.8345439	0.625833333	156.4899452	147.7728952	141.5536556
140.5351532	138.1441377	0.662	143.6187913	139.0704833	138.9832653
139.3030369	137.8886864	0.617333333	141.8351789	138.4842599	138.9422038
136.4801461	137.5458942	0.527333333	142.8540482	138.8020498	139.4835262
134.5912335	137.5034993	0.524833333	142.0130375	138.5364752	140.1782818
131.3510034	137.7793244	0.5	142.401767	138.655389	140.4403428
132.5884571	137.6218816	0.417833333	146.6476366	140.3909685	141.8836678
130.3639117	137.9513538	0.337666667	145.2816521	139.7439744	144.2909519
112.0439338	149.3259927	0.340166667	123.8392061	140.1505502	156.8334642
108.7697848	153.2843972	0.363666667	122.2016407	141.0031242	163.2617259
97.26801347	173.8565271	0.384	112.4504254	148.8823419	171.9124961
101.1107102	165.6393955	0.448	116.2105139	145.240079	168.52088
106.3644928	156.6619224	0.422666667	115.9112541	145.5006183	165.0340507
110.295267	151.3527653	0.353666667	120.7078651	141.8915977	158.8435485
101.2000062	165.4663777	0.225	128.1086403	138.5006049	152.180934
88.80339683	190.5173112	0.155333333	130.1669986	137.9906261	153.1557839
96.1298715	176.60573	0.1795	130.9543194	137.8434897	149.7922994
115.2934788	146.0540697	0.218166667	128.3808534	138.4226839	154.3030336
99.94296763	167.9736649	0.176166667	115.5278798	145.8415832	164.7587384
78.26757185	164.4504797	0.125333333	94.02236527	182.1275002	167.484349
57.39710103	140.7826081	0.117833333	66.10075662	147.382153	142.395943
76.06525532	160.5220466	0.177333333	68.89523241	150.3903043	172.978683
58.56613187	141.4463786	0.176	66.56821757	147.8525554	149.838182
68.60232196	150.0524085	0.170333333	69.62626894	151.2576123	155.7503454
79.44412975	166.7317202	0.147833333	77.22105467	162.5300712	164.9819816
89.98151386	194.3916557	0.192166667	94.72836722	180.2124235	182.244543
98.00844842	172.1495267	0.2455	109.2915194	152.6060411	175.2356077
65.24977328	146.5583768	0.166271186	103.9812887	160.4435838	147.520255
348.3122951	194.4543648	0.122166667	11.48501995	164.9192247	187.0705798
346.1811797	194.4543648	0.257	0.102989816	194.1057713	194.3672164
358.6282276	194.4543648	0.304666667	10.22060591	167.4064188	186.0162437
15.90346821	157.3583643	0.367666667	20.33657646	151.3026192	154.5273693
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9/16/2019	2244	0.343220339	88.1433986
9/16/2019	2245	0.362666667	87.01791811
9/16/2019	2246	0.348	83.26910716
9/16/2019	2247	0.324833333	73.68401098
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9/16/2019	2253	0.406	51.96336701
9/16/2019	2254	0.4965	44.83534197
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9/16/2019	2259	0.329666667	331.9494227
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9/16/2019	2302	0.181666667	11.92809126
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9/16/2019	2317	0.246166667	354.0797576
9/16/2019	2318	0.217966102	356.1960293
9/16/2019	2319	0.2225	355.3823133
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83.22303164	175.0236218	0.3495	95.96147915	177.0258586	182.6465468
79.3153855	166.4755845	0.336166667	85.50358415	180.8341243	180.3408349
76.96239234	162.0705921	0.374333333	82.3460267	172.9589286	172.6670225
76.07362976	160.5361835	0.35	86.74325299	184.2828118	167.2834109
79.44537184	166.7341993	0.372166667	90.23620538	193.6576471	171.0536252
78.6721699	165.2200347	0.373	87.37323426	186.1201071	168.681683
76.98592876	162.1121574	0.422666667	87.10790186	185.3391045	168.5988785
75.03075051	158.8205594	0.441333333	82.24047584	172.7164295	162.0857787
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53.51556427	139.0327422	0.586	57.22232576	140.688929	140.5625212
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356.9938822	194.4543648	0.443833333	11.95094928	164.0412125	186.8510767
9.883053627	168.0970992	0.472333333	17.97149535	154.3590051	157.1180198
355.0236678	194.4543648	0.503833333	3.355706845	183.9995069	191.8406503
334.6520312	194.4543648	0.551833333	348.8193222	194.4543648	194.4543648
324.0176258	194.4543648	0.637666667	326.9298467	194.4543648	166.1766035
317.8416031	194.4543648	0.783666667	316.2807646	194.4543648	166.3402817
310.8738409	137.8573212	0.863389831	312.8365151	137.5980829	138.5341988
315.193695	194.4543648	0.8345	316.41508	194.4543648	166.419669
316.0250262	194.4543648	0.6695	319.7429399	194.4543648	166.769103
324.6527765	194.4543648	0.614166667	328.3852257	194.4543648	194.4543648
334.3875084	194.4543648	0.517833333	338.0432674	194.4543648	194.4543648
348.2050897	194.4543648	0.511666667	348.0892611	194.4543648	193.9588234
338.6460869	194.4543648	0.680833333	340.9907487	194.4543648	194.4543648
343.8506143	194.4543648	0.672666667	351.1135229	194.4543648	194.4543648
351.0607833	194.4543648	0.674333333	355.4414313	194.4543648	194.4543648
353.1230617	194.4543648	0.517666667	355.6083351	194.4543648	194.4543648
356.6055589	194.4543648	0.422666667	348.2080348	194.4543648	194.0860464
355.9841909	194.4543648	0.3825	344.4729702	194.4543648	192.3725869
353.337175	194.4543648	0.3285	340.1171301	194.4543648	192.4849506
342.7588207	194.4543648	0.277833333	325.795169	194.4543648	194.4543648
343.2710228	194.4543648	0.369	331.3381357	194.4543648	194.4543648
356.7497137	194.4543648	0.587666667	354.7244598	194.4543648	186.5361317
324.454075	194.4543648	0.4565	325.3088057	194.4543648	181.1375209
289.4382643	152.4185968	0.400166667	297.3318622	144.3068976	159.9339339
331.6804853	194.4543648	0.327166667	323.5150438	194.4543648	194.4543648
315.8657802	194.4543648	0.298	303.9225917	140.1104683	166.9910758
328.8948574	194.4543648	0.299166667	318.2736937	194.4543648	194.4543648
323.7408158	194.4543648	0.306166667	313.563191	137.5432453	180.226585
308.4579145	138.4012083	0.315333333	289.4072854	152.458046	143.1938122

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9/16/2019	2330	0.203166667	280.2269997
9/16/2019	2331	0.142166667	312.9362459
9/16/2019	2332	0.148	314.1227152
9/16/2019	2333	0.1795	319.9370967
9/16/2019	2334	0.172	309.1476573
9/16/2019	2335	0.200333333	300.0947016
9/16/2019	2336	0.188333333	314.7107419
9/16/2019	2337	0.295833333	316.1547435
9/16/2019	2338	0.215666667	320.6839501
9/16/2019	2339	0.317333333	328.0557945
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9/16/2019	2346	0.113666667	56.61908171
9/16/2019	2347	0.1455	157.1035387
9/16/2019	2348	0.245	156.3428563
9/16/2019	2349	0.211833333	146.0632563
9/16/2019	2350	0.227833333	127.5681264
9/16/2019	2351	0.187833333	145.7139474
9/16/2019	2352	0.179166667	140.7218588
9/16/2019	2353	0.295762712	132.1843023
9/16/2019	2354	0.379833333	144.1775007
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9/16/2019	2356	0.496	136.5689689
9/16/2019	2357	0.413	136.4071076
9/16/2019	2358	0.4305	139.8717155
9/16/2019	2359	0.466	147.2539427
9/17/2019	0000	0.495166667	146.2896894
9/17/2019	0001	0.442833333	154.4354768
9/17/2019	0002	0.388166667	140.1340614
9/17/2019	0003	0.272	116.0730469
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9/17/2019	0006	0.326666667	103.3210673
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9/17/2019	0020	0.421	142.028001

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137.5161195	0.175666667	319.7720904	194.4543648
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138.2204084	0.197	308.1088607	138.5005405
142.2876527	0.228	302.2001296	141.003969
137.5017523	0.239166667	316.8634342	194.4543648
194.4543648	0.338333333	319.2009987	194.4543648
194.4543648	0.263	319.9132486	194.4543648
194.4543648	0.3635	326.3032569	194.4543648
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144.9444065	0.248	25.24251625	146.1006735
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144.1300057	0.348666667	34.7642892	139.7236963
151.8907714	0.264833333	34.9814251	139.6291482
160.4825252	0.179	33.60418311	140.2652447
140.3765645	0.137333333	60.75194865	142.8651575
148.4071233	0.114915254	133.5316874	137.5451631
147.624175	0.206666667	143.6641725	139.0872247
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138.6648737	0.216333333	113.5846537	147.6973099
139.9394851	0.1965	129.2088	138.20537
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137.6662022	0.345666667	124.1434318	140.005857
139.2829651	0.447166667	137.9267946	137.6795909
138.1087679	0.599	137.0889692	137.5914391
137.5515694	0.616166667	134.0391491	137.5193371
137.5414755	0.532166667	133.5622588	137.5433015
137.9985416	0.545	142.1247154	138.5699641
140.7057694	0.580166667	146.4596794	140.296851
140.2131377	0.613666667	145.7381161	139.9506671
145.8086419	0.532333333	155.4403662	146.7392646
138.0538662	0.508833333	137.2551525	137.6065761
145.3591512	0.373333333	123.2163213	140.4601123
170.7032919	0.291333333	113.0746256	148.2206549
179.4870241	0.311333333	106.2469534	156.8379322
161.5738083	0.402666667	110.425606	151.1949252
142.931583	0.456833333	124.7347028	139.7367445
144.0282334	0.399333333	126.8631573	138.8983102
142.8007728	0.436166667	126.8099798	138.9168043
139.5555097	0.405	130.9224761	137.8489296
138.5512751	0.4685	132.0085068	137.6876277
137.5563239	0.455166667	137.4775265	137.6286478
137.6049855	0.434	138.7508148	137.7951582
138.6444694	0.420666667	142.656098	138.7367586
138.6414141	0.456666667	141.3420615	138.3466635
138.0962408	0.5435	136.0678663	137.5238849
140.2396513	0.435333333	143.581029	139.0566222
141.1927728	0.432333333	147.2028122	140.6785587
139.5207014	0.484666667	144.4040395	139.3730845
138.5409308	0.5695	143.003115	138.8523524

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300.4536524	142.0535571	0.36	289.583914	152.2339925	154.4466765
321.1269164	194.4543648	0.298666667	306.4385572	139.0494577	166.3868578
321.6686117	194.4543648	0.240166667	304.177687	139.9898307	166.6036699
318.1845781	194.4543648	0.244166667	300.5054598	142.0202936	181.345847
313.0720969	137.5778758	0.2225	291.5529185	149.8755266	141.0435879
312.0624974	137.6809089	0.268333333	289.840216	151.9126043	143.2212837
320.998812	194.4543648	0.231	296.3619997	145.1100563	167.8801346
316.1943027	194.4543648	0.360333333	304.5632933	139.8131216	180.794054
314.4523768	137.5062807	0.316666667	303.438801	140.3474826	166.6906232
315.6182736	194.4543648	0.434666667	307.551732	138.6700551	180.5082874
320.2897821	194.4543648	0.285166667	314.5327047	137.5045732	180.2169169
353.3310904	194.4543648	0.178983051	332.1571705	194.4543648	169.9884524
359.5463124	194.4543648	0.236	357.9541385	194.4543648	168.9093415
3.601499494	183.3019577	0.2385	1.402736278	189.8634212	164.2547702
4.453769776	180.9492192	0.2325	357.0014791	194.4543648	166.7308759
13.3304417	161.5574986	0.267	359.7315668	194.4543648	164.1899083
33.26357084	140.4360001	0.1545	2.068453652	187.798431	152.8690383
109.0450038	152.9242292	0.095166667	56.32391673	140.229886	144.7766004
130.473902	137.9301362	0.122666667	94.72881204	180.2112382	151.2131935
128.2265198	138.4664674	0.1275	165.3658102	159.3619997	144.0266443
125.3223003	139.4850151	0.187666667	168.6924935	165.2590984	147.7765743
127.3331255	138.7402689	0.133166667	179.5576484	192.9703049	152.4638573
144.3709919	139.3597948	0.1725	171.5706414	171.2066782	147.0997244
131.8832441	137.7036896	0.245666667	150.403193	142.6229295	139.4996696
142.1455419	138.5762694	0.351	151.7468879	143.5900843	139.7822274
136.940031	137.5788592	0.5245	139.6439845	137.9528969	137.8079908
135.8891567	137.5165588	0.608666667	139.9868273	138.0224551	137.6524801
140.1252649	138.0519635	0.580666667	147.7240067	140.9616887	138.5246073
150.1542138	142.4537277	0.657666667	153.3668225	144.8804062	140.9756599
150.9294517	142.9907952	0.772833333	151.3168242	143.2705306	141.8159865
146.8568459	140.4976556	0.7915	149.2824057	141.885462	140.6367306
149.8140183	142.2275204	0.75	148.2256519	141.2463373	144.0054411
133.7876646	137.5307861	0.640666667	137.2418883	137.6053253	137.6991384
116.5792629	144.925748	0.492833333	124.5618403	139.8137747	142.6396966
112.2485197	149.1014367	0.380333333	121.9950237	141.119645	152.2862571
106.4037766	156.6033316	0.399166667	120.3382342	142.1281365	158.7641061
106.918516	155.8463872	0.501666667	120.923712	141.7565592	152.59292
121.3765595	141.4805963	0.5585	132.427995	137.6386551	140.4468947
121.1072045	141.6435438	0.5335	132.4423635	137.637109	140.5517991
120.5590658	141.9860139	0.5555	129.2402089	138.1977073	140.4753246
122.4356086	140.8736208	0.6	130.6951912	137.8890073	139.0417669
125.0921882	139.5817394	0.625833333	133.4097118	137.5529808	138.3434057
130.7918848	137.8716891	0.622166667	140.7339655	138.1914385	137.8120248
133.3058886	137.560127	0.570666667	142.4760395	138.6788591	137.9097825
137.0621136	137.5891019	0.5765	139.3100097	137.8899501	138.21507
133.9010527	137.5252958	0.626666667	139.5266123	137.9302342	138.1109019
133.0590484	137.5789341	0.674067797	136.9060767	137.5761217	137.6937954
134.4406688	137.5065521	0.648	140.5454492	138.1465456	138.7373428
142.7808912	138.7777198	0.591	145.9911121	140.0693237	140.1795938
140.5071816	138.1376188	0.654833333	142.4685795	138.6764909	138.9269739
136.3097074	137.5359311	0.737833333	135.376596	137.5029702	138.1080461

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9/17/2019	0021	0.381333333	138.8435031
9/17/2019	0022	0.324666667	141.3805542
9/17/2019	0023	0.322833333	130.7209547
9/17/2019	0024	0.3335	128.2283685
9/17/2019	0025	0.391833333	147.7389774
9/17/2019	0026	0.5445	130.896152
9/17/2019	0027	0.632542373	125.9905592
9/17/2019	0028	0.567166667	124.0473917
9/17/2019	0029	0.459333333	131.3993989
9/17/2019	0030	0.411833333	130.0798925
9/17/2019	0031	0.503333333	121.4843222
9/17/2019	0032	0.522833333	124.1932032
9/17/2019	0033	0.535333333	126.512635
9/17/2019	0034	0.524666667	130.9480602
9/17/2019	0035	0.5365	128.1336995
9/17/2019	0036	0.525166667	126.5017931
9/17/2019	0037	0.513	124.4632744
9/17/2019	0038	0.4585	123.8027355
9/17/2019	0039	0.461833333	121.5632158
9/17/2019	0040	0.419	119.9974706
9/17/2019	0041	0.424333333	107.891256
9/17/2019	0042	0.4825	95.26276841
9/17/2019	0043	0.487833333	93.3470071
9/17/2019	0044	0.503166667	84.93442662
9/17/2019	0045	0.465666667	79.57676704
9/17/2019	0046	0.546833333	84.41285731
9/17/2019	0047	0.563166667	90.9153042
9/17/2019	0048	0.5805	96.5093269
9/17/2019	0049	0.572	102.1844509
9/17/2019	0050	0.703833333	107.0684795
9/17/2019	0051	0.6415	112.3423128
9/17/2019	0052	0.553833333	112.3422779
9/17/2019	0053	0.613666667	111.6956625
9/17/2019	0054	0.533333333	103.8225955
9/17/2019	0055	0.534666667	79.4154366
9/17/2019	0056	0.626	65.35526381
9/17/2019	0057	0.553166667	53.04310882
9/17/2019	0058	0.720166667	41.62658606
9/17/2019	0059	0.8795	21.84873363
9/17/2019	0100	1.014333333	12.89185804
9/17/2019	0101	0.932711864	17.19351223
9/17/2019	0102	0.727333333	18.88539609
9/17/2019	0103	0.654666667	11.95521586
9/17/2019	0104	0.749166667	357.8880386
9/17/2019	0105	0.621	353.6943224
9/17/2019	0106	0.368166667	0.851413272
9/17/2019	0107	0.355166667	342.2123223
9/17/2019	0108	0.372	323.8590975
9/17/2019	0109	0.3125	309.3284469
9/17/2019	0110	0.471	326.1153758
9/17/2019	0111	0.724	333.63165

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141.3697285	0.5185	126.3909451	139.0669035
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194.4543648	0.454833333	351.5343645	194.4543648
194.4543648	0.476	333.2339609	194.4543648
138.1764068	0.388	320.6739282	194.4543648
194.4543648	0.527	331.6923943	194.4543648
194.4543648	0.883833333	339.9961466	194.4543648

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137.5944696	137.6410899	0.626	138.4866418	137.7549839	138.2142693
130.1007804	138.0042039	0.677166667	137.1173911	137.5939457	137.7464763
128.0703154	138.5118336	0.651333333	133.6358657	137.5389802	138.0123769
141.2752007	138.3288167	0.6115	143.3012328	138.9558849	140.1784394
127.2433821	138.769699	0.787	127.9953937	138.533969	138.1778002
126.2397789	139.1229588	0.908166667	128.7045681	138.3341965	138.779997
123.4059742	140.3639566	0.813166667	125.1372638	139.5626046	139.6955229
125.8227284	139.2828751	0.798166667	124.9331303	139.6499929	138.5574382
123.6165536	140.2591443	0.718333333	123.1859074	140.475688	139.0688022
118.9363451	143.0868439	0.711833333	122.7590187	140.69886	141.2191833
122.8174027	140.6678346	0.779666667	123.8100194	140.1646554	139.8435227
123.0263293	140.5581174	0.8355	123.7027268	140.216844	139.4334105
127.1830455	138.7896841	0.883666667	126.4300636	139.0525625	138.3102563
125.4763158	139.4216073	0.904	125.5277441	139.4006715	138.8374774
124.8582562	139.6825181	0.9195	125.917029	139.2460382	139.0556382
124.1921878	139.9830626	0.945666667	126.9652838	138.8631416	139.3061227
124.6168104	139.789132	0.879833333	127.1114042	138.813621	139.2732749
123.4895316	140.3221217	0.839166667	126.872309	138.8951399	139.9134734
122.1220677	141.0477591	0.852333333	125.1311721	139.5651852	140.5557955
110.8655488	150.6703204	0.903666667	118.1784664	143.6465193	148.9141006
102.0774696	163.8062703	0.891666667	111.1020193	150.3935005	163.5169485
99.50936629	168.875261	0.937666667	107.450312	155.0850885	167.8753842
88.34349376	189.0679048	0.886	98.5374148	170.9677776	181.1776048
81.06533819	170.1003899	0.7925	91.00915242	191.1180145	176.0742008
86.14067461	182.5795166	0.885	93.54533329	183.460591	184.3952845
93.79954145	182.7461973	0.958666667	99.66006441	168.5597209	178.3630934
100.0956209	167.6608152	0.965	104.0187027	160.3806444	166.3786896
105.7391857	157.610507	1.030166667	107.9345614	154.4098154	157.4847486
108.6394551	153.4567843	1.083220339	110.433497	151.1854049	152.5935373
111.994175	149.3809991	1.080333333	114.9809841	146.3421297	147.6158254
114.263294	147.0246401	1.066166667	119.9004968	142.4169613	145.80507
112.4236111	148.9112954	1.099333333	117.2755413	144.3521653	146.934486
106.0879833	157.0776657	0.987833333	112.0444979	149.32537	154.608851
89.83661499	193.9022211	0.9435	100.9322197	165.9875315	179.2199541
75.04134022	158.8375326	0.828166667	86.85298672	184.5986273	162.1629179
61.08877217	143.1049219	0.946833333	71.38786653	153.4930725	144.7652738
47.44791084	137.6255883	1.118333333	58.12324746	141.1872571	138.5725752
28.58451035	143.3430034	1.331833333	37.61106788	138.6513576	143.3218211
18.65046589	153.4421746	1.486666667	22.83469368	148.4722147	153.6498892
21.04114636	150.4644182	1.304333333	25.11300335	146.2197641	149.729141
24.51359744	146.7832675	1.083666667	28.58009343	143.3462595	146.9556644
19.44190885	152.41396	1.012833333	23.48340762	147.7999743	153.6810551
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356.564537	194.4543648	1.028833333	3.193267066	184.4652938	191.0293821
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348.4092891	194.4543648	0.583333333	356.7335454	194.4543648	194.4543648
328.4960001	194.4543648	0.638	337.7650558	194.4543648	194.4543648
316.0658319	194.4543648	0.526	325.2426277	194.4543648	180.3848753
324.7798588	194.4543648	0.6335	330.9966691	194.4543648	194.4543648
332.4460748	194.4543648	1.110833333	339.4134957	194.4543648	194.4543648

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9/17/2019	0113	0.454166667	345.4052244
9/17/2019	0114	0.495166667	349.6164902
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9/17/2019	0116	0.5665	344.618749
9/17/2019	0117	0.478166667	356.4862912
9/17/2019	0118	0.416166667	349.7713653
9/17/2019	0119	0.457666667	344.6121192
9/17/2019	0120	0.415333333	340.1067329
9/17/2019	0121	0.322666667	351.1359757
9/17/2019	0122	0.32	4.315253396
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9/17/2019	0124	0.333833333	7.991834378
9/17/2019	0125	0.330333333	18.00778988
9/17/2019	0126	0.297833333	27.65443054
9/17/2019	0127	0.341333333	27.73449241
9/17/2019	0128	0.4605	18.49383699
9/17/2019	0129	0.4815	23.18161795
9/17/2019	0130	0.413833333	37.2635937
9/17/2019	0131	0.410666667	44.2253528
9/17/2019	0132	0.367666667	62.43720694
9/17/2019	0133	0.313333333	63.50542991
9/17/2019	0134	0.3275	56.01892585
9/17/2019	0135	0.386333333	71.99250318
9/17/2019	0136	0.437457627	84.00245732
9/17/2019	0137	0.433333333	108.9234698
9/17/2019	0138	0.3205	97.04753815
9/17/2019	0139	0.272666667	56.78870652
9/17/2019	0140	0.2415	47.92981272
9/17/2019	0141	0.257166667	67.76139904
9/17/2019	0142	0.242	57.15108483
9/17/2019	0143	0.261166667	94.24843236
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9/17/2019	0145	0.1755	23.09707454
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9/17/2019	0147	0.050666667	55.59065229
9/17/2019	0148	0.078166667	113.4727712
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148.1095883	0.601166667	29.04145152	143.0115421
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140.0825475	0.400666667	61.52782821	143.426127
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174.3770281	0.368	103.7653057	160.80923
140.4626842	0.337166667	65.18392796	146.4963644
137.6799619	0.2985	54.64713353	139.4723463
149.1122642	0.297666667	71.1140184	153.1316974
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181.5068602	0.281	95.69569343	177.696194
173.8588073	0.198	85.51275068	180.8588425
148.1972944	0.196666667	38.91502336	138.2790958
145.9225893	0.209	66.92775722	148.2231362
139.8828558	0.071	65.40201831	146.7027031
147.8107948	0.0885	106.4953197	156.4672526
137.6543294	0.170166667	128.70081	138.3351978
137.6297987	0.162166667	133.0555606	137.5792182
149.1117434	0.092833333	146.8044607	140.4707506
142.2187351	0.0805	196.2642049	156.8120328
137.5121849	0.078	213.276802	140.4292666
170.2146115	0.229166667	184.0124648	182.1548427
164.1786201	0.2405	190.3681896	167.1080391
144.0500882	0.147	231.3899758	138.3595718
145.141508	0.164833333	241.8232974	143.6478563
145.7749817	0.321666667	204.6585788	146.6450997
182.0909555	0.5755	186.5521002	175.5676488
175.1022806	0.501	188.4592137	171.1405441
192.4268929	0.288833333	183.0122908	184.988774
168.7512192	0.48	172.1831366	172.5852249

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349.5770797	194.4543648	0.6685	353.1587919	194.4543648	194.4543648
349.0364947	194.4543648	0.95	356.192993	194.4543648	194.4543648
349.283378	194.4543648	0.840833333	355.8782647	194.4543648	194.4543648
359.1284503	194.4543648	0.6815	3.372923158	183.9503645	188.0752958
354.9657882	194.4543648	0.578333333	0.362839202	193.2345438	194.1494096
347.8364994	194.4543648	0.661333333	352.920134	194.4543648	194.4543648
344.8407902	194.4543648	0.693166667	351.2312084	194.4543648	194.4543648
353.5707369	194.4543648	0.615	356.2411524	194.4543648	193.9837238
3.442813387	183.7513087	0.536333333	6.410544326	175.9132483	176.4124616
5.986055283	176.9643228	0.529833333	14.79309627	159.1040767	170.197318
14.57356679	159.4609417	0.4985	25.06483087	146.2643003	158.3069178
25.55379419	145.8182793	0.520508475	32.82884022	140.6617754	146.0540015
31.84166791	141.2074421	0.657833333	34.80911249	139.704004	141.0982737
29.93239508	142.3955938	0.8115	32.95512552	140.5952806	141.8254436
23.00043461	148.2980726	0.901666667	26.31127747	145.1534531	148.4877832
26.28429962	145.1765917	0.8865	29.25765228	142.8584073	144.7890323
36.51670503	139.0210408	0.7705	38.20057157	138.4739302	138.4792479
42.8066295	137.600813	0.710666667	44.94079862	137.5000734	137.6113779
58.67970252	141.5143429	0.6395	59.44299531	141.9873293	143.6829486
60.24153114	142.5127149	0.569833333	64.09264769	145.5040476	145.0806203
57.47977377	140.8274206	0.578833333	64.87904809	146.2124281	142.6371308
67.90828068	149.2733118	0.611833333	72.35164763	154.8068771	154.3235634
79.50844537	166.860287	0.532166667	80.41590147	168.7184891	174.5549858
108.2841145	153.932825	0.575833333	101.8262346	164.2742475	155.3360255
98.69548813	170.6205846	0.458666667	97.77872871	172.6724438	169.6198216
63.80688705	145.2550945	0.3865	73.73581159	156.8120575	147.2565501
53.35856443	138.9762446	0.401666667	64.73680614	146.0817469	140.5525749
65.55905312	146.8529556	0.382333333	75.98315566	160.3837678	152.3701713
57.14842263	140.6497482	0.391333333	68.86079088	150.3502903	144.0282985
87.88634021	187.6607483	0.359666667	91.88852285	188.3496127	183.8033538
78.02284948	163.992437	0.296	85.07441574	179.6894834	174.5998926
38.87160255	138.2903078	0.2645	51.67887976	138.4395074	140.8015513
57.08121842	140.6143409	0.3525	63.91140831	145.3456347	145.0264253
51.51374287	138.3933743	0.208333333	62.58943516	144.2439218	142.3057138
87.60289324	186.8046859	0.167666667	86.04775626	182.3214516	168.3510462
119.5991063	142.6213528	0.198666667	109.7124619	152.0722505	142.6707826
123.7542838	140.1916997	0.191833333	113.7531384	147.5278009	140.7321294
140.5292702	138.1427638	0.118333333	125.3195582	139.4861536	141.8028529
170.4845931	168.8625676	0.099166667	138.8434796	137.80995	151.4258214
192.1080089	163.7497806	0.075833333	141.1564298	138.2975893	144.9972053
178.301459	188.9371349	0.224166667	168.9339919	165.7262965	176.7582214
186.7209758	175.1585179	0.245666667	179.3657942	192.3372144	174.6955979
214.4976383	139.84273	0.170166667	216.9990878	138.8516019	140.275998
221.9989272	137.6888327	0.217666667	216.182135	139.1446012	141.4056996
200.7972486	150.750943	0.474333333	196.7844757	156.0415814	149.8031514
189.9715677	167.9148719	0.665423729	190.2778761	167.2903735	173.2159625
190.8761562	166.0975157	0.661666667	189.0976736	169.7493496	170.5224225
186.1542705	176.5451476	0.563666667	185.207216	178.9516114	183.2281065
172.6820108	173.7393326	0.640833333	174.4576096	178.086899	173.2906689

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9/17/2019	0204	0.311666667	171.1691895
9/17/2019	0205	0.303333333	183.695506
9/17/2019	0206	0.2625	196.1450507
9/17/2019	0207	0.316166667	198.985719
9/17/2019	0208	0.343833333	228.1738444
9/17/2019	0209	0.338333333	232.3488065
9/17/2019	0210	0.2345	219.4606419
9/17/2019	0211	0.270847458	269.6777001
9/17/2019	0212	0.265166667	256.6629635
9/17/2019	0213	0.185166667	258.1267461
9/17/2019	0214	0.102833333	220.9057763
9/17/2019	0215	0.133166667	105.2344433
9/17/2019	0216	0.213	124.9981462
9/17/2019	0217	0.380166667	142.5861476
9/17/2019	0218	0.408166667	138.6978515
9/17/2019	0219	0.441	123.3328681
9/17/2019	0220	0.5355	115.5764993
9/17/2019	0221	0.569	125.4594495
9/17/2019	0222	0.538666667	124.2519055
9/17/2019	0223	0.487333333	122.0147419
9/17/2019	0224	0.381333333	123.723164
9/17/2019	0225	0.224666667	116.891763
9/17/2019	0226	0.214666667	98.47455307
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9/17/2019	0228	0.263333333	106.8242842
9/17/2019	0229	0.239666667	95.31742254
9/17/2019	0230	0.248166667	93.64129017
9/17/2019	0231	0.2275	102.5764005
9/17/2019	0232	0.2185	97.41402544
9/17/2019	0233	0.266833333	92.74154644
9/17/2019	0234	0.3395	98.63936179
9/17/2019	0235	0.352166667	96.68300457
9/17/2019	0236	0.332833333	99.53917217
9/17/2019	0237	0.3105	101.7963742
9/17/2019	0238	0.242666667	94.51466221
9/17/2019	0239	0.205166667	128.0423218
9/17/2019	0240	0.185333333	166.0708097
9/17/2019	0241	0.175666667	198.198069
9/17/2019	0242	0.165333333	228.6212033
9/17/2019	0243	0.208333333	217.6762617
9/17/2019	0244	0.143	216.4242651
9/17/2019	0245	0.07440678	259.1121929
9/17/2019	0246	0.099	281.7868289
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9/17/2019	0248	0.219166667	303.6803485
9/17/2019	0249	0.251666667	308.8919663
9/17/2019	0250	0.243333333	304.4992319
9/17/2019	0251	0.257	289.7914486
9/17/2019	0252	0.265333333	307.7070376
9/17/2019	0253	0.253333333	309.2520145

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170.3255084	0.404666667	174.8402851	179.0753354
183.0374559	0.349830508	184.0028267	182.1814737
156.9913824	0.316333333	196.2000052	156.9085302
153.0013716	0.386666667	199.5999556	152.213748
137.7112294	0.424833333	226.3456464	137.5379306
138.6388006	0.4155	232.8167623	138.7896202
138.1451205	0.301833333	220.7579716	137.8777179
193.3696877	0.382166667	271.2956954	190.2021049
161.5460294	0.383666667	263.4932348	175.6780667
164.1862207	0.283	262.3633647	172.9988833
137.8517997	0.1225	233.4892256	139.0231879
158.3984496	0.129	115.5287748	145.8407777
139.6219558	0.230333333	132.8852956	137.5937073
138.714097	0.435333333	145.7835791	139.9717736
137.7868671	0.51	143.6654076	139.0876816
140.4008243	0.533833333	129.9568277	138.0343664
145.797892	0.627166667	122.0952633	141.0628621
139.4284992	0.728166667	130.7858155	137.8727645
139.9552916	0.679833333	127.8084459	138.5902667
141.1084375	0.576666667	126.0293813	139.2026671
140.2068621	0.442	127.7669917	138.6029563
144.6651098	0.271	121.7788082	141.2437537
171.1066028	0.255	104.9679257	158.8226808
178.5769063	0.263833333	101.7892522	164.3436279
155.9834706	0.301833333	108.8523709	153.1757708
178.6656906	0.229333333	98.72721606	170.5512233
183.1898471	0.2655	100.8752392	166.099317
162.8940113	0.282833333	108.1186478	154.1575332
173.514938	0.271666667	105.5512388	157.9015579
185.7809561	0.287333333	100.6160641	166.6117622
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175.250211	0.407333333	104.6389987	159.3541641
168.8126654	0.409333333	107.8449286	154.5335303
164.3302568	0.3705	108.5626968	153.5588662
180.7849556	0.271833333	103.0136257	162.1129447
138.5200757	0.228983051	126.6649388	138.9678806
160.5314222	0.191833333	162.5231261	155.0476082
154.049435	0.194666667	194.9245731	158.892228
137.7750785	0.206333333	220.5340931	137.9187429
138.6309914	0.264333333	214.3144101	139.9263991
139.054684	0.177333333	213.1477155	140.4953078
166.074634	0.093333333	253.9277431	157.1014874
164.3481783	0.117333333	285.0812215	158.6416446
145.7337008	0.212166667	297.543904	144.1379727
140.227796	0.258333333	308.2269542	138.4663427
138.2850394	0.34	316.1281341	194.4543648
139.842009	0.316	314.207909	137.5131405
151.9734171	0.293	299.5041334	142.6867001
138.6214416	0.328333333	312.9351165	137.5893416
138.1948381	0.313666667	312.5083568	137.6301192

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178.7370417	190.3060613	0.544833333	182.5029243	186.4882629	181.548792
183.3614247	183.9831811	0.522	187.6663809	172.9303568	180.5331169
195.7030531	157.6662462	0.532166667	195.6766279	157.7070752	157.3183085
197.251442	155.3673448	0.555833333	195.7864683	157.5377216	154.5300465
219.806118	138.0668929	0.595	217.7276232	138.6150769	137.9827824
225.2945175	137.5018166	0.577833333	223.6239984	137.5396616	138.1174747
217.7687092	138.6024291	0.497333333	214.9654593	139.6360276	138.5653238
258.6117528	165.1041393	0.5015	254.4933277	157.9709799	176.661728
252.872171	155.5442527	0.502333333	252.667799	155.2523741	162.0051807
255.6215503	159.7814416	0.408333333	256.0291159	160.4611078	164.3569133
231.4284137	138.3699989	0.181333333	242.8437233	144.4485783	139.9233912
127.4337503	138.7076898	0.089166667	132.5431339	137.6265095	145.1433567
138.797646	137.8025883	0.198166667	146.1198681	140.130838	138.7872723
148.1234182	141.1873552	0.4405	155.1528901	146.4672186	141.5851111
146.0887777	140.1159146	0.562666667	151.5111664	143.4137574	140.1010552
136.4726214	137.5454286	0.711833333	140.065282	138.0390775	138.5049242
130.776832	137.874359	0.819333333	132.1078904	137.675355	140.602617
134.3892046	137.5078134	0.943833333	131.8447897	137.7087532	138.1294576
131.2918828	137.7884649	0.869666667	128.4835783	138.3941132	138.6820341
132.1348651	137.6720958	0.73	129.4016083	138.1589992	139.0355499
130.4916033	137.9267696	0.509666667	127.6490562	138.6394677	138.8440139
118.252479	143.5905618	0.317333333	116.2136645	145.2373621	143.6841969
101.4316212	165.0211503	0.3265	102.5371231	162.965011	164.4788612
96.13090185	176.6031701	0.367166667	97.94705132	172.2887051	172.9531024
101.9277522	164.0844483	0.3045	99.39486428	169.1165861	160.5900689
89.28944199	192.0870152	0.2785	97.3740578	173.6081951	178.7280311
96.86736732	174.8066244	0.36	102.4201503	163.1772789	171.8182669
110.4357043	151.1827425	0.41	111.2240665	150.2520259	154.6215782
105.9631039	157.2673539	0.414166667	110.4305156	151.1890014	159.9682128
101.0139964	165.8276492	0.423333333	109.9073414	151.8291585	167.5123815
109.0364759	152.9353109	0.463728814	111.5206552	149.9121627	158.0483066
109.031086	152.9423176	0.553	109.5276005	152.3051976	159.9629726
112.9594208	148.3410118	0.574666667	112.1360477	149.2245682	155.2279439
110.3969721	151.2295055	0.511666667	108.5389133	153.5905796	155.677302
101.5877562	164.7238813	0.425333333	104.4299203	159.6965908	166.8295931
125.1402559	139.5613377	0.382	114.8142105	146.4981141	140.886852
157.2432359	148.5546658	0.259	134.3852416	137.5079151	150.4104028
184.2013452	181.6355504	0.218833333	169.6515607	167.1478437	165.4312643
207.9985023	143.7837657	0.205333333	201.0409668	150.4646277	142.4855537
202.4497386	148.8830829	0.296	193.3862583	161.460545	147.2252546
200.4278073	151.192269	0.224333333	192.787946	162.5139834	148.3140611
237.8559658	141.0354074	0.130833333	243.2293079	144.7654657	152.2442486
271.604433	189.2302971	0.137166667	253.8409313	156.9702261	167.2975865
289.1414304	152.7992726	0.155833333	267.2418812	185.7321522	157.1007746
302.421001	140.8816306	0.271166667	284.0452111	160.3361222	144.9779729
311.0518982	137.8270877	0.326333333	299.6999927	142.5524309	153.2797307
311.2065085	137.8019254	0.3805	302.601845	140.7831774	138.9850631
300.903095	141.7693597	0.426	292.8735722	148.4312173	146.2151736
307.8455456	138.5789734	0.4305	302.0454828	141.0910017	138.9701896
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9/17/2019	0255	0.161166667	240.1845347
9/17/2019	0256	0.233	210.740287
9/17/2019	0257	0.303833333	209.1001896
9/17/2019	0258	0.377333333	201.8507123
9/17/2019	0259	0.371666667	207.3298092
9/17/2019	0300	0.319333333	204.7289868
9/17/2019	0301	0.3065	203.2450671
9/17/2019	0302	0.206666667	237.5976016
9/17/2019	0303	0.185333333	257.1218556
9/17/2019	0304	0.135333333	261.4905283
9/17/2019	0305	0.203	292.9685181
9/17/2019	0306	0.293333333	291.9587117
9/17/2019	0307	0.283833333	290.0201163
9/17/2019	0308	0.266666667	284.5267008
9/17/2019	0309	0.276833333	288.1784464
9/17/2019	0310	0.228833333	288.2159466
9/17/2019	0311	0.256	294.1569136
9/17/2019	0312	0.2445	296.1732769
9/17/2019	0313	0.292333333	298.7746556
9/17/2019	0314	0.2275	307.1847917
9/17/2019	0315	0.272166667	308.3048055
9/17/2019	0316	0.287166667	308.5411
9/17/2019	0317	0.2825	312.5248532
9/17/2019	0318	0.305166667	319.3214305
9/17/2019	0319	0.309152542	321.0752112
9/17/2019	0320	0.270166667	326.499197
9/17/2019	0321	0.234	325.0877677
9/17/2019	0322	0.198	320.0629148
9/17/2019	0323	0.194833333	326.259674
9/17/2019	0324	0.150833333	329.6877523
9/17/2019	0325	0.113666667	316.7314203
9/17/2019	0326	0.083	294.4364138
9/17/2019	0327	0.0955	280.6610735
9/17/2019	0328	0.0835	225.4185062
9/17/2019	0329	0.118333333	227.9296301
9/17/2019	0330	0.149333333	264.4550854
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9/17/2019	0332	0.155	305.2019675
9/17/2019	0333	0.128333333	314.0979681
9/17/2019	0334	0.140666667	353.5970656
9/17/2019	0335	0.166666667	0.848828102
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9/17/2019	0337	0.270666667	356.9558771
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9/17/2019	0340	0.4285	345.9122177
9/17/2019	0341	0.439666667	345.5878969
9/17/2019	0342	0.462166667	345.9483402
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149.4202959	0.353666667	297.1790427	144.430116
151.6896388	0.3405	295.1857146	146.1527883
159.5376377	0.322	290.5585028	151.0351301
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137.5036681	0.091	234.4447436	139.3895203
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178.0804417	0.241666667	273.4041669	183.8612913
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139.5352977	0.2125	306.9235151	138.8774697
137.5170418	0.185333333	312.4557089	137.6356807
194.4543648	0.171666667	344.3567607	194.4543648
191.6364343	0.1865	8.222704948	171.6671354
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194.4543648	0.322333333	5.356798889	178.5639138
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194.4543648	0.414166667	359.5405126	194.4543648
194.4543648	0.475333333	356.2771596	194.4543648
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194.4543648	0.486333333	351.1508221	194.4543648
194.4543648	0.4405	347.2443291	194.4543648

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257.9120343	163.7868456	0.337333333	263.3440891	175.3157427	159.7893224
230.7906348	138.2052318	0.387333333	240.4368653	142.6460504	140.1360586
223.3322394	137.5582704	0.4215	232.0652184	138.5520552	139.5468415
213.4406202	140.346571	0.4955	219.6602694	138.0992948	142.9243159
214.0534786	140.0481976	0.559833333	217.3268802	138.7423055	141.1519489
210.8430926	141.8067309	0.559333333	215.7091061	139.3277872	142.9637328
211.1721267	141.6039482	0.542	216.9374737	138.8726729	143.0376124
228.759843	137.7965833	0.429	235.7524029	139.9572897	139.7899563
242.8255756	144.4338591	0.329	245.8118898	147.0978452	153.9607862
252.0591235	154.4011208	0.280666667	255.5545768	159.6710767	163.802891
289.458373	152.3930248	0.331833333	276.1915826	176.4526444	155.9863893
293.941212	147.3405459	0.382166667	283.9964268	160.4181037	150.4022654
293.084069	148.2108244	0.407833333	282.5943941	162.8615313	152.2286957
288.3263777	153.875741	0.35779661	281.87396	164.1849004	157.1583523
290.4461474	151.170151	0.407666667	282.3319329	163.3381819	153.9960463
291.6625571	149.7515167	0.380166667	283.8029431	160.7452277	153.0277819
295.298895	146.0491252	0.406333333	284.7710767	159.1396939	148.9530464
296.9900621	144.5842064	0.380166667	285.5012836	157.9793846	147.5309152
301.8885625	141.1804757	0.398166667	293.9856131	147.2966389	143.0249283
312.1599153	137.6690966	0.376833333	303.3973125	140.3683118	138.5822376
310.7860263	137.8727271	0.415333333	305.4678594	139.4250612	138.3307612
313.1569814	137.5711663	0.4325	308.0819272	138.5084247	137.990413
314.0157414	137.5202908	0.471666667	310.8448888	137.8623643	151.8663551
323.2290913	194.4543648	0.469	319.2265414	194.4543648	194.4543648
323.3229212	194.4543648	0.505666667	320.5243678	194.4543648	194.4543648
329.8800047	194.4543648	0.472333333	326.89895	194.4543648	194.4543648
326.7334771	194.4543648	0.426333333	320.943758	194.4543648	194.4543648
325.0864345	194.4543648	0.352	319.2124949	194.4543648	194.4543648
326.4952876	194.4543648	0.3455	318.8853953	194.4543648	194.4543648
331.1580495	194.4543648	0.228666667	313.4520555	137.5501961	180.2283227
323.58054	194.4543648	0.2095	303.9871968	140.0796335	180.860682
302.8346131	140.6587194	0.224333333	296.0101566	145.4139702	143.2968833
290.1525239	151.5269058	0.2175	287.8685472	154.5008751	155.8544839
244.6323277	145.9864813	0.1205	259.9418748	167.7374411	147.6542777
250.273112	152.0541685	0.2425	266.4006116	183.307912	154.5035867
273.4317194	183.7828587	0.33	274.3227884	181.3042637	181.7572139
284.6506455	159.3351946	0.312333333	279.2696882	169.3819735	166.8698684
303.1699584	140.483873	0.31	292.4954492	148.8338245	141.9326162
306.4686118	139.038497	0.3155	296.0682494	145.3633253	139.8886362
331.0122824	194.4543648	0.283333333	308.4394527	138.4063298	180.4423561
358.2071262	194.4543648	0.202	344.2892663	194.4543648	188.0530748
352.0998624	194.4543648	0.257666667	338.6695686	194.4543648	185.8952725
354.3646763	194.4543648	0.331666667	341.1574848	194.4543648	190.4817521
356.9107215	194.4543648	0.458666667	358.4936935	194.4543648	192.2376463
353.6018184	194.4543648	0.593166667	357.7606263	194.4543648	194.4543648
350.4673495	194.4543648	0.669	352.554296	194.4543648	194.4543648
349.8083695	194.4543648	0.7105	352.8343602	194.4543648	194.4543648
350.3026212	194.4543648	0.748644068	353.5938217	194.4543648	194.4543648
348.3669284	194.4543648	0.676666667	351.399928	194.4543648	194.4543648
345.1363894	194.4543648	0.6215	345.8252715	194.4543648	194.4543648

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9/17/2019	0345	0.313	332.3376968
9/17/2019	0346	0.256	329.9148856
9/17/2019	0347	0.223666667	324.2416053
9/17/2019	0348	0.165	312.9452016
9/17/2019	0349	0.144	294.7769004
9/17/2019	0350	0.147	292.3148979
9/17/2019	0351	0.103666667	309.7889716
9/17/2019	0352	0.071166667	322.6564255
9/17/2019	0353	0.075166667	351.6691605
9/17/2019	0354	0.072711864	27.76662047
9/17/2019	0355	0.111	54.12019724
9/17/2019	0356	0.157	64.2630982
9/17/2019	0357	0.174666667	80.82812833
9/17/2019	0358	0.178666667	92.2273945
9/17/2019	0359	0.161666667	85.05794099
9/17/2019	0400	0.1775	53.63008623
9/17/2019	0401	0.215833333	41.10740224
9/17/2019	0402	0.185	37.23298921
9/17/2019	0403	0.151833333	36.28702134
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9/17/2019	0405	0.160833333	28.28404963
9/17/2019	0406	0.148833333	23.20764327
9/17/2019	0407	0.161166667	24.49034171
9/17/2019	0408	0.175333333	20.29654668
9/17/2019	0409	0.158	35.03099721
9/17/2019	0410	0.160666667	31.68998996
9/17/2019	0411	0.164833333	50.54917669
9/17/2019	0412	0.195833333	44.58961149
9/17/2019	0413	0.212666667	25.84409367
9/17/2019	0414	0.219166667	12.33572407
9/17/2019	0415	0.198333333	5.135416425
9/17/2019	0416	0.210833333	13.45339287
9/17/2019	0417	0.210666667	24.69817833
9/17/2019	0418	0.1945	36.33557153
9/17/2019	0419	0.208166667	44.99949321
9/17/2019	0420	0.209666667	47.18823655
9/17/2019	0421	0.2035	36.81450422
9/17/2019	0422	0.233833333	22.09369549
9/17/2019	0423	0.232166667	17.95832736
9/17/2019	0424	0.241333333	19.42139643
9/17/2019	0425	0.199666667	8.82847426
9/17/2019	0426	0.173166667	1.278151309
9/17/2019	0427	0.185666667	354.0621116
9/17/2019	0428	0.173728814	344.0216058
9/17/2019	0429	0.175666667	341.8247676
9/17/2019	0430	0.153333333	340.3528207
9/17/2019	0431	0.125	335.8322821
9/17/2019	0432	0.088166667	312.6940505
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179.6460325	0.178666667	77.84946872	163.6712675
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137.817938	0.238833333	42.6834048	137.6124666
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148.0826752	0.180833333	24.61612099	146.685438
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151.3512102	0.172666667	19.6553018	152.1440337
139.6078619	0.178666667	34.76797144	139.7220752
141.2953824	0.181666667	30.68015135	141.9091006
138.1474185	0.173	51.56463005	138.4074644
137.5035272	0.2155	45.11342947	137.5002695
145.5597635	0.237833333	31.91350111	141.1661777
163.3312525	0.2335	22.03573515	149.3350455
179.1387385	0.233166667	17.41762728	155.1312792
161.3442888	0.245666667	23.65374984	147.6275922
146.6075696	0.238166667	30.14509123	142.2544067
139.0873194	0.219	42.7613906	137.6050172
137.5	0.240833333	48.93350876	137.8246694
137.6003414	0.248	50.19312558	138.0667272
138.9152259	0.241333333	43.97774701	137.5218878
149.2711362	0.290338983	31.9345928	141.1541083
154.3771092	0.296166667	28.04236798	143.7501574
152.4400687	0.272333333	28.34359268	143.5220635
170.3305858	0.2395	17.07393262	155.6217394
190.2577941	0.205833333	12.78433095	162.5204441
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194.4543648	0.206333333	356.4747901	194.4543648
194.4543648	0.197166667	349.7642631	194.4543648
194.4543648	0.174	344.8490933	194.4543648
194.4543648	0.135333333	335.6818876	194.4543648
137.6114346	0.125166667	324.4827669	194.4543648
194.4543648	0.1945	340.6060344	194.4543648
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194.4543648	0.420833333	336.4999587	194.4543648

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337.8550166	194.4543648	0.438666667	335.8381911	194.4543648	194.4543648
331.4292589	194.4543648	0.354333333	327.8710229	194.4543648	194.4543648
322.4557523	194.4543648	0.308666667	320.4777817	194.4543648	180.2378913
310.6113107	137.9043524	0.2785	311.6277527	137.7385028	140.3843746
307.4557426	138.7006284	0.227666667	312.3772148	137.644189	141.856422
317.8652882	194.4543648	0.1915	317.2395744	194.4543648	180.3584374
321.6987835	194.4543648	0.158833333	311.7312452	137.7240688	180.2717908
332.2337785	194.4543648	0.153833333	319.6317566	194.4543648	194.4543648
355.3616747	194.4543648	0.127166667	334.6933497	194.4543648	169.5402696
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34.16865665	139.9940503	0.132	21.59042416	149.8330199	144.2809691
53.11903686	138.8921454	0.136833333	34.82355122	139.6976799	151.4623487
65.82397243	147.1096403	0.133166667	41.17904899	137.8063204	162.3521079
55.79707543	139.9780576	0.159166667	47.12308405	137.5944518	155.2224524
40.8038438	137.8695748	0.180666667	37.6842889	138.6284966	138.6719585
27.17490379	144.4334705	0.199166667	36.22696819	139.1277558	139.7479077
17.02231809	155.696147	0.216666667	27.47188418	144.1950821	144.5377092
19.43260708	152.425796	0.215833333	27.68283373	144.0285762	143.5426499
18.32348033	153.8796504	0.236833333	20.82849813	150.7140183	147.3831557
17.27803276	155.3294366	0.244166667	16.16633423	156.9592667	148.9664574
8.07596852	171.9969556	0.276666667	7.346824826	173.6718442	160.1092282
5.880871828	177.2282198	0.269166667	4.895994358	179.7676146	162.5951107
5.841228468	177.3280414	0.287666667	4.861888318	179.8578144	165.1702749
17.12169566	155.5530598	0.257666667	16.53377969	156.4102713	147.8233171
17.149124	155.5136962	0.251166667	17.75513298	154.6580489	148.344057
38.42257145	138.4110259	0.220166667	36.4187392	139.0567071	138.505654
30.26188177	142.1778332	0.2905	35.12792816	139.5665601	139.1870475
21.81790882	149.5770893	0.3115	29.48753443	142.6981677	144.7502995
15.70074766	157.6698061	0.302333333	23.38905623	147.8961919	154.558074
13.51180868	161.2434469	0.301166667	22.33158824	149.010994	161.1311147
17.03881221	155.6723476	0.300166667	24.76240708	146.5468869	152.7977789
18.40775599	153.7661798	0.298474576	22.96397498	148.3362388	147.7410987
28.3167279	143.5422157	0.301	35.61266663	139.3663602	139.9002281
34.40500933	139.8848367	0.308833333	44.48257572	137.5056071	138.1787783
33.73575134	140.2007239	0.318166667	46.38965239	137.5404526	138.3520613
27.51296334	144.1624742	0.376666667	38.10037136	138.5030222	139.7756525
16.77072128	156.061687	0.420666667	30.1124148	142.2759516	147.1907208
13.50264584	161.2592451	0.414666667	26.20400494	145.2456937	151.1580513
12.68123037	162.705192	0.408166667	24.75348745	146.5553	151.3056561
7.499884103	173.3152259	0.377666667	16.06433434	157.1134954	164.0952616
6.220521833	176.3810173	0.336833333	14.01390132	160.3887149	172.3869926
359.4440525	194.4543648	0.316	7.654040965	172.9587727	185.5400521
355.0627125	194.4543648	0.313666667	2.002772429	187.9990431	192.8405344
348.5016829	194.4543648	0.296333333	355.1422863	194.4543648	194.4543648
341.5103287	194.4543648	0.258333333	345.6434868	194.4543648	194.4543648
332.9789229	194.4543648	0.2355	337.4931512	194.4543648	194.4543648
328.5380211	194.4543648	0.233	337.8278614	194.4543648	180.2436323
338.9413507	194.4543648	0.280333333	344.2213638	194.4543648	194.4543648
337.1044554	194.4543648	0.388	339.2400108	194.4543648	194.4543648
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9/17/2019	0436	0.455833333	327.8989008
9/17/2019	0437	0.476666667	324.4880235
9/17/2019	0438	0.488	322.2391068
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9/17/2019	0441	0.552	325.2026036
9/17/2019	0442	0.6065	331.6439408
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9/17/2019	0444	0.436	351.6347928
9/17/2019	0445	0.378	359.8184785
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9/17/2019	0451	0.4295	315.947318
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9/17/2019	0500	0.377	330.5493999
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9/17/2019	0515	0.806	319.3537432
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9/17/2019	0524	0.644833333	326.6595032
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333.2882299	194.4543648	0.782	331.8213383	194.4543648	194.4543648
331.2967785	194.4543648	0.647	322.7427515	194.4543648	194.4543648
335.1607133	194.4543648	0.726166667	331.1074727	194.4543648	194.4543648
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356.6512561	194.4543648	0.592666667	358.0482119	194.4543648	193.0839329
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9/17/2019	0534	0.832	344.1285634
9/17/2019	0535	0.799166667	342.8920679
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9/17/2019	0547	0.392666667	327.4246161
9/17/2019	0548	0.3865	327.690229
9/17/2019	0549	0.400666667	327.8100984
9/17/2019	0550	0.369333333	327.1315929
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144.3974334	0.456166667	301.6956178	141.2920998
144.2739115	0.462166667	302.731323	140.7136334
142.3843846	0.4165	304.3978923	139.8880881
144.1790666	0.3225	303.7572903	140.1902373
154.948179	0.25	291.9287275	149.4535821
157.5734581	0.321333333	292.0414659	149.3287173
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355.943907	194.4543648	0.854666667	359.3321438	194.4543648	192.4390674
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353.2031316	194.4543648	1.182166667	354.7878958	194.4543648	194.4543648
352.4055288	194.4543648	1.079	353.8946221	194.4543648	194.4543648
353.7787542	194.4543648	0.950166667	354.5405579	194.4543648	194.4543648
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352.0849283	194.4543648	0.472666667	346.6582154	194.4543648	194.4543648
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335.7049562	194.4543648	0.3775	329.2763552	194.4543648	180.294768
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306.4447938	139.04718	0.286833333	306.0811919	139.1828562	148.9774012
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265.2664733	180.1986767	0.325333333	276.0963258	176.6891436	174.9095486
277.9834175	172.2062171	0.3065	284.7486164	159.176065	174.772619
299.3670603	142.7818128	0.359	297.7023589	144.0132827	148.304244
307.7504712	138.6080344	0.390666667	304.7543872	139.7280589	143.5288922
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307.5465015	138.6717107	0.474333333	299.442201	142.7295571	143.2217654
309.6456116	138.1026016	0.554833333	298.7590457	143.2151404	142.4754522
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9/17/2019	0622	0.534833333	279.2261382
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9/17/2019	0634	0.127166667	292.5827248
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9/17/2019	0638	0.2235	6.09424511
9/17/2019	0639	0.246	2.449976861
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169.4746896	0.662333333	282.5656601	162.9134124
159.6649123	0.657	288.8202362	153.2179818
163.6284257	0.6895	286.4955904	156.4668512
165.6301547	0.7145	284.7635642	159.1518548
156.4310869	0.648666667	291.0927317	150.4043053
145.4695598	0.400833333	300.4213265	142.074379
141.4911715	0.385666667	305.6566121	139.3487317
142.637046	0.3565	304.2129757	139.9733769
151.6218405	0.315666667	294.9738307	146.348788
191.289733	0.246833333	277.0154053	174.4533639
171.8703507	0.183166667	281.3717455	165.1357595
186.6882155	0.193666667	275.4248844	178.3884038
148.7401286	0.125	295.9266005	145.4871382
194.4543648	0.112	327.5084926	194.4543648
194.4543648	0.141333333	342.9144822	194.4543648
189.9778683	0.184166667	9.344587033	169.2229824
176.694322	0.235666667	12.99545706	162.1450645
186.6463764	0.258474576	10.53070889	166.7819691
160.5887392	0.235333333	20.37591861	151.2549653
151.0036957	0.2095	25.50568812	145.8615691
158.3497164	0.205666667	23.8362508	147.4447957
158.5460901	0.252333333	22.33411583	149.0082487
172.6285844	0.271	15.85412278	157.4338795
181.0219443	0.219333333	12.53173577	162.9747603
173.0848415	0.104833333	18.9480555	153.0505055
145.6158676	0.0525	141.5302942	138.3979449
173.6889574	0.114166667	185.7546463	177.5467418
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139.4224545	0.2485	217.8384046	138.5811425
137.7446597	0.281	224.7333556	137.501489
137.6432856	0.280833333	225.8831459	137.5163356
140.6148191	0.2685	240.6720447	142.8091203
170.5529623	0.277833333	264.7254834	178.7768187
155.593124	0.250166667	286.3782691	156.641362
168.4313891	0.349833333	283.1474267	161.8772939
158.3559501	0.360166667	291.0299194	150.4775235
158.9403737	0.3355	289.3962836	152.4720717
177.4947476	0.325166667	281.2754261	165.3208397
175.5804349	0.315666667	270.0279877	194.359448
145.4721616	0.320333333	248.5955603	150.0446726
137.8995551	0.3385	224.756975	137.5012369
147.8320882	0.432	203.3500726	147.9361004
153.9430197	0.384666667	199.7868216	151.9791952
145.0902272	0.342833333	207.6395753	144.0625303
147.29871	0.230666667	203.019083	148.2785821
142.769358	0.193833333	207.0995489	144.4947018
165.8703953	0.238833333	191.8310838	164.2651596

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274.4782938	180.8830028	0.567833333	275.779145	177.4847641	180.6678102
256.4092689	161.1076707	0.684666667	264.0191349	176.9773121	167.0967494
252.8696943	155.5406972	0.794833333	261.3735825	170.7719582	162.0869973
274.4164064	181.05026	0.8615	275.2377	178.8723657	182.8557764
281.7034748	164.5050392	0.795833333	279.805297	168.2578381	166.2877448
289.8061641	151.9550502	0.8205	288.8801146	153.1393852	154.4943324
287.6744252	154.7704614	0.828833333	285.7870113	157.5368868	158.1006563
285.9789415	157.2432302	0.838166667	286.4989897	156.4618105	159.6217625
293.8492034	147.4318961	0.751333333	293.0141855	148.2836988	150.6377468
308.8005021	138.3088425	0.496333333	303.1769271	140.4802952	141.5832691
312.8631678	137.5956798	0.491833333	305.7914647	139.2951754	139.4326896
311.6016541	137.7422142	0.454	303.4366765	140.3485472	140.1752961
299.4947414	142.693187	0.387833333	295.0829118	146.247569	146.7278461
286.2943915	156.7667688	0.2935	281.8070302	164.3102598	171.7050314
289.6155322	152.1941068	0.279333333	283.9124474	160.5596997	162.4399792
283.9897023	160.4294198	0.2075	285.2038364	158.446879	170.9882295
317.7656239	194.4543648	0.183728814	290.8439074	150.6958338	159.8443664
352.3811203	194.4543648	0.137666667	311.4919977	137.7581226	180.2803043
353.9937863	194.4543648	0.155666667	332.6723779	194.4543648	194.4543648
355.7352549	194.4543648	0.203833333	354.8643861	194.4543648	187.0273951
355.1388128	194.4543648	0.264333333	358.238356	194.4543648	181.937029
355.5686301	194.4543648	0.32	1.438872912	189.7495043	184.4080536
354.3661586	194.4543648	0.3145	5.255404304	178.8263973	171.2811167
356.7819661	194.4543648	0.267166667	13.31141919	161.5906024	163.227558
358.8002379	194.4543648	0.286833333	19.13731034	152.8045986	163.2633689
2.569037858	186.2914312	0.349333333	20.08969485	151.6039801	161.3624375
359.8828756	194.4543648	0.358166667	14.51461304	159.5574486	171.0185693
355.3986727	194.4543648	0.3345	11.70219692	164.5074491	175.7396296
353.3829029	194.4543648	0.207333333	19.1868216	152.7406717	168.3325959
125.5911479	139.3750239	0.077166667	44.53723809	137.5044849	140.2233303
174.0072828	176.9476552	0.0525	185.4926169	178.2143952	176.5994374
184.8390364	179.9183369	0.1475	215.4400932	139.4364242	150.5398609
199.1073166	152.8434069	0.230666667	224.7639757	137.5011667	142.0870426
209.7398317	142.5253545	0.259166667	233.4573221	139.0116561	139.1957898
212.2585327	140.9713957	0.2505	230.2702132	138.0837373	138.5536886
224.4574644	137.5061645	0.290166667	242.787175	144.4027708	141.3332187
250.0670324	151.7973808	0.324	260.6411988	169.1928757	167.5800094
291.9168785	149.4667514	0.334833333	281.1693643	165.5256627	156.806725
287.4380922	155.1023487	0.4175	287.1929843	155.4508657	160.2154744
299.638955	142.5940689	0.44	295.673255	145.7113337	149.284719
294.044091	147.2389864	0.46	289.8562567	151.8926363	152.636017
281.8696619	164.1929382	0.377333333	273.1181827	184.6818944	172.922605
267.9503029	187.8556508	0.414666667	271.0923755	190.8505992	187.1615332
234.7399238	139.5109349	0.379	248.4706491	149.902282	146.2325128
214.0759472	140.037587	0.387166667	222.5107099	137.6298734	138.2670631
201.4223996	150.0241389	0.503166667	207.1997531	144.4133447	147.5514181
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203.803651	147.4773053	0.394666667	205.1110032	146.2216106	145.7129183
200.9088256	150.6193912	0.302166667	205.658366	145.7246197	147.9803258
201.8290275	149.5646632	0.221166667	207.445127	144.2163693	145.2612731
189.8654557	168.1334236	0.296333333	193.1773334	161.8248364	165.0234537

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9/17/2019	0710	0.273833333	218.5663065
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9/17/2019	0714	0.511833333	227.7211632
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9/17/2019	0718	0.4035	249.5523832
9/17/2019	0719	0.329333333	268.2824689
9/17/2019	0720	0.336666667	278.0060158
9/17/2019	0721	0.353559322	281.8505955
9/17/2019	0722	0.326	265.8394589
9/17/2019	0723	0.309833333	266.4136563
9/17/2019	0724	0.448833333	283.6342276
9/17/2019	0725	0.5585	295.7676982
9/17/2019	0726	0.534333333	317.0196849
9/17/2019	0727	0.617833333	323.0574623
9/17/2019	0728	0.628666667	320.223919
9/17/2019	0729	0.647166667	326.0399604
9/17/2019	0730	0.667833333	326.2134497
9/17/2019	0731	0.576333333	328.5838873
9/17/2019	0732	0.546333333	324.6666757
9/17/2019	0733	0.689666667	331.3417451
9/17/2019	0734	0.819	326.3348309
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9/17/2019	0736	0.846	325.2156443
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9/17/2019	0738	1.013833333	333.6085902
9/17/2019	0739	1.026833333	330.7681708
9/17/2019	0740	1.104166667	334.4622857
9/17/2019	0741	1.060333333	335.6120858
9/17/2019	0742	1.264666667	337.4700058
9/17/2019	0743	1.157166667	329.7642978
9/17/2019	0744	1.352	332.0956016
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9/17/2019	0747	1.1275	334.2336182
9/17/2019	0748	1.1925	334.873622
9/17/2019	0749	0.997	335.4304225
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9/17/2019	0751	0.997833333	346.281455
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181.7473159	0.441166667	272.9986237	185.0285022
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227.8708921	137.6727889	0.411333333	228.6912167	137.7858368	137.7285442
227.5475855	137.6360326	0.474833333	223.1756939	137.5697279	137.5585427
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238.3159662	141.2988582	0.539833333	234.0603091	139.2372448	140.0060594
244.3538723	145.7355496	0.491833333	239.8939837	142.2801766	144.1084005
248.3423904	149.7570965	0.435166667	244.2761707	145.6662957	147.3830988
259.1920333	166.2316995	0.426833333	255.022273	158.8069783	158.6984727
270.7846382	191.8452079	0.428833333	272.7991599	185.6114673	187.2622663
275.1801711	179.0220181	0.434166667	282.6345362	162.7891759	170.1232322
278.7159125	170.5759218	0.438833333	285.090063	158.6275601	162.8472851
274.3223405	181.305482	0.446666667	276.6370445	175.3614273	180.8606818
270.5566185	192.5924802	0.4725	276.708312	175.1890792	185.932128
285.2858384	158.3172952	0.593333333	288.8223428	153.2152125	156.8783693
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335.1411784	194.4543648	0.695166667	335.7091482	194.4543648	194.4543648
332.4835186	194.4543648	0.699833333	331.8683446	194.4543648	194.4543648
337.0819026	194.4543648	0.856	337.8008043	194.4543648	194.4543648
330.109142	194.4543648	1.027666667	330.6685041	194.4543648	194.4543648
330.2704095	194.4543648	0.9805	331.6555504	194.4543648	194.4543648
332.0332731	194.4543648	1.121333333	335.4934107	194.4543648	194.4543648
332.8331873	194.4543648	1.0805	334.262172	194.4543648	194.4543648
336.552036	194.4543648	1.263833333	338.7820471	194.4543648	194.4543648
336.4145921	194.4543648	1.3515	339.409228	194.4543648	194.4543648
338.3836209	194.4543648	1.454833333	341.1220129	194.4543648	194.4543648
338.2558573	194.4543648	1.422	343.5881964	194.4543648	194.4543648
341.125302	194.4543648	1.609	344.1500859	194.4543648	194.4543648
334.7263061	194.4543648	1.570508475	339.6121142	194.4543648	194.4543648
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335.7583933	194.4543648	1.6215	340.5625217	194.4543648	194.4543648
337.9495667	194.4543648	1.543666667	342.0316186	194.4543648	194.4543648
337.0836531	194.4543648	1.449	341.4354067	194.4543648	194.4543648
339.7660939	194.4543648	1.554833333	344.48656	194.4543648	194.4543648
340.4349859	194.4543648	1.314333333	345.3961139	194.4543648	194.4543648
341.8836781	194.4543648	1.234	344.8742218	194.4543648	194.4543648
348.3773024	194.4543648	1.256833333	351.5990004	194.4543648	194.4543648
346.9036331	194.4543648	1.306	349.0237925	194.4543648	194.4543648
344.5403519	194.4543648	1.364833333	347.9653968	194.4543648	194.4543648
344.3335203	194.4543648	1.287666667	348.1200887	194.4543648	194.4543648
342.5713365	194.4543648	1.322666667	346.1143722	194.4543648	194.4543648
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9/17/2019	0808	1.592	343.6817741
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9/17/2019	0822	1.322166667	341.1147649
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352.1128462	194.4543648	1.698166667	357.0938881	194.4543648	194.4543648
346.4947005	194.4543648	1.558	350.6140867	194.4543648	194.4543648
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353.3107395	194.4543648	1.6665	358.166331	194.4543648	194.4543648
359.3894999	194.4543648	1.860833333	5.290661639	178.7349745	186.9369924
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12.87195721	162.3641672	1.741333333	18.08999495	154.1966419	158.9648113
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27.073249	144.5161435	1.953166667	32.1807392	141.0148194	142.6410508
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31.10287651	141.6461907	1.6915	33.76506508	140.1864572	140.5426355
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28.32013547	143.5396575	1.8265	31.87361209	141.1890614	142.5103198
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41.40957392	137.7704149	1.164833333	43.91575617	137.5246233	137.7593299
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48.42499602	137.7460337	1.2705	49.0620732	137.8462848	137.9681968
44.25185678	137.5117227	1.581	46.22572086	137.5314698	137.8037308
26.00903917	145.4149462	1.5615	33.23166677	140.4522699	143.7760736
19.57318855	152.2475377	1.284	27.27621025	144.3516266	149.0962252
21.17107212	150.3133394	1.324666667	25.66493653	145.7187551	147.9956891
18.3274129	153.8743444	1.3615	22.66427713	148.652995	150.916624
30.95028058	141.7400941	1.0485	34.58166416	139.804872	141.1277351
47.00266426	137.5840359	0.981333333	46.20236937	137.5302819	137.9548521
61.93525917	143.7330546	0.889666667	58.04707548	141.1436355	144.360197
29.00146117	143.0401265	1.270833333	36.99450258	138.8531642	142.3822039
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67.563032	148.8968674	0.896333333	65.01245905	146.3360291	149.1850874
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338.9177236	194.4543648	0.483666667	338.0227367	194.4543648	194.4543648
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142.4348013	1.330833333	65.84834857	147.133462
170.7428745	1.046666667	107.1539696	155.5067479
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168.2033708	1.351166667	106.1968913	156.9132187
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138.3524792	0.851666667	45.86931596	137.5158279
147.5231324	0.615166667	70.27874448	152.0612267
137.5084362	1.1725	50.11602992	138.0499695
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78.64773052	165.1731121	1.2485	82.62143898	173.5976785	169.149296
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71.35438416	153.4486089	1.370333333	75.37399455	159.3753397	155.8098753
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71.17197271	153.2077412	1.604666667	71.50009685	153.6426824	151.6406062
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108.823969	153.2130749	1.356166667	105.8158467	157.4925852	152.8384716
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107.0567069	155.6465501	1.402166667	110.1106815	151.5782062	154.2970343
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137.5016631	1.523166667	52.04000145	138.5445112
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137.6059758	1.040166667	54.27965604	139.3233194
145.0963321	1.041666667	32.75687598	140.7000017
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194.4543648	1.06	355.2933616	194.4543648
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194.4543648	0.948	355.476436	194.4543648
140.0740487	0.799166667	39.29791953	138.1837383
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153.4360058	1.421666667	113.5219554	147.7608153
178.3591855	0.944833333	91.56001711	189.369154
167.1659797	0.789333333	81.88260576	171.9036002
162.6699482	0.360833333	75.35636488	159.3466112
141.9846343	0.5765	60.91787477	142.9825523
168.7926136	1.043833333	78.35001589	164.6060428
147.7846206	1.180666667	28.74046183	143.2286807
194.4543648	0.574166667	312.8279843	137.5988584
194.4543648	0.924	4.205918747	181.6230374
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139.4359799	0.679166667	127.6914201	138.6262825
141.3325095	0.566666667	24.45368436	146.8407157
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140.048988	1.817	37.76223274	138.6044179
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194.4543648	1.903559322	0.262639025	193.5690972
182.4831213	1.279	13.34609945	161.5302738
138.4218135	0.999833333	40.35496608	137.9531021
170.6961919	1.346833333	88.22919617	188.7129848
137.6228951	0.858833333	53.63118791	139.0750475
159.4731024	1.613	78.06223775	164.0657851
160.2160147	1.4785	79.08528847	166.0218459
186.1087385	1.158666667	99.7445906	168.3837601
142.7305659	1.375833333	123.6655864	140.2350332
138.0538776	1.173166667	141.5999796	138.4173183
137.5000727	1.480666667	139.7200473	137.9678966
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164.0356237	1.375333333	107.1557494	155.5041961
182.5434125	1.579666667	99.66914306	168.5407864

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72.11809399	154.4824228	0.933333333	75.00248979	158.7753077	154.9948526
64.01156784	145.4329569	0.9715	62.75088566	144.3734637	145.4618859
51.32877957	138.3431029	1.615333333	53.29301666	138.952979	138.4996191
70.77875621	152.6963258	0.825666667	66.7805793	148.0705092	149.5871309
72.85036534	155.5129639	0.910666667	72.32064771	154.7635852	157.7316377
40.46219725	137.9323696	0.824333333	45.5276449	137.5058308	138.5778904
55.41379586	139.8028356	0.739666667	47.32170698	137.6129638	139.6660514
81.65880517	171.4025459	0.688166667	85.34779229	180.4157566	168.9532789
56.42129246	140.2778303	1.554166667	56.47091084	140.3024291	140.4587137
50.57498944	138.1534795	1.6675	51.25391654	138.3231759	138.1307074
38.163781	138.4845613	1.418166667	37.99949364	138.5327513	138.458461
51.8213875	138.4802685	1.1545	50.83523306	138.216184	138.4064369
32.85538447	140.6477367	1.175666667	34.27778336	139.943308	141.5968446
30.72730276	141.879344	0.438	37.38227187	138.7243015	142.6063786
353.5668786	194.4543648	1.175833333	355.4845042	194.4543648	194.4543648
344.4830458	194.4543648	1.652833333	351.453182	194.4543648	194.4543648
352.2488653	194.4543648	1.051833333	357.4779424	194.4543648	194.4543648
39.26628166	138.1913786	0.894	39.68009191	138.0948376	138.6360008
85.05725547	179.6442253	1.091166667	86.41655252	183.3528939	182.3837742
107.2043614	155.4345911	1.4585	111.0366834	150.4696269	151.7752598
91.98223433	188.061912	1.130333333	100.8839509	166.082206	180.4681144
78.18116869	164.2881261	0.806666667	82.03216527	172.2415448	168.8998127
62.14878071	143.8973409	0.438666667	57.20648817	140.680511	151.6486028
58.34137532	141.3137047	0.6385	61.23952303	143.2140983	142.3737474
76.90620273	161.9715579	1.174166667	76.70821207	161.6247985	164.2487532
27.8302757	143.9135831	1.288	29.7084411	142.5466824	144.3683917
315.6255348	194.4543648	0.683	332.5765792	194.4543648	180.2404882
9.558227129	168.7726962	0.994666667	7.296312901	173.7901285	179.6600567
115.0436535	146.2839205	1.423833333	117.4477865	144.2142518	144.9763203
127.2882224	138.7549502	0.953	131.6643175	137.7333515	138.7409408
126.3623329	139.0774357	0.824833333	132.408079	137.6408126	138.6951277
33.17553699	140.4810087	0.6465	35.08841507	139.5833452	142.0593948
43.22020467	137.5663655	1.465932203	48.96822987	137.8304379	137.6332521
35.96326597	139.2281213	2.010333333	38.03579041	138.5220036	139.1008827
22.89320736	148.4105466	1.732333333	26.32256499	145.1437837	148.2568356
353.2456343	194.4543648	1.968	1.209675224	190.4756374	193.238366
7.489505844	173.3393212	1.427666667	15.88289511	157.3898251	168.6856354
42.5293933	137.6279297	1.183833333	47.33414829	137.6141786	137.904256
80.76875351	169.4638039	1.568	82.25647723	172.7531106	175.4065228
55.28564839	139.7457429	0.961666667	54.09844999	139.2520576	138.9239358
75.77217213	160.0310074	1.715166667	77.39984278	162.8511345	161.6052573
76.40973932	161.1084784	1.643166667	78.57120074	165.0265442	163.0932208
94.35961544	181.2042021	1.398666667	98.48227232	171.0895322	176.6965582
119.3671624	142.7817416	1.550333333	120.9669907	141.729756	141.8692742
137.1551277	137.5973262	1.255666667	137.6607268	137.6483947	137.9292292
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194.4543648	0.711333333	357.6225543	194.4543648
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166.9657024	1.8665	105.5537397	157.8976668
179.8958886	1.160166667	91.31465227	190.1419879
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103.0757319	162.0033679	1.722166667	107.4838306	155.0378003	158.4694939
33.0359708	140.5531034	1.597333333	36.29198118	139.1034866	140.106607
14.08043674	160.27705	2.528833333	19.83274629	151.9219087	158.5242085
45.54726787	137.5062725	1.451666667	47.77657815	137.6616116	137.7789199
58.7724712	141.57032	2.245666667	58.84179282	141.6124204	141.3153502
61.03709884	143.0677653	1.9275	59.5254174	142.0401028	143.4507305
24.12962466	147.1550173	2.013833333	27.70312366	144.0126841	146.6384952
13.27438841	161.6551351	1.72	16.68282191	156.19051	160.3137485
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341.9626645	194.4543648	1.676666667	346.4184522	194.4543648	194.4543648
351.348432	194.4543648	1.5435	358.6751115	194.4543648	194.4543648
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34.17594786	139.990643	1.847833333	36.6525001	138.9723041	140.0257308
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53.0919096	138.8827803	3.1005	54.77627494	139.5261578	139.179441
67.72436033	149.0718627	2.4725	69.18803053	150.7335409	150.6286627
60.03285301	142.3723723	1.979166667	60.39956641	142.6204427	142.7486367
48.33080647	137.7326688	2.454	49.86362382	137.9968819	137.8717975
31.49850602	141.4079744	3.257666667	34.28620337	139.9394155	140.9470586
65.83372887	147.1191707	2.1285	66.85128192	148.1436683	147.7422692
66.81556127	148.1066694	2.2855	67.0105772	148.3095915	148.2960824
72.80494605	155.4479045	1.947333333	71.48777492	153.6262134	154.9948882
59.20298142	141.8355462	1.590666667	61.29633495	143.2555431	141.6597383
54.73045009	139.5069773	2.260166667	56.55406305	140.343908	139.785053
76.89524812	161.9522826	1.624333333	78.0380198	164.0206699	163.0031647
105.7566834	157.5835512	1.268333333	105.826982	157.4754948	154.1589974
100.7391001	166.3676753	1.39	104.1686075	160.1296469	162.0634232
111.4313076	150.0139619	2.009833333	111.5184612	149.9146565	149.1179602
86.60854729	183.8975214	2.23	88.07475388	188.2367049	187.563148
24.2125287	147.0740336	1.7815	28.42681649	143.4598708	146.637269
358.5305788	194.4543648	1.4105	5.404740456	178.4402684	189.868762
350.6298027	194.4543648	0.959166667	358.5673237	194.4543648	194.4543648
99.44396125	169.0129419	1.156833333	93.30408368	184.1471178	178.0203566
170.5991134	169.1038594	1.706	164.8201957	158.4849575	167.0146503
70.12696163	151.8717642	1.4195	69.57066502	151.1904258	153.5931204
57.15559163	140.6535377	2.050666667	58.52770021	141.4235205	140.6682258
57.65346804	140.9226205	2.449	60.64824848	142.7924939	141.2192361
97.38523041	173.5821073	2.020833333	97.69581449	172.8626484	167.8270312
85.70329247	181.3752395	1.2965	86.01980423	182.244056	183.414293
77.72153495	163.4360471	1.460166667	82.47704715	173.2617113	166.0262135
96.53698584	175.6044338	1.722333333	102.1432598	163.6846817	171.1105812
104.7420285	159.1867407	1.316666667	110.0489566	151.6540944	157.3070354
110.6076515	150.9763249	1.201355932	113.2859522	148.0019379	149.2920489

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9/17/2019	1215	0.458166667	197.3543945
9/17/2019	1216	0.872333333	133.7938647
9/17/2019	1217	0.7635	92.03182733
9/17/2019	1218	0.589333333	93.27586902
9/17/2019	1219	0.991333333	238.715257
9/17/2019	1220	0.596	291.94014
9/17/2019	1221	0.858666667	65.53220585
9/17/2019	1222	1.707166667	66.41657855
9/17/2019	1223	1.906833333	28.83093877
9/17/2019	1224	1.361666667	13.65887324
9/17/2019	1225	2.0155	21.61116626
9/17/2019	1226	2.36779661	17.42143785
9/17/2019	1227	1.7375	19.46609421
9/17/2019	1228	1.624	19.54649049
9/17/2019	1229	1.412666667	50.26884332
9/17/2019	1230	1.3975	63.77049455
9/17/2019	1231	1.794	91.54455304
9/17/2019	1232	1.050333333	85.42721446
9/17/2019	1233	0.516833333	40.00426839
9/17/2019	1234	1.223333333	44.29253011
9/17/2019	1235	1.7195	7.6074177
9/17/2019	1236	1.796	32.63473821
9/17/2019	1237	1.305333333	6.305911386
9/17/2019	1238	1.401666667	2.400811618
9/17/2019	1239	0.930666667	352.1644815
9/17/2019	1240	0.431166667	234.1841175
9/17/2019	1241	0.5465	196.3580216
9/17/2019	1242	0.801166667	343.7140749
9/17/2019	1243	0.9485	306.0220931
9/17/2019	1244	1	317.3574939
9/17/2019	1245	0.5705	305.5502058
9/17/2019	1246	0.902	325.4982404
9/17/2019	1247	0.392333333	79.66535489
9/17/2019	1248	1.588833333	55.0335847
9/17/2019	1249	1.966	79.99556499
9/17/2019	1250	1.678166667	72.84645523
9/17/2019	1251	1.942666667	67.99561036
9/17/2019	1252	1.744	39.22789315
9/17/2019	1253	1.789833333	30.37356669
9/17/2019	1254	1.5625	32.32296703
9/17/2019	1255	1.434	32.53644099
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9/17/2019	1300	1.443559322	17.61033262
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154.8600671	1.577333333	24.8889306	146.4280334
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141.3200684	2.217333333	60.89673969	142.9675216
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67.24050776	148.5517732	2.002666667	70.43526168	152.258215	150.2946416
31.4105212	141.4602995	2.483	35.54563602	139.3934158	140.9678481
11.99588964	163.9575917	1.614666667	13.09053206	161.9773052	161.2287476
21.00532069	150.5062662	2.468166667	25.54516327	145.8260366	148.2213397
21.500146	149.9354857	2.899166667	27.24776146	144.374555	148.5976133
22.91835173	148.3841099	2.042166667	26.17650916	145.2694375	147.8192081
22.57102275	148.7526646	1.912666667	26.49783267	144.9945276	147.3589216
53.80749839	139.1406982	1.563833333	56.57755622	140.3556852	139.3277154
64.81293835	146.1515503	1.559666667	66.02344389	147.3055858	146.6987345
88.12452511	188.3897807	1.864666667	90.9876372	191.1873356	187.3596806
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3.609849696	183.2784123	1.7065	11.47190129	164.9442402	174.9449515
355.3320804	194.4543648	0.989666667	4.615412584	180.5142722	185.6630123
249.0733276	150.5984237	0.4785	255.231886	159.1444893	153.6079731
204.4030368	146.8894399	0.527833333	210.5647051	141.9824159	148.8918354
346.8443893	194.4543648	0.995833333	352.778634	194.4543648	194.4543648
307.3071711	138.748744	1.158666667	310.4117154	137.942069	138.4792664
319.173528	194.4543648	1.195833333	319.8806927	194.4543648	194.4543648
306.4876553	139.0315726	0.726166667	306.0433082	139.1973301	140.1727148
324.2635408	194.4543648	0.9705	330.4923084	194.4543648	194.4543648
230.9290186	138.2394945	0.372666667	244.6387816	145.9923484	148.1376815
57.6438612	140.9173179	1.877118644	60.24670057	142.516219	141.3054017
79.97335648	167.8018864	1.999333333	80.10351036	168.0693866	170.0551625
73.75889944	156.8467241	1.703833333	75.89341456	160.233267	158.9586208
69.85389495	151.5347681	2.176833333	71.69739866	153.9078397	152.6049481
37.77236574	138.6013071	2.010333333	41.05367204	137.8267932	138.0490919
32.07118266	141.0764596	2.1765	37.56607344	138.6655219	140.4456715
33.11356119	140.5129111	1.905833333	36.50189349	139.026406	139.8596997
32.00833189	141.1120788	1.6985	33.55743145	140.2883642	140.341697
17.9127111	154.439921	2.530666667	21.54878296	149.8802191	152.8036172
18.70898932	153.3646644	2.541833333	23.76772381	147.5132051	153.0012963
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306.2512666	139.1186633	1.037833333	314.6506415	137.5025561	140.3789647
22.56573431	148.7583327	1.651833333	27.68217668	144.0290911	148.5188811
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9/17/2019	1308	2.426833333	326.2099711
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9/17/2019	1310	2.478	337.4950913
9/17/2019	1311	1.6685	330.0569874
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9/17/2019	1318	2.847833333	313.9252534
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9/17/2019	1320	3.132333333	327.9656838
9/17/2019	1321	2.997166667	325.7027826
9/17/2019	1322	2.780833333	334.5754669
9/17/2019	1323	2.7185	330.1076035
9/17/2019	1324	2.486666667	334.041667
9/17/2019	1325	1.6145	4.13896299
9/17/2019	1326	1.329833333	7.899211567
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9/17/2019	1329	1.401	28.45195968
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9/17/2019	1337	0.925166667	84.30942902
9/17/2019	1338	1.698833333	92.00190915
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9/17/2019	1345	2.79	341.5125652
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331.6634049	194.4543648	2.881833333	336.749043	194.4543648	194.4543648
339.0298175	194.4543648	2.958666667	343.3716858	194.4543648	194.4543648
331.7990969	194.4543648	1.980666667	336.9921883	194.4543648	194.4543648
324.077634	194.4543648	1.709666667	327.3244914	194.4543648	194.4543648
317.2639793	194.4543648	1.939166667	320.6340717	194.4543648	180.2202432
323.5160908	194.4543648	3.066666667	329.2829293	194.4543648	194.4543648
323.2516046	194.4543648	3.3695	325.4373966	194.4543648	194.4543648
320.9038399	194.4543648	3.599166667	325.1091603	194.4543648	194.4543648
330.3002666	194.4543648	3.877	334.4042366	194.4543648	194.4543648
314.6937006	137.5019648	3.477333333	317.9447741	194.4543648	165.9837221
312.4839759	137.6326802	3.401666667	315.7388884	194.4543648	166.1136689
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327.1015497	194.4543648	3.664237288	331.7739303	194.4543648	194.4543648
336.5869258	194.4543648	3.334333333	340.4114856	194.4543648	194.4543648
332.5197857	194.4543648	3.1305	337.3366084	194.4543648	194.4543648
336.3457891	194.4543648	2.962666667	342.3529977	194.4543648	194.4543648
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313.2803813	137.5619519	1.104666667	309.6190131	138.1086255	137.6823962
285.3650743	158.1925912	0.795666667	293.4994579	147.7836589	161.1318157
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3.43500293	183.7735189	3.212666667	7.792879962	172.6400588	179.6074366
1.844592931	188.4849577	2.470166667	5.79798624	177.4371502	183.9943685
3.350798088	184.0135263	2.664833333	6.973484446	174.5531358	179.1901083
357.4963735	194.4543648	2.3785	2.234850477	187.2932106	190.7053135
353.3893228	194.4543648	2.705666667	357.5617344	194.4543648	194.4543648
7.557833511	173.1809116	2.2915	13.23563751	161.7227929	171.5150136
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89.06459194	191.3559372	1.605666667	89.81538981	193.8308383	187.2376708
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9/17/2019	1358	0.914833333	216.4216469
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9/17/2019	1403	1.6825	251.1095112
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9/17/2019	1406	1.678	281.8354563
9/17/2019	1407	2.468474576	252.3453462
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9/17/2019	1417	0.899833333	212.2152479
9/17/2019	1418	1.833666667	237.9858773
9/17/2019	1419	1.750166667	248.1202197
9/17/2019	1420	1.661166667	262.1109535
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9/17/2019	1429	0.96	260.033458
9/17/2019	1430	1.918166667	244.1635073
9/17/2019	1431	1.9585	267.8401128
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165.4297576	1.776	263.6723903	176.1168608
173.0915799	2.130833333	266.6555845	184.0317604
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138.8896942	2.077666667	312.8836229	137.5938557
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138.4196237	1.205333333	54.64272408	139.4705222
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251.9231155	154.2145561	2.1035	253.081632	155.8466019	155.278755
204.1089748	147.1752506	0.541	254.7086706	158.3086371	165.5424761
307.9988551	138.5329409	2.41	312.5186224	137.6290484	138.7286474
281.9988107	163.9521628	2.182	281.3878282	165.1049419	163.0265796
253.4552178	156.3939908	3.136	255.8915672	160.2301759	159.0825055
238.7394527	141.5503489	3.000666667	239.9600429	142.3239143	141.3873413
244.4565054	145.8275369	3.333	246.3609414	147.6423921	145.9039874
228.2518699	137.7217568	2.136666667	228.6544949	137.7801683	137.7327583
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296.1681442	145.2766691	1.778333333	296.3923634	145.0841446	144.0631157
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220.1483589	137.9944292	1.788833333	221.1520982	137.810665	137.9092774
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265.4333349	180.6450697	2.332333333	266.5367974	183.6933705	181.680677
252.4317549	154.9190703	2.327666667	253.8334288	156.9589093	156.8116555
254.3712581	157.7812023	2.7275	257.4231556	162.8932095	159.5166818
288.2451694	153.985539	2.1565	291.8882064	149.4986544	151.6831587
41.31273592	137.7852239	0.621833333	49.49157805	137.9235832	138.4845642
244.2672498	145.658366	1.4075	244.1498398	145.5544108	146.8035274
236.5321086	140.3329253	1.9595	238.9271376	141.6645713	141.140981
246.2290337	147.509962	2.349166667	247.396768	148.7181799	148.4707108
249.5835475	151.2059737	1.947833333	252.5725742	155.1174235	151.9130607
258.5287654	164.9455119	1.337288136	262.4794142	173.2671996	170.9671773
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276.0988761	176.6827971	2.738166667	277.3505531	173.6631253	175.8952057
260.8556116	169.6492706	1.9555	261.3128579	170.6388481	170.4586843
261.5722779	171.2103061	2.247166667	263.7774718	176.3760553	176.1774254
282.2408187	163.5051092	1.450166667	280.5022455	166.8388877	163.4123785
311.2178101	137.8001258	2.402666667	314.0618326	137.5184347	137.9505276
343.1164485	194.4543648	3.027333333	347.5944296	194.4543648	194.4543648
339.6093316	194.4543648	2.984666667	344.6056983	194.4543648	194.4543648
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47.75874353	137.6595401	1.435666667	44.94932385	137.5000538	138.2344757
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354.7227028	194.4543648	2.264666667	359.8018635	194.4543648	194.4543648
24.58825012	146.7119734	1.759333333	29.45036233	142.7238985	145.9837036
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153.3816293	1.615833333	291.5078506	149.926721
166.1037278	1.076333333	261.6129273	171.3005155
194.4543648	0.875833333	353.2011656	194.4543648
137.8214216	2.036	317.220571	194.4543648
163.010921	1.393666667	287.0181363	155.7021841
139.0216263	1.482166667	311.2406185	137.7965104
140.883682	0.798166667	241.2374982	143.2126242
171.0682262	1.331333333	15.57051672	157.8715768
154.1952163	1.376666667	21.28852047	150.1776942
139.051705	1.309	41.39759081	137.7722259
156.3223531	0.640166667	345.8764116	194.4543648
194.4543648	1.303	348.9105226	194.4543648
194.4543648	1.391666667	343.0717919	194.4543648
194.4543648	0.786166667	3.174326542	184.5198549
152.1446198	0.995333333	21.43536428	150.009329
142.149371	0.732166667	31.5642518	141.3691178
139.4641408	1.1455	58.14895327	141.2020405
161.9968187	1.731	16.85283462	155.941867
194.4543648	2.442	344.7831165	194.4543648
138.1423563	1.615833333	317.1151879	194.4543648
194.4543648	1.639	336.408256	194.4543648
194.4543648	1.733166667	349.6964465	194.4543648
137.5446383	1.577333333	47.50519965	137.6315401
138.9996686	1.606333333	40.86749975	137.8584227
147.8685387	1.806833333	30.39574544	142.0908928
143.606594	1.915833333	34.68417286	139.7591211
149.2133813	1.5955	28.09944515	143.7065765
137.6443691	2.011666667	52.24583972	138.6068994
139.5638224	2.257457627	42.59363545	137.6213583

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32.1459219	141.034347	1.955666667	34.0643992	140.0430375	140.0829804
7.827347935	172.5612742	1.134666667	11.93080563	164.0787544	173.0924377
279.6096717	168.6649749	1.401333333	279.8459028	168.1738205	164.7824754
233.935483	139.1892192	1.643666667	236.7480129	140.4419019	139.7994149
268.0152446	188.0541911	2.023	269.1943062	191.7766493	187.9190192
272.218817	187.341705	2.842666667	273.3158926	184.1133175	186.3058444
285.0895272	158.6284135	2.311333333	286.7990618	156.0202754	157.9435038
260.5787834	169.0609249	1.270666667	266.6111333	183.9048934	172.3316756
294.0470951	147.23603	0.9495	293.2164501	148.0735771	147.2500605
312.8017052	137.6012665	1.882833333	313.4733934	137.5488214	137.6806825
293.6375551	147.6439074	2.215666667	290.6845322	150.8846533	147.7368228
250.3067602	152.0963657	1.829833333	250.0565525	151.7843978	153.6507866
295.6357594	145.744816	2.326833333	296.4840637	145.0061929	146.1977688
297.8780949	143.8765319	1.996440678	299.0494866	143.0058085	143.5179933
256.5384809	161.330243	1.384	262.0768476	172.342995	163.0866975
286.0170308	157.1852927	0.946166667	285.3538552	158.2102179	158.739884
316.600273	194.4543648	1.240166667	307.9837246	138.5374385	180.4751332
328.7848577	194.4543648	1.769333333	333.3058991	194.4543648	194.4543648
316.7150137	194.4543648	3.324166667	319.888863	194.4543648	180.2220547
316.637098	194.4543648	2.514833333	319.750611	194.4543648	180.2185974
294.7181499	146.5886756	1.317	298.212647	143.6206417	145.5443321
291.8911674	149.4953573	1.729	294.8837048	146.4329245	149.809158
260.3836678	168.6510483	1.138833333	265.1649867	179.9289991	171.4960727
350.8445015	194.4543648	1.1345	354.1517957	194.4543648	194.4543648
313.3683792	137.5557715	2.387166667	314.8644649	137.5003847	151.8329857
285.9341652	157.3114829	1.466333333	290.4003039	151.225479	156.8125168
307.2446781	138.7692715	1.59	307.8821812	138.5678803	138.5388221
240.8183296	142.9119559	0.880666667	244.3155742	145.7013735	143.1774089
8.760604181	170.47835	1.564833333	11.19749397	165.4712349	166.222347
18.00478503	154.3132917	1.648833333	20.69760142	150.8691078	152.3888275
36.42934913	139.0528239	1.341833333	38.86482432	138.2920653	138.542205
343.334531	194.4543648	0.788166667	341.931731	194.4543648	184.9213619
344.6536874	194.4543648	1.3445	349.203013	194.4543648	194.4543648
336.6550494	194.4543648	1.459833333	340.7177344	194.4543648	194.4543648
352.7679886	194.4543648	0.852	358.6931407	194.4543648	191.9707373
20.31104191	151.3336027	1.159166667	27.30492095	144.3285306	149.4540205
30.33322117	142.1313906	0.829333333	32.99838509	140.572674	141.5556384
56.05124149	140.0979563	1.300333333	55.18007158	139.6992658	140.1158508
13.46563375	161.3231333	2.0045	15.77074656	157.5619038	159.2059307
340.9099993	194.4543648	2.765666667	347.4163232	194.4543648	194.4543648
312.6057978	137.6201338	1.715	317.5101908	194.4543648	166.1678049
335.2346365	194.4543648	1.8555	342.7626989	194.4543648	194.4543648
345.1263267	194.4543648	2.0225	350.460955	194.4543648	194.4543648
44.58851595	137.503546	1.821666667	47.73448656	137.6567442	137.5841171
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23.75738104	147.523554	2.118166667	26.30481694	145.1589906	145.660494
28.61498354	143.3205668	2.19	31.87311387	141.1893477	141.9689074
24.61497781	146.6865255	1.873728814	28.93315123	143.089141	145.6739061
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9/17/2019	1601	1.83	29.45735004
9/17/2019	1602	1.45	30.62727725
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194.4543648	1.864	7.261117226	173.8727218
155.0705139	1.6675	24.58308918	146.7168919
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45.04077558	137.5000348	2.6345	46.17876903	137.5291046	137.5930033
53.65482819	139.0837701	3.2085	55.28835039	139.746939	139.6813377
49.07947443	137.8492643	3.3605	51.30394267	138.336465	138.2468107
41.12464269	137.8151226	3.4045	42.85174781	137.5967058	137.725603
38.43339393	138.4080139	3.645833333	42.04323178	137.6832923	138.0939525
52.39476358	138.6531884	2.963166667	55.62479348	139.8984674	139.190477
48.54103999	137.7630152	2.28	50.07099762	138.0402987	138.0535774
53.49941359	139.0268799	2.247666667	56.20532615	140.1720871	139.6262949
24.50141399	146.7949331	2.545833333	30.0354252	142.3269228	144.8970471
31.63113017	141.3298047	2.561666667	35.43787579	139.4373332	140.9046655
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357.8857589	194.4543648	2.032666667	3.604101305	183.2946202	189.9055987
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28.87170339	143.1334343	2.444	33.03032207	140.5560404	142.4287579
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34.14551891	140.004879	2.256333333	36.54901224	139.0093719	140.0837289
33.16561574	140.4861037	2.336166667	34.92661126	139.6528147	140.5144138
34.02351442	140.062384	1.867166667	35.87148819	139.2637784	140.232097
38.05627899	138.515962	1.985333333	40.82457187	137.8659245	138.7748826
49.52230713	137.9294141	2.049	52.03257149	138.5422937	138.1898815
57.19416117	140.673967	1.879833333	59.22544554	141.849633	141.026032
62.15056696	143.8987253	1.5845	66.96268519	148.2595472	144.2669871
83.12180952	174.7807093	1.819333333	83.7442413	176.2939422	177.9974794
64.49763466	145.8645639	1.631166667	67.46365305	148.7898605	146.4053841
78.6237176	165.1270634	1.458	79.57804804	166.9998834	166.6420826
85.48620286	180.7872857	1.652542373	87.99214873	187.9835066	184.9359599
73.51919173	156.4887815	1.7565	75.6165988	159.7732693	159.1879927
65.59492111	146.8874725	2.114833333	65.38498911	146.6864941	148.6307189
26.70519049	144.8200879	2.518333333	29.95495129	142.3805148	142.9134725
3.286098554	184.1986351	2.137166667	9.443562476	169.0137828	178.8262781
13.11717385	161.9304381	2.319666667	17.23941196	155.384512	158.9998071
11.6419753	164.6211885	2.2405	16.44369834	156.5439096	162.1141982
1.656163295	189.0689729	2.240166667	6.995583607	174.5005139	182.9741433
18.96427579	153.0293334	1.8965	20.57653223	151.0135401	151.4575698
32.08607216	141.0680488	2.168833333	35.6791071	139.3397413	140.7787743
33.54976555	140.2921647	2.0035	36.32947406	139.0895758	139.856962
49.83086208	137.9901906	1.973666667	50.77969887	138.2025592	138.2718059
52.26212775	138.611915	1.899833333	54.93391165	139.5928608	139.025276
52.08756053	138.5587622	2.031666667	54.99989592	139.6211144	139.0973966
53.69981619	139.1004379	1.752833333	56.91107005	140.5256398	139.4675628
56.25029481	140.1939277	1.691666667	59.59997597	142.0881285	140.9088209
52.61181715	138.7223882	1.743333333	56.88293137	140.5111008	139.2966592
50.43429775	138.1207905	1.352333333	55.43116368	139.8106308	138.8915281
75.06910814	158.8820818	1.492833333	78.31556363	164.5409579	159.8954719
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9/17/2019	1631	1.702333333	70.6343717
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9/17/2019	1633	1.2495	97.832517
9/17/2019	1634	1.840333333	66.51266614
9/17/2019	1635	1.385333333	59.24383401
9/17/2019	1636	1.356833333	74.72899713
9/17/2019	1637	1.379166667	81.72552578
9/17/2019	1638	1.291	72.26682937
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9/17/2019	1640	1.399333333	72.52539684
9/17/2019	1641	1.082166667	56.66378353
9/17/2019	1642	1.17	62.23075853
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98.88263264	170.2130291	1.878	100.396113	167.0518288	166.6451381
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94.56323379	180.6542886	1.506271186	95.8587456	177.2839091	175.8776931
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68.93180616	150.4328783	1.2295	73.20233387	156.0223133	152.0446049
76.48745073	161.2421703	1.166	80.0967665	168.055484	162.8755921
71.54239136	153.6992923	1.366166667	75.52815579	159.6276399	156.0661241
65.27522315	146.5824111	1.392	69.66479243	151.3042791	148.5748995
55.9310706	140.0408986	1.449666667	59.74448005	142.181987	140.392324
57.87635191	141.0468697	1.736666667	62.42403786	144.1126394	141.6607236
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68.16042928	149.5528872	1.5675	71.04840674	153.0458862	151.9442779
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64.7987558	146.1385221	1.6235	65.61903463	146.9107193	147.8066277
72.08727425	154.4399008	1.544333333	75.22985558	159.1412029	156.3567379
67.30687121	148.6222653	1.666	71.19109905	153.2328885	150.8114748
65.13347225	146.4490121	1.517333333	67.01532056	148.3145555	148.8470506
61.03965957	143.0696035	1.544833333	64.5926507	145.9504627	143.7820842
51.50735286	138.3916129	1.616271186	55.93044646	140.040604	138.7638451
49.06696258	137.8471206	1.613333333	52.85175525	138.8012836	138.1732845
41.62416848	137.7390108	2.179166667	43.93468214	137.5237711	137.741612
41.06574219	137.8247933	2.3095	42.78271351	137.6030249	137.6423318
24.02920807	147.2536404	2.328166667	29.51878671	142.6765882	147.1795018
38.76936563	138.3170279	2.425166667	39.17149345	138.2145267	138.3035724
35.84716257	139.2732922	2.215833333	37.21936956	138.7776335	139.3726762
30.1493556	142.2515989	2.295166667	32.93589452	140.6053585	142.4179044
34.38001559	139.8962652	2.378833333	36.04740024	139.1957636	139.7986501
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25.08347014	146.2470526	1.894166667	28.04228078	143.7502241	146.2423456
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16.96052728	155.7854847	2.013	20.10026444	151.5909959	156.4259093
17.48730207	155.0329074	2.004	21.96574646	149.4124945	155.4584144
24.10321736	147.1808963	1.964833333	26.28729971	145.1740166	147.5565869
16.22803317	156.866363	1.940833333	20.40302785	151.2221876	157.2540457

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9/17/2019	1813	1.354666667	3.105078141
9/17/2019	1814	1.4755	7.408563427
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9/17/2019	1824	1.7445	13.53879724
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9/17/2019	1837	1.126166667	52.14797487
9/17/2019	1838	1.166440678	43.87673528
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163.4807341	1.628333333	19.70209707	152.0852507
154.6094782	1.5975	23.73613465	147.5448325
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137.5806996	1.159333333	49.55326024	137.935328
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138.0356642	1.113666667	53.68101436	139.093461
138.0693859	1.054	55.16672261	139.6934253
138.7206139	1.094833333	55.11236153	139.6697242
140.0745621	1.109666667	59.42359091	141.9749535
142.6474388	1.053833333	65.86984912	147.154502
145.8553327	1.004166667	67.67502566	149.0181795
141.9570431	1.037	63.54800095	145.0333984
140.1140687	1.016166667	62.44087792	144.1259402
141.1134285	0.919833333	63.49218147	144.9860739
139.4230147	0.9125	58.98791723	141.7019266
138.5699821	0.9045	56.58486325	140.3593534
138.6296806	0.863833333	55.47493507	139.8303376
139.1382525	0.882333333	60.18079283	142.4716429
140.3481329	0.916666667	63.16809438	144.7146276
143.477226	0.7355	68.09585455	149.4809129
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142.2996021	0.783220339	67.40801956	148.7302192

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13.89136025	160.5953477	1.849166667	17.51383975	154.9955327	160.9148492
17.09449578	155.5921505	1.836833333	20.34889781	151.2876839	157.0610522
19.27446262	152.6279234	1.857	22.2757342	149.0717597	153.7745027
20.24343897	151.4158383	1.783333333	23.54848623	147.7339147	151.6266238
17.82698007	154.558373	1.929666667	22.13924626	149.2210558	154.8363534
23.69972326	147.5813605	1.879833333	25.91367473	145.4984912	148.8085406
18.01069515	154.3051843	1.915333333	22.17141602	149.185764	155.7208643
21.06462616	150.4370359	1.904	23.70053254	147.5805478	151.4907866
24.04091892	147.2421086	1.69	27.23709551	144.3831623	148.1095303
17.3532353	155.2225076	2.086666667	21.84922025	149.5421154	154.3111583
17.64120587	154.8168671	2.643898305	22.74085759	148.5715403	154.1897608
26.14897715	145.2932538	2.598166667	29.39749641	142.7606122	145.5080362
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37.85858605	138.5750181	2.3315	39.21876348	138.2029347	138.6621457
42.95880924	137.587302	2.155666667	45.23274535	137.5011345	137.5768568
47.37776832	137.6184891	2.261333333	48.43218015	137.7470685	137.7470064
45.07655682	137.5001227	2.102666667	46.59281936	137.5531496	137.5629213
44.52653919	137.5046947	1.786833333	46.11540435	137.5260592	137.5455048
43.39990584	137.5536364	1.678333333	45.66136145	137.5091607	137.6043363
46.99710929	137.5835701	1.5745	47.8776673	137.6736062	137.6910226
50.09525366	138.045497	1.454333333	49.62564738	137.9493176	138.3687698
46.02472934	137.521994	1.5655	47.1628952	137.5980294	137.5842135
48.55594726	137.7652379	1.489166667	47.61724373	137.6435799	137.8594843
45.91399653	137.517497	1.612833333	47.31847223	137.6126491	137.6393737
44.76065336	137.5011997	1.634666667	46.0084933	137.5213024	137.5679227
47.01847082	137.5853684	1.416166667	45.6526364	137.5089206	137.6525791
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51.88107107	138.4976013	1.409333333	50.75188417	138.195785	138.8531013
53.32768167	138.9652594	1.527333333	52.30103177	138.6239415	139.0467579
51.95075763	138.5180349	1.3355	51.18543075	138.3051581	138.4880795
52.63240413	138.7290586	1.316666667	51.82043416	138.4799929	138.7429657
53.72943991	139.1114623	1.243	52.93743963	138.8300699	139.0829676
56.1977807	140.1684316	1.315166667	54.26551203	139.3177043	140.3839129
61.66022233	143.524923	1.238	58.85318742	141.6193629	143.7365567
64.61279552	145.9687391	1.219666667	61.39507149	143.3279648	146.042554
61.89736921	143.7041492	1.213833333	60.14960754	142.4506265	143.2863043
59.91745006	142.2956889	1.195666667	56.90980493	140.5249853	141.7651708
60.01745613	142.3621032	1.198666667	56.13859019	140.1398461	142.1503629
56.53023757	140.3319904	1.101666667	54.21731881	139.298639	140.1888927
55.38820167	139.7913732	1.0855	53.63186799	139.0752981	139.4490017
54.09481922	139.2506447	1.031666667	51.52184688	138.3956107	139.0265684
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9/17/2019	1905	0.7815	57.91931907
9/17/2019	1906	0.770666667	55.01365925
9/17/2019	1907	0.704	55.54310942
9/17/2019	1908	0.731333333	54.45805839
9/17/2019	1909	0.918666667	55.38755018
9/17/2019	1910	0.833833333	57.6102007
9/17/2019	1911	0.862333333	58.50047401
9/17/2019	1912	0.844666667	58.69410465
9/17/2019	1913	0.760847458	55.49606794
9/17/2019	1914	0.797166667	53.94780572
9/17/2019	1915	0.917	50.08817419
9/17/2019	1916	0.721333333	44.94879133
9/17/2019	1917	0.808333333	41.47956768
9/17/2019	1918	0.767666667	39.66250158
9/17/2019	1919	0.769166667	40.77256249
9/17/2019	1920	0.772	38.2830913
9/17/2019	1921	0.842333333	38.83796482
9/17/2019	1922	0.844166667	41.26802763
9/17/2019	1923	0.92	37.8761313
9/17/2019	1924	1.1345	40.83216427
9/17/2019	1925	1.0955	42.80569783
9/17/2019	1926	1.071833333	47.87030746
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9/17/2019	1931	0.829	57.5004237
9/17/2019	1932	0.768166667	57.63791917
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9/17/2019	1948	0.671	45.34743062
9/17/2019	1949	0.727	38.19892866
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140.9140403	0.852166667	61.48932174	143.3975616
138.0442021	0.9415	53.9121005	139.1803001
137.9085487	0.846	52.44383864	138.6686541
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137.6295328	0.776949153	45.22902324	137.5010985
138.710555	0.847333333	41.72795199	137.7245212
138.0880778	0.859166667	44.77161588	137.5010924
137.5849207	0.8615	46.97983585	137.58213
137.5824857	0.831	50.22407019	138.0735249
138.6703106	0.877333333	55.79293745	139.97613
139.2037377	0.8445	58.14076463	141.1973278
139.1575729	0.8625	55.75401163	139.958036
139.2626821	0.782666667	56.42846295	140.2813781
138.3318901	0.8405	56.0690971	140.1064908
137.6661375	0.876	51.08184466	138.2782902
137.5066147	0.840833333	48.09657068	137.7010566
137.502528	0.749833333	48.4622415	137.7514221
138.4744037	0.829333333	43.67614602	137.5367117
140.243342	0.901166667	38.32461263	138.4385195
141.9828097	0.831833333	36.44521827	139.047025
139.8337596	0.879333333	39.30631121	138.1817189
140.1831217	0.889166667	40.07261801	138.0100352

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58.83139751	141.6060924	1.053333333	54.92763548	139.5901836	140.9158347
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62.43397996	144.1204902	1.059666667	57.20792933	140.6812765	143.2571906
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42.3226314	137.6502585	1.479833333	42.80722638	137.6007581	137.6601351
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9/17/2019	2016	0.489666667	61.76494866
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9/17/2019	2018	0.5385	52.173591
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9/17/2019	2026	0.473166667	48.60756693
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47.36347562	137.6170679	1.212333333	48.5443181	137.7635031	137.6483925
46.56230302	137.551132	1.113333333	49.63385137	137.9509172	137.6814253
48.93339686	137.8246509	1.0965	49.93478282	138.0115733	137.8816329
47.78157179	137.662194	1.138	48.73465895	137.7926165	137.6744749
49.26397244	137.881645	1.082	52.02267589	138.5393441	138.1307459
51.29514487	138.3341201	0.989333333	53.22212372	138.9280296	138.6550521
49.56442988	137.9374721	0.9015	51.64041737	138.428657	138.1015951
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49.13487796	137.8588362	0.943	53.40683384	138.9934987	138.1944325
47.2477013	137.6058725	0.978166667	51.43270351	138.3711665	137.8804039
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46.76408936	137.5651989	0.890666667	51.99066655	138.529832	137.922459
50.25704927	138.0808145	0.958166667	53.70290464	139.1015854	138.5393011
49.26128879	137.8811636	0.939166667	52.93957158	138.8307903	138.3467278
49.41767548	137.9097246	0.914333333	52.73955228	138.7640754	138.3458723
47.63248945	137.6452589	0.856333333	51.77207877	138.4660652	137.9496139
47.32340127	137.6131289	0.820333333	51.64905062	138.4310869	137.8857047
44.27061082	137.5111423	0.800666667	48.60069782	137.7719669	137.6488776
43.99082894	137.5213311	0.774333333	47.83567567	137.6685714	137.6222541
41.25323769	137.7945196	0.749166667	45.04754673	137.5000473	137.6812483
43.07381599	137.577737	0.812	44.51898361	137.5048457	137.6194108
42.65149908	137.6155881	0.9555	44.32857588	137.5094416	137.6596621
44.28542935	137.5106941	0.896166667	47.51710005	137.6327938	137.6007111
47.11238563	137.5935018	0.792166667	48.49195489	137.7557628	137.7451336
47.19544241	137.6010037	0.844333333	49.55927658	137.9364822	137.7832977
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58.37566486	141.3337892	0.864166667	61.44951347	143.3681106	142.461442
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63.12399838	144.67813	0.848474576	63.88654413	145.3240423	145.9130686
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9/17/2019	2046	0.537166667	49.4405247
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9/17/2019	2052	0.479333333	38.45224671
9/17/2019	2053	0.461666667	31.05359597
9/17/2019	2054	0.483333333	27.31626013
9/17/2019	2055	0.4385	20.80337899
9/17/2019	2056	0.352542373	29.60272467
9/17/2019	2057	0.370333333	38.80101137
9/17/2019	2058	0.422666667	47.38213188
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9/17/2019	2110	0.484333333	50.94914276
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9/17/2019	2112	0.439166667	46.14087904
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46.86560766	137.5729222	0.771333333	51.27270313	138.3281537	138.043427
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38.26336973	138.4559195	0.900338983	44.61148789	137.5031611	137.8121067
42.78188862	137.6031016	0.9305	48.59595231	137.7712493	137.9425472
46.46187319	137.5447677	0.900166667	51.09620306	138.2819869	138.5587278
57.98640467	141.1090887	0.828666667	59.67202841	142.1347996	143.8446187
66.75800915	148.0472176	0.772	65.892917	147.1771055	152.4371744
59.89789975	142.2827633	0.892333333	63.13675952	144.6886815	145.7841134
51.85564846	138.4901994	1.005166667	55.84856825	140.0021094	140.2571257
47.99937677	137.6886191	1.0675	52.55162102	138.7029904	138.8122997
45.39048608	137.5031934	1.183	50.17998154	138.0638523	138.1405164
42.10400684	137.6758268	1.221666667	48.32609153	137.7320097	137.8239479
45.00830091	137.5000014	1.1525	50.36434804	138.1048537	138.1215048
45.78987459	137.5130671	1.175	50.8768294	138.2264761	138.3865231
44.36188034	137.5085281	1.142166667	50.16008569	138.0595145	137.9390807
47.12248117	137.5943982	1.152666667	52.09573521	138.5612216	138.7341271
48.32941502	137.7324742	1.0295	52.5749429	138.7104869	138.7856981
46.06801465	137.5238916	1.093666667	53.09508245	138.883874	138.8467607
51.96357711	138.5218168	1.108333333	56.13601917	140.1386081	140.9931264
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62.70215789	144.334221	1.056833333	66.06564619	147.347338	148.475306
61.53107375	143.4285381	1.137166667	63.3749121	144.8871995	146.4765223
56.35114279	140.2432471	1.0945	60.40985041	142.6274963	143.3438641
54.68184332	139.4867357	1.096833333	58.93682425	141.6705128	141.7931083
53.35845298	138.9762049	1.071333333	57.0791806	140.6132705	141.5733398
52.4637646	138.6749637	1.0495	55.45886796	139.8230937	140.3163751
53.23835141	138.9337211	0.993833333	57.36406431	140.7647905	141.4386546
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51.30395804	138.3364691	0.885166667	55.61046453	139.8919088	140.6053649
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56.38995922	140.2623552	1.065833333	61.23072568	143.2076953	143.9597162
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56.15708493	140.1487606	1.000338983	59.83284999	142.2398923	143.2939286

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9/17/2019	2228	0.7685	56.24973344
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9/17/2019	2230	0.764166667	62.27796544
9/17/2019	2231	0.754	65.38208489
9/17/2019	2232	0.817333333	72.89671773
9/17/2019	2233	0.907833333	71.83995637
9/17/2019	2234	0.833333333	73.85325766
9/17/2019	2235	0.759166667	71.45501265
9/17/2019	2236	0.750666667	69.39363701
9/17/2019	2237	0.7055	67.3849521
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9/17/2019	2247	0.813166667	67.1917887
9/17/2019	2248	0.905166667	66.75881115
9/17/2019	2249	0.893833333	61.06944504
9/17/2019	2250	0.902666667	52.21726078
9/17/2019	2251	0.880833333	49.8142925
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9/17/2019	2300	0.7545	57.84784289
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143.3393847	0.913166667	67.02154053	148.3210668
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138.8594539	0.894576271	59.98559642	142.3408913
137.9459884	0.893833333	57.83170805	141.021794
137.5210163	1.011333333	54.05282826	139.234347
137.5965167	1.003166667	51.84192003	138.4862139
137.5003665	1.02	53.84154305	139.153534
137.7252333	1.088166667	55.20709428	139.7111136
137.5247488	1.047166667	55.54560944	139.8623406
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139.8879168	0.894	62.42986733	144.117242
138.1289297	1.0575	59.74459882	142.1820646
140.0542119	1.1205	62.66168868	144.3017249
140.3496984	1.193333333	63.40898604	144.9158521
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67.39388915	148.7151008	1.191166667	68.33055665	149.7437529	153.6207141
67.41477331	148.7374495	1.179	69.93930573	151.639644	153.7874384
68.54088293	149.982223	1.061666667	70.89261802	152.8433223	155.6027148
68.07801359	149.4610733	1.013833333	71.92702852	154.2199052	154.3987317
63.8855259	145.3231588	1.092333333	66.903734	148.1981353	149.9700406
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72.93536451	155.6351276	0.931666667	73.43738674	156.3676257	161.1890671
67.88781943	149.2507975	0.9835	70.99404863	152.9750177	154.5997709
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62.92932128	144.518241	1.125333333	66.66730101	147.9539152	148.7809167
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46.06798578	137.5238903	1.222833333	48.28984862	137.7269741	138.5670937
50.79173308	138.2055005	1.065833333	53.89375945	139.1733211	140.6857045
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56.53682456	140.3352826	1.14	58.88043871	141.6359918	143.4079315
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46.63627648	137.5560904	1.252333333	50.08588559	138.0434864	138.2466665
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137.5075196	1.0705	53.96038588	139.1987449
137.5377348	1.086	50.50334339	138.1367269
137.5772157	1.198	50.90636302	138.2338288
138.0173983	1.084333333	48.27608479	137.7250763
137.6882938	0.973166667	49.13597116	137.8590264
137.9380608	0.965833333	48.00883126	137.6898114
137.9530066	0.952666667	47.89510474	137.6757188
138.3140898	0.958666667	46.69024608	137.5598528
137.8499074	0.905333333	48.33179466	137.7328071
137.5195471	0.778166667	51.46571721	138.3801792
137.5250366	0.738	54.24640747	139.3101341
137.5329493	0.815666667	53.59239184	139.0607865
138.9566118	0.793	45.22897837	137.501098
141.1217386	0.779333333	40.46164043	137.932476
151.1898077	0.796166667	32.9870544	140.5785868
156.2661811	0.912166667	30.1460928	142.2537472
148.785818	0.8755	34.30473282	139.9308607
144.9978518	0.8525	36.59989256	138.9910882
142.2417046	0.9095	38.94358468	138.2717651
140.0063116	0.8345	42.84896613	137.5969565
137.6759548	0.926166667	48.84550581	137.8102775
137.7000469	0.885	54.03541635	139.2276121
138.0562325	0.922166667	55.82935058	139.9931188
137.6155178	1.002333333	54.56258582	139.4375224
137.5164786	1.001666667	51.12003892	138.2881431

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35.04654422	139.6012088	1.5245	38.99878472	138.2576967	138.6611669
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41.72199005	137.7253412	1.369333333	44.89843008	137.5002161	137.742008
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39.80664607	138.0667772	1.244166667	44.25465829	137.5116351	137.8630887
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9/18/2019	0010	0.798166667	36.19233472
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9/18/2019	0030	0.582166667	38.90758325
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9/18/2019	0033	0.4515	43.927409
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9/18/2019	0041	0.720166667	11.38513209
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32.35384066	140.918586	1.177	36.64317974	138.9756231	140.9912877
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36.98776589	138.8554613	1.168833333	40.13021897	137.9981446	138.6716829
35.57882329	139.3799952	1.2235	38.65077426	138.3485873	138.9262038
41.47053647	137.7612956	1.192166667	44.25712876	137.5115581	137.7739319
46.69176013	137.5599602	1.053	46.22151371	137.5312541	137.8456446
48.78646154	137.8008053	1.087666667	47.90325223	137.6767103	138.1095151
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57.18845338	140.6709393	1.007333333	54.75190218	139.5159445	140.4265818
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42.81660138	137.5998979	1.1095	45.12186565	137.500311	137.8475325
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32.98591863	140.5791798	1.287833333	38.25794228	138.4574694	140.8935789
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29.32770109	142.809298	1.1545	34.82260292	139.698095	142.3127767
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43.31794048	137.5592743	0.964666667	45.41414457	137.503592	137.8130879
49.04143417	137.8427675	0.985666667	48.84316164	137.8098986	137.8704001
50.05449641	138.0367767	0.949166667	48.83880935	137.8091958	137.9574614
48.86154098	137.8128754	0.9915	47.71943886	137.6550222	137.7889429
40.85977556	137.8597668	1.066833333	43.22595313	137.5659373	138.1050825
33.29286036	140.4211053	1.088	37.1898447	138.787424	140.6083802
26.91785611	144.643584	1.189	33.42041856	140.3567016	144.4842479
19.98033005	151.738764	1.248833333	26.91073889	144.6494518	151.0803175
17.13372011	155.5357962	1.220166667	24.41708525	146.8759102	154.4724082
12.24983681	163.4885538	1.119	21.63181053	149.7862175	163.2026741
17.89572899	154.4633428	1.049	24.32603359	146.9638011	154.2120547
24.8622373	146.4530331	1.0265	30.37707427	142.1029662	146.1481802
30.51529805	142.0139917	0.971	34.00383447	140.0717237	142.4439209
29.16140021	142.9262907	0.973389831	31.02429058	141.6944093	142.7656476
26.23026858	145.2230525	0.922666667	30.5357123	142.0009306	145.0657356
20.98917624	150.5251514	1.002333333	26.74508414	144.786793	150.269628
17.3002216	155.2978436	1.070666667	24.09402663	147.1899127	154.3875163
16.865076	155.9240475	1.0815	23.11206583	148.1817112	154.4375126
19.7329682	152.0465516	1.0385	23.78259772	147.4983334	150.9626259
12.89163699	162.3291629	0.874	14.88016432	158.9636271	161.926328
347.5637287	194.4543648	0.735166667	349.3464068	194.4543648	194.4543648
339.7229306	194.4543648	0.856333333	344.7795212	194.4543648	194.4543648
341.4776535	194.4543648	0.678666667	345.4460554	194.4543648	194.4543648
337.5150119	194.4543648	0.6995	342.8374343	194.4543648	194.4543648
343.2066547	194.4543648	0.6915	350.5840076	194.4543648	194.4543648
2.790402899	185.6371969	0.627833333	6.008144452	176.9090783	182.2455587
29.74024437	142.5250744	0.545333333	26.50624967	144.9874017	142.4119725
64.00751813	145.4294156	0.436666667	53.72004876	139.1079632	146.3814309
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9/18/2019	0101	0.3815	68.34209014
9/18/2019	0102	0.373833333	54.11852134
9/18/2019	0103	0.374333333	47.24269479
9/18/2019	0104	0.309666667	42.90133985
9/18/2019	0105	0.302	43.49977426
9/18/2019	0106	0.270666667	32.90285376
9/18/2019	0107	0.2965	20.97953453
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9/18/2019	0109	0.320666667	356.9339701
9/18/2019	0110	0.254333333	354.8301212
9/18/2019	0111	0.295833333	347.8378173
9/18/2019	0112	0.299833333	356.1543879
9/18/2019	0113	0.335	3.630667976
9/18/2019	0114	0.294166667	20.90116121
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9/18/2019	0118	0.167666667	46.61711862
9/18/2019	0119	0.1265	47.51745926
9/18/2019	0120	0.094833333	62.34699394
9/18/2019	0121	0.066833333	82.41716956
9/18/2019	0122	0.0825	89.29324744
9/18/2019	0123	0.071833333	89.42450993
9/18/2019	0124	0.092333333	72.54154489
9/18/2019	0125	0.156166667	41.47230813
9/18/2019	0126	0.220666667	32.86611551
9/18/2019	0127	0.2975	14.67071938
9/18/2019	0128	0.315166667	10.52924866
9/18/2019	0129	0.353666667	2.82190783
9/18/2019	0130	0.36	3.874239286
9/18/2019	0131	0.405833333	3.551453958
9/18/2019	0132	0.448135593	6.992496427
9/18/2019	0133	0.376666667	12.86309814
9/18/2019	0134	0.372	17.69283149
9/18/2019	0135	0.367333333	26.67723791
9/18/2019	0136	0.332	35.66808209
9/18/2019	0137	0.312	41.00201014
9/18/2019	0138	0.309666667	46.99416592
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9/18/2019	0150	0.2145	346.9803517

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192.5302969	0.0855	77.86800623	163.7054747
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141.0495056	0.292833333	62.44780471	144.1314155
137.543619	0.313833333	52.20701139	138.5949896
138.3930452	0.3575	44.12947406	137.515872
147.6762828	0.3965	33.51379968	140.310032
167.952194	0.436666667	23.18754897	148.1034514
183.4629571	0.402333333	16.02248599	157.177004
194.4543648	0.379666667	9.121489068	169.6983
194.4543648	0.2745	1.608602402	189.2172787

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47.49599684	137.6305747	0.853	46.64761228	137.5568705	137.7636923
43.83925903	137.528221	0.843333333	45.59304538	137.5073658	137.558683
43.03804839	137.5806522	0.799166667	44.52100632	137.5048051	137.5611766
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41.32592323	137.7831839	0.442333333	33.95929969	140.0929248	138.247509
40.17249715	137.989507	0.406610169	34.28793093	139.9386172	138.2662848
42.59505164	137.6212154	0.348333333	35.90808962	139.2495132	140.0312622
46.61463336	137.5546159	0.3025	37.46487711	138.6977016	148.5889816
59.7880384	142.2104809	0.255	41.85984905	137.7067628	157.3763418
56.72827159	140.4318477	0.225	40.82405555	137.8660152	158.6334086
51.8627577	138.4922664	0.259833333	39.01166928	138.2544318	144.5488438
41.53695734	137.7515386	0.345166667	36.55537096	139.0070807	138.0124358
37.23523429	138.7723885	0.439333333	34.91505034	139.6578236	139.2401434
25.42968761	145.9302227	0.557	27.24056248	144.3803638	149.0141642
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18.73588296	153.3291256	0.672166667	23.94482754	147.3369663	161.2904174
17.24013536	155.3834794	0.755166667	22.88529414	148.4188743	161.3401912
13.72452951	160.8787055	0.828666667	20.55320416	151.0414792	164.9353081
17.51327823	154.996323	0.855666667	23.41829561	147.8663179	158.5788575
20.25126539	151.4063025	0.79	24.99681436	146.3274051	152.6862386
23.92141536	147.3601593	0.8145	29.87452442	142.4343966	147.9984809
29.94161462	142.3894274	0.8035	34.6723354	139.7643799	142.1841285
34.49213718	139.8452198	0.788166667	38.70224338	138.3348159	138.9138482
37.8229824	138.5858346	0.8055	42.39936502	137.6417618	137.8907652
43.06625075	137.5783491	0.798166667	48.53832783	137.7626118	137.7411851
51.8958536	138.5019182	0.719	53.62431724	139.072517	139.7109742
59.26508035	141.8745473	0.673666667	57.41681978	140.7932674	145.006512
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61.9438621	143.739628	0.519833333	58.08202695	141.1636169	148.9206871
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49.83418098	137.9908663	0.677666667	50.59484439	138.1581611	138.071909
40.47911162	137.929144	0.757	45.94403593	137.5186661	137.8391818
31.46533506	141.4276576	0.762166667	37.322371	138.7437771	142.0394374
24.47893142	146.8164823	0.796833333	33.76785727	140.1851003	150.764307
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3.521021089	183.5293972	0.540833333	16.87446973	155.9103809	180.7778554

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9/18/2019	0157	0.2155	312.8823487
9/18/2019	0158	0.281666667	317.8579659
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9/18/2019	0224	0.189333333	319.8175143
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9/18/2019	0227	0.436833333	335.9286711
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337.998474	194.4543648	0.602833333	354.439702	194.4543648	194.4543648
344.688554	194.4543648	0.766333333	358.6477787	194.4543648	194.4543648
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336.0648024	194.4543648	0.827166667	350.0499506	194.4543648	194.4543648
323.6874124	194.4543648	0.675166667	330.8804383	194.4543648	180.2221119
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312.6377698	137.6169444	0.684833333	319.9789727	194.4543648	166.3441045
309.8945381	138.0476922	0.6895	316.517626	194.4543648	152.2040864
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278.701842	170.6066855	0.7835	280.4546039	166.9343364	173.8831901
270.4873947	192.821101	0.633666667	274.8205563	179.9673315	180.8554998
264.0234588	176.988136	0.639833333	270.3129879	193.4007712	176.183842
256.0640435	160.5200014	0.667166667	265.4687005	180.740162	163.7896819
261.1588239	170.302987	0.736666667	268.7281723	190.2778792	174.0625914
272.3282539	187.0114949	0.720166667	274.8062231	180.0053629	183.0778558
293.4483027	147.8357121	0.752	289.4681159	152.3806446	148.3606616
304.1189068	140.0173641	0.663166667	301.6869272	141.2971695	139.7768102
317.3767596	194.4543648	0.555666667	315.5652668	194.4543648	194.4543648
323.9004822	194.4543648	0.523666667	320.764695	194.4543648	194.4543648
329.7828043	194.4543648	0.445833333	321.9817853	194.4543648	194.4543648
320.3093695	194.4543648	0.467833333	315.4883854	194.4543648	194.4543648
320.9899147	194.4543648	0.417666667	316.3732784	194.4543648	194.4543648
320.4871788	194.4543648	0.369	320.7267904	194.4543648	194.4543648
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328.8890453	194.4543648	0.608833333	328.8459543	194.4543648	194.4543648
331.6455083	194.4543648	0.757666667	334.4258013	194.4543648	194.4543648
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347.5513309	194.4543648	0.937166667	351.2714274	194.4543648	194.4543648
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342.6720927	194.4543648	0.992166667	344.4863611	194.4543648	194.4543648
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9/18/2019	0243	0.6785	339.8383409
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9/18/2019	0249	0.8815	334.8482608
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9/18/2019	0316	0.838983051	347.717155
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341.4746006	194.4543648	1.3285	344.1237417	194.4543648	194.4543648
341.7807638	194.4543648	1.356666667	344.1586144	194.4543648	194.4543648
340.1907086	194.4543648	1.193	342.7724034	194.4543648	194.4543648
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343.1349114	194.4543648	0.835166667	342.8552899	194.4543648	194.4543648
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357.9622899	194.4543648	1.024666667	3.258163709	184.278746	191.9104601
352.9340691	194.4543648	1.292666667	357.0569469	194.4543648	194.4543648
350.5900022	194.4543648	1.171	353.0141647	194.4543648	194.4543648
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337.8367855	194.4543648	0.929666667	339.1307773	194.4543648	194.4543648
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334.0155269	194.4543648	0.947666667	335.6214048	194.4543648	194.4543648
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194.4543648	0.432881356	331.1843174	194.4543648
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194.4543648	0.427333333	334.3013606	194.4543648
194.4543648	0.403333333	332.6103571	194.4543648
194.4543648	0.326666667	332.4885329	194.4543648
194.4543648	0.25	328.0359302	194.4543648
194.4543648	0.238333333	330.8146296	194.4543648
194.4543648	0.287833333	334.4509847	194.4543648
194.4543648	0.345	334.4392908	194.4543648
194.4543648	0.381166667	340.4928708	194.4543648
194.4543648	0.396333333	340.3737417	194.4543648
194.4543648	0.4	335.6914295	194.4543648

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337.4971718	194.4543648	0.700169492	334.2110957	194.4543648	194.4543648
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338.7393416	194.4543648	1.0995	341.5927273	194.4543648	194.4543648
337.1363788	194.4543648	1.099833333	339.6248825	194.4543648	194.4543648
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327.0363224	194.4543648	0.854833333	324.6241584	194.4543648	194.4543648
327.2919619	194.4543648	0.834333333	324.7896203	194.4543648	194.4543648
329.7412407	194.4543648	0.938333333	329.0213875	194.4543648	194.4543648
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336.0817184	194.4543648	0.846833333	332.3227491	194.4543648	194.4543648
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343.6289872	194.4543648	0.414166667	333.3840853	194.4543648	194.4543648
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9/18/2019	0425	0.31	324.0535004
9/18/2019	0426	0.293	318.8178429
9/18/2019	0427	0.268166667	321.8948005
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9/18/2019	0430	0.272166667	331.5764255
9/18/2019	0431	0.316333333	339.0928722
9/18/2019	0432	0.293333333	338.3410441
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9/18/2019	0437	0.344666667	338.5884927
9/18/2019	0438	0.3705	336.442185
9/18/2019	0439	0.398833333	341.6398016
9/18/2019	0440	0.371833333	343.2238676
9/18/2019	0441	0.268166667	352.7564717
9/18/2019	0442	0.254333333	344.1621337
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9/18/2019	0446	0.019333333	351
9/18/2019	0447	0.054833333	227.8792384
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9/18/2019	0500	0.187666667	245.8112621
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192.4143549	0.112666667	292.4740612	148.8568567
142.5490719	0.128333333	254.9926464	158.7595614
147.0972327	0.17	263.8351995	176.5190246
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137.7131202	0.208166667	238.0993218	141.1735257
138.5296575	0.237833333	227.3124458	137.6120638
142.9729079	0.212	214.9003341	139.6642083
141.8992554	0.271166667	217.3018425	138.7504877
140.0309783	0.253666667	248.469632	149.9011266
153.396713	0.233333333	264.5966248	178.4437855
169.9852992	0.229166667	283.9143833	160.5564288
139.6230054	0.2325	317.2227055	194.4543648
194.4543648	0.239	337.9223748	194.4543648
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194.4543648	0.224333333	339.4739584	194.4543648
194.4543648	0.198	327.7148238	194.4543648
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340.111814	194.4543648	0.517166667	335.4812457	194.4543648	194.4543648
337.2678506	194.4543648	0.499833333	333.8440266	194.4543648	194.4543648
342.0605945	194.4543648	0.4575	334.9834878	194.4543648	194.4543648
350.1903226	194.4543648	0.393833333	340.6295369	194.4543648	194.4543648
355.2520635	194.4543648	0.409	346.1513971	194.4543648	194.4543648
351.0824286	194.4543648	0.431166667	343.5829224	194.4543648	194.4543648
354.4863926	194.4543648	0.4375	349.2805975	194.4543648	194.4543648
353.1273093	194.4543648	0.466833333	348.8054211	194.4543648	194.4543648
355.2379561	194.4543648	0.487	349.2218134	194.4543648	194.4543648
353.5859828	194.4543648	0.540666667	349.1269083	194.4543648	194.4543648
354.0933471	194.4543648	0.522166667	350.8200684	194.4543648	194.4543648
354.2346735	194.4543648	0.5485	352.1608569	194.4543648	194.4543648
355.2544757	194.4543648	0.5495	353.7813095	194.4543648	194.4543648
354.5891779	194.4543648	0.577666667	354.1317358	194.4543648	194.4543648
356.0908202	194.4543648	0.561	353.9994726	194.4543648	194.4543648
356.6000552	194.4543648	0.546666667	356.1129752	194.4543648	194.4543648
357.2844534	194.4543648	0.497333333	3.06001351	184.850267	191.4855393
359.3530062	194.4543648	0.385666667	6.633063088	175.3710736	189.683542
355.0679081	194.4543648	0.284666667	13.03370325	162.0774839	186.3601446
0.23987992	193.6453305	0.207166667	23.88587106	147.3954317	167.7545783
0.261709312	193.5722095	0.071016949	61.99847449	143.7814462	172.3128223
16.90696983	155.8631483	0.046833333	82.13020845	172.4644437	168.8927758
220.062239	138.0121929	0.025666667	244	145.4228437	145.4349296
222.185282	137.6660864	0.053	281.6009908	164.6987892	150.0946255
352.6540453	194.4543648	0.034666667	311.4623786	137.7625068	180.2814003
346.0299647	194.4543648	0.076666667	33.46575207	140.3339946	158.4399538
350.9144532	194.4543648	0.074166667	44.21697508	137.5128414	154.912675
346.3691682	194.4543648	0.0505	18.94019052	153.0607781	177.9378775
349.380468	194.4543648	0.1015	347.1627262	194.4543648	194.4543648
348.0922124	194.4543648	0.120666667	347.8861591	194.4543648	194.4543648
345.9622385	194.4543648	0.099	340.3364444	194.4543648	194.4543648
348.8003627	194.4543648	0.245666667	348.5834388	194.4543648	194.4543648
353.362238	194.4543648	0.282	344.9386194	194.4543648	194.4543648
314.5949563	137.5034359	0.181	316.3652694	194.4543648	168.3072531
255.3064245	159.2653689	0.151166667	298.0524243	143.7424667	151.0791172
275.9631817	177.0215931	0.222333333	294.7066357	146.5995657	161.809354
227.5847606	137.640035	0.189166667	270.5491994	192.6169433	152.3934378
232.2825205	138.6182108	0.216166667	268.215336	188.6700875	151.5437361
215.8775649	139.2614059	0.204166667	247.8247918	149.1816079	141.1461838
200.2073699	151.4598374	0.193333333	228.040979	137.693894	142.9477119
207.9458489	143.8242388	0.278666667	226.9301813	137.5780601	140.5130105
246.9051449	148.1996027	0.2965	269.0826685	191.4143967	157.3865261
265.4368113	180.6544098	0.2745	279.3550106	169.2009024	170.4239527
294.1899469	147.0960529	0.279333333	296.2175652	145.2339991	155.717945
325.4382554	194.4543648	0.325	323.3770421	194.4543648	180.746525
338.6290734	194.4543648	0.347333333	335.4260022	194.4543648	194.4543648
338.8959483	194.4543648	0.352666667	332.5831613	194.4543648	194.4543648
340.5303733	194.4543648	0.334666667	331.4500641	194.4543648	194.4543648
338.9502245	194.4543648	0.356	328.6842696	194.4543648	194.4543648
339.7866014	194.4543648	0.338	335.1755436	194.4543648	180.2229502

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9/18/2019	0516	0.1705	344.3532928
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9/18/2019	0518	0.2565	358.1390417
9/18/2019	0519	0.335333333	3.303016726
9/18/2019	0520	0.3855	13.44216299
9/18/2019	0521	0.4315	10.45383976
9/18/2019	0522	0.4755	359.1891095
9/18/2019	0523	0.503333333	358.2983374
9/18/2019	0524	0.437	355.0653645
9/18/2019	0525	0.356166667	348.5492125
9/18/2019	0526	0.342666667	333.7527127
9/18/2019	0527	0.366166667	330.5700096
9/18/2019	0528	0.368333333	326.628406
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9/18/2019	0530	0.3915	326.1967087
9/18/2019	0531	0.382833333	322.8522757
9/18/2019	0532	0.4585	316.8870615
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9/18/2019	0535	0.442166667	317.374871
9/18/2019	0536	0.465333333	314.3560929
9/18/2019	0537	0.367833333	320.8145448
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9/18/2019	0539	0.434666667	324.0370302
9/18/2019	0540	0.443666667	327.531876
9/18/2019	0541	0.491833333	328.0436755
9/18/2019	0542	0.433166667	319.1663101
9/18/2019	0543	0.4685	322.9708608
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9/18/2019	0545	0.438666667	336.5303387
9/18/2019	0546	0.521833333	330.0023633
9/18/2019	0547	0.5475	334.5468852
9/18/2019	0548	0.463166667	343.0567191
9/18/2019	0549	0.5145	336.2704024
9/18/2019	0550	0.4715	339.5572934
9/18/2019	0551	0.522166667	334.9989976
9/18/2019	0552	0.443166667	340.6166561
9/18/2019	0553	0.567	335.7563879
9/18/2019	0554	0.532833333	337.8640694
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9/18/2019	0600	0.633833333	335.7958565
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194.4543648	0.457	350.4625659	194.4543648
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194.4543648	0.681166667	352.9966401	194.4543648
194.4543648	0.581833333	350.7814961	194.4543648
194.4543648	0.641166667	347.1684322	194.4543648
194.4543648	0.569833333	353.1161925	194.4543648
194.4543648	0.546833333	351.2583183	194.4543648
194.4543648	0.610833333	357.9085839	194.4543648
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194.4543648	0.645166667	1.097415608	190.8344413

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348.7769864	194.4543648	0.367666667	344.1011224	194.4543648	194.4543648
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355.2501615	194.4543648	0.506	350.5976705	194.4543648	192.3864634
356.3113104	194.4543648	0.602881356	357.1315072	194.4543648	185.6612305
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357.5773714	194.4543648	0.830833333	4.830707234	179.9404136	184.8138635
357.4976296	194.4543648	0.761833333	8.777378365	170.4417838	183.2344281
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356.3003596	194.4543648	0.610333333	5.945458028	177.0660142	190.1072772
352.7673164	194.4543648	0.548166667	0.240132385	193.6444844	194.2518947
347.4673015	194.4543648	0.526833333	354.4406211	194.4543648	194.4543648
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336.8243428	194.4543648	0.539833333	342.8765222	194.4543648	194.4543648
333.2125206	194.4543648	0.546666667	337.3812766	194.4543648	194.4543648
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344.2455166	194.4543648	0.483	344.6376593	194.4543648	194.4543648
332.2262335	194.4543648	0.593	330.9592389	194.4543648	194.4543648
330.4471772	194.4543648	0.572666667	326.6631562	194.4543648	180.2179445
338.5780168	194.4543648	0.535	336.3440386	194.4543648	194.4543648
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340.2397582	194.4543648	0.5615	340.114034	194.4543648	194.4543648
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343.2004875	194.4543648	0.600666667	342.1225902	194.4543648	194.4543648
336.8591925	194.4543648	0.537666667	336.4957244	194.4543648	194.4543648
340.4607703	194.4543648	0.6245	341.1263672	194.4543648	194.4543648
340.2686064	194.4543648	0.606333333	343.4115169	194.4543648	194.4543648
344.2121664	194.4543648	0.718666667	345.1725656	194.4543648	194.4543648
344.2371904	194.4543648	0.749166667	344.8569343	194.4543648	194.4543648
346.9297635	194.4543648	0.731333333	348.4625365	194.4543648	194.4543648
354.1906199	194.4543648	0.6485	354.8451873	194.4543648	194.4543648
350.4126855	194.4543648	0.714166667	350.8355442	194.4543648	194.4543648
351.2093525	194.4543648	0.634166667	352.1461853	194.4543648	194.4543648
348.8579631	194.4543648	0.730333333	348.8157735	194.4543648	194.4543648
351.6140369	194.4543648	0.666166667	351.8400523	194.4543648	194.4543648
349.5853371	194.4543648	0.775666667	351.2548335	194.4543648	194.4543648
350.895734	194.4543648	0.748813559	351.8293451	194.4543648	194.4543648
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352.9773419	194.4543648	0.747166667	355.1408851	194.4543648	194.4543648
349.3474974	194.4543648	0.830666667	352.6475337	194.4543648	194.4543648
353.38435	194.4543648	0.892333333	356.6139129	194.4543648	194.4543648
350.5749688	194.4543648	0.826166667	354.4113639	194.4543648	194.4543648
346.1374839	194.4543648	0.831666667	349.7024398	194.4543648	194.4543648
349.7261042	194.4543648	0.806333333	354.9287374	194.4543648	194.4543648
351.1666903	194.4543648	0.809333333	354.338505	194.4543648	194.4543648
355.7285646	194.4543648	0.807833333	0.130472135	194.0130678	194.3440406
356.6334642	194.4543648	0.814666667	2.597733982	186.2062041	191.1797296
356.8780936	194.4543648	0.855	4.315200325	181.3249041	190.2670188

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9/18/2019	0611	0.398666667	357.0173153
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9/18/2019	0613	0.5665	18.47880516
9/18/2019	0614	0.823	22.41824132
9/18/2019	0615	0.764666667	21.22177439
9/18/2019	0616	0.739166667	24.01105981
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9/18/2019	0618	0.599833333	26.32028879
9/18/2019	0619	0.682333333	27.77195419
9/18/2019	0620	0.551666667	27.97721435
9/18/2019	0621	0.482166667	27.26420227
9/18/2019	0622	0.546	22.16995997
9/18/2019	0623	0.627833333	17.5678674
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9/18/2019	0625	0.580333333	28.39626127
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9/18/2019	0628	0.611833333	32.61780686
9/18/2019	0629	0.607833333	32.14265545
9/18/2019	0630	0.668833333	32.29342962
9/18/2019	0631	0.698166667	31.56341648
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9/18/2019	0638	0.755166667	27.20621276
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9/18/2019	0643	0.526833333	44.09875327
9/18/2019	0644	0.624833333	34.50022451
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9/18/2019	0650	0.522666667	34.156874
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148.9170989	0.844333333	29.19815804	142.9003114
150.2546741	0.762	30.13762635	142.259324
147.2715269	0.8215	30.11504151	142.2742177
144.8697218	0.66	31.53526898	141.3862215
145.145733	0.728333333	34.43983799	139.8689586
143.9589333	0.781833333	35.64640486	139.3528186
143.8001117	0.572333333	34.83818544	139.6912799
144.3612993	0.520166667	33.01864182	140.5621183
149.1873599	0.562	31.9851661	141.1252549
154.9196004	0.617	28.50948039	143.3984491
144.0338242	0.558833333	33.71415298	140.2112609
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144.7255097	0.685166667	33.93555375	140.1042664
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137.5170122	0.541333333	47.03059493	137.5863975
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138.5055777	0.564	44.18498586	137.5139122
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139.9995616	0.605666667	42.38341596	137.6435074
138.6299198	0.607	43.99782309	137.5210364
138.4177864	0.731166667	43.21525645	137.5667352
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139.7269539	0.676833333	40.80008288	137.8702391
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357.70946	194.4543648	0.744	8.809854787	170.3710742	185.2803826
357.4778962	194.4543648	0.7235	6.185290452	176.4682318	187.0525779
359.7553835	194.4543648	0.695833333	10.58009617	166.6833984	183.8628741
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5.083602827	179.2741957	0.608	16.55863331	156.3735084	175.4356304
13.06340784	162.0250849	0.764833333	21.33658432	150.122436	154.8673011
14.96194065	158.832273	0.8455	24.20730853	147.0791212	151.4532307
17.12271511	155.5515958	1.173333333	24.19645731	147.0897017	148.6146769
17.18722929	155.4591018	1.0805	26.06457631	145.366522	148.3349055
17.40542608	155.1485422	1.040833333	25.27965264	146.0666989	147.6902464
18.86841162	153.154727	0.896333333	30.20814145	142.2129843	145.4059137
21.50121298	149.9342717	0.9545	30.0370322	142.3258559	144.3187048
23.75352523	147.5274136	0.9395	32.58743475	140.790966	142.9075329
20.74586438	150.811796	0.776666667	31.77787263	141.2442956	143.8868708
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17.88626532	154.4764041	0.757166667	28.77515299	143.2034188	146.9981094
16.0948614	157.067253	0.836166667	27.07144008	144.5176196	149.9757305
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23.44666534	147.8373808	0.788166667	34.75205071	139.7290889	142.6045215
21.94345554	149.4372252	0.799166667	32.81511023	140.6690498	143.5173269
27.46839977	144.1978521	0.8995	37.03517003	138.8393399	140.4731421
28.07179489	143.7276676	0.823050847	36.37251382	139.0736839	140.505273
26.37066032	145.1026604	0.915666667	37.76056127	138.6049315	140.7584494
27.90595092	143.8550034	0.917333333	37.18108802	138.7903351	140.632952
28.05523812	143.7403157	0.935	37.03729486	138.8386196	140.6363131
23.61844836	147.6631762	0.876166667	32.63815198	140.7635971	142.9646732
21.81786782	149.5771352	0.893833333	33.96007073	140.0925569	143.6785362
19.58556042	152.2319139	0.8925	31.30617396	141.5228383	145.4715241
19.2801061	152.6206812	0.7265	31.10033776	141.6477437	145.7690938
22.68810252	148.6276151	0.8445	32.45092909	140.865231	142.9877499
21.0993092	150.3966528	0.867333333	30.58254198	141.9710458	144.0123519
22.52228845	148.8049616	1.059833333	29.86596364	142.4401508	143.9333347
22.40393197	148.9325725	0.876166667	32.95263309	140.5965858	143.5897336
27.20417773	144.4097646	0.936	35.47718765	139.4212514	141.1212119
27.65666637	144.0491035	0.949166667	36.91962235	138.878809	140.559433
30.9122276	141.763687	0.840666667	39.42561918	138.1533363	139.124768
33.98892647	140.0788106	0.756	43.085679	137.5767819	138.1897506
32.0058545	141.1134867	0.760666667	41.21797755	137.8000992	139.0745845
29.28778599	142.8372511	0.7595	39.84288831	138.0588676	139.4440074
28.48928403	143.4134232	0.756166667	38.77672263	138.3150901	139.6486916
32.55843164	140.8066715	0.755	40.99070554	137.8373264	138.8152928
31.54535562	141.3802645	0.788	41.42294233	137.7684016	138.792039
33.77938676	140.1795014	0.752333333	41.24837338	137.7952862	138.3263198
31.42689756	141.4505321	0.825833333	40.93986167	137.8459543	139.2348889
30.8534278	141.8002814	0.8385	39.33495186	138.1748498	139.0315218
33.03859574	140.5517391	0.936833333	42.2476203	137.6588042	138.5487662
34.63691231	139.7801547	0.9445	42.91247327	137.5913128	138.535986
29.58146928	142.633454	0.8605	40.74531053	137.8799812	139.5276571
27.82849569	143.9149646	0.91	37.00450471	138.8497574	141.2312374
28.55752311	143.3629132	0.867333333	36.28498282	139.1060901	140.779381

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9/18/2019	0657	0.645666667	27.74154354
9/18/2019	0658	0.540333333	33.2398556
9/18/2019	0659	0.544833333	36.12315216
9/18/2019	0700	0.522166667	36.4690751
9/18/2019	0701	0.5185	39.10634034
9/18/2019	0702	0.5995	44.10502754
9/18/2019	0703	0.5065	34.8546694
9/18/2019	0704	0.5215	36.17355426
9/18/2019	0705	0.418166667	33.59351345
9/18/2019	0706	0.5225	27.96300357
9/18/2019	0707	0.565833333	23.67477689
9/18/2019	0708	0.382166667	25.07227463
9/18/2019	0709	0.376166667	19.97456108
9/18/2019	0710	0.425833333	27.13990947
9/18/2019	0711	0.486166667	26.57190558
9/18/2019	0712	0.5475	32.61776054
9/18/2019	0713	0.556	28.31598672
9/18/2019	0714	0.674833333	32.94374066
9/18/2019	0715	0.681166667	30.73118886
9/18/2019	0716	0.562033898	28.52270864
9/18/2019	0717	0.763333333	16.62142976
9/18/2019	0718	0.715166667	7.488928093
9/18/2019	0719	0.740333333	14.69431727
9/18/2019	0720	0.761166667	13.70604398
9/18/2019	0721	0.803	15.00029375
9/18/2019	0722	0.907833333	22.14202428
9/18/2019	0723	0.904333333	25.78132676
9/18/2019	0724	0.834333333	22.67719584
9/18/2019	0725	0.757666667	22.85087756
9/18/2019	0726	0.906	21.76791396
9/18/2019	0727	0.900333333	22.66512598
9/18/2019	0728	0.972166667	19.51323557
9/18/2019	0729	0.765666667	24.33247831
9/18/2019	0730	0.765666667	31.30758257
9/18/2019	0731	0.8505	42.27261236
9/18/2019	0732	0.921333333	43.82479525
9/18/2019	0733	0.9725	41.23697833
9/18/2019	0734	0.916	48.53080222
9/18/2019	0735	0.8945	31.69350407
9/18/2019	0736	0.812333333	34.8990309
9/18/2019	0737	0.882333333	35.70449347
9/18/2019	0738	0.937333333	35.83047745
9/18/2019	0739	0.851	29.08127017
9/18/2019	0740	0.7725	28.96974057
9/18/2019	0741	0.816833333	31.0344381
9/18/2019	0742	0.928833333	42.84223362
9/18/2019	0743	0.987833333	40.4073163
9/18/2019	0744	0.718	39.0374688
9/18/2019	0745	0.709333333	34.87710723
9/18/2019	0746	1.053333333	26.1952258
9/18/2019	0747	1.049333333	30.65823834

143.9826509	0.637	35.1761575	139.5461677
140.4480894	0.587	37.21835029	138.7779709
139.1668993	0.616666667	42.8086215	137.6006299
139.0383283	0.589666667	42.64597609	137.6161328
138.2306616	0.537288136	44.41415269	137.5071881
137.5167761	0.583333333	45.192662	137.5007774
139.6840825	0.5785	41.11393143	137.8168703
139.1478355	0.55	42.34506993	137.6477482
140.2705122	0.549833333	37.46908431	138.6963549
143.8110367	0.544166667	36.18723159	139.1426818
147.6064316	0.5705	33.2259309	140.4552
146.2574099	0.423833333	30.22147952	142.2042467
151.7458959	0.368666667	30.04856113	142.3182054
144.4618684	0.403	36.73908123	138.9416553
144.9319476	0.514	35.84749247	139.273163
140.7745865	0.584666667	39.45974262	138.1453308
143.5427722	0.590666667	34.55287731	139.8178058
140.6012447	0.678166667	39.91109071	138.0441349
141.8768964	0.664666667	34.80509894	139.7057635
143.3886527	0.595166667	32.27684505	140.9612156
156.2808292	0.7555	24.50258438	146.7938121
173.340663	0.7025	16.67500171	156.2019992
159.2641637	0.830833333	20.89171259	150.6395159
160.9102482	0.736666667	21.11737805	150.3756448
158.7708541	0.81	24.85775331	146.4572365
149.2180056	0.842833333	26.89430925	144.6630077
145.615264	0.849166667	32.99838552	140.5726738
148.6392292	0.895833333	26.82857714	144.7173867
148.4551377	0.873	30.43647341	142.0646161
149.6330587	1.021	27.14054546	144.4613517
148.6520902	0.974833333	29.38964088	142.7660796
152.3233954	1.1065	28.18188763	143.6439264
146.9575644	0.9035	32.11017413	141.0544564
141.5219906	0.870666667	35.69023922	139.3353007
137.6559306	0.938166667	49.17380285	137.8656391
137.5289288	1.017	49.73939861	137.971752
137.7970859	0.982	48.07316878	137.6980255
137.7614941	0.9735	52.03448784	138.5428654
141.2933325	0.964666667	38.01708752	138.5275345
139.6647742	0.909830508	36.68526105	138.9606682
139.3296226	0.937666667	39.96391334	138.0328611
139.2798331	0.9575	43.4521982	137.5501869
142.9831609	0.883166667	35.33340476	139.4804077
143.0628575	0.929166667	37.18097605	138.7903724
141.6881662	0.967833333	35.99847874	139.2145403
137.5975648	0.977833333	47.49712151	137.6306925
137.9429194	1.017666667	47.6332883	137.6453472
138.2479158	0.815833333	43.7852683	137.5309079
139.6743053	0.826166667	40.09873496	138.0046263
145.2532704	1.225333333	37.27954121	138.7577987
141.9229666	1.090833333	35.79449709	139.2939804

0.747
0.631666667
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0.604333333
0.433666667
0.4235
0.467166667
0.535
0.61
0.625333333
0.736333333
0.793166667
0.628833333
0.8675
0.815333333
0.952333333
0.851833333
0.967666667
1.025333333
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1.133833333
1.1655
1.292166667
0.949166667
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1.015833333
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1.040833333
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1.011166667
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1.146166667
1.089833333
1.173666667
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24.39587415	146.8963425	0.872	33.3031413	140.4158865	142.7102619
28.31503157	143.5434894	0.776666667	37.49548096	138.6879226	140.3643681
30.84086737	141.8081202	0.818333333	37.89235848	138.564809	139.2851146
30.73071442	141.8771952	0.736666667	40.41269049	137.9418806	139.1183842
31.95908342	141.1401205	0.7015	39.24445712	138.1966741	138.7686611
35.9848842	139.2197769	0.733389831	41.82561599	137.7113013	137.9871579
31.71441309	141.281148	0.785833333	38.72451149	138.3288931	139.2777485
33.74629432	140.1955882	0.715666667	39.57855065	138.1178475	138.7772549
32.06761031	141.0784791	0.657	38.32524853	138.4383397	139.6209215
32.10570782	141.0569731	0.715666667	34.4101941	139.8824695	140.9732903
26.57268231	144.931293	0.728	31.0962021	141.6502743	143.6607997
21.50326577	149.9319362	0.528166667	26.50732814	144.9864889	145.8450204
26.16044148	145.2833317	0.478	28.21147888	143.6215251	145.7422395
27.73119244	143.9907348	0.5895	29.07170832	142.9899689	142.5960569
34.50581015	139.8390341	0.615666667	35.18122317	139.5440319	140.8970442
35.3715815	139.4646102	0.7375	35.20817922	139.5326861	139.4793034
33.48182683	140.3259658	0.776166667	36.24427519	139.1212768	140.7019551
34.80209806	139.7070796	0.818	36.28696691	139.1053517	139.3644527
30.3171589	142.1418254	0.907833333	34.06421822	140.043123	140.9419021
29.26340419	142.8543655	0.7645	29.79528303	142.4877988	142.4230081
18.01783923	154.2953874	0.950666667	23.33760887	147.9488788	151.3297269
11.25600539	165.3582641	0.889	18.02364584	154.2874273	162.2970884
16.09602529	157.0654914	1.021833333	20.53275592	151.0659983	154.5087923
14.72813194	159.2092721	0.895666667	19.13271687	152.8105381	155.8264258
17.13347575	155.5361469	1.045333333	22.95054419	148.3503184	152.278639
20.46149417	151.1516598	1.052333333	23.283188	148.0047817	148.2593637
24.39848246	146.8938285	1.094	24.47655396	146.8187627	144.9751323
21.27246816	150.1961819	1.118666667	24.94572623	146.3749755	147.4819433
23.1193909	148.1741018	1.116	27.1766551	144.432051	145.7814767
21.43248178	150.0126208	1.262	26.01447875	145.4101958	147.3793068
23.27978946	148.0082786	1.265166667	26.17413162	145.2714925	146.1744852
20.23763678	151.4229104	1.388666667	24.15574899	147.1294552	148.6299218
24.99249102	146.3314251	0.997666667	33.9307203	140.1065782	143.612506
28.66412191	143.2844875	1.030166667	35.3991719	139.4532341	140.8987532
42.58602072	137.6221282	1.046	46.05045741	137.5231124	137.6667026
40.9420688	137.8455774	1.233	44.10786637	137.5166698	137.715732
41.116435	137.8164614	1.193	45.08255251	137.5001427	137.7029289
43.60219276	137.5409289	1.137666667	45.64135578	137.5086149	137.8384758
31.27007856	141.5445937	1.157333333	36.15722648	139.1539989	140.1298649
32.99721996	140.5732817	1.108983051	37.35784701	138.7322238	139.482737
34.41398331	139.8807403	1.124666667	39.81356772	138.0652623	138.8271216
36.26015911	139.1153423	1.091166667	41.0799686	137.822444	138.4419516
29.74185928	142.5239785	1.0175	34.49178129	139.8453809	141.208232
31.10357281	141.6457648	1.040666667	39.45589013	138.1462321	140.4113067
29.33460007	142.8044747	1.247	35.06443448	139.5935665	140.8251869
37.39700156	138.7195365	1.116833333	41.44217462	137.7655186	137.9283281
38.19987176	138.4741319	1.195666667	44.66390223	137.5023657	137.891191
38.85848357	138.2937113	0.984166667	46.02051777	137.5218135	137.8985871
34.69940711	139.7523626	1.053166667	40.34997476	137.9540791	138.8463433
29.95495573	142.3805118	1.3175	36.94444674	138.8702799	141.3154652
28.15067286	143.6676059	1.323333333	33.71550743	140.2105995	141.2737881

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9/18/2019	0748	0.9685	30.08433063
9/18/2019	0749	1.290666667	29.14241204
9/18/2019	0750	1.201166667	25.66247272
9/18/2019	0751	0.782372881	30.82916081
9/18/2019	0752	1.008	38.49535175
9/18/2019	0753	0.9825	29.68640151
9/18/2019	0754	1.105333333	45.87984411
9/18/2019	0755	1.183	36.90310674
9/18/2019	0756	1.123833333	37.96625937
9/18/2019	0757	1.005666667	27.1364165
9/18/2019	0758	1.1405	33.52425719
9/18/2019	0759	1.1385	46.62561018
9/18/2019	0800	1.063333333	44.6407151

142.2945108	1.125833333	38.40734571	138.4152719
142.9397377	1.412166667	40.16548203	137.990935
145.7209539	1.279166667	35.028857	139.6087786
141.8154331	0.909333333	30.80360193	141.8314225
138.3908679	1.1005	44.74320428	137.501381
142.5616863	1.102333333	38.37453857	138.4244551
137.5162137	1.225166667	50.67722744	138.1777666
138.8844984	1.244	43.94720376	137.5232155
138.5426425	1.149166667	40.84366015	137.8625791
144.4647065	1.130333333	33.49189319	140.320944
140.3048307	1.1495	39.71697192	138.0865896
137.5553613	1.240666667	52.02532802	138.5401342
137.5027034	1.106	49.31107849	137.890144

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1.591666667
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1.215666667
1.3035
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1.4345
1.379666667
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1.358333333
1.330833333
1.2675

32.08458012	141.0688911	1.293833333	38.37537226	138.4242212	140.0507238
31.72754432	141.2735066	1.685166667	37.73451239	138.612951	140.2042826
26.59344191	144.9138084	1.5175	33.53395097	140.3000138	142.6358887
25.24973296	146.0940651	1.080166667	30.36846142	142.1085414	142.9623655
38.0513014	138.5174281	1.299	44.70200253	137.5018598	137.9778842
30.0321255	142.3291139	1.348	37.56065722	138.6672329	140.4956221
42.6280992	137.6179046	1.383333333	48.20505235	137.7154092	137.7568235
36.2466655	139.120383	1.459666667	42.17267415	137.6675792	138.298919
36.33296341	139.0882844	1.375666667	41.33918274	137.7811401	138.3186615
28.01297904	143.7726631	1.269333333	35.32125503	139.485449	142.0109407
30.98176128	141.7206292	1.378	37.73724684	138.6121078	139.6810393
44.04900937	137.5189422	1.383166667	49.68136425	137.9602374	137.8936688
41.54328981	137.7506181	1.289166667	47.85759667	137.6711905	137.703664

Yes
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Chemical:
MRID:
PC Code:
Plot:
Guideline:

Plot soybean
Sampling Period
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The data point from 0.15 m for sampling period 1 was excluded due to a pump failure (Appendix D, Table 7, p. 556 of the
The data points from 0.33 m for period 4, 0.55 m for period 6, 0.33 m for period 8, 0.15 m for period 9, and 0.15 m for pe

Dicamba DGA
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128931
Bare ground
835.8100

DTG	Air Concentrations (µg/m³) at Heights (m)				
	0.15	0.33	0.55	0.9	1.5
9/11, 11:58 - 15:51		0.068113538	0.043534021	0.036454073	0.017094896
9/11, 15:58 - 18:44	0.036907834	0.027929784	0.019682807	0.01548254	0.009063967
9/11-12, 18:49 - 7:55	0.011670642	0.011429733	0.006989544	0.00707567	0.002861327
9/12, 7:56 - 18:53	0.003170085		0.002740859	0.001753631	0.001685122
9/12-13, 18:54 - 7:25	0.003679603	0.00290182	0.001970992	0.001763162	0.001110464
9/13, 7:25 - 17:52	0.119850978	0.075278724		0.03611635	0.007392545
9/13-14, 17:53 - 7:22	0.003703722	0.002272117	0.000854661	0.000688946	0.000611715
9/14, 7:23 - 17:49	0.000773611		0.000582802	0.000477658	0.000303577
9/14-15, 18:01 - 7:19		0.000696503	0.000547808	0.000304939	0.000242233
9/15, 7:20 - 17:44	0.003584547	0.002301026	0.001420661	0.000901166	0.000703153
9/15-16, 17:47 - 7:18	0.006010812	0.001720368	0.001775593	0.001452448	0.001338534
9/16, 7:22 - 17:41	0.011883364	0.008971189	0.011140479	0.021454825	0.034477928
9/16-17, 17:42 - 7:18		0.001997559	0.00160301	0.001214163	0.000819234
9/17, 7:21 - 17:44	0.000531584	0.000566492	0.000582454	0.000425473	0.000408001
9/17-18, 17:45 - 7:18	0.000853219	0.000605433	0.000433377	0.000306763	0.000220776

study report).
riod 13 were excluded as outliers (Appendix D, Table 7, p. 556 of the study report).

Regressed Logarithmic Profile Quality		
m	b	r^2
-0.031846847	0.03010182	0.964193337
-0.012158594	0.013780167	0.994618802
-0.003816418	0.005483864	0.865028691
-0.000691283	0.001958108	0.862325877
-0.001120796	0.001544695	0.979612565
-0.047334854	0.027641431	0.9940554
-0.001418495	0.000689028	0.883817709
-0.000194811	0.000427517	0.95729729
-0.000318498	0.000335887	0.955849052
-0.001297265	0.000925003	0.957080309
-0.001842773	0.001242025	0.678981013
0.009647066	0.023959402	0.659422261
-0.000779306	0.001134489	0.999981593
-6.39074E-05	0.000460577	0.495541021
-0.000281002	0.000298255	0.98681988

Note: Measured air concentrations should be corrected for low field spike recoveries <90 percent.

Chemical:	Dicamba DGA
MRID:	51017503
PC Code:	128931
Plot:	Bare ground
Guideline:	835.8100

Sampling Period	DTG	Average Wind Speed 0.33
1	9/11, 11:58 - 15:51	3.17
2	9/11, 15:58 - 18:44	2.45
3	9/11-12, 18:49 - 7:55	0.67
4	9/12, 7:56 - 18:53	2.31
5	9/12-13, 18:54 - 7:25	0.62
6	9/13, 7:25 - 17:52	2.20
7	9/13-14, 17:53 - 7:22	1.12
8	9/14, 7:23 - 17:49	2.12
9	9/14-15, 18:01 - 7:19	0.50
10	9/15, 7:20 - 17:44	1.41
11	9/15-16, 17:47 - 7:18	0.37
12	9/16, 7:22 - 17:41	1.30
13	9/16-17, 17:42 - 7:18	0.43
14	9/17, 7:21 - 17:44	1.41
15	9/17-18, 17:45 - 7:18	0.65

Sampling Period	DTG	Average Fetch (m)
1	9/11, 11:58 - 15:51	168.43
2	9/11, 15:58 - 18:44	159.87
3	9/11-12, 18:49 - 7:55	149.42
4	9/12, 7:56 - 18:53	157.40
5	9/12-13, 18:54 - 7:25	147.39
6	9/13, 7:25 - 17:52	160.56
7	9/13-14, 17:53 - 7:22	173.40
8	9/14, 7:23 - 17:49	147.08
9	9/14-15, 18:01 - 7:19	171.80
10	9/15, 7:20 - 17:44	154.11
11	9/15-16, 17:47 - 7:18	158.40
12	9/16, 7:22 - 17:41	162.17
13	9/16-17, 17:42 - 7:18	160.65
14	9/17, 7:21 - 17:44	161.45
15	9/17-18, 17:45 - 7:18	157.85

Wind speed data from Appendix D, Table 7, p. 556 of the study report.

(m/s) at Heights (m)				Regressed Logarithmic Profile Quality		
0.55	0.9	1.5	[z_n]	m	b	r^2
3.45	3.75	4.02	[#]	0.56595106	3.79648769	0.999322063
2.63	2.82	3.03	[#]	0.383321577	2.867275391	0.998788968
0.77	0.93	1.02	[#]	0.240123518	0.931927131	0.986655533
2.49	2.67	2.84	[#]	0.351515871	2.701092544	0.999673069
0.73	0.88	0.99	[#]	0.250126134	0.892944038	0.995010444
2.49	2.58	2.82	[#]	0.387785855	2.658845025	0.968191299
1.21	1.35	1.53	[#]	0.272073984	1.398160875	0.978670453
2.26	2.46	2.54	[#]	0.289702317	2.446858975	0.975095175
0.58	0.69	0.83	[#]	0.218465187	0.726812089	0.985289674
1.51	1.60	1.67	[#]	0.172771627	1.608246289	0.993739956
0.43	0.50	0.54	[#]	0.115132831	0.50048056	0.988364794
1.43	1.51	1.61	[#]	0.200692095	1.533063091	0.991818023
0.49	0.58	0.63	[#]	0.136935922	0.5806465	0.987270828
1.49	1.61	1.66	[#]	0.172626867	1.603195392	0.976684452
0.73	0.85	0.95	[#]	0.202489954	0.866195216	0.99374074

Note: Raw meteorological data should be averaged consistent with air sampling periods.

Chemical:
MRID:
PC Code:
Plot:
Guideline:

Plot Soybean
Period No.
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Roughness length and zmax are from Appendix D, Table 8, p. 557 of the study report.
Based on a comparison of perimeter and center mast concentrations and comparison to the indirect method, the flux calc
No flux was calculated for period 12 due to a reversed concentration gradient (Appendix D, Table 8, p. 557 of the study re

The reviewer edited the visual basic code used to calculate estimated flux to match the method used by the registrant.
Specifically, the equation for zmax was changed as follows:

Original equation:

Revised equation:

Where mc and bc are the slope and intercept of the air concentration regression.

Dicamba DGA
51017503
128931
Bare ground
835.8100

		Air Concentrations		
Sample Interval Times	Duration (Hrs.)	Slope	Intercept	RSq
9/11, 11:58 - 15:51	3.88	-0.031846847	0.03010182	0.964193337
9/11, 15:58 - 18:44	2.77	-0.012158594	0.013780167	0.994618802
9/11-12, 18:49 - 7:55	13.10	-0.003816418	0.005483864	0.865028691
9/12, 7:56 - 18:53	10.95	-0.000691283	0.001958108	0.862325877
9/12-13, 18:54 - 7:25	12.52	-0.001120796	0.001544695	0.979612565
9/13, 7:25 - 17:52	10.45	-0.047334854	0.027641431	0.9940554
9/13-14, 17:53 - 7:22	13.48	-0.001418495	0.000689028	0.883817709
9/14, 7:23 - 17:49	10.43	-0.000194811	0.000427517	0.95729729
9/14-15, 18:01 - 7:19	13.30	-0.000318498	0.000335887	0.955849052
9/15, 7:20 - 17:44	10.40	-0.001297265	0.000925003	0.957080309
9/15-16, 17:47 - 7:18	13.52	-0.001842773	0.001242025	0.678981013
9/16, 7:22 - 17:41	10.32	0.009647066	0.023959402	0.659422261
9/16-17, 17:42 - 7:18	13.60	-0.000779306	0.001134489	0.999981593
9/17, 7:21 - 17:44	10.38	-6.39074E-05	0.000460577	0.495541021
9/17-18, 17:45 - 7:18	13.55	-0.000281002	0.000298255	0.98681988

ulated for period 6 was considered anomalous (Appendix D, Table 8, p. 557 of the study report).
eport).

zmax = exp ((0.1 - bc)/mc)

zmax = exp (-bc/mc)

Wind Speed				face and Boundary Layer Parame				**Estimated Flux**
Slope	Intercept	RSq		Fetch (m)	Roughness Length (m)	Z_{max} (m)		**($\mu g/m^2 \cdot s$)**
0.57	3.80	1.00		168.43	0.0012	2.57		0.0015548
0.38	2.87	1.00		159.87	0.0006	3.11		0.0005976
0.24	0.93	0.99		149.42	0.0205	4.21		0.0000865
0.35	2.70	1.00		157.40	0.0004	16.99		0.0002233
0.25	0.89	1.00		147.39	0.0285	3.97		0.0000226
0.39	2.66	0.97		160.56	0.001	1.79		0.0011128
0.27	1.40	0.98		173.40	0.0054	1.63		0.0000132
0.29	2.45	0.98		147.08	0.0002	8.98		0.0000297
0.22	0.73	0.99		171.80	0.0376	2.87		0.0000029
0.17	1.61	0.99		154.11	0.0001	2.04		0.0000237
0.12	0.50	0.99		158.40	0.0117	1.96		0.0000081
0.20	1.53	0.99		162.17	0.0005	0.08		
0.14	0.58	0.99		160.65	0.0142	4.29		0.0000106
0.17	1.60	0.98		161.45	0.0001	25.00		0.0000963
0.20	0.87	0.99		157.85	0.0144	2.89		0.0000035