



ПОСТАНОВЛЕНИЕ

ПРАВИТЕЛЬСТВА ЛИПЕЦКОЙ ОБЛАСТИ

28 апреля 2025 года

г. Липецк

№ 252

Об установлении местоположения береговой линии
(границы водного объекта), границ водоохранных зон
и границ прибрежных защитных полос водотока
Каменный Лог в г. Липецке

В целях осуществления переданных полномочий Российской Федерации в области водных отношений по осуществлению мер по охране водных объектов или их частей, находящихся в федеральной собственности и расположенных на территориях субъектов Российской Федерации, в соответствии со статьей 65 Водного кодекса Российской Федерации, постановлением Правительства Российской Федерации от 31 октября 2024 года № 1459 «Об утверждении Правил установления границ водоохранных зон и границ прибрежных защитных полос водных объектов», постановлением Правительства Российской Федерации от 29 апреля 2016 года № 377 «Об утверждении Правил определения местоположения береговой линии (границы водного объекта), случаев и периодичности ее определения и о внесении изменений в Правила установления на местности границ водоохранных зон и границ прибрежных полос водных объектов» Правительство Липецкой области постановляет:

1. Установить местоположение береговой линии (границы водного объекта) водотока Каменный Лог в г. Липецке, протяженностью 30,81 км с учетом двух берегов (приложение 1).
2. Установить ширину водоохранной зоны водотока Каменный Лог в г. Липецке в размере 100 м.
3. Установить ширину прибрежной защитной полосы водотока Каменный Лог в г. Липецке в размере 50 м для уклона берега три и более градуса.

4. Установить границу водоохранной зоны водотока Каменный Лог в г. Липецке, протяженностью 27,45 км с учетом двух берегов (приложение 2).

5. Установить границу прибрежной защитной полосы водотока Каменный Лог в г. Липецке, протяженностью 28,64 км с учетом двух берегов (приложение 3).

И.о. Губернатора
Липецкой области



А.Н. Рябченко

Приложение 1
к постановлению Правительства
Липецкой области
«Об установлении местоположения
береговой линии (границы водного
объекта), границ водоохранных
зон и границ прибрежных защитных полос
водотока Каменный Лог в г. Липецке»

Местоположение береговой линии (границы водного объекта) водотока
Каменный Лог в г. Липецке, протяженностью 30,81 км с учетом двух берегов

Местоположение береговой линии (границы водного объекта) водотока
Каменный Лог в г. Липецке, протяженностью 30,81 км с учетом двух берегов,
определено в соответствии с характерными точками береговой линии (границы
водного объекта) водотока Каменный Лог в г. Липецке, протяженностью 30,81
км с учетом двух берегов, приведенными в таблице.

Сведения о характерных точках береговой линии (границы водного
объекта) водотока Каменный Лог в г. Липецке, протяженностью 30,81 км
с учетом двух берегов

Таблица

Номер опорной точки	X МСК-48	Y МСК-48	X WGS- 84	Y WGS -84
1	420357.08	1315666.3	52.623444	39.451315
2	420361.45	1315661.93	52.623484	39.451252
3	420365.45	1315657.2	52.62352	39.451182
4	420367.39	1315652.71	52.623538	39.451117
5	420368.24	1315646.53	52.623547	39.451025
6	420368.36	1315638.4	52.623549	39.450905
7	420368.48	1315624.21	52.623552	39.450696
8	420369.12	1315612.76	52.623559	39.450527
9	420369.12	1315594.79	52.623561	39.450262
10	420369.6	1315576.7	52.623567	39.449995
11	420374.56	1315561.82	52.623614	39.449776
12	420387	1315550.88	52.623727	39.449617
13	420394.47	1315548.89	52.623794	39.449589
14	420409.51	1315545.01	52.62393	39.449535
15	420425.87	1315540.67	52.624077	39.449474
16	420435.97	1315533.94	52.624169	39.449377
17	420450.98	1315525.71	52.624305	39.449258
18	420459.07	1315519.05	52.624378	39.449161

19	420464.26	1315511.02	52.624426	39.449044
20	420468.08	1315495.75	52.624462	39.448819
21	420467.62	1315486.45	52.624459	39.448682
22	420463.92	1315482.3	52.624426	39.44862
23	420455.16	1315472.08	52.624349	39.448467
24	420445.38	1315458.88	52.624262	39.44827
25	420438.03	1315440.75	52.624199	39.448001
26	420436.06	1315429.42	52.624182	39.447833
27	420436.55	1315409.39	52.624189	39.447538
28	420439.97	1315391.33	52.624222	39.447272
29	420444.87	1315374.17	52.624268	39.447019
30	420457.12	1315358	52.62438	39.446783
31	420468.77	1315345.87	52.624486	39.446606
32	420477.84	1315333.93	52.624569	39.446432
33	420481.79	1315312.61	52.624607	39.446118
34	420481.79	1315299.55	52.624609	39.445925
35	420483.26	1315281.48	52.624624	39.445658
36	420489.63	1315260.89	52.624684	39.445356
37	420502.35	1315242.79	52.6248	39.445091
38	420515.51	1315229.14	52.62492	39.444892
39	420528.56	1315217.05	52.625039	39.444716
40	420542.63	1315197.17	52.625168	39.444425
41	420563.03	1315177.26	52.625353	39.444135
42	420573.08	1315165.25	52.625445	39.44396
43	420587.59	1315155.42	52.625577	39.443818
44	420597.76	1315152.19	52.625668	39.443772
45	420599.17	1315128.36	52.625684	39.44342
46	420614.21	1315102.16	52.625822	39.443036
47	420655.93	1315058.01	52.626202	39.442393
48	420684.07	1315025.03	52.626459	39.441911
49	420717.18	1314977.48	52.626762	39.441216
50	420758.9	1314929.94	52.627143	39.440522
51	420788.01	1314895.01	52.627409	39.440012
52	420806.45	1314876.57	52.627576	39.439743
53	420809.6	1314848.92	52.627608	39.439335
54	420813.24	1314822.48	52.627644	39.438946
55	420823.67	1314808.41	52.627739	39.43874
56	420841.62	1314831.45	52.627898	39.439084
57	420862.06	1314829.71	52.628082	39.439062
58	420866.54	1314825.24	52.628122	39.438997
59	420872.17	1314820.58	52.628174	39.438929
60	420883.61	1314812.79	52.628277	39.438816
61	420895.19	1314805.07	52.628382	39.438705
62	420904.82	1314795.68	52.62847	39.438568
63	420917.18	1314781.63	52.628583	39.438363
64	420930.54	1314767.54	52.628704	39.438157

65	420943.86	1314753.97	52.628826	39.43796
66	420957.42	1314737.99	52.628949	39.437726
67	420970.24	1314722	52.629067	39.437493
68	420976.9	1314718.06	52.629127	39.437436
69	420984.62	1314712.74	52.629197	39.437359
70	420996.02	1314704.26	52.6293	39.437236
71	421008.32	1314695.33	52.629412	39.437106
72	421019.84	1314682.85	52.629517	39.436924
73	421027.04	1314669.65	52.629583	39.436731
74	421033.06	1314653.28	52.629639	39.43649
75	421035.47	1314638.61	52.629663	39.436274
76	421036.2	1314619.85	52.629671	39.435997
77	421041.62	1314605.55	52.629722	39.435787
78	421047.8	1314597.15	52.629778	39.435664
79	421056.83	1314588.85	52.62986	39.435543
80	421066.3	1314580.11	52.629946	39.435416
81	421072.95	1314574.44	52.630007	39.435334
82	421077.8	1314572.26	52.630051	39.435303
83	421082.93	1314567.87	52.630097	39.435239
84	421090.42	1314565.37	52.630165	39.435203
85	421097.48	1314564.26	52.630229	39.435188
86	421106.15	1314563.3	52.630307	39.435176
87	421112.78	1314561.17	52.630366	39.435146
88	421118.63	1314557.66	52.630419	39.435095
89	421123.37	1314551.5	52.630463	39.435005
90	421129.11	1314543.12	52.630515	39.434882
91	421134.18	1314527.93	52.630563	39.434659
92	421137.85	1314517.88	52.630597	39.434511
93	421143.31	1314509.95	52.630647	39.434395
94	421152.32	1314502.16	52.630729	39.434282
95	421161.75	1314491.02	52.630815	39.434119
96	421174.38	1314478.15	52.63093	39.433932
97	421183.32	1314468.49	52.631011	39.433791
98	421190.07	1314459.33	52.631073	39.433657
99	421196.09	1314450.18	52.631128	39.433523
100	421200.93	1314440.01	52.631173	39.433374
101	421207.01	1314429.79	52.631229	39.433224
102	421213.1	1314419.32	52.631285	39.43307
103	421223.37	1314405.88	52.631378	39.432874
104	421232.02	1314397.97	52.631457	39.432759
105	421240.96	1314394.24	52.631538	39.432705
106	421248.65	1314392.8	52.631607	39.432686
107	421253.45	1314389.72	52.631651	39.432641
108	421252.74	1314392.12	52.631644	39.432676
109	421249.27	1314394.35	52.631613	39.432709
110	421241.43	1314395.82	52.631542	39.432729

111	421232.91	1314399.37	52.631465	39.43278
112	421224.58	1314406.99	52.631389	39.432891
113	421214.47	1314420.23	52.631297	39.433084
114	421208.43	1314430.62	52.631241	39.433236
115	421202.38	1314440.78	52.631186	39.433385
116	421197.52	1314450.99	52.631141	39.433535
117	421191.41	1314460.27	52.631085	39.433671
118	421184.58	1314469.54	52.631022	39.433806
119	421175.57	1314479.29	52.63094	39.433949
120	421162.97	1314492.13	52.630826	39.434136
121	421153.48	1314503.31	52.630739	39.434299
122	421144.54	1314511.05	52.630658	39.434412
123	421139.32	1314518.64	52.63061	39.434523
124	421135.72	1314528.48	52.630576	39.434667
125	421130.6	1314543.86	52.630529	39.434893
126	421124.7	1314552.46	52.630474	39.435019
127	421119.74	1314558.91	52.630429	39.435114
128	421113.46	1314562.67	52.630372	39.435168
129	421106.5	1314564.91	52.630309	39.4352
130	421097.7	1314565.89	52.63023	39.435212
131	421090.81	1314566.97	52.630168	39.435227
132	421083.75	1314569.32	52.630105	39.43526
133	421078.69	1314573.66	52.630059	39.435323
134	421073.84	1314575.84	52.630015	39.435355
135	421067.39	1314581.34	52.629956	39.435435
136	421057.94	1314590.06	52.62987	39.435562
137	421049.02	1314598.25	52.629789	39.435681
138	421043.07	1314606.35	52.629735	39.435799
139	421037.82	1314620.18	52.629686	39.436002
140	421037.1	1314638.78	52.629677	39.436277
141	421034.65	1314653.7	52.629653	39.436497
142	421028.54	1314670.33	52.629596	39.436741
143	421021.19	1314683.81	52.629529	39.436939
144	421009.42	1314696.56	52.629422	39.437125
145	420996.99	1314705.58	52.629309	39.437255
146	420985.58	1314714.08	52.629205	39.437379
147	420977.78	1314719.44	52.629135	39.437456
148	420971.33	1314723.26	52.629076	39.437512
149	420958.69	1314739.04	52.628961	39.437742
150	420945.07	1314755.08	52.628836	39.437976
151	420931.72	1314768.68	52.628715	39.438174
152	420918.39	1314782.73	52.628593	39.438379
153	420906.01	1314796.81	52.628481	39.438585
154	420896.23	1314806.35	52.628391	39.438724
155	420884.53	1314814.15	52.628285	39.438837
156	420873.16	1314821.89	52.628182	39.438949

157	420867.64	1314826.45	52.628132	39.439015
158	420865.36	1314830.97	52.628111	39.439081
159	420859.57	1314852.8	52.628057	39.439403
160	420853.75	1314874.63	52.628002	39.439724
161	420841.62	1314889.67	52.627891	39.439943
162	420831.43	1314904.22	52.627798	39.440156
163	420827.55	1314928	52.62776	39.440507
164	420813.96	1314949.34	52.627635	39.440819
165	420789.71	1314963.41	52.627416	39.441022
166	420761.57	1314975.54	52.627161	39.441196
167	420738.28	1314994.46	52.62695	39.44147
168	420727.61	1315016.29	52.626851	39.441791
169	420714.51	1315054.62	52.626729	39.442354
170	420688.31	1315076.94	52.626491	39.442679
171	420667.94	1315089.06	52.626307	39.442854
172	420644.65	1315112.35	52.626094	39.443193
173	420633.49	1315137.58	52.625991	39.443563
174	420624.39	1315159.41	52.625907	39.443884
175	420610.32	1315176.39	52.625778	39.444132
176	420598.2	1315169.6	52.62567	39.444029
177	420597.74	1315153.92	52.625668	39.443797
178	420588.31	1315156.91	52.625583	39.44384
179	420574.19	1315166.48	52.625455	39.443978
180	420564.23	1315178.37	52.625364	39.444152
181	420543.88	1315198.24	52.625179	39.444441
182	420529.8	1315218.14	52.62505	39.444732
183	420516.66	1315230.31	52.62493	39.444909
184	420503.62	1315243.83	52.624812	39.445106
185	420491.12	1315261.63	52.624697	39.445367
186	420484.88	1315281.79	52.624639	39.445663
187	420483.43	1315299.62	52.624623	39.445926
188	420483.43	1315312.76	52.624622	39.44612
189	420479.38	1315334.62	52.624583	39.446442
190	420470.01	1315346.94	52.624497	39.446622
191	420458.37	1315359.07	52.624391	39.446799
192	420446.36	1315374.92	52.624281	39.447031
193	420441.57	1315391.71	52.624236	39.447278
194	420438.19	1315409.56	52.624204	39.447541
195	420437.71	1315429.3	52.624197	39.447832
196	420439.62	1315440.3	52.624213	39.447995
197	420446.82	1315458.07	52.624276	39.448258
198	420456.45	1315471.06	52.62436	39.448452
199	420465.16	1315481.22	52.624438	39.448604
200	420469.22	1315485.8	52.624473	39.448672
201	420469.73	1315495.91	52.624477	39.448822
202	420465.79	1315511.68	52.62444	39.449054

203	420460.31	1315520.15	52.624389	39.449178
204	420451.9	1315527.07	52.624313	39.449278
205	420436.83	1315535.34	52.624176	39.449397
206	420426.55	1315542.19	52.624083	39.449496
207	420409.92	1315546.59	52.623933	39.449558
208	420394.89	1315550.47	52.623798	39.449612
209	420387.8	1315552.36	52.623734	39.449639
210	420375.98	1315562.76	52.623626	39.44979
211	420371.24	1315576.99	52.623582	39.449999
212	420370.76	1315594.81	52.623576	39.450262
213	420370.76	1315612.74	52.623573	39.450527
214	420371.39	1315624.33	52.623578	39.450698
215	420372	1315636.1	52.623582	39.450872
216	420372.6	1315648.1	52.623586	39.45105
217	420370.66	1315657.32	52.623567	39.451185
218	420365.45	1315664.23	52.62352	39.451286
219	420359.5	1315668.6	52.623466	39.45135
220	418921.05	1317607.58	52.610304	39.479684
221	418935.36	1317569.25	52.610437	39.479121
222	418941.47	1317555.16	52.610494	39.478915
223	418945.9	1317547.78	52.610534	39.478807
224	418953.55	1317537.18	52.610604	39.478652
225	418959.34	1317532.9	52.610657	39.47859
226	418967.12	1317528.89	52.610727	39.478532
227	418970.75	1317522.07	52.610761	39.478432
228	418972.75	1317510.35	52.61078	39.47826
229	418978.54	1317506.92	52.610833	39.47821
230	418985.07	1317503.42	52.610892	39.47816
231	418990.9	1317492.92	52.610946	39.478006
232	418992.89	1317484.47	52.610964	39.477882
233	419001.37	1317477.28	52.611042	39.477777
234	419007.39	1317475.83	52.611096	39.477757
235	419013.61	1317469.61	52.611152	39.477667
236	419020.21	1317457.88	52.611213	39.477495
237	419029.05	1317451.82	52.611293	39.477407
238	419038.62	1317448.71	52.61138	39.477363
239	419052	1317434.03	52.611502	39.477149
240	419054.93	1317426.76	52.611529	39.477043
241	419056.83	1317419.03	52.611547	39.476929
242	419057.67	1317410.81	52.611556	39.476808
243	419057.43	1317402.38	52.611555	39.476683
244	419057.43	1317387.19	52.611556	39.476459
245	419057.67	1317374.14	52.61156	39.476266
246	419056.23	1317359.58	52.611549	39.476051
247	419051.3	1317347.74	52.611506	39.475875
248	419053.15	1317340.6	52.611524	39.47577

249	419059.98	1317332.26	52.611586	39.475649
250	419071.22	1317325.66	52.611688	39.475554
251	419080.61	1317317.41	52.611773	39.475434
252	419087.14	1317309.94	52.611833	39.475325
253	419088.54	1317301.33	52.611847	39.475198
254	419089.04	1317291.27	52.611852	39.47505
255	419094.56	1317285.75	52.611903	39.474969
256	419098.2	1317278.69	52.611936	39.474866
257	419097.08	1317269.96	52.611927	39.474737
258	419091.56	1317264.67	52.611878	39.474657
259	419089.68	1317257.17	52.611862	39.474546
260	419092.63	1317251.27	52.611889	39.47446
261	419092	1317244.67	52.611885	39.474362
262	419087.55	1317242.45	52.611845	39.474329
263	419079.6	1317235.27	52.611774	39.474221
264	419078.81	1317226.01	52.611768	39.474084
265	419083.73	1317217.21	52.611814	39.473955
266	419094.45	1317210.97	52.611911	39.473865
267	419102.9	1317206.75	52.611987	39.473805
268	419107.54	1317198.2	52.61203	39.47368
269	419114.73	1317195.53	52.612095	39.473642
270	419122.23	1317196.47	52.612162	39.473657
271	419128.93	1317189.76	52.612223	39.473559
272	419131.87	1317180.47	52.612251	39.473423
273	419144.59	1317170.74	52.612366	39.473282
274	419157.89	1317163.73	52.612487	39.473181
275	419166.24	1317156.09	52.612563	39.47307
276	419169.28	1317149.76	52.612591	39.472977
277	419174.59	1317136.5	52.61264	39.472782
278	419178.92	1317121.82	52.612681	39.472567
279	419181.08	1317108.35	52.612702	39.472368
280	419182.52	1317092.59	52.612717	39.472136
281	419179.68	1317083.12	52.612692	39.471996
282	419176.93	1317075.89	52.612669	39.471888
283	419177.94	1317065.28	52.612679	39.471732
284	419181.26	1317057.37	52.61271	39.471616
285	419188.03	1317051.35	52.612771	39.471528
286	419196.31	1317045.26	52.612846	39.47144
287	419211.26	1317033.74	52.612982	39.471273
288	419226.4	1317029.28	52.613119	39.47121
289	419238.08	1317029.03	52.613224	39.471209
290	419249.14	1317031.49	52.613323	39.471247
291	419261.67	1317034.62	52.613435	39.471296
292	419276.84	1317035.58	52.613571	39.471313
293	419291.73	1317036.3	52.613705	39.471327
294	419310.88	1317032.04	52.613877	39.471268

295	419319.2	1317029.42	52.613953	39.471231
296	419326.66	1317025	52.61402	39.471167
297	419331.35	1317018.43	52.614063	39.471071
298	419337.32	1317008.73	52.614118	39.470929
299	419347.81	1317003.61	52.614213	39.470856
300	419358.22	1317004.12	52.614306	39.470866
301	419366.31	1317007.41	52.614379	39.470916
302	419373.43	1317013.3	52.614442	39.471004
303	419382.91	1317019.46	52.614526	39.471097
304	419391.81	1317021.33	52.614606	39.471126
305	419400.32	1317021.33	52.614682	39.471128
306	419407.21	1317019.9	52.614745	39.471108
307	419417.97	1317017.04	52.614842	39.471068
308	419428.73	1317011.06	52.614939	39.470982
309	419437.43	1317005.5	52.615018	39.470902
310	419449.82	1316997.32	52.61513	39.470784
311	419458.67	1316988.47	52.615211	39.470655
312	419467.77	1316976.42	52.615294	39.470479
313	419480.16	1316970.85	52.615406	39.470399
314	419488.23	1316967.3	52.615479	39.470348
315	419503.89	1316962.86	52.61562	39.470286
316	419517.4	1316963.71	52.615742	39.470301
317	419531.41	1316960.81	52.615868	39.470261
318	419544.22	1316960.34	52.615983	39.470257
319	419560.97	1316946.3	52.616135	39.470053
320	419569.14	1316929	52.616211	39.469799
321	419579.07	1316912.61	52.616302	39.469559
322	419590.38	1316908.5	52.616404	39.469501
323	419603.6	1316910.54	52.616523	39.469534
324	419615.92	1316921.87	52.616632	39.469703
325	419631.05	1316932.28	52.616767	39.46986
326	419652.32	1316930.39	52.616958	39.469837
327	419665.96	1316924.74	52.617081	39.469756
328	419676.43	1316910.93	52.617177	39.469554
329	419686.6	1316895.92	52.61727	39.469335
330	419694.3	1316884.38	52.617341	39.469166
331	419703.93	1316859.83	52.61743	39.468805
332	419708.31	1316840.35	52.617472	39.468519
333	419717.2	1316824.55	52.617554	39.468287
334	419726.56	1316815.19	52.617639	39.468151
335	419740.31	1316803.89	52.617764	39.467987
336	419756.43	1316797.05	52.61791	39.467889
337	419771.22	1316789.42	52.618043	39.467779
338	419781.63	1316776.65	52.618139	39.467593
339	419786.32	1316762.58	52.618182	39.467386
340	419783.93	1316752.06	52.618162	39.46723

341	419784.43	1316739.55	52.618168	39.467046
342	419792	1316724.41	52.618238	39.466824
343	419808.46	1316717.93	52.618387	39.466732
344	419832.13	1316711.65	52.6186	39.466644
345	419850.08	1316700.31	52.618763	39.46648
346	419856.22	1316680.48	52.618821	39.466188
347	419856.22	1316657.99	52.618823	39.465856
348	419878.12	1316625.26	52.619024	39.465377
349	419896	1316614	52.619186	39.465215
350	419912.85	1316601.78	52.619339	39.465038
351	419933.24	1316595.4	52.619523	39.464948
352	419952.08	1316592.5	52.619693	39.464909
353	419968.47	1316584.66	52.619841	39.464796
354	419981.82	1316569.64	52.619963	39.464577
355	419989.99	1316554.75	52.620038	39.464359
356	420001.33	1316529.17	52.620143	39.463984
357	420005.9	1316510.39	52.620186	39.463707
358	419991.04	1316501.93	52.620054	39.463579
359	419982.3	1316494.17	52.619976	39.463463
360	419978.91	1316481.07	52.619947	39.463269
361	419993.46	1316458.75	52.620081	39.462942
362	420001.22	1316446.14	52.620152	39.462758
363	420000.25	1316435.47	52.620145	39.4626
364	420011.41	1316427.7	52.620246	39.462488
365	420016.75	1316419.46	52.620295	39.462367
366	420013.84	1316400.05	52.620271	39.46208
367	420008.5	1316392.29	52.620224	39.461964
368	420015.78	1316374.34	52.620292	39.461701
369	420027.42	1316352.51	52.620399	39.461381
370	420041.01	1316329.7	52.620524	39.461047
371	420043.92	1316315.15	52.620552	39.460832
372	420045.37	1316294.77	52.620567	39.460532
373	420053.62	1316283.13	52.620643	39.460362
374	420062.35	1316253.54	52.620725	39.459927
375	420066.23	1316232.67	52.620762	39.459619
376	420074.97	1316223.46	52.620842	39.459485
377	420082.24	1316221.52	52.620907	39.459458
378	420087.58	1316223.94	52.620955	39.459495
379	420093.4	1316228.31	52.621007	39.45956
380	420099.22	1316220.06	52.62106	39.45944
381	420101.65	1316188.53	52.621086	39.458975
382	420105.53	1316178.34	52.621122	39.458825
383	420110.38	1316168.15	52.621167	39.458676
384	420118.63	1316145.83	52.621244	39.458348
385	420131.24	1316127.88	52.621359	39.458085
386	420136.52	1316119.54	52.621408	39.457963

387	420141.64	1316113.16	52.621454	39.45787
388	420147.14	1316108.5	52.621504	39.457802
389	420153.97	1316102.16	52.621566	39.45771
390	420164.93	1316094.36	52.621666	39.457597
391	420177	1316085.6	52.621775	39.45747
392	420178.83	1316078.07	52.621793	39.457359
393	420178.83	1316068.59	52.621794	39.457219
394	420173.7	1316062.3	52.621749	39.457125
395	420166.95	1316053.11	52.621689	39.456988
396	420161.24	1316045.17	52.621639	39.45687
397	420158.99	1316033.65	52.62162	39.456699
398	420160.48	1316021.76	52.621635	39.456524
399	420164.86	1316007.87	52.621676	39.45632
400	420168.49	1315993.34	52.62171	39.456106
401	420174.37	1315971.8	52.621766	39.455789
402	420184.22	1315958.75	52.621856	39.455599
403	420193.6	1315948.63	52.621941	39.455451
404	420202.53	1315944.41	52.622022	39.455391
405	420210.88	1315941.07	52.622097	39.455343
406	420217.89	1315934.52	52.622161	39.455248
407	420223.37	1315923.8	52.622212	39.45509
408	420228.97	1315910.41	52.622264	39.454894
409	420240.23	1315892.59	52.622367	39.454633
410	420245.38	1315884	52.622414	39.454507
411	420254.12	1315875.26	52.622494	39.45438
412	420261.06	1315864.25	52.622557	39.454219
413	420266.69	1315852.26	52.622609	39.454043
414	420273.64	1315845.31	52.622673	39.453942
415	420287.74	1315834.13	52.622801	39.453779
416	420300.43	1315822.87	52.622916	39.453616
417	420306.15	1315811.44	52.622969	39.453448
418	420309.27	1315803.5	52.622998	39.453331
419	420314.07	1315789.11	52.623043	39.45312
420	420313.05	1315772.42	52.623036	39.452873
421	420309.02	1315759.81	52.623001	39.452686
422	420306.06	1315747.41	52.622976	39.452503
423	420302.12	1315721.94	52.622944	39.452126
424	420303.45	1315710.23	52.622957	39.451953
425	420304.61	1315708.29	52.622968	39.451925
426	420313.27	1315708.22	52.623045	39.451925
427	420314	1315709.09	52.623052	39.451938
428	420315.11	1315708.08	52.623062	39.451924
429	420316.45	1315709.84	52.623074	39.45195
430	420315.43	1315710.77	52.623065	39.451963
431	420316.92	1315712.54	52.623078	39.45199
432	420318.4	1315719.08	52.62309	39.452087

433	420311.76	1315721.24	52.62303	39.452117
434	420309.4	1315724.79	52.623009	39.452169
435	420313.34	1315745.77	52.623042	39.45248
436	420315.27	1315758.72	52.623057	39.452671
437	420316.53	1315771.98	52.623067	39.452867
438	420316.04	1315789.45	52.62306	39.453125
439	420311.13	1315804.17	52.623015	39.453342
440	420307.95	1315812.24	52.622985	39.45346
441	420302.02	1315824.1	52.62293	39.453634
442	420289	1315835.64	52.622812	39.453802
443	420274.96	1315846.78	52.622684	39.453964
444	420268.33	1315853.41	52.622624	39.45406
445	420262.8	1315865.2	52.622573	39.454233
446	420255.67	1315876.5	52.622508	39.454399
447	420246.95	1315885.22	52.622428	39.454526
448	420241.91	1315893.62	52.622382	39.454649
449	420230.73	1315911.33	52.622279	39.454908
450	420225.17	1315924.63	52.622228	39.455103
451	420219.49	1315935.73	52.622175	39.455266
452	420211.95	1315942.77	52.622107	39.455368
453	420203.32	1315946.22	52.622029	39.455417
454	420194.79	1315950.25	52.621952	39.455475
455	420185.73	1315960.02	52.621869	39.455618
456	420176.17	1315972.68	52.621782	39.455803
457	420170.4	1315993.84	52.621727	39.456114
458	420166.76	1316008.41	52.621693	39.456328
459	420162.41	1316022.18	52.621652	39.456531
460	420160.99	1316033.58	52.621638	39.456699
461	420163.1	1316044.37	52.621655	39.456859
462	420168.55	1316051.95	52.621704	39.456972
463	420175.26	1316061.09	52.621763	39.457108
464	420180.81	1316067.89	52.621812	39.457209
465	420180.81	1316078.3	52.62181	39.457363
466	420178.75	1316086.78	52.621791	39.457488
467	420166.08	1316095.97	52.621676	39.457621
468	420155.22	1316103.7	52.621577	39.457733
469	420151.71	1316108.26	52.621545	39.4578
470	420145.95	1316114.57	52.621493	39.457892
471	420142.4	1316119.67	52.62146	39.457966
472	420137.16	1316128.52	52.621412	39.458096
473	420132.7	1316137.59	52.621371	39.458229
474	420117.17	1316184.16	52.621226	39.458913
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476	420106.99	1316238.5	52.621128	39.459713
477	420100.68	1316251.11	52.621069	39.459898
478	420104.08	1316263.72	52.621099	39.460085

479	420089.04	1316269.06	52.620963	39.460161
480	420079.82	1316285.56	52.620878	39.460403
481	420068.66	1316306.9	52.620775	39.460716
482	420060.9	1316319.03	52.620704	39.460893
483	420070.6	1316329.7	52.62079	39.461053
484	420082.73	1316324.37	52.620899	39.460976
485	420085.64	1316343.77	52.620923	39.461263
486	420065.26	1316371.43	52.620737	39.461668
487	420055.08	1316398.11	52.620642	39.46206
488	420058.47	1316415.09	52.62067	39.462311
489	420069.14	1316428.19	52.620765	39.462506
490	420070.36	1316443.47	52.620774	39.462732
491	420057.87	1316473.79	52.620658	39.463177
492	420045.86	1316493.68	52.620547	39.463469
493	420031.3	1316509.21	52.620415	39.463695
494	420023.81	1316515.18	52.620347	39.463782
495	420007.95	1316511.27	52.620205	39.463721
496	420003.42	1316529.88	52.620162	39.463995
497	419991.96	1316555.72	52.620055	39.464374
498	419983.63	1316570.91	52.619979	39.464596
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500	419952.73	1316594.62	52.619698	39.46494
501	419933.74	1316597.55	52.619527	39.46498
502	419913.85	1316603.78	52.619348	39.465068
503	419897.23	1316615.82	52.619197	39.465242
504	419879.69	1316626.87	52.619038	39.465402
505	419858.42	1316658.66	52.618843	39.465867
506	419858.42	1316680.81	52.61884	39.466194
507	419851.94	1316701.74	52.61878	39.466501
508	419833.02	1316713.69	52.618608	39.466674
509	419809.15	1316720.02	52.618393	39.466763
510	419793.59	1316726.15	52.618252	39.46685
511	419786.61	1316740.11	52.618188	39.467055
512	419786.14	1316751.86	52.618182	39.467228
513	419788.6	1316762.69	52.618203	39.467388
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515	419772.64	1316791.16	52.618056	39.467805
516	419757.36	1316799.05	52.617918	39.467919
517	419741.46	1316805.79	52.617774	39.468015
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519	419718.97	1316825.89	52.61757	39.468307
520	419710.39	1316841.14	52.617491	39.468531
521	419706.04	1316860.47	52.617449	39.468815
522	419696.26	1316885.4	52.617358	39.469181
523	419688.43	1316897.15	52.617286	39.469353
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526	419652.85	1316932.55	52.616962	39.469869
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528	419614.54	1316923.6	52.616619	39.469729
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535	419531.68	1316963	52.61587	39.470294
536	419517.55	1316965.93	52.615743	39.470334
537	419504.13	1316965.08	52.615622	39.470319
538	419488.98	1316969.37	52.615485	39.470379
539	419481.05	1316972.86	52.615414	39.470429
540	419469.18	1316978.2	52.615306	39.470505
541	419460.33	1316989.92	52.615225	39.470677
542	419451.22	1316999.03	52.615143	39.470809
543	419438.63	1317007.34	52.615028	39.470929
544	419429.86	1317012.95	52.614949	39.47101
545	419418.8	1317019.09	52.614849	39.471099
546	419407.72	1317022.05	52.614749	39.47114
547	419400.54	1317023.53	52.614684	39.471161
548	419391.58	1317023.53	52.614604	39.471159
549	419382.05	1317021.52	52.614518	39.471127
550	419372.13	1317015.07	52.61443	39.47103
551	419365.17	1317009.32	52.614368	39.470944
552	419357.74	1317006.3	52.614302	39.470898
553	419348.26	1317005.84	52.614217	39.470889
554	419338.86	1317010.42	52.614132	39.470955
555	419333.19	1317019.64	52.614079	39.47109
556	419328.18	1317026.65	52.614034	39.471192
557	419320.11	1317031.45	52.613961	39.471261
558	419311.45	1317034.17	52.613882	39.4713
559	419291.91	1317038.52	52.613706	39.47136
560	419276.72	1317037.78	52.61357	39.471346
561	419261.33	1317036.8	52.613432	39.471328
562	419248.63	1317033.63	52.613318	39.471279
563	419237.86	1317031.24	52.613222	39.471242
564	419226.74	1317031.47	52.613122	39.471243
565	419212.28	1317035.74	52.612991	39.471303
566	419197.64	1317047.02	52.612858	39.471466
567	419189.42	1317053.06	52.612784	39.471554
568	419183.09	1317058.68	52.612726	39.471635
569	419180.1	1317065.82	52.612698	39.47174
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573	419183.27	1317108.62	52.612721	39.472373
574	419181.07	1317122.31	52.6127	39.472574
575	419176.67	1317137.23	52.612659	39.472794
576	419171.3	1317150.65	52.612609	39.472991
577	419168.04	1317157.42	52.612579	39.47309
578	419159.16	1317165.55	52.612498	39.473208
579	419145.78	1317172.6	52.612377	39.473309
580	419133.76	1317181.8	52.612268	39.473443
581	419130.87	1317190.94	52.612241	39.473577
582	419123.02	1317198.79	52.612169	39.473691
583	419114.99	1317197.78	52.612097	39.473675
584	419109.08	1317199.97	52.612044	39.473706
585	419104.51	1317208.4	52.612002	39.47383
586	419095.49	1317212.91	52.61192	39.473894
587	419085.35	1317218.8	52.611828	39.473979
588	419081.06	1317226.49	52.611789	39.474092
589	419081.72	1317234.22	52.611794	39.474206
590	419088.81	1317240.62	52.611856	39.474302
591	419094.07	1317243.25	52.611903	39.474342
592	419094.88	1317251.69	52.61191	39.474467
593	419092.01	1317257.43	52.611883	39.474551
594	419093.54	1317263.52	52.611896	39.474641
595	419099.17	1317268.9	52.611946	39.474721
596	419100.47	1317279.09	52.611956	39.474872
597	419096.36	1317287.07	52.611919	39.474989
598	419091.2	1317292.23	52.611872	39.475064
599	419090.73	1317301.57	52.611866	39.475202
600	419089.22	1317310.91	52.611851	39.47534
601	419082.17	1317318.97	52.611787	39.475457
602	419072.51	1317327.45	52.611699	39.47558
603	419061.44	1317333.96	52.611599	39.475674
604	419055.16	1317341.62	52.611542	39.475786
605	419053.62	1317347.58	52.611527	39.475874
606	419058.39	1317359.03	52.611569	39.476044
607	419059.87	1317374.06	52.61158	39.476266
608	419059.63	1317387.21	52.611576	39.47646
609	419059.63	1317402.35	52.611574	39.476683
610	419059.87	1317410.89	52.611575	39.476809
611	419059.01	1317419.41	52.611567	39.476935
612	419057.03	1317427.44	52.611548	39.477053
613	419053.89	1317435.22	52.611519	39.477167
614	419039.86	1317450.62	52.611391	39.477392
615	419030.03	1317453.81	52.611302	39.477437
616	419021.88	1317459.4	52.611228	39.477518

617	419015.38	1317470.95	52.611168	39.477687
618	419008.51	1317477.83	52.611106	39.477787
619	419002.4	1317479.29	52.611051	39.477807
620	418994.87	1317485.68	52.610982	39.4779
621	418992.97	1317493.73	52.610964	39.478018
622	418986.68	1317505.06	52.610906	39.478184
623	418979.62	1317508.84	52.610842	39.478239
624	418974.74	1317511.72	52.610798	39.47828
625	418972.86	1317522.79	52.61078	39.478443
626	418968.73	1317530.53	52.610742	39.478557
627	418960.5	1317534.77	52.610667	39.478618
628	418955.13	1317538.74	52.610618	39.478675
629	418947.74	1317549	52.610551	39.478825
630	418941.3	1317561.85	52.610491	39.479013
631	418939.48	1317569.74	52.610474	39.47913
632	418925.07	1317608.99	52.61034	39.479706
633	417710.54	1318716.13	52.599289	39.495796
634	417714.01	1318715.06	52.59932	39.495781
635	417717.4	1318713	52.599351	39.495751
636	417724.52	1318710.62	52.599415	39.495717
637	417728.68	1318712.33	52.599452	39.495743
638	417733.63	1318717.78	52.599496	39.495825
639	417737.33	1318723.94	52.599528	39.495916
640	417740.01	1318735.39	52.599551	39.496086
641	417743.58	1318746.12	52.599582	39.496245
642	417751.31	1318750.57	52.59965	39.496312
643	417759.04	1318749.63	52.59972	39.4963
644	417765.64	1318744.21	52.59978	39.496221
645	417769.92	1318733.26	52.59982	39.496061
646	417768.97	1318719.87	52.599813	39.495863
647	417763.95	1318710.79	52.599769	39.495728
648	417755.96	1318701.84	52.599698	39.495594
649	417747.65	1318690.83	52.599625	39.49543
650	417745.44	1318681.98	52.599606	39.495299
651	417744.22	1318668.62	52.599597	39.495102
652	417742.27	1318657.4	52.599581	39.494936
653	417744.48	1318645.39	52.599602	39.494759
654	417748.64	1318635.36	52.599641	39.494612
655	417753.51	1318628.16	52.599686	39.494506
656	417759.39	1318619.84	52.59974	39.494385
657	417765.73	1318615.45	52.599797	39.494321
658	417770.21	1318611.09	52.599838	39.494258
659	417776.65	1318606.11	52.599896	39.494186
660	417784.13	1318600.16	52.599964	39.4941
661	417790.27	1318592.86	52.60002	39.493993
662	417796.04	1318583	52.600074	39.493849

663	417797.73	1318576.24	52.60009	39.493749
664	417800.92	1318569.14	52.600119	39.493645
665	417805.81	1318565.86	52.600163	39.493598
666	417811.69	1318567.44	52.600216	39.493622
667	417815.83	1318569.68	52.600253	39.493656
668	417824.21	1318573.75	52.600328	39.493718
669	417830.34	1318573.51	52.600383	39.493716
670	417838.71	1318570.88	52.600458	39.493679
671	417844.02	1318567.26	52.600507	39.493626
672	417850.99	1318564.02	52.60057	39.49358
673	417856.36	1318565.3	52.600618	39.4936
674	417860.42	1318569.37	52.600654	39.493661
675	417861.91	1318576.06	52.600666	39.49376
676	417862.63	1318581.84	52.600672	39.493845
677	417866.23	1318590.24	52.600703	39.49397
678	417874.43	1318603.02	52.600775	39.49416
679	417879.21	1318607.63	52.600818	39.494229
680	417883.48	1318609.4	52.600856	39.494256
681	417888.05	1318610.75	52.600897	39.494277
682	417893.52	1318611.1	52.600946	39.494284
683	417899.38	1318610.15	52.600999	39.494271
684	417906.73	1318607.62	52.601065	39.494235
685	417911.78	1318605.65	52.601111	39.494207
686	417917.56	1318605.65	52.601163	39.494208
687	417921.03	1318607.7	52.601193	39.494239
688	417923.67	1318611.43	52.601217	39.494295
689	417928.6	1318613.26	52.601261	39.494323
690	417932.48	1318611.89	52.601296	39.494303
691	417936.17	1318608.2	52.601329	39.49425
692	417937.88	1318606.56	52.601345	39.494226
693	417935.75	1318603.92	52.601326	39.494186
694	417937.69	1318598.58	52.601344	39.494108
695	417942.78	1318594.21	52.601391	39.494045
696	417953.21	1318589.36	52.601485	39.493975
697	417960.73	1318580.87	52.601554	39.493851
698	417961.94	1318571.65	52.601566	39.493716
699	417960.97	1318565.35	52.601558	39.493622
700	417960.97	1318558.07	52.601559	39.493515
701	417961.46	1318549.58	52.601564	39.49339
702	417960	1318539.63	52.601552	39.493243
703	417960.73	1318533.57	52.601559	39.493153
704	417963.88	1318529.93	52.601588	39.4931
705	417973.83	1318527.26	52.601678	39.493063
706	417982.08	1318525.81	52.601752	39.493043
707	417991.3	1318526.53	52.601835	39.493056
708	417998.57	1318527.99	52.6019	39.493079

709	418009	1318531.87	52.601993	39.493138
710	418017.25	1318535.02	52.602067	39.493187
711	418027.26	1318548.37	52.602155	39.493386
712	418034.78	1318562.44	52.602221	39.493595
713	418047.45	1318576.26	52.602333	39.493801
714	418056.67	1318580.39	52.602416	39.493864
715	418067.34	1318581.84	52.602511	39.493888
716	418077.53	1318583.54	52.602603	39.493915
717	418089.17	1318587.42	52.602707	39.493975
718	418100.82	1318589.6	52.602811	39.494009
719	418116.34	1318588.88	52.602951	39.494002
720	418123.54	1318590.01	52.603015	39.49402
721	418128.77	1318589.93	52.603062	39.49402
722	418137.19	1318591.08	52.603138	39.494039
723	418144.51	1318595.14	52.603203	39.4941
724	418151.71	1318598.35	52.603267	39.494149
725	418160.11	1318599.65	52.603343	39.49417
726	418166.41	1318598.37	52.603399	39.494152
727	418171.92	1318595.01	52.603449	39.494104
728	418179.73	1318586.01	52.603521	39.493973
729	418184.24	1318574.63	52.603563	39.493806
730	418186.16	1318555.15	52.603582	39.493518
731	418185.92	1318535.93	52.603583	39.493235
732	418188.66	1318523.47	52.603609	39.493051
733	418197.73	1318513.64	52.603691	39.492908
734	418207.1	1318511.11	52.603776	39.492873
735	418220.94	1318512.1	52.6039	39.49289
736	418232.48	1318515.78	52.604003	39.492947
737	418245.3	1318521.2	52.604118	39.49303
738	418253.7	1318521.92	52.604193	39.493042
739	418261.57	1318523.4	52.604264	39.493066
740	418268.67	1318525.92	52.604327	39.493104
741	418272.84	1318522.36	52.604365	39.493052
742	418279.76	1318516.88	52.604428	39.492973
743	418286.13	1318505.78	52.604487	39.492811
744	418287.55	1318493.46	52.604501	39.492629
745	418285.83	1318479.7	52.604487	39.492426
746	418289.27	1318473.1	52.604519	39.492329
747	418301.52	1318468.25	52.60463	39.49226
748	418308.67	1318465.39	52.604694	39.492219
749	418314.52	1318460.71	52.604747	39.492151
750	418320.21	1318451.7	52.6048	39.492019
751	418324.33	1318440.06	52.604838	39.491849
752	418330.06	1318430.84	52.604891	39.491714
753	418336.57	1318426.58	52.60495	39.491652
754	418346.34	1318421.45	52.605038	39.491578

755	418358.18	1318416.38	52.605145	39.491506
756	418367.12	1318410.34	52.605226	39.491419
757	418380.57	1318402.76	52.605348	39.49131
758	418390.33	1318399.76	52.605436	39.491267
759	418403.26	1318401.99	52.605552	39.491303
760	418414.48	1318406.81	52.605652	39.491376
761	418417.68	1318399.27	52.605682	39.491266
762	418437.81	1318381.45	52.605865	39.491007
763	418447.27	1318382.17	52.60595	39.49102
764	418455.03	1318389.57	52.606019	39.49113
765	418474.2	1318412.25	52.606188	39.491469
766	418475.77	1318420.26	52.606201	39.491588
767	418471.65	1318430.57	52.606163	39.491739
768	418458.67	1318443.91	52.606045	39.491933
769	418454.31	1318448.88	52.606005	39.492006
770	418456.63	1318451.15	52.606026	39.49204
771	418469.59	1318436.99	52.606144	39.491833
772	418481.75	1318428.93	52.606254	39.491717
773	418482.32	1318418.8	52.60626	39.491567
774	418477.96	1318408.86	52.606222	39.49142
775	418458.07	1318382.78	52.606047	39.491031
776	418457.46	1318377.69	52.606042	39.490956
777	418476.38	1318355.13	52.606215	39.490626
778	418485.36	1318334.87	52.606298	39.490329
779	418489.51	1318311.52	52.606338	39.489986
780	418501.15	1318284.36	52.606446	39.489587
781	418519.59	1318258.16	52.606615	39.489204
782	418542.88	1318242.63	52.606827	39.48898
783	418561.31	1318226.14	52.606994	39.48874
784	418576.84	1318221.29	52.607134	39.488672
785	418588.57	1318222.44	52.60724	39.488691
786	418596.82	1318226.44	52.607313	39.488752
787	418607.73	1318236.63	52.60741	39.488905
788	418615.86	1318248.76	52.607482	39.489085
789	418627.14	1318266.59	52.607581	39.489351
790	418634.3	1318275.32	52.607644	39.489481
791	418638.78	1318275.44	52.607684	39.489484
792	418645.33	1318269.62	52.607744	39.489399
793	418654.07	1318261.98	52.607823	39.489288
794	418659.77	1318245.85	52.607877	39.489051
795	418665.1	1318242.69	52.607925	39.489006
796	418673.96	1318231.41	52.608006	39.488841
797	418685.36	1318214.31	52.60811	39.488591
798	418689.39	1318194.12	52.608149	39.488294
799	418686.48	1318162.1	52.608127	39.487821
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803	418698.12	1318009.76	52.608251	39.485575
804	418712.68	1317981.62	52.608385	39.485162
805	418729.17	1317942.81	52.608538	39.484593
806	418738.06	1317927.77	52.60862	39.484373
807	418748.58	1317913.7	52.608716	39.484167
808	418758.98	1317898.85	52.608811	39.48395
809	418764.1	1317878.77	52.60886	39.483655
810	418767.77	1317863.61	52.608895	39.483432
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812	418777.23	1317830.84	52.608984	39.48295
813	418788.63	1317819.59	52.609088	39.482786
814	418806.52	1317808.61	52.60925	39.482628
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818	418879.77	1317718.31	52.609919	39.48131
819	418888.06	1317689.57	52.609997	39.480888
820	418892.6	1317673.5	52.61004	39.480651
821	418890.51	1317671.56	52.610021	39.480622
822	418890.35	1317666.73	52.610021	39.480551
823	418892.53	1317662	52.610041	39.480482
824	418894.39	1317662.41	52.610057	39.480488
825	418896.77	1317658.75	52.610079	39.480435
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827	418900.31	1317664.51	52.61011	39.48052
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831	418892.01	1317691.51	52.610032	39.480917
832	418888.72	1317707.97	52.610001	39.481159
833	418882.43	1317726.07	52.609942	39.481425
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838	418813.59	1317811.82	52.609313	39.482677
839	418788.36	1317829.29	52.609084	39.48293
840	418780.99	1317840.08	52.609016	39.483087
841	418777.69	1317853.55	52.608985	39.483285
842	418779.84	1317872.16	52.609002	39.483561
843	418777.9	1317897.03	52.608981	39.483927
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845	418764.92	1317922.26	52.608862	39.484297
846	418755.95	1317930.87	52.60878	39.484422

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850	418709.77	1318019.47	52.608354	39.48572
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852	418694.24	1318063.13	52.608209	39.486362
853	418691.85	1318094.16	52.608184	39.486819
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855	418711.56	1318139.24	52.608355	39.487489
856	418721.26	1318162.89	52.608439	39.48784
857	418726.23	1318188.24	52.608481	39.488215
858	418727.81	1318201.09	52.608493	39.488405
859	418730.35	1318218.32	52.608514	39.48866
860	418727.44	1318233.23	52.608486	39.488879
861	418716.53	1318246.33	52.608386	39.48907
862	418710.34	1318256.4	52.60833	39.489217
863	418700.64	1318266.83	52.608241	39.489369
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865	418679.05	1318280.05	52.608045	39.48956
866	418670.56	1318292.91	52.607968	39.489748
867	418660.74	1318301.76	52.607878	39.489877
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870	418624.96	1318307.7	52.607556	39.489957
871	418614.53	1318299.94	52.607463	39.48984
872	418608.86	1318287.27	52.607414	39.489652
873	418600.12	1318265.92	52.607338	39.489335
874	418589.45	1318253.31	52.607244	39.489147
875	418583.72	1318248.76	52.607193	39.489079
876	418574.85	1318246.76	52.607113	39.489047
877	418565.16	1318252.88	52.607026	39.489136
878	418549.67	1318264.95	52.606885	39.489311
879	418524.44	1318288.24	52.606655	39.489649
880	418513.98	1318318.5	52.606557	39.490094
881	418509.12	1318328.48	52.606513	39.49024
882	418507.95	1318345.48	52.6065	39.490491
883	418514.59	1318352.46	52.606559	39.490595
884	418513.13	1318368.47	52.606544	39.490831
885	418506.69	1318382.37	52.606484	39.491035
886	418507.19	1318396.85	52.606487	39.491249
887	418516.89	1318412.01	52.606572	39.491474
888	418521.86	1318419.53	52.606616	39.491586
889	418520.41	1318431.78	52.606601	39.491767
890	418511.43	1318449.85	52.606518	39.492032
891	418503.79	1318460.4	52.606448	39.492186
892	418487.9	1318470.35	52.606304	39.492329

893	418474.08	1318476.53	52.606179	39.492418
894	418469.59	1318475.81	52.606139	39.492406
895	418458.19	1318464.65	52.606038	39.492239
896	418452.37	1318458.46	52.605986	39.492147
897	418443.15	1318450.34	52.605905	39.492025
898	418414.04	1318421.11	52.605647	39.491587
899	418411.77	1318413.2	52.605627	39.49147
900	418413.71	1318408.64	52.605645	39.491403
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902	418390.45	1318401.58	52.605437	39.491294
903	418381.28	1318404.4	52.605354	39.491334
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907	418337.47	1318428.12	52.604958	39.491675
908	418331.37	1318432.11	52.604902	39.491733
909	418325.94	1318440.84	52.604853	39.49186
910	418321.82	1318452.49	52.604814	39.492031
911	418315.86	1318461.91	52.604759	39.492169
912	418309.58	1318466.94	52.604702	39.492242
913	418302.18	1318469.9	52.604635	39.492284
914	418290.54	1318474.51	52.60453	39.49235
915	418287.67	1318480.03	52.604504	39.492431
916	418289.34	1318493.45	52.604517	39.492629
917	418287.86	1318506.35	52.604502	39.492819
918	418281.13	1318518.06	52.60444	39.492991
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926	418325.78	1318549.45	52.604837	39.493463
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928	418338.04	1318549.48	52.604948	39.493466
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1203	417304.66	1319197.62	52.595581	39.502816
1204	417302.66	1319190.27	52.595564	39.502707
1205	417303.39	1319179.79	52.595572	39.502553
1206	417303.17	1319178.37	52.59557	39.502532
1207	417385.8	1319794.2	52.596234	39.511636
1208	417385.14	1319781.26	52.596229	39.511445
1209	417390.88	1319772.35	52.596282	39.511314
1210	417397.33	1319763.52	52.596341	39.511185
1211	417399.44	1319755.38	52.596361	39.511066
1212	417396.58	1319746.92	52.596337	39.51094
1213	417383.36	1319731.22	52.59622	39.510706
1214	417360.74	1319723.59	52.596018	39.510588

1215	417344.99	1319720.32	52.595876	39.510537
1216	417324.93	1319714.09	52.595697	39.510441
1217	417314.73	1319710.42	52.595606	39.510384
1218	417300.12	1319703.48	52.595475	39.510279
1219	417286.95	1319691.43	52.595359	39.510098
1220	417278.46	1319685.34	52.595283	39.510007
1221	417268.43	1319671.34	52.595195	39.509798
1222	417261.77	1319659.67	52.595137	39.509625
1223	417257.24	1319642.25	52.595098	39.509367
1224	417266.8	1319641.62	52.595184	39.509359
1225	417271.55	1319640.74	52.595227	39.509347
1226	417279.54	1319631.66	52.5953	39.509215
1227	417282.71	1319619.71	52.59533	39.509039
1228	417284.28	1319607.41	52.595345	39.508858
1229	417281.97	1319605.86	52.595325	39.508835
1230	417267.94	1319602.28	52.595199	39.508779
1231	417267.1	1319596.04	52.595193	39.508687
1232	417270.27	1319591.44	52.595222	39.50862
1233	417275.38	1319588.27	52.595268	39.508574
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1235	417284.9	1319572.8	52.595355	39.508348
1236	417285.35	1319566.66	52.59536	39.508257
1237	417285.18	1319559.17	52.59536	39.508147
1238	417285.08	1319546.27	52.59536	39.507956
1239	417287.87	1319533.31	52.595387	39.507766
1240	417288.29	1319521.86	52.595392	39.507597
1241	417286.18	1319513.29	52.595375	39.50747
1242	417280.94	1319506.44	52.595328	39.507368
1243	417271.96	1319498.79	52.595249	39.507253
1244	417265.44	1319484.67	52.595192	39.507043
1245	417259.23	1319459.86	52.595139	39.506676
1246	417262.7	1319452.73	52.595171	39.506571
1247	417270.47	1319447.02	52.595242	39.506489
1248	417273.83	1319434.82	52.595274	39.506309
1249	417275.24	1319402.86	52.59529	39.505838
1250	417283.7	1319401.68	52.595366	39.505823
1251	417284.86	1319399.25	52.595377	39.505787
1252	417287.91	1319397.77	52.595405	39.505766
1253	417287.76	1319391.53	52.595404	39.505674
1254	417286.87	1319379.29	52.595398	39.505493
1255	417289.93	1319364.11	52.595427	39.505269
1256	417291.65	1319364.46	52.595443	39.505275
1257	417288.64	1319379.4	52.595414	39.505495
1258	417289.52	1319391.45	52.59542	39.505673
1259	417289.68	1319398	52.595421	39.505769
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1261	417292.97	1319400.89	52.59545	39.505813
1262	417292.07	1319404.4	52.595441	39.505864
1263	417289.4	1319405.94	52.595417	39.505887
1264	417285.42	1319405.2	52.595381	39.505875
1265	417284.38	1319403.36	52.595372	39.505847
1266	417276.93	1319404.4	52.595305	39.505861
1267	417275.58	1319435.1	52.595289	39.506314
1268	417272.01	1319448.08	52.595256	39.506505
1269	417264.09	1319453.89	52.595184	39.506589
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1271	417267.11	1319484.08	52.595207	39.507035
1272	417273.39	1319497.7	52.595262	39.507237
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1275	417290.06	1319521.68	52.595408	39.507594
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1278	417286.94	1319559.14	52.595376	39.508147
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1281	417283.05	1319580.3	52.595338	39.508458
1282	417276.62	1319589.57	52.595279	39.508593
1283	417271.52	1319592.74	52.595233	39.508639
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1291	417275.67	1319650.74	52.595263	39.509496
1292	417281.05	1319661.15	52.59531	39.50965
1293	417287.86	1319671.39	52.595369	39.509803
1294	417298.31	1319681.89	52.595462	39.50996
1295	417308.59	1319691.12	52.595553	39.510098
1296	417324.71	1319698.68	52.595697	39.510213
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1298	417344.93	1319693.3	52.595879	39.510138
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1303	417414.28	1319720.61	52.596499	39.510556
1304	417417.48	1319734.07	52.596526	39.510755
1305	417415.13	1319747.29	52.596503	39.51095
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1311	417400.31	1319822.65	52.59636	39.512058
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1313	417407.4	1319828.82	52.596423	39.512151
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1315	417415.76	1319832.57	52.596498	39.512208
1316	417419.6	1319838.08	52.596532	39.51229
1317	417420.38	1319845.46	52.596538	39.512399
1318	417418.74	1319851.33	52.596522	39.512485
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1342	417389.34	1320034.6	52.596235	39.515183
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1357	417451.63	1320093.97	52.596787	39.516073
1358	417420.75	1320084.35	52.59651	39.515924
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1387	417417.9	1319838.72	52.596516	39.512299
1388	417414.62	1319834	52.596488	39.512229
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1515	417909.54	1320918.93	52.600794	39.528343
1516	417914.4	1320915.21	52.600838	39.528289
1517	417913.82	1320905.88	52.600834	39.528151
1518	417908.02	1320894.87	52.600784	39.527988
1519	417894.75	1320893.85	52.600665	39.52797
1520	417879.91	1320906.8	52.60053	39.528158
1521	417864.2	1320918.72	52.600387	39.52833
1522	417848.41	1320918.95	52.600245	39.52833
1523	417835.57	1320911.35	52.600131	39.528215
1524	417827.34	1320907.41	52.600057	39.528156
1525	417816.87	1320896.28	52.599965	39.527989
1526	417807.77	1320870.19	52.599886	39.527602
1527	417804.75	1320847.51	52.599862	39.527267
1528	417802.28	1320830.06	52.599842	39.527009
1529	417805.8	1320821.43	52.599875	39.526882
1530	417807.39	1320815.1	52.59989	39.526789
1531	417809.01	1320808.12	52.599905	39.526686
1532	417811.33	1320802.06	52.599927	39.526597
1533	417811.07	1320795.73	52.599926	39.526504
1534	417809.41	1320790.81	52.599911	39.526431
1535	417807.94	1320780.41	52.599899	39.526277
1536	417811.89	1320769.25	52.599936	39.526113

1537	417817.2	1320760.05	52.599985	39.525979
1538	417817.41	1320747.62	52.599989	39.525795
1539	417819.43	1320741.53	52.600008	39.525706
1540	417827.35	1320739.76	52.600079	39.525682
1541	417833.58	1320733.77	52.600136	39.525595
1542	417835.69	1320725.24	52.600156	39.525469
1543	417834.15	1320713.38	52.600144	39.525294
1544	417829.12	1320706.09	52.600099	39.525185
1545	417810.3	1320698.7	52.599931	39.525072
1546	417797.76	1320695.56	52.599819	39.525023
1547	417764.4	1320684.55	52.599521	39.524853
1548	417738.39	1320659.95	52.59929	39.524485
1549	417717.62	1320630.77	52.599107	39.52405
1550	417712.15	1320631.06	52.599058	39.524053
1551	417709.36	1320629.46	52.599033	39.524029
1552	417698.5	1320625.44	52.598936	39.523967
1553	417681.79	1320610.26	52.598788	39.52374
1554	417672.62	1320589.58	52.598708	39.523433
1555	417669	1320569.45	52.598678	39.523135
1556	417667.5	1320563.43	52.598666	39.523046
1557	417809.65	1321262.91	52.599852	39.533398
1558	417820.48	1321236.63	52.599953	39.533012
1559	417826.45	1321221.31	52.600008	39.532787
1560	417833.76	1321205.87	52.600076	39.532561
1561	417836.9	1321190.88	52.600106	39.532341
1562	417835.17	1321188.6	52.600091	39.532307
1563	417832.55	1321187.93	52.600067	39.532296
1564	417791.02	1321186.97	52.599694	39.532273
1565	417784.96	1321186.21	52.59964	39.53226
1566	417773.78	1321188.08	52.599539	39.532286
1567	417767.35	1321192.7	52.599481	39.532352
1568	417759.34	1321200.36	52.599408	39.532464
1569	417767.52	1321203.31	52.599481	39.532509
1570	417775.39	1321195.64	52.599553	39.532398
1571	417782.92	1321192.46	52.599621	39.532352
1572	417788.66	1321189.61	52.599673	39.532311
1573	417804.91	1321189.52	52.599819	39.532314
1574	417817.2	1321190.14	52.599929	39.532325
1575	417832.47	1321190.4	52.600066	39.532333
1576	417831.71	1321203.99	52.600058	39.532533
1577	417830.57	1321207.58	52.600047	39.532586
1578	417824.62	1321220.23	52.599992	39.532771
1579	417818.1	1321235.49	52.599931	39.532995
1580	417807.1	1321261.99	52.599829	39.533383
1581	417786.44	1321401.92	52.599625	39.535444
1582	417785	1321384.22	52.599615	39.535182

1583	417783.47	1321355.19	52.599605	39.534754
1584	417768.57	1321348.37	52.599472	39.53465
1585	417758.52	1321328.03	52.599384	39.534348
1586	417749.91	1321313.56	52.599308	39.534132
1587	417728.11	1321284.85	52.599116	39.533704
1588	417722.59	1321281.92	52.599067	39.533659
1589	417723.1	1321274.02	52.599073	39.533543
1590	417724.07	1321267.19	52.599082	39.533442
1591	417731.04	1321245.28	52.599148	39.533121
1592	417736.71	1321234.21	52.5992	39.532958
1593	417749.64	1321213.36	52.599319	39.532654
1594	417751.18	1321215.32	52.599333	39.532683
1595	417738.17	1321235.52	52.599213	39.532978
1596	417732.88	1321246.46	52.599164	39.533138
1597	417726.02	1321267.8	52.5991	39.533452
1598	417725.1	1321275.02	52.599091	39.533558
1599	417725.1	1321281.1	52.59909	39.533648
1600	417728.66	1321282.99	52.599122	39.533676
1601	417750.86	1321312.97	52.599317	39.534124
1602	417759.44	1321327.3	52.599392	39.534337
1603	417769.41	1321347.22	52.599479	39.534633
1604	417783.38	1321353.32	52.599604	39.534726
1605	417781.81	1321323.48	52.599594	39.534285
1606	417789.69	1321307.41	52.599667	39.53405
1607	417791.1	1321308.33	52.599679	39.534064
1608	417783.54	1321323.63	52.599609	39.534288
1609	417785.12	1321364.37	52.599618	39.534889
1610	417786.3	1321384.3	52.599626	39.535184
1611	417787.89	1321401.8	52.599638	39.535442
1612	419035.93	1324760.86	52.610401	39.58529
1613	419037.3	1324750.25	52.610415	39.585134
1614	419041.2	1324736.09	52.610452	39.584926
1615	419050.69	1324720.64	52.610539	39.5847
1616	419063.66	1324698.13	52.610659	39.58437
1617	419070.27	1324682.35	52.61072	39.584139
1618	419070.84	1324669.23	52.610727	39.583946
1619	419071.06	1324647.25	52.610732	39.583621
1620	419073.36	1324622.32	52.610756	39.583254
1621	419071.72	1324597.88	52.610745	39.582893
1622	419065.34	1324574.99	52.610691	39.582553
1623	419053.97	1324542.54	52.610593	39.582072
1624	419051.8	1324536.89	52.610574	39.581988
1625	419049.92	1324531.54	52.610558	39.581909
1626	419043.98	1324520.82	52.610506	39.581749
1627	419040.34	1324515.58	52.610474	39.581671
1628	419035.88	1324508.63	52.610435	39.581567

1629	419027.99	1324500.07	52.610365	39.581439
1630	419017.92	1324490.04	52.610276	39.581289
1631	418992.77	1324461.6	52.610054	39.580863
1632	418987.92	1324456.51	52.610011	39.580787
1633	418983.33	1324454.02	52.60997	39.580749
1634	418983.72	1324447	52.609975	39.580646
1635	418988.07	1324441.69	52.610015	39.580569
1636	418992.71	1324438.92	52.610057	39.580529
1637	418997.46	1324435.98	52.6101	39.580486
1638	418999.89	1324432.68	52.610122	39.580438
1639	419011.3	1324415.15	52.610227	39.580182
1640	419022.56	1324394.8	52.610331	39.579884
1641	419027.27	1324381.7	52.610375	39.579692
1642	419026.58	1324361.93	52.610372	39.5794
1643	419023.62	1324344.65	52.610347	39.579144
1644	419018.12	1324316.85	52.610302	39.578733
1645	419008.05	1324295.08	52.610214	39.578409
1646	418999.31	1324262.64	52.61014	39.577928
1647	418994.87	1324236.41	52.610104	39.57754
1648	418994.07	1324215.05	52.6101	39.577225
1649	418996.77	1324199.68	52.610126	39.576999
1650	419002.6	1324181.72	52.610181	39.576735
1651	419006.67	1324162.43	52.61022	39.576451
1652	419006.17	1324150.76	52.610217	39.576279
1653	419002.4	1324137.15	52.610185	39.576077
1654	418996.81	1324118.65	52.610137	39.575803
1655	418990.48	1324111.16	52.610081	39.575691
1656	418976.68	1324105.41	52.609958	39.575603
1657	418963.98	1324103.77	52.609844	39.575576
1658	418951.95	1324104.67	52.609736	39.575586
1659	418934.88	1324108.19	52.609582	39.575634
1660	418916.24	1324112.2	52.609414	39.575689
1661	418870.87	1324114.88	52.609006	39.575719
1662	418847.36	1324116.58	52.608795	39.575739
1663	418833.56	1324110.44	52.608672	39.575645
1664	418820.73	1324100.82	52.608558	39.5755
1665	418800.2	1324069.03	52.608378	39.575026
1666	418784.25	1324044.01	52.608238	39.574653
1667	418776.17	1324023.24	52.608168	39.574345
1668	418775.31	1324010.94	52.608162	39.574163
1669	418776.78	1324000.82	52.608176	39.574014
1670	418773.31	1323993.73	52.608146	39.573909
1671	418767.47	1323990.48	52.608094	39.57386
1672	418761.33	1323987.71	52.608039	39.573817
1673	418757.21	1323982.45	52.608003	39.573739
1674	418754.8	1323975.1	52.607982	39.57363

1675	418747.67	1323965.04	52.60792	39.57348
1676	418738.75	1323957.07	52.607841	39.57336
1677	418720.79	1323927.31	52.607683	39.572917
1678	418706.3	1323912.16	52.607555	39.57269
1679	418688.72	1323892.64	52.6074	39.572398
1680	418669.94	1323876.91	52.607233	39.572162
1681	418661.62	1323866.23	52.60716	39.572002
1682	418660	1323858.71	52.607146	39.571891
1683	418660.21	1323852.01	52.607149	39.571792
1684	418659.19	1323815.5	52.607145	39.571253
1685	418659.17	1323782.45	52.607149	39.570765
1686	418662.08	1323765.33	52.607178	39.570513
1687	418662.43	1323751.82	52.607183	39.570314
1688	418670.19	1323735.81	52.607255	39.570079
1689	418680.15	1323723.35	52.607346	39.569898
1690	418708.23	1323699.21	52.607601	39.569548
1691	418719.93	1323686.32	52.607708	39.56936
1692	418727.17	1323672.55	52.607775	39.569158
1693	418734.32	1323658.14	52.607841	39.568947
1694	418738.49	1323645.52	52.60788	39.568762
1695	418739.03	1323639.32	52.607886	39.568671
1696	418737.57	1323636.88	52.607873	39.568634
1697	418730.22	1323632.7	52.607808	39.568571
1698	418726	1323626.4	52.607771	39.568477
1699	418722.15	1323612.8	52.607738	39.568275
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1701	418709.33	1323574.18	52.607628	39.567703
1702	418707.26	1323563.49	52.607611	39.567544
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1705	418717.75	1323538.62	52.607709	39.56718
1706	418719.67	1323534.5	52.607726	39.567119
1707	418716.74	1323527.35	52.607701	39.567013
1708	418705.47	1323506.97	52.607603	39.56671
1709	418686.39	1323487.59	52.607434	39.56642
1710	418666.33	1323470.35	52.607256	39.566161
1711	418655.33	1323459.68	52.607158	39.566001
1712	418648.4	1323448.11	52.607098	39.565829
1713	418640.13	1323436.7	52.607025	39.565658
1714	418634.31	1323425.31	52.606974	39.565489
1715	418629.89	1323414.79	52.606936	39.565333
1716	418625.6	1323402.81	52.606899	39.565155
1717	418622.36	1323391.89	52.606871	39.564993
1718	418618.57	1323380.52	52.606839	39.564824
1719	418616.37	1323367.74	52.606821	39.564635
1720	418613.52	1323356.35	52.606797	39.564467

1721	418610.59	1323342.3	52.606772	39.564259
1722	418604.23	1323321.44	52.606718	39.563949
1723	418601.05	1323310.21	52.606691	39.563783
1724	418597.03	1323299.08	52.606656	39.563618
1725	418593.68	1323288.67	52.606628	39.563463
1726	418591.37	1323278.17	52.606608	39.563308
1727	418588.31	1323267.46	52.606582	39.563149
1728	418586.99	1323255.78	52.606572	39.562976
1729	418587.39	1323245.64	52.606577	39.562827
1730	418586.5	1323235.41	52.60657	39.562676
1731	418584.6	1323222.08	52.606555	39.562479
1732	418584.13	1323210.32	52.606552	39.562305
1733	418584.43	1323199.07	52.606556	39.562139
1734	418585.24	1323188.32	52.606565	39.56198
1735	418586.97	1323177.49	52.606582	39.561821
1736	418589.19	1323167.05	52.606604	39.561667
1737	418591.3	1323156.32	52.606624	39.56151
1738	418591.29	1323145.88	52.606625	39.561355
1739	418592.18	1323134.43	52.606635	39.561187
1740	418593.28	1323123.3	52.606646	39.561023
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1742	418601.95	1323101.81	52.606727	39.560707
1743	418606.58	1323090.78	52.60677	39.560546
1744	418610.22	1323078.21	52.606804	39.560361
1745	418614.54	1323067.85	52.606845	39.560209
1746	418617.38	1323055.59	52.606872	39.560029
1747	418618.37	1323044.23	52.606882	39.559861
1748	418618.94	1323033.46	52.606889	39.559702
1749	418620.27	1323020.51	52.606902	39.559512
1750	418621.24	1323010.24	52.606913	39.55936
1751	418621.18	1322997.8	52.606914	39.559177
1752	418620.81	1322984.72	52.606912	39.558983
1753	418621.05	1322974.38	52.606916	39.558831
1754	418621.82	1322964.11	52.606924	39.558679
1755	418623.29	1322951.77	52.606939	39.558498
1756	418624.23	1322941.68	52.606949	39.558349
1757	418625.35	1322929.83	52.60696	39.558174
1758	418625.14	1322918.52	52.60696	39.558007
1759	418624.23	1322907.67	52.606953	39.557847
1760	418623.13	1322892.98	52.606945	39.55763
1761	418625.1	1322881.41	52.606964	39.55746
1762	418626.62	1322869.31	52.60698	39.557281
1763	418626.35	1322856.05	52.606979	39.557086
1764	418627.41	1322843.65	52.60699	39.556903
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1766	418629.48	1322818.35	52.607012	39.55653

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1768	418624.49	1322790.15	52.606971	39.556113
1769	418621.87	1322779.3	52.606949	39.555952
1770	418613.84	1322768.23	52.606878	39.555787
1771	418603.89	1322760.46	52.60679	39.55567
1772	418592.38	1322757.77	52.606687	39.555628
1773	418581.54	1322758.12	52.60659	39.555631
1774	418571.27	1322762.71	52.606497	39.555696
1775	418560.99	1322767.82	52.606404	39.555769
1776	418549.48	1322772.32	52.6063	39.555833
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1780	418504.99	1322785.87	52.605898	39.556023
1781	418493.47	1322788.85	52.605794	39.556065
1782	418482.25	1322792.19	52.605693	39.556112
1783	418470.77	1322795.53	52.605589	39.556158
1784	418458.55	1322800.14	52.605479	39.556224
1785	418446.75	1322801.45	52.605373	39.55624
1786	418434.4	1322790.62	52.605263	39.556078
1787	418429.79	1322779.04	52.605223	39.555906
1788	418425.98	1322766.61	52.605191	39.555722
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1790	418417.48	1322742.77	52.605118	39.555368
1791	418413	1322732.16	52.605079	39.55521
1792	418408.32	1322722.19	52.605038	39.555062
1793	418398.76	1322713.38	52.604953	39.55493
1794	418387.72	1322710.76	52.604854	39.554889
1795	418376.9	1322706.88	52.604758	39.554829
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1797	418354.39	1322700.52	52.604556	39.554731
1798	418343.7	1322698.65	52.604461	39.554701
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1802	418300.82	1322694.94	52.604076	39.554637
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1807	418246.87	1322685.29	52.603592	39.554482
1808	418235.35	1322686.17	52.603489	39.554493
1809	418223.68	1322689.05	52.603383	39.554533
1810	418212.88	1322691.43	52.603286	39.554565
1811	418201.47	1322693.67	52.603183	39.554596
1812	418190.66	1322693.66	52.603086	39.554594

1813	418179.02	1322689.98	52.602982	39.554537
1814	418167.67	1322680.12	52.602881	39.554389
1815	418158.77	1322670.16	52.602803	39.55424
1816	418148.61	1322663.09	52.602712	39.554133
1817	418138.04	1322652.78	52.602619	39.553979
1818	418133.26	1322642.46	52.602577	39.553825
1819	418128.69	1322632.23	52.602538	39.553673
1820	418123.78	1322621.65	52.602495	39.553516
1821	418119.03	1322611.62	52.602454	39.553367
1822	418114.22	1322600.89	52.602412	39.553208
1823	418109.66	1322589.85	52.602372	39.553044
1824	418104.32	1322578.03	52.602326	39.552868
1825	418099.59	1322568.02	52.602285	39.55272
1826	418094.07	1322556.89	52.602237	39.552554
1827	418089.98	1322546.45	52.602201	39.552399
1828	418085.46	1322535.38	52.602162	39.552235
1829	418080.48	1322524.39	52.602119	39.552071
1830	418075.22	1322514.17	52.602073	39.55192
1831	418071.16	1322503.47	52.602038	39.551761
1832	418068.17	1322493.32	52.602012	39.55161
1833	418063.49	1322482.07	52.601972	39.551443
1834	418056.24	1322471.13	52.601908	39.55128
1835	418048.61	1322460.3	52.601841	39.551119
1836	418038.23	1322449.58	52.601749	39.550958
1837	418028.34	1322442.89	52.601661	39.550857
1838	418018.03	1322436.65	52.601569	39.550763
1839	418007.03	1322430.75	52.601471	39.550674
1840	417996.25	1322425.91	52.601375	39.5506
1841	417986.12	1322420.78	52.601285	39.550522
1842	417973.69	1322415.57	52.601174	39.550442
1843	417962.61	1322411.21	52.601075	39.550376
1844	417951.82	1322406.51	52.600978	39.550304
1845	417940.04	1322401.33	52.600873	39.550225
1846	417931.63	1322390.55	52.600799	39.550064
1847	417923.09	1322380.41	52.600724	39.549912
1848	417912.28	1322371.53	52.600628	39.549779
1849	417902.42	1322360.89	52.600541	39.54962
1850	417891.99	1322351.98	52.600448	39.549486
1851	417882.35	1322341.73	52.600363	39.549333
1852	417875.31	1322331.17	52.600301	39.549175
1853	417866.62	1322320.82	52.600224	39.549021
1854	417858.86	1322309.56	52.600156	39.548853
1855	417854.21	1322299.45	52.600116	39.548703
1856	417847.6	1322289.28	52.600058	39.548551
1857	417842.8	1322278.61	52.600016	39.548393
1858	417837.65	1322267.13	52.599971	39.548222

1859	417831.91	1322256.28	52.599921	39.548061
1860	417827.78	1322245.87	52.599885	39.547906
1861	417818.43	1322232.54	52.599803	39.547708
1862	417811.12	1322221.76	52.599739	39.547547
1863	417805.34	1322210.81	52.599688	39.547384
1864	417800.73	1322199.65	52.599648	39.547218
1865	417799.04	1322189.37	52.599635	39.547066
1866	417796.95	1322178.93	52.599617	39.546912
1867	417797.43	1322168.23	52.599623	39.546754
1868	417798.02	1322157.09	52.59963	39.54659
1869	417799.54	1322146.78	52.599645	39.546438
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1871	417805.8	1322125.48	52.599704	39.546125
1872	417809.2	1322114.94	52.599736	39.54597
1873	417814.08	1322104.31	52.599781	39.545814
1874	417817.69	1322093.13	52.599815	39.54565
1875	417823.03	1322082.71	52.599864	39.545498
1876	417822.58	1322072.91	52.599862	39.545353
1877	417818.51	1322061.96	52.599826	39.54519
1878	417811.93	1322051.63	52.599769	39.545037
1879	417801.76	1322041.72	52.599679	39.544888
1880	417791.26	1322033.8	52.599585	39.544769
1881	417782.14	1322023.15	52.599505	39.54461
1882	417772.3	1322012.37	52.599418	39.544449
1883	417764.22	1322002.04	52.599347	39.544295
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1887	417756.16	1321956.18	52.59928	39.543616
1888	417759.33	1321950.73	52.599309	39.543536
1889	417772.39	1321944.02	52.599428	39.54344
1890	417780.58	1321939.85	52.599502	39.54338
1891	417786.21	1321934.6	52.599553	39.543304
1892	417790.14	1321927.23	52.599589	39.543196
1893	417791.63	1321921.01	52.599603	39.543105
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1897	417770.89	1321782.14	52.599435	39.541051
1898	417765.48	1321753.77	52.599391	39.540631
1899	417763.12	1321738.67	52.599371	39.540408
1900	417763.75	1321716.81	52.59938	39.540086
1901	417767.72	1321662.96	52.599423	39.539292
1902	417769.76	1321613.22	52.599448	39.538558
1903	417771.44	1321565.04	52.599469	39.537848
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1906	417779.87	1321483.24	52.599555	39.536642
1907	417781.86	1321483.69	52.599573	39.536649
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1909	417771.73	1321595.67	52.599468	39.5383
1910	417770.6	1321632.56	52.599453	39.538844
1911	417770.24	1321656.96	52.599446	39.539204
1912	417768.42	1321689.41	52.599425	39.539682
1913	417765.57	1321727.43	52.599395	39.540243
1914	417765.38	1321736.49	52.599392	39.540376
1915	417766.04	1321743.08	52.599397	39.540474
1916	417768.77	1321756.55	52.59942	39.540673
1917	417777.82	1321800.95	52.599495	39.54133
1918	417782.99	1321834.25	52.599537	39.541823
1919	417787.83	1321867.19	52.599576	39.54231
1920	417793.9	1321902.94	52.599626	39.542839
1921	417795.14	1321911.23	52.599636	39.542961
1922	417794.7	1321919.1	52.599631	39.543077
1923	417793.45	1321925.87	52.599619	39.543177
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1925	417786.19	1321939.17	52.599552	39.543372
1926	417780.87	1321943.86	52.599504	39.54344
1927	417769.39	1321949.83	52.5994	39.543525
1928	417762.42	1321952.91	52.599337	39.543569
1929	417758.2	1321957.18	52.599298	39.543631
1930	417756.42	1321965.31	52.599281	39.543751
1931	417756.97	1321975.71	52.599285	39.543904
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1933	417760.82	1321990.17	52.599318	39.544119
1934	417766.95	1322000.15	52.599371	39.544267
1935	417774.84	1322010.23	52.599441	39.544418
1936	417784.62	1322020.95	52.599527	39.544578
1937	417793.54	1322031.37	52.599606	39.544734
1938	417803.92	1322039.2	52.599698	39.544851
1939	417814.52	1322049.52	52.599792	39.545006
1940	417821.49	1322060.47	52.599853	39.545169
1941	417825.88	1322072.24	52.599891	39.545344
1942	417826.39	1322083.44	52.599894	39.545509
1943	417820.76	1322094.41	52.599842	39.54567
1944	417817.18	1322105.52	52.599809	39.545833
1945	417812.3	1322116.14	52.599763	39.545989
1946	417808.98	1322126.45	52.599732	39.54614
1947	417805.8	1322137.57	52.599702	39.546303
1948	417802.79	1322147.51	52.599674	39.546449
1949	417801.32	1322157.42	52.599659	39.546595
1950	417800.75	1322168.39	52.599653	39.546757

1951	417800.29	1322178.68	52.599647	39.546909
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1954	417808.35	1322209.4	52.599716	39.547364
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1958	417834.93	1322254.89	52.599948	39.548041
1959	417840.63	1322265.68	52.599998	39.548201
1960	417845.83	1322277.25	52.600043	39.548373
1961	417850.52	1322287.68	52.600084	39.548528
1962	417857.13	1322297.84	52.600142	39.54868
1963	417861.76	1322307.92	52.600182	39.548829
1964	417869.27	1322318.8	52.600248	39.548992
1965	417877.97	1322329.18	52.600325	39.549147
1966	417884.96	1322339.66	52.600387	39.549303
1967	417894.28	1322349.57	52.600469	39.549451
1968	417904.72	1322358.49	52.600562	39.549585
1969	417914.56	1322369.1	52.600649	39.549744
1970	417925.43	1322378.03	52.600745	39.549878
1971	417934.21	1322388.46	52.600823	39.550034
1972	417942.14	1322398.62	52.600893	39.550185
1973	417953.15	1322403.47	52.600991	39.550259
1974	417963.88	1322408.15	52.601087	39.550331
1975	417974.94	1322412.5	52.601185	39.550397
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1980	418030.13	1322440.09	52.601678	39.550816
1981	418040.37	1322447.02	52.601769	39.550921
1982	418051.17	1322458.18	52.601864	39.551088
1983	418058.98	1322469.26	52.601933	39.551253
1984	418066.43	1322480.51	52.601998	39.551421
1985	418071.3	1322492.21	52.602041	39.551595
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1987	418078.26	1322512.82	52.6021	39.5519
1988	418083.47	1322522.95	52.602146	39.552051
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1991	418097.11	1322555.55	52.602264	39.552535
1992	418102.58	1322566.57	52.602312	39.552699
1993	418107.33	1322576.64	52.602353	39.552848
1994	418112.7	1322588.53	52.6024	39.553025
1995	418117.27	1322599.58	52.602439	39.553189
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1998	418131.71	1322630.86	52.602565	39.553654
1999	418136.29	1322641.09	52.602605	39.553806
2000	418140.8	1322650.83	52.602644	39.553951
2001	418150.74	1322660.52	52.602732	39.554096
2002	418160.99	1322667.66	52.602823	39.554203
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2004	418180.67	1322687.02	52.602997	39.554493
2005	418191.17	1322690.34	52.603091	39.554545
2006	418201.15	1322690.35	52.603181	39.554547
2007	418212.21	1322688.18	52.603281	39.554517
2008	418222.93	1322685.82	52.603377	39.554485
2009	418234.82	1322682.88	52.603484	39.554444
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2014	418290.17	1322691.61	52.603981	39.554585
2015	418300.86	1322691.62	52.604077	39.554588
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2038	418514.65	1322779.22	52.605986	39.555927
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2117	418742	1323636.25	52.607913	39.568626
2118	418742.48	1323641.97	52.607917	39.56871
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2133	418671.44	1323873.99	52.607247	39.572119
2134	418696.93	1323897.8	52.607473	39.572476

2135	418716.75	1323919.74	52.607648	39.572804
2136	418724.82	1323928.92	52.607719	39.572942
2137	418740.93	1323956.72	52.60786	39.573355
2138	418751.6	1323965.61	52.607955	39.573489
2139	418756.64	1323973.56	52.607999	39.573608
2140	418759.32	1323983.37	52.608022	39.573753
2141	418764.61	1323987.34	52.608069	39.573813
2142	418774.41	1323991.01	52.608156	39.573869
2143	418779.52	1323998.24	52.608201	39.573977
2144	418779.45	1324004.68	52.6082	39.574072
2145	418777.39	1324012.57	52.60818	39.574188
2146	418778.1	1324022.49	52.608185	39.574334
2147	418781.72	1324031.5	52.608217	39.574468
2148	418786.01	1324042.55	52.608254	39.574632
2149	418798.84	1324063.02	52.608366	39.574937
2150	418812.4	1324084.34	52.608485	39.575255
2151	418822.21	1324098.81	52.608571	39.575471
2152	418835.04	1324108.94	52.608685	39.575623
2153	418847.8	1324114.23	52.608799	39.575704
2154	418868.46	1324112.81	52.608985	39.575688
2155	418916.2	1324109.54	52.609414	39.57565
2156	418954.98	1324101.17	52.609764	39.575535
2157	418970.59	1324100.53	52.609904	39.575529
2158	418981.58	1324104.34	52.610002	39.575588
2159	418991.79	1324108.95	52.610093	39.575658
2160	418998.13	1324113.94	52.61015	39.575733
2161	419002.69	1324127.46	52.610189	39.575934
2162	419008.51	1324150.57	52.610238	39.576276
2163	419009.07	1324161.28	52.610242	39.576435
2164	419005.65	1324181.27	52.610208	39.576729
2165	418998.96	1324200.24	52.610145	39.577007
2166	418996.25	1324225.47	52.610118	39.577379
2167	418998.65	1324247.67	52.610136	39.577707
2168	419002.52	1324267.48	52.610168	39.578001
2169	419011.61	1324297.53	52.610246	39.578446
2170	419019.98	1324316.07	52.610319	39.578722
2171	419024.39	1324333.04	52.610356	39.578973
2172	419027.87	1324353.01	52.610384	39.579269
2173	419029.91	1324367.52	52.610401	39.579483
2174	419029.88	1324380.94	52.610399	39.579681
2175	419027.97	1324390.9	52.61038	39.579828
2176	419017.02	1324411.33	52.610279	39.580127
2177	419005.25	1324428.98	52.610171	39.580385
2178	419001.14	1324435.4	52.610133	39.580479
2179	418999.58	1324438.05	52.610119	39.580517
2180	418994.2	1324441.38	52.61007	39.580565

2181	418989.97	1324443.91	52.610031	39.580602
2182	418986.54	1324448.09	52.61	39.580663
2183	418986.31	1324452.36	52.609997	39.580726
2184	418989.69	1324454.2	52.610028	39.580754
2185	418994.9	1324459.66	52.610074	39.580835
2186	419020.01	1324488.07	52.610295	39.58126
2187	419030.06	1324498.07	52.610384	39.58141
2188	419038.28	1324506.98	52.610457	39.581543
2189	419039.22	1324508.9	52.610465	39.581572
2190	419042.7	1324513.94	52.610496	39.581647
2191	419046.43	1324519.29	52.610528	39.581727
2192	419052.56	1324530.35	52.610582	39.581892
2193	419054.51	1324535.9	52.610599	39.581974
2194	419056.68	1324541.55	52.610617	39.582058
2195	419068.09	1324574.12	52.610716	39.582541
2196	419074.58	1324597.39	52.610771	39.582886
2197	419076.25	1324622.36	52.610782	39.583255
2198	419073.94	1324647.39	52.610758	39.583624
2199	419073.72	1324669.3	52.610753	39.583947
2200	419073.12	1324682.99	52.610746	39.584149
2201	419066.25	1324699.41	52.610682	39.58439
2202	419053.16	1324722.11	52.610561	39.584722
2203	419043.67	1324737.58	52.610474	39.584948
2204	419039.36	1324752.42	52.610433	39.585166
2205	419038.04	1324761.79	52.61042	39.585304
2206	417296.03	1319994.39	52.595401	39.51457
2207	417286.7	1319989.58	52.595318	39.514498
2208	417285.67	1319993.25	52.595309	39.514551
2209	417285.44	1320003.02	52.595305	39.514696
2210	417287.45	1320012.51	52.595322	39.514836
2211	417291.13	1320021.75	52.595354	39.514973
2212	417300.29	1320030.52	52.595435	39.515104
2213	417314.98	1320042.33	52.595566	39.515282
2214	417315.1	1320029.56	52.595568	39.515093
2215	417313.65	1320016.32	52.595557	39.514898
2216	417309.14	1320003.01	52.595518	39.5147
2217	417302.51	1319992.86	52.59546	39.514549
2218	417296.03	1319994.39	52.595401	39.51457
2219	417331.8	1320059.79	52.595714	39.515543
2220	417348.96	1320067.36	52.595868	39.515658
2221	417361.8	1320066.28	52.595983	39.515645
2222	417376.76	1320066.95	52.596117	39.515658
2223	417397.1	1320075.24	52.596299	39.515785
2224	417421.27	1320082.67	52.596515	39.5159
2225	417437.17	1320087.62	52.596658	39.515976
2226	417434.73	1320079.48	52.596637	39.515855

2227	417417.97	1320070.47	52.596487	39.515719
2228	417414.48	1320065.58	52.596457	39.515646
2229	417393.19	1320052.43	52.596267	39.515447
2230	417388.39	1320035.62	52.596226	39.515198
2231	417358.45	1320029.02	52.595958	39.515095
2232	417345.65	1320035.67	52.595842	39.51519
2233	417342.62	1320045.31	52.595814	39.515332
2234	417338.88	1320047.56	52.59578	39.515364
2235	417319.05	1320046.24	52.595602	39.51534
2236	417331.8	1320059.79	52.595714	39.515543
2237	418722	1323539.62	52.607747	39.567195
2238	418719.32	1323540.82	52.607722	39.567213
2239	418714.18	1323546.62	52.607675	39.567297
2240	418711.03	1323553.18	52.607646	39.567393
2241	418710.53	1323567.25	52.60764	39.567601
2242	418713.29	1323576.86	52.607663	39.567743
2243	418723.73	1323607.45	52.607753	39.568197
2244	418727.88	1323624.63	52.607788	39.568451
2245	418734.31	1323631.2	52.607845	39.56855
2246	418738.46	1323633.93	52.607882	39.568591
2247	418739.22	1323623.85	52.60789	39.568442
2248	418738.76	1323608.84	52.607888	39.568221
2249	418736.82	1323590.77	52.607873	39.567954
2250	418733.95	1323573.93	52.607849	39.567704
2251	418728.19	1323554.06	52.6078	39.56741
2252	418722	1323539.62	52.607747	39.567195

Приложение 2
к постановлению Правительства
Липецкой области
«Об установлении местоположения
береговой линии (границы водного
объекта), границ водоохранных
зон и границ прибрежных защитных полос
водотока Каменный Лог в г. Липецке»

Граница водоохранной зоны водотока Каменный Лог в г. Липецке,
протяженностью 27,45 км с учетом двух берегов

Местоположение границы водоохранной зоны водотока Каменный Лог в г. Липецке, протяженностью 27,45 км с учетом двух берегов, определено в соответствии с характерными точками границы водоохранной зоны водотока Каменный Лог в г. Липецке, протяженностью 27,45 км с учетом двух берегов.

Сведения о характерных точках границы водоохранной зоны водотока Каменный Лог в г. Липецке, протяженностью 27,45 км с учетом двух берегов.

Таблица

Номер опорной точки	X МСК-48	Y МСК-48	X WGS- 84	Y WGS -84
1	419078.27	1324792.18	52.610777	39.585762
2	419038.04	1324761.79	52.61042	39.585304
3	419039.36	1324752.42	52.610433	39.585166
4	419043.67	1324737.58	52.610474	39.584948
5	419053.16	1324722.11	52.610561	39.584722
6	419066.25	1324699.41	52.610682	39.58439
7	419073.12	1324682.99	52.610746	39.584149
8	419073.72	1324669.3	52.610753	39.583947
9	419073.94	1324647.39	52.610758	39.583624
10	419076.25	1324622.36	52.610782	39.583255
11	419074.58	1324597.39	52.610771	39.582886
12	419068.09	1324574.12	52.610716	39.582541
13	419056.68	1324541.55	52.610617	39.582058
14	419054.51	1324535.9	52.610599	39.581974
15	419052.56	1324530.35	52.610582	39.581892
16	419046.43	1324519.29	52.610528	39.581727
17	419042.7	1324513.94	52.610496	39.581647
18	419039.22	1324508.9	52.610465	39.581572
19	419038.28	1324506.98	52.610457	39.581543
20	419030.06	1324498.07	52.610384	39.58141

21	419020.01	1324488.07	52.610295	39.58126
22	418994.9	1324459.66	52.610074	39.580835
23	418989.69	1324454.2	52.610028	39.580754
24	418986.31	1324452.36	52.609997	39.580726
25	418986.54	1324448.09	52.61	39.580663
26	418989.97	1324443.91	52.610031	39.580602
27	418994.2	1324441.38	52.61007	39.580565
28	418999.58	1324438.05	52.610119	39.580517
29	419001.14	1324435.4	52.610133	39.580479
30	419005.25	1324428.98	52.610171	39.580385
31	419017.02	1324411.33	52.610279	39.580127
32	419027.97	1324390.9	52.61038	39.579828
33	419029.88	1324380.94	52.610399	39.579681
34	419029.91	1324367.52	52.610401	39.579483
35	419027.87	1324353.01	52.610384	39.579269
36	419024.39	1324333.04	52.610356	39.578973
37	419019.98	1324316.07	52.610319	39.578722
38	419011.61	1324297.53	52.610246	39.578446
39	419002.52	1324267.48	52.610168	39.578001
40	418998.65	1324247.67	52.610136	39.577707
41	418996.25	1324225.47	52.610118	39.577379
42	418998.96	1324200.24	52.610145	39.577007
43	419005.65	1324181.27	52.610208	39.576729
44	419009.07	1324161.28	52.610242	39.576435
45	419008.51	1324150.57	52.610238	39.576276
46	419002.69	1324127.46	52.610189	39.575934
47	418998.13	1324113.94	52.61015	39.575733
48	418991.79	1324108.95	52.610093	39.575658
49	418981.58	1324104.34	52.610002	39.575588
50	418970.59	1324100.53	52.609904	39.575529
51	418954.98	1324101.17	52.609764	39.575535
52	418916.2	1324109.54	52.609414	39.575565
53	418868.46	1324112.81	52.608985	39.575688
54	418847.8	1324114.23	52.608799	39.575704
55	418835.04	1324108.94	52.608685	39.575623
56	418822.21	1324098.81	52.608571	39.575471
57	418812.4	1324084.34	52.608485	39.575255
58	418798.84	1324063.02	52.608366	39.574937
59	418786.01	1324042.55	52.608254	39.574632
60	418781.72	1324031.5	52.608217	39.574468
61	418778.1	1324022.49	52.608185	39.574334
62	418777.39	1324012.57	52.60818	39.574188
63	418779.45	1324004.68	52.6082	39.574072
64	418779.52	1323998.24	52.608201	39.573977
65	418774.41	1323991.01	52.608156	39.573869
66	418764.61	1323987.34	52.608069	39.573813

67	418759.32	1323983.37	52.608022	39.573753
68	418756.64	1323973.56	52.607999	39.573608
69	418751.6	1323965.61	52.607955	39.573489
70	418740.93	1323956.72	52.60786	39.573355
71	418724.82	1323928.92	52.607719	39.572942
72	418716.75	1323919.74	52.607648	39.572804
73	418696.93	1323897.8	52.607473	39.572476
74	418671.44	1323873.99	52.607247	39.572119
75	418663.22	1323864.42	52.607175	39.571976
76	418661.95	1323859.36	52.607164	39.571901
77	418662.5	1323853.95	52.60717	39.571821
78	418661.72	1323833.74	52.607165	39.571523
79	418661.22	1323810.71	52.607164	39.571183
80	418661.65	1323781.54	52.607172	39.570752
81	418664.47	1323766.21	52.607199	39.570527
82	418665.13	1323752.37	52.607207	39.570323
83	418670.11	1323741.25	52.607253	39.57016
84	418681.37	1323725.59	52.607356	39.569931
85	418703.74	1323705.99	52.60756	39.569647
86	418719.15	1323692.73	52.6077	39.569454
87	418728.29	1323678.21	52.607784	39.569242
88	418737.97	1323657.92	52.607874	39.568945
89	418742.48	1323641.97	52.607917	39.56871
90	418742	1323636.25	52.607913	39.568626
91	418741.95	1323619.93	52.607915	39.568385
92	418740.5	1323602.47	52.607904	39.568127
93	418739.02	1323589.69	52.607893	39.567938
94	418736.08	1323573.21	52.607869	39.567694
95	418730.32	1323553.83	52.607819	39.567407
96	418723.69	1323535.75	52.607762	39.567139
97	418720.8	1323528.17	52.607737	39.567026
98	418708.71	1323505.42	52.607632	39.566688
99	418688.65	1323485.17	52.607454	39.566384
100	418668.57	1323467.9	52.607276	39.566125
101	418657.95	1323457.6	52.607182	39.565971
102	418651.17	1323446.28	52.607123	39.565802
103	418642.97	1323434.96	52.607051	39.565633
104	418637.32	1323423.91	52.607001	39.565469
105	418632.99	1323413.59	52.606964	39.565316
106	418628.76	1323401.77	52.606927	39.56514
107	418625.53	1323390.89	52.6069	39.564979
108	418621.8	1323379.71	52.606868	39.564813
109	418619.62	1323367.05	52.60685	39.564626
110	418616.76	1323355.61	52.606826	39.564456
111	418613.81	1323341.48	52.606801	39.564247
112	418607.42	1323320.5	52.606747	39.563936

113	418604.22	1323309.19	52.606719	39.563768
114	418600.17	1323298	52.606685	39.563602
115	418596.89	1323287.8	52.606656	39.563451
116	418594.59	1323277.36	52.606637	39.563297
117	418591.58	1323266.81	52.606612	39.56314
118	418590.29	1323255.42	52.606602	39.562972
119	418590.7	1323245.33	52.606607	39.562823
120	418589.8	1323235.04	52.6066	39.562671
121	418587.92	1323221.79	52.606585	39.562475
122	418587.45	1323210.3	52.606582	39.562305
123	418587.74	1323199.32	52.606586	39.562143
124	418588.52	1323188.89	52.606595	39.56199
125	418590.22	1323178.19	52.606611	39.561832
126	418592.44	1323167.72	52.606633	39.561678
127	418594.62	1323156.64	52.606654	39.561515
128	418594.61	1323146.01	52.606655	39.561358
129	418595.49	1323134.73	52.606664	39.561192
130	418596.56	1323123.97	52.606676	39.561033
131	418599.8	1323113.54	52.606706	39.56088
132	418604.97	1323103.2	52.606754	39.560729
133	418609.72	1323091.89	52.606798	39.560563
134	418613.35	1323079.31	52.606832	39.560378
135	418617.71	1323068.87	52.606873	39.560225
136	418620.66	1323056.11	52.606901	39.560037
137	418621.68	1323044.46	52.606912	39.559865
138	418622.25	1323033.72	52.606918	39.559707
139	418623.58	1323020.84	52.606932	39.559517
140	418624.56	1323010.39	52.606942	39.559363
141	418624.5	1322997.75	52.606944	39.559177
142	418624.13	1322984.71	52.606942	39.558984
143	418624.37	1322974.54	52.606945	39.558834
144	418625.13	1322964.43	52.606954	39.558685
145	418626.59	1322952.12	52.606968	39.558504
146	418627.54	1322941.99	52.606978	39.558354
147	418628.67	1322929.96	52.60699	39.558177
148	418628.46	1322918.35	52.60699	39.558006
149	418627.54	1322907.41	52.606983	39.557844
150	418626.48	1322893.13	52.606975	39.557633
151	418628.38	1322881.89	52.606994	39.557467
152	418629.95	1322869.49	52.60701	39.557285
153	418629.67	1322856.15	52.607009	39.557088
154	418630.71	1322843.95	52.60702	39.556908
155	418631.92	1322831.22	52.607032	39.55672
156	418632.82	1322818.21	52.607042	39.556529
157	418630.75	1322804.44	52.607026	39.556325
158	418627.73	1322789.43	52.607	39.556103

159	418624.94	1322777.88	52.606977	39.555932
160	418616.25	1322765.9	52.6069	39.555753
161	418605.35	1322757.39	52.606804	39.555625
162	418592.7	1322754.43	52.60669	39.555579
163	418580.78	1322754.83	52.606583	39.555582
164	418569.86	1322759.7	52.606484	39.555651
165	418559.64	1322764.78	52.606392	39.555724
166	418548.39	1322769.18	52.60629	39.555786
167	418537.45	1322772.53	52.606192	39.555834
168	418527.25	1322774.81	52.6061	39.555865
169	418514.65	1322779.22	52.605986	39.555927
170	418504.06	1322782.69	52.60589	39.555976
171	418492.58	1322785.65	52.605787	39.556017
172	418481.31	1322789	52.605685	39.556064
173	418469.72	1322792.37	52.60558	39.556111
174	418457.76	1322796.88	52.605472	39.556175
175	418447.84	1322797.99	52.605383	39.55619
176	418437.19	1322788.65	52.605289	39.556049
177	418432.92	1322777.94	52.605252	39.55589
178	418429.17	1322765.68	52.60522	39.555709
179	418425.62	1322753.01	52.605189	39.555521
180	418420.53	1322741.46	52.605145	39.555349
181	418416.03	1322730.8	52.605106	39.555191
182	418411.05	1322720.19	52.605063	39.555033
183	418400.37	1322710.35	52.604968	39.554886
184	418388.66	1322707.57	52.604863	39.554842
185	418378.05	1322703.76	52.604769	39.554784
186	418367.17	1322699.66	52.604671	39.554721
187	418354.99	1322697.26	52.604562	39.554683
188	418344.24	1322695.38	52.604466	39.554653
189	418333.58	1322693.75	52.60437	39.554626
190	418322.9	1322692.58	52.604274	39.554607
191	418311.38	1322691.88	52.604171	39.554594
192	418300.86	1322691.62	52.604077	39.554588
193	418290.17	1322691.61	52.603981	39.554585
194	418280.28	1322688.96	52.603892	39.554544
195	418269.21	1322685.6	52.603793	39.554492
196	418257.54	1322683.25	52.603688	39.554455
197	418246.95	1322681.95	52.603594	39.554433
198	418234.82	1322682.88	52.603484	39.554444
199	418222.93	1322685.82	52.603377	39.554485
200	418212.21	1322688.18	52.603281	39.554517
201	418201.15	1322690.35	52.603181	39.554547
202	418191.17	1322690.34	52.603091	39.554545
203	418180.67	1322687.02	52.602997	39.554493
204	418170.01	1322677.75	52.602903	39.554354

205	418160.99	1322667.66	52.602823	39.554203
206	418150.74	1322660.52	52.602732	39.554096
207	418140.8	1322650.83	52.602644	39.553951
208	418136.29	1322641.09	52.602605	39.553806
209	418131.71	1322630.86	52.602565	39.553654
210	418126.78	1322620.24	52.602522	39.553496
211	418122.04	1322610.24	52.602481	39.553347
212	418117.27	1322599.58	52.602439	39.553189
213	418112.7	1322588.53	52.6024	39.553025
214	418107.33	1322576.64	52.602353	39.552848
215	418102.58	1322566.57	52.602312	39.552699
216	418097.11	1322555.55	52.602264	39.552535
217	418093.06	1322545.21	52.602229	39.552381
218	418088.51	1322534.07	52.60219	39.552216
219	418083.47	1322522.95	52.602146	39.552051
220	418078.26	1322512.82	52.6021	39.5519
221	418074.3	1322502.41	52.602066	39.551746
222	418071.3	1322492.21	52.602041	39.551595
223	418066.43	1322480.51	52.601998	39.551421
224	418058.98	1322469.26	52.601933	39.551253
225	418051.17	1322458.18	52.601864	39.551088
226	418040.37	1322447.02	52.601769	39.550921
227	418030.13	1322440.09	52.601678	39.550816
228	418019.67	1322433.77	52.601584	39.550721
229	418008.49	1322427.77	52.601485	39.55063
230	417997.68	1322422.91	52.601388	39.550556
231	417987.52	1322417.77	52.601298	39.550478
232	417974.94	1322412.5	52.601185	39.550397
233	417963.88	1322408.15	52.601087	39.550331
234	417953.15	1322403.47	52.600991	39.550259
235	417942.14	1322398.62	52.600893	39.550185
236	417934.21	1322388.46	52.600823	39.550034
237	417925.43	1322378.03	52.600745	39.549878
238	417914.56	1322369.1	52.600649	39.549744
239	417904.72	1322358.49	52.600562	39.549585
240	417894.28	1322349.57	52.600469	39.549451
241	417884.96	1322339.66	52.600387	39.549303
242	417877.97	1322329.18	52.600325	39.549147
243	417869.27	1322318.8	52.600248	39.548992
244	417861.76	1322307.92	52.600182	39.548829
245	417857.13	1322297.84	52.600142	39.54868
246	417850.52	1322287.68	52.600084	39.548528
247	417845.83	1322277.25	52.600043	39.548373
248	417840.63	1322265.68	52.599998	39.548201
249	417834.93	1322254.89	52.599948	39.548041
250	417830.72	1322244.29	52.599912	39.547884

251	417821.17	1322230.66	52.599828	39.54768
252	417813.97	1322220.05	52.599765	39.547522
253	417808.35	1322209.4	52.599716	39.547364
254	417803.95	1322198.74	52.599677	39.547206
255	417802.31	1322188.77	52.599664	39.547058
256	417800.29	1322178.68	52.599647	39.546909
257	417800.75	1322168.39	52.599653	39.546757
258	417801.32	1322157.42	52.599659	39.546595
259	417802.79	1322147.51	52.599674	39.546449
260	417805.8	1322137.57	52.599702	39.546303
261	417808.98	1322126.45	52.599732	39.54614
262	417812.3	1322116.14	52.599763	39.545989
263	417817.18	1322105.52	52.599809	39.545833
264	417820.76	1322094.41	52.599842	39.54567
265	417826.39	1322083.44	52.599894	39.545509
266	417825.88	1322072.24	52.599891	39.545344
267	417821.49	1322060.47	52.599853	39.545169
268	417814.52	1322049.52	52.599792	39.545006
269	417803.92	1322039.2	52.599698	39.544851
270	417793.54	1322031.37	52.599606	39.544734
271	417784.62	1322020.95	52.599527	39.544578
272	417774.84	1322010.23	52.599441	39.544418
273	417766.95	1322000.15	52.599371	39.544267
274	417760.82	1321990.17	52.599318	39.544119
275	417758.68	1321984.43	52.599299	39.544033
276	417756.97	1321975.71	52.599285	39.543904
277	417756.42	1321965.31	52.599281	39.543751
278	417758.2	1321957.18	52.599298	39.543631
279	417762.42	1321952.91	52.599337	39.543569
280	417769.39	1321949.83	52.5994	39.543525
281	417780.87	1321943.86	52.599504	39.54344
282	417786.19	1321939.17	52.599552	39.543372
283	417790.7	1321932.83	52.599594	39.543279
284	417793.45	1321925.87	52.599619	39.543177
285	417794.7	1321919.1	52.599631	39.543077
286	417795.14	1321911.23	52.599636	39.542961
287	417793.9	1321902.94	52.599626	39.542839
288	417787.83	1321867.19	52.599576	39.54231
289	417782.99	1321834.25	52.599537	39.541823
290	417777.82	1321800.95	52.599495	39.54133
291	417768.77	1321756.55	52.59942	39.540673
292	417766.04	1321743.08	52.599397	39.540474
293	417765.38	1321736.49	52.599392	39.540376
294	417765.57	1321727.43	52.599395	39.540243
295	417768.42	1321689.41	52.599425	39.539682
296	417770.24	1321656.96	52.599446	39.539204

297	417770.6	1321632.56	52.599453	39.538844
298	417771.73	1321595.67	52.599468	39.5383
299	417773.81	1321564.61	52.59949	39.537842
300	417781.86	1321483.69	52.599573	39.536649
301	417779.87	1321483.24	52.599555	39.536642
302	417776.5	1321504.58	52.599522	39.536957
303	417773.95	1321531	52.599496	39.537346
304	417771.44	1321565.04	52.599469	39.537848
305	417769.76	1321613.22	52.599448	39.538558
306	417767.72	1321662.96	52.599423	39.539292
307	417763.75	1321716.81	52.59938	39.540086
308	417763.12	1321738.67	52.599371	39.540408
309	417765.48	1321753.77	52.599391	39.540631
310	417770.89	1321782.14	52.599435	39.541051
311	417775.81	1321809.22	52.599476	39.541452
312	417786.82	1321875.91	52.599566	39.542438
313	417792.3	1321910.67	52.599611	39.542952
314	417791.63	1321921.01	52.599603	39.543105
315	417790.14	1321927.23	52.599589	39.543196
316	417786.21	1321934.6	52.599553	39.543304
317	417780.58	1321939.85	52.599502	39.54338
318	417772.39	1321944.02	52.599428	39.54344
319	417759.33	1321950.73	52.599309	39.543536
320	417756.16	1321956.18	52.59928	39.543616
321	417753.64	1321967.5	52.599256	39.543783
322	417755.15	1321979.16	52.599268	39.543955
323	417757.99	1321991.91	52.599292	39.544144
324	417764.22	1322002.04	52.599347	39.544295
325	417772.3	1322012.37	52.599418	39.544449
326	417782.14	1322023.15	52.599505	39.54461
327	417791.26	1322033.8	52.599585	39.544769
328	417801.76	1322041.72	52.599679	39.544888
329	417811.93	1322051.63	52.599769	39.545037
330	417818.51	1322061.96	52.599826	39.54519
331	417822.58	1322072.91	52.599862	39.545353
332	417823.03	1322082.71	52.599864	39.545498
333	417817.69	1322093.13	52.599815	39.54565
334	417814.08	1322104.31	52.599781	39.545814
335	417809.2	1322114.94	52.599736	39.54597
336	417805.8	1322125.48	52.599704	39.546125
337	417802.62	1322136.63	52.599674	39.546289
338	417799.54	1322146.78	52.599645	39.546438
339	417798.02	1322157.09	52.59963	39.54659
340	417797.43	1322168.23	52.599623	39.546754
341	417796.95	1322178.93	52.599617	39.546912
342	417799.04	1322189.37	52.599635	39.547066

343	417800.73	1322199.65	52.599648	39.547218
344	417805.34	1322210.81	52.599688	39.547384
345	417811.12	1322221.76	52.599739	39.547547
346	417818.43	1322232.54	52.599803	39.547708
347	417827.78	1322245.87	52.599885	39.547906
348	417831.91	1322256.28	52.599921	39.548061
349	417837.65	1322267.13	52.599971	39.548222
350	417842.8	1322278.61	52.600016	39.548393
351	417847.6	1322289.28	52.600058	39.548551
352	417854.21	1322299.45	52.600116	39.548703
353	417858.86	1322309.56	52.600156	39.548853
354	417866.62	1322320.82	52.600224	39.549021
355	417875.31	1322331.17	52.600301	39.549175
356	417882.35	1322341.73	52.600363	39.549333
357	417891.99	1322351.98	52.600448	39.549486
358	417902.42	1322360.89	52.600541	39.54962
359	417912.28	1322371.53	52.600628	39.549779
360	417923.09	1322380.41	52.600724	39.549912
361	417931.63	1322390.55	52.600799	39.550064
362	417940.04	1322401.33	52.600873	39.550225
363	417951.82	1322406.51	52.600978	39.550304
364	417962.61	1322411.21	52.601075	39.550376
365	417973.69	1322415.57	52.601174	39.550442
366	417986.12	1322420.78	52.601285	39.550522
367	417996.25	1322425.91	52.601375	39.5506
368	418007.03	1322430.75	52.601471	39.550674
369	418018.03	1322436.65	52.601569	39.550763
370	418028.34	1322442.89	52.601661	39.550857
371	418038.23	1322449.58	52.601749	39.550958
372	418048.61	1322460.3	52.601841	39.551119
373	418056.24	1322471.13	52.601908	39.55128
374	418063.49	1322482.07	52.601972	39.551443
375	418068.17	1322493.32	52.602012	39.55161
376	418071.16	1322503.47	52.602038	39.551761
377	418075.22	1322514.17	52.602073	39.55192
378	418080.48	1322524.39	52.602119	39.552071
379	418085.46	1322535.38	52.602162	39.552235
380	418089.98	1322546.45	52.602201	39.552399
381	418094.07	1322556.89	52.602237	39.552554
382	418099.59	1322568.02	52.602285	39.55272
383	418104.32	1322578.03	52.602326	39.552868
384	418109.66	1322589.85	52.602372	39.553044
385	418114.22	1322600.89	52.602412	39.553208
386	418119.03	1322611.62	52.602454	39.553367
387	418123.78	1322621.65	52.602495	39.553516
388	418128.69	1322632.23	52.602538	39.553673

389	418133.26	1322642.46	52.602577	39.553825
390	418138.04	1322652.78	52.602619	39.553979
391	418148.61	1322663.09	52.602712	39.554133
392	418158.77	1322670.16	52.602803	39.55424
393	418167.67	1322680.12	52.602881	39.554389
394	418179.02	1322689.98	52.602982	39.554537
395	418190.66	1322693.66	52.603086	39.554594
396	418201.47	1322693.67	52.603183	39.554596
397	418212.88	1322691.43	52.603286	39.554565
398	418223.68	1322689.05	52.603383	39.554533
399	418235.35	1322686.17	52.603489	39.554493
400	418246.87	1322685.29	52.603592	39.554482
401	418257.01	1322686.53	52.603683	39.554503
402	418268.4	1322688.82	52.603785	39.554539
403	418279.37	1322692.15	52.603883	39.554591
404	418289.73	1322694.93	52.603976	39.554634
405	418300.82	1322694.94	52.604076	39.554637
406	418311.24	1322695.19	52.604169	39.554643
407	418322.62	1322695.89	52.604272	39.554655
408	418333.15	1322697.04	52.604366	39.554675
409	418343.7	1322698.65	52.604461	39.554701
410	418354.39	1322700.52	52.604556	39.554731
411	418366.26	1322702.86	52.604663	39.554768
412	418376.9	1322706.88	52.604758	39.554829
413	418387.72	1322710.76	52.604854	39.554889
414	418398.76	1322713.38	52.604953	39.55493
415	418408.32	1322722.19	52.605038	39.555062
416	418413	1322732.16	52.605079	39.55521
417	418417.48	1322742.77	52.605118	39.555368
418	418422.49	1322754.13	52.605161	39.555537
419	418425.98	1322766.61	52.605191	39.555722
420	418429.79	1322779.04	52.605223	39.555906
421	418434.4	1322790.62	52.605263	39.556078
422	418446.75	1322801.45	52.605373	39.55624
423	418458.55	1322800.14	52.605479	39.556224
424	418470.77	1322795.53	52.605589	39.556158
425	418482.25	1322792.19	52.605693	39.556112
426	418493.47	1322788.85	52.605794	39.556065
427	418504.99	1322785.87	52.605898	39.556023
428	418515.72	1322782.36	52.605995	39.555974
429	418528.16	1322778.01	52.606107	39.555912
430	418538.3	1322775.74	52.606199	39.555881
431	418549.48	1322772.32	52.6063	39.555833
432	418560.99	1322767.82	52.606404	39.555769
433	418571.27	1322762.71	52.606497	39.555696
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436	418603.89	1322760.46	52.60679	39.55567
437	418613.84	1322768.23	52.606878	39.555787
438	418621.87	1322779.3	52.606949	39.555952
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440	418627.48	1322805.01	52.606996	39.556333
441	418629.48	1322818.35	52.607012	39.55653
442	418628.61	1322830.95	52.607003	39.556716
443	418627.41	1322843.65	52.60699	39.556903
444	418626.35	1322856.05	52.606979	39.557086
445	418626.62	1322869.31	52.60698	39.557281
446	418625.1	1322881.41	52.606964	39.55746
447	418623.13	1322892.98	52.606945	39.55763
448	418624.23	1322907.67	52.606953	39.557847
449	418625.14	1322918.52	52.60696	39.558007
450	418625.35	1322929.83	52.60696	39.558174
451	418624.23	1322941.68	52.606949	39.558349
452	418623.29	1322951.77	52.606939	39.558498
453	418621.82	1322964.11	52.606924	39.558679
454	418621.05	1322974.38	52.606916	39.558831
455	418620.81	1322984.72	52.606912	39.558983
456	418621.18	1322997.8	52.606914	39.559177
457	418621.24	1323010.24	52.606913	39.55936
458	418620.27	1323020.51	52.606902	39.559512
459	418618.94	1323033.46	52.606889	39.559702
460	418618.37	1323044.23	52.606882	39.559861
461	418617.38	1323055.59	52.606872	39.560029
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465	418601.95	1323101.81	52.606727	39.560707
466	418596.71	1323112.3	52.606678	39.560861
467	418593.28	1323123.3	52.606646	39.561023
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469	418591.29	1323145.88	52.606625	39.561355
470	418591.3	1323156.32	52.606624	39.56151
471	418589.19	1323167.05	52.606604	39.561667
472	418586.97	1323177.49	52.606582	39.561821
473	418585.24	1323188.32	52.606565	39.56198
474	418584.43	1323199.07	52.606556	39.562139
475	418584.13	1323210.32	52.606552	39.562305
476	418584.6	1323222.08	52.606555	39.562479
477	418586.5	1323235.41	52.60657	39.562676
478	418587.39	1323245.64	52.606577	39.562827
479	418586.99	1323255.78	52.606572	39.562976
480	418588.31	1323267.46	52.606582	39.563149

481	418591.37	1323278.17	52.606608	39.563308
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483	418597.03	1323299.08	52.606656	39.563618
484	418601.05	1323310.21	52.606691	39.563783
485	418604.23	1323321.44	52.606718	39.563949
486	418610.59	1323342.3	52.606772	39.564259
487	418613.52	1323356.35	52.606797	39.564467
488	418616.37	1323367.74	52.606821	39.564635
489	418618.57	1323380.52	52.606839	39.564824
490	418622.36	1323391.89	52.606871	39.564993
491	418625.6	1323402.81	52.606899	39.565155
492	418629.89	1323414.79	52.606936	39.565333
493	418634.31	1323425.31	52.606974	39.565489
494	418640.13	1323436.7	52.607025	39.565658
495	418648.4	1323448.11	52.607098	39.565829
496	418655.33	1323459.68	52.607158	39.566001
497	418666.33	1323470.35	52.607256	39.566161
498	418686.39	1323487.59	52.607434	39.56642
499	418705.47	1323506.97	52.607603	39.56671
500	418716.74	1323527.35	52.607701	39.567013
501	418719.67	1323534.5	52.607726	39.567119
502	418717.75	1323538.62	52.607709	39.56718
503	418711.9	1323544.83	52.607655	39.56727
504	418708.44	1323551.87	52.607623	39.567373
505	418707.26	1323563.49	52.607611	39.567544
506	418709.33	1323574.18	52.607628	39.567703
507	418714.8	1323590.46	52.607675	39.567944
508	418722.15	1323612.8	52.607738	39.568275
509	418726	1323626.4	52.607771	39.568477
510	418730.22	1323632.7	52.607808	39.568571
511	418737.57	1323636.88	52.607873	39.568634
512	418739.03	1323639.32	52.607886	39.568671
513	418738.49	1323645.52	52.60788	39.568762
514	418734.32	1323658.14	52.607841	39.568947
515	418727.17	1323672.55	52.607775	39.569158
516	418719.93	1323686.32	52.607708	39.56936
517	418708.23	1323699.21	52.607601	39.569548
518	418680.15	1323723.35	52.607346	39.569898
519	418670.19	1323735.81	52.607255	39.570079
520	418662.43	1323751.82	52.607183	39.570314
521	418662.08	1323765.33	52.607178	39.570513
522	418659.17	1323782.45	52.607149	39.570765
523	418659.19	1323815.5	52.607145	39.571253
524	418660.21	1323852.01	52.607149	39.571792
525	418660	1323858.71	52.607146	39.571891
526	418661.62	1323866.23	52.60716	39.572002

527	418669.94	1323876.91	52.607233	39.572162
528	418688.72	1323892.64	52.6074	39.572398
529	418706.3	1323912.16	52.607555	39.57269
530	418720.79	1323927.31	52.607683	39.572917
531	418738.75	1323957.07	52.607841	39.57336
532	418747.67	1323965.04	52.60792	39.57348
533	418754.8	1323975.1	52.607982	39.57363
534	418757.21	1323982.45	52.608003	39.573739
535	418761.33	1323987.71	52.608039	39.573817
536	418767.47	1323990.48	52.608094	39.57386
537	418773.31	1323993.73	52.608146	39.573909
538	418776.78	1324000.82	52.608176	39.574014
539	418775.31	1324010.94	52.608162	39.574163
540	418776.17	1324023.24	52.608168	39.574345
541	418784.25	1324044.01	52.608238	39.574653
542	418800.2	1324069.03	52.608378	39.575026
543	418820.73	1324100.82	52.608558	39.5755
544	418833.56	1324110.44	52.608672	39.575645
545	418847.36	1324116.58	52.608795	39.575739
546	418870.87	1324114.88	52.609006	39.575719
547	418916.24	1324112.2	52.609414	39.575689
548	418934.88	1324108.19	52.609582	39.575634
549	418951.95	1324104.67	52.609736	39.575586
550	418963.98	1324103.77	52.609844	39.575576
551	418976.68	1324105.41	52.609958	39.575603
552	418990.48	1324111.16	52.610081	39.575691
553	418996.81	1324118.65	52.610137	39.575803
554	419002.4	1324137.15	52.610185	39.576077
555	419006.17	1324150.76	52.610217	39.576279
556	419006.67	1324162.43	52.61022	39.576451
557	419002.6	1324181.72	52.610181	39.576735
558	418996.77	1324199.68	52.610126	39.576999
559	418994.07	1324215.05	52.6101	39.577225
560	418994.87	1324236.41	52.610104	39.57754
561	418999.31	1324262.64	52.61014	39.577928
562	419008.05	1324295.08	52.610214	39.578409
563	419018.12	1324316.85	52.610302	39.578733
564	419023.62	1324344.65	52.610347	39.579144
565	419026.58	1324361.93	52.610372	39.5794
566	419027.27	1324381.7	52.610375	39.579692
567	419022.56	1324394.8	52.610331	39.579884
568	419011.3	1324415.15	52.610227	39.580182
569	418999.89	1324432.68	52.610122	39.580438
570	418997.46	1324435.98	52.6101	39.580486
571	418992.71	1324438.92	52.610057	39.580529
572	418988.07	1324441.69	52.610015	39.580569

573	418983.72	1324447	52.609975	39.580646
574	418983.33	1324454.02	52.60997	39.580749
575	418987.92	1324456.51	52.610011	39.580787
576	418992.77	1324461.6	52.610054	39.580863
577	419017.92	1324490.04	52.610276	39.581289
578	419027.99	1324500.07	52.610365	39.581439
579	419035.88	1324508.63	52.610435	39.581567
580	419040.34	1324515.58	52.610474	39.581671
581	419043.98	1324520.82	52.610506	39.581749
582	419049.92	1324531.54	52.610558	39.581909
583	419051.8	1324536.89	52.610574	39.581988
584	419053.97	1324542.54	52.610593	39.582072
585	419065.34	1324574.99	52.610691	39.582553
586	419071.72	1324597.88	52.610745	39.582893
587	419073.36	1324622.32	52.610756	39.583254
588	419071.06	1324647.25	52.610732	39.583621
589	419070.84	1324669.23	52.610727	39.583946
590	419070.27	1324682.35	52.61072	39.584139
591	419063.66	1324698.13	52.610659	39.58437
592	419050.69	1324720.64	52.610539	39.5847
593	419041.2	1324736.09	52.610452	39.584926
594	419037.3	1324750.25	52.610415	39.585134
595	419035.93	1324760.85	52.610401	39.58529
596	418989.13	1324740.46	52.609983	39.584978
597	418941.52	1324721.38	52.609558	39.584686
598	418944.8	1324709.51	52.609589	39.584512
599	418955.98	1324683.77	52.609693	39.584134
600	418964.75	1324669.49	52.609774	39.583925
601	418970.94	1324658.75	52.609831	39.583768
602	418971.06	1324646.25	52.609834	39.583584
603	418973.05	1324621.06	52.609855	39.583213
604	418969.89	1324604.97	52.609829	39.582974
605	418960.08	1324577	52.609745	39.582559
606	418947.36	1324560.9	52.609633	39.582319
607	418920.13	1324530.41	52.609392	39.581863
608	418896.03	1324502.8	52.609179	39.58145
609	418885.9	1324476.56	52.609092	39.58106
610	418883.48	1324448.53	52.609074	39.580646
611	418890.51	1324410.77	52.609142	39.58009
612	418906.38	1324383.61	52.609289	39.579693
613	418922.66	1324368.02	52.609437	39.579467
614	418922.34	1324347.99	52.609437	39.579171
615	418917.3	1324337.08	52.609393	39.579009
616	418911.49	1324321.08	52.609343	39.578771
617	418902.75	1324288.64	52.609269	39.57829
618	418896.28	1324253.1	52.609216	39.577764

619	418894.94	1324240.15	52.609205	39.577573
620	418894.14	1324218.79	52.609201	39.577258
621	418877.43	1324214.66	52.609052	39.577193
622	418854.6	1324216.32	52.608846	39.577212
623	418830.12	1324215.09	52.608626	39.577189
624	418806.68	1324207.93	52.608417	39.577078
625	418792.88	1324201.79	52.608294	39.576984
626	418773.56	1324190.44	52.608122	39.576812
627	418760.74	1324180.82	52.608008	39.576667
628	418736.73	1324155.08	52.607796	39.576282
629	418716.2	1324123.29	52.607615	39.575808
630	418699.93	1324097.76	52.607473	39.575428
631	418691.05	1324080.27	52.607395	39.575168
632	418682.97	1324059.49	52.607326	39.574859
633	418679.95	1324045.99	52.6073	39.574659
634	418671.27	1324030.6	52.607224	39.57443
635	418653.14	1324008.75	52.607064	39.574104
636	418640.89	1323988.44	52.606957	39.573801
637	418619.12	1323964.79	52.606765	39.573447
638	418605.75	1323953.59	52.606646	39.573279
639	418591.07	1323938.39	52.606516	39.573052
640	418582.75	1323927.71	52.606443	39.572892
641	418563.86	1323887.28	52.606279	39.572291
642	418560.05	1323855.58	52.606249	39.571822
643	418559.23	1323818.3	52.606246	39.571272
644	418559.17	1323782.52	52.606251	39.570744
645	418560.58	1323765.69	52.606266	39.570496
646	418562.3	1323755.6	52.606283	39.570347
647	418572.45	1323708.18	52.60638	39.56965
648	418580.21	1323692.17	52.606452	39.569415
649	418592.06	1323673.4	52.606561	39.569141
650	418602.01	1323660.93	52.606652	39.568959
651	418614.97	1323647.5	52.60677	39.568764
652	418625.36	1323638.58	52.606865	39.568634
653	418619.91	1323622.03	52.606818	39.568389
654	418614.54	1323606.05	52.606772	39.568152
655	418611.14	1323593.12	52.606743	39.56796
656	418609.07	1323582.43	52.606726	39.567802
657	418607.77	1323553.44	52.606718	39.567374
658	418596.7	1323542.12	52.606621	39.567204
659	418585.7	1323531.45	52.606523	39.567045
660	418569.55	1323511.08	52.606381	39.56674
661	418559.15	1323495.37	52.606289	39.566506
662	418551.09	1323482.21	52.606219	39.56631
663	418545.26	1323470.82	52.606168	39.566141
664	418537.69	1323453.51	52.606102	39.565884

665	418531.45	1323436.5	52.606048	39.565631
666	418526.98	1323421.97	52.60601	39.565416
667	418520.01	1323397.44	52.605951	39.565052
668	418516.52	1323380.64	52.605922	39.564804
669	418513.62	1323367.13	52.605898	39.564604
670	418508.58	1323350.6	52.605855	39.564358
671	418502.98	1323333.06	52.605807	39.564098
672	418498.49	1323319.33	52.605768	39.563895
673	418494.37	1323302.65	52.605733	39.563648
674	418488.95	1323278.74	52.605688	39.563294
675	418487.63	1323267.07	52.605678	39.563121
676	418487.07	1323251.78	52.605675	39.562895
677	418485.6	1323236.16	52.605664	39.562664
678	418484.69	1323226.09	52.605657	39.562516
679	418484.21	1323214.33	52.605654	39.562342
680	418484.46	1323196.42	52.605659	39.562078
681	418485.53	1323180.76	52.60567	39.561847
682	418488.22	1323161.75	52.605697	39.561567
683	418491.22	1323147.02	52.605726	39.56135
684	418492.48	1323126.69	52.60574	39.56105
685	418493.77	1323113.44	52.605753	39.560855
686	418497.8	1323093.6	52.605792	39.560563
687	418501.22	1323082.59	52.605824	39.560402
688	418507.28	1323067.55	52.605881	39.560181
689	418514.15	1323050.44	52.605945	39.55993
690	418517.95	1323039.64	52.605981	39.559771
691	418519.08	1323028.2	52.605992	39.559603
692	418520.76	1323010.67	52.60601	39.559344
693	418521.18	1322999.47	52.606015	39.559179
694	418520.85	1322987.51	52.606014	39.559003
695	418521.08	1322972.02	52.606018	39.558774
696	418522.1	1322956.64	52.606029	39.558547
697	418523.84	1322941.23	52.606047	39.55832
698	418525.26	1322926.04	52.606061	39.558096
699	418523.41	1322900.39	52.606048	39.557717
700	418524.17	1322884.2	52.606057	39.557479
701	418510.81	1322888.02	52.605937	39.557532
702	418493.84	1322893.7	52.605783	39.557612
703	418469.63	1322899.52	52.605565	39.557693
704	418457.84	1322900.84	52.605459	39.55771
705	418430.23	1322900.08	52.605211	39.557692
706	418403.89	1322891.8	52.604976	39.557564
707	418380.81	1322876.64	52.60477	39.557336
708	418368.46	1322865.8	52.604661	39.557173
709	418352.72	1322848.31	52.604522	39.556911
710	418341.5	1322827.62	52.604424	39.556604

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712	418330.99	1322797.95	52.604333	39.556163
713	418320.15	1322796.22	52.604236	39.556135
714	418307	1322795.12	52.604118	39.556116
715	418289.56	1322794.93	52.603961	39.55611
716	418263.89	1322791.53	52.603731	39.556054
717	418253.52	1322788.75	52.603638	39.556011
718	418234.38	1322789.09	52.603466	39.556011
719	418220.72	1322791.8	52.603343	39.556048
720	418201.41	1322793.67	52.603169	39.556072
721	418190.6	1322793.66	52.603072	39.556069
722	418160.49	1322789	52.602802	39.555994
723	418148.84	1322785.32	52.602698	39.555937
724	418113.42	1322765.46	52.602383	39.555636
725	418102.08	1322755.6	52.602282	39.555488
726	418078.8	1322734.68	52.602076	39.555174
727	418068.22	1322724.37	52.601982	39.55502
728	418047.3	1322694.8	52.601798	39.554579
729	418042.52	1322684.48	52.601756	39.554426
730	418037.7	1322673.71	52.601715	39.554266
731	418028.64	1322654.41	52.601636	39.553979
732	418022.97	1322641.8	52.601586	39.553791
733	418017.85	1322629.53	52.601542	39.553609
734	418009.58	1322611.59	52.60147	39.553343
735	418004.48	1322601.31	52.601426	39.55319
736	417997.14	1322583.61	52.601362	39.552927
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738	417981.73	1322549.67	52.601228	39.552423
739	417977.67	1322538.97	52.601193	39.552264
740	417974.27	1322528.47	52.601164	39.552108
741	417962.85	1322520.53	52.601062	39.551989
742	417951.07	1322515.12	52.600957	39.551906
743	417936.06	1322508.23	52.600823	39.551801
744	417926.03	1322504.28	52.600734	39.551741
745	417911.83	1322498.17	52.600607	39.551648
746	417899.76	1322492.85	52.600499	39.551567
747	417878.62	1322480.24	52.600311	39.551376
748	417861.21	1322462.85	52.600157	39.551115
749	417848.8	1322448.8	52.600047	39.550905
750	417833.05	1322433.15	52.599908	39.550671
751	417819.15	1322420.5	52.599785	39.550481
752	417809.51	1322410.25	52.599699	39.550328
753	417799.14	1322397.2	52.599608	39.550133
754	417790.01	1322385.09	52.599527	39.549952
755	417776.53	1322366.32	52.599409	39.549673
756	417768.01	1322351.34	52.599334	39.54945

757	417756.4	1322330.29	52.599233	39.549136
758	417751.6	1322319.62	52.599191	39.548978
759	417743.51	1322303.03	52.599121	39.548731
760	417736.56	1322289.96	52.59906	39.548537
761	417728.36	1322277.89	52.598988	39.548357
762	417716.91	1322257.51	52.598888	39.548054
763	417708.3	1322237.81	52.598813	39.547761
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766	417697.05	1322174.45	52.59872	39.546824
767	417697.53	1322163.75	52.598726	39.546666
768	417698.15	1322151.84	52.598733	39.546491
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771	417709.65	1322098.01	52.598844	39.545699
772	417698.43	1322079.77	52.598745	39.545427
773	417685.48	1322063.68	52.598631	39.545187
774	417672.8	1322044.27	52.59852	39.544898
775	417660.38	1322013.62	52.598412	39.544443
776	417657.54	1322000.87	52.598388	39.544254
777	417654.47	1321980.42	52.598363	39.543952
778	417656.04	1321945.7	52.598382	39.54344
779	417658.57	1321934.38	52.598406	39.543273
780	417669.72	1321905.9	52.59851	39.542855
781	417686.65	1321883.06	52.598665	39.542522
782	417677.28	1321826.31	52.598589	39.541683
783	417672.58	1321800.45	52.59855	39.5413
784	417667.25	1321772.5	52.598506	39.540886
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786	417663.16	1321735.79	52.598474	39.540344
787	417663.79	1321713.92	52.598482	39.540021
788	417667.87	1321657.22	52.598526	39.539186
789	417669.83	1321609.43	52.59855	39.538481
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791	417674.22	1321523.63	52.598601	39.537216
792	417676.96	1321494.98	52.598629	39.536793
793	417681.1	1321467.62	52.59867	39.536391
794	417691.35	1321436.71	52.598766	39.535937
795	417686.77	1321410.07	52.598729	39.535543
796	417678.91	1321392.66	52.59866	39.535284
797	417670.59	1321375.82	52.598588	39.535034
798	417657.03	1321356.59	52.598468	39.534747
799	417635.28	1321330.68	52.598276	39.53436
800	417625.06	1321303.99	52.598188	39.533964
801	417622.8	1321275.49	52.598171	39.533543
802	417624.09	1321259.94	52.598185	39.533314

803	417628.78	1321236.87	52.59823	39.532974
804	417635.75	1321214.95	52.598296	39.532653
805	417642.03	1321199.71	52.598354	39.532429
806	417647.69	1321188.65	52.598406	39.532267
807	417664.67	1321160.64	52.598563	39.531857
808	417674.35	1321149.49	52.598651	39.531695
809	417690.17	1321128.15	52.598796	39.531383
810	417701.31	1321094.55	52.5989	39.53089
811	417706.95	1321081.68	52.598953	39.530701
812	417707.77	1321057.61	52.598963	39.530346
813	417713.97	1321026.66	52.599023	39.529891
814	417718.55	1321014.36	52.599066	39.52971
815	417729.81	1320992.66	52.59917	39.529393
816	417745.33	1320970.03	52.599312	39.529062
817	417722.45	1320929.2	52.599112	39.528455
818	417713.35	1320903.11	52.599034	39.528068
819	417708.65	1320883.4	52.598994	39.527776
820	417705.68	1320861.13	52.59897	39.527447
821	417703.27	1320844.09	52.598951	39.527195
822	417703.04	1320817.77	52.598952	39.526806
823	417709	1320794.92	52.599009	39.52647
824	417708.44	1320770.48	52.599007	39.52611
825	417695.67	1320757.19	52.598894	39.525911
826	417669.66	1320732.58	52.598663	39.525542
827	417656.94	1320717.95	52.598551	39.525323
828	417631.26	1320699.46	52.598322	39.525045
829	417614.56	1320684.29	52.598174	39.524818
830	417590.38	1320650.81	52.597961	39.524319
831	417581.21	1320630.12	52.597882	39.524011
832	417574.2	1320607.27	52.597822	39.523673
833	417571.17	1320590.43	52.597797	39.523424
834	417565.25	1320576.54	52.597745	39.523217
835	417548.97	1320564.61	52.597601	39.523038
836	417532.97	1320554.9	52.597458	39.522891
837	417510.07	1320534.53	52.597255	39.522586
838	417495.69	1320510.31	52.597129	39.522225
839	417478.19	1320477.84	52.596976	39.521742
840	417467.23	1320454.16	52.59688	39.521391
841	417452.2	1320417.84	52.59675	39.520852
842	417445.35	1320396.95	52.596691	39.520542
843	417439.47	1320376.41	52.596641	39.520238
844	417429.01	1320340.42	52.596552	39.519704
845	417425.55	1320322.55	52.596523	39.51944
846	417422.6	1320293.33	52.5965	39.519008
847	417417.1	1320271.81	52.596454	39.518689
848	417411.97	1320253.85	52.59641	39.518423

849	417406.28	1320243.53	52.59636	39.51827
850	417395.41	1320220.64	52.596265	39.51793
851	417386.73	1320178.51	52.596193	39.517306
852	417367.12	1320172.48	52.596017	39.517213
853	417332.16	1320167.78	52.595704	39.517136
854	417308.33	1320160.66	52.595491	39.517026
855	417290.43	1320152.77	52.595331	39.516906
856	417257.93	1320129.78	52.595042	39.51656
857	417248.12	1320119.35	52.594955	39.516404
858	417235.64	1320109.11	52.594844	39.51625
859	417220.48	1320094.99	52.59471	39.516039
860	417196.75	1320059.8	52.594501	39.515515
861	417187.91	1320033.68	52.594425	39.515127
862	417185.37	1320018.79	52.594404	39.514907
863	417176.97	1319979.47	52.594334	39.514325
864	417183.23	1319938.85	52.594395	39.513727
865	417200.49	1319909.15	52.594554	39.513293
866	417214	1319893.09	52.594677	39.513059
867	417238.8	1319866.52	52.594904	39.512672
868	417253.45	1319855.16	52.595037	39.512507
869	417268.37	1319842.08	52.595172	39.512317
870	417283.64	1319826.75	52.595312	39.512094
871	417287.45	1319806.88	52.595348	39.511802
872	417271.79	1319800.73	52.595208	39.511708
873	417257.19	1319793.79	52.595078	39.511602
874	417232.62	1319777.26	52.59486	39.511353
875	417220.19	1319766.6	52.594749	39.511194
876	417197.16	1319743.57	52.594545	39.510849
877	417187.14	1319729.56	52.594457	39.51064
878	417174.94	1319709.28	52.59435	39.510338
879	417164.99	1319684.83	52.594264	39.509975
880	417160.46	1319667.41	52.594225	39.509717
881	417157.32	1319638.37	52.594201	39.509288
882	417162.7	1319609.66	52.594253	39.508866
883	417168.54	1319598.4	52.594307	39.508701
884	417169.86	1319572.75	52.594322	39.508323
885	417183.03	1319543.16	52.594444	39.507889
886	417174.64	1319526.57	52.594371	39.507642
887	417168.43	1319508.96	52.594317	39.507381
888	417162.22	1319484.15	52.594264	39.507014
889	417159.77	1319449.51	52.594247	39.506502
890	417169.3	1319416.13	52.594337	39.506012
891	417175.03	1319405.5	52.59439	39.505856
892	417182.79	1319364.73	52.594464	39.505256
893	417190.12	1319353.17	52.594532	39.505087
894	417202.8	1319315.02	52.594651	39.504527

895	417222.24	1319290.5	52.594828	39.504169
896	417234.59	1319282.29	52.59494	39.504051
897	417230.92	1319265.88	52.59491	39.503808
898	417208.19	1319223.95	52.594711	39.503184
899	417202.9	1319183.33	52.594668	39.502584
900	417203.63	1319172.85	52.594676	39.502429
901	417204.43	1319162.58	52.594685	39.502278
902	417213.78	1319133.55	52.594772	39.501852
903	417276.04	1319000.47	52.595349	39.499901
904	417276.29	1318999.91	52.595351	39.499893
905	417277.39	1319004.98	52.59536	39.499968
906	417286	1319012.91	52.595437	39.500087
907	417291.15	1319022.06	52.595482	39.500223
908	417298.71	1319029.66	52.595549	39.500337
909	417301.02	1319039.03	52.595568	39.500475
910	417302.55	1319038.33	52.595582	39.500465
911	417300.19	1319028.82	52.595562	39.500324
912	417292.47	1319021.06	52.595494	39.500208
913	417287.3	1319011.88	52.595448	39.500072
914	417278.64	1319003.89	52.595372	39.499952
915	417277.32	1318997.63	52.59536	39.499859
916	417294.08	1318960.66	52.595516	39.499317
917	417309.74	1318928.68	52.59566	39.498849
918	417327.12	1318898.57	52.59582	39.498408
919	417335.85	1318886.02	52.5959	39.498225
920	417347.89	1318863.86	52.596011	39.4979
921	417363.36	1318842.84	52.596153	39.497593
922	417400.34	1318811.33	52.596489	39.497136
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924	417470.41	1318802.22	52.59712	39.497016
925	417491.08	1318810.06	52.597305	39.497136
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928	417505.45	1318755.15	52.597441	39.496329
929	417505.7	1318742.67	52.597445	39.496145
930	417509.9	1318715.89	52.597486	39.495751
931	417523.64	1318683.31	52.597613	39.495273
932	417541.53	1318662.34	52.597777	39.494967
933	417564.46	1318647.05	52.597985	39.494746
934	417584.58	1318638.4	52.598167	39.494623
935	417627.97	1318632.22	52.598557	39.49454
936	417646.74	1318625.22	52.598727	39.494441
937	417652.1	1318607.09	52.598777	39.494175
938	417656.26	1318597.05	52.598816	39.494027
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940	417677.69	1318562.17	52.599013	39.493517

941	417696.12	1318543.91	52.599181	39.493251
942	417707.31	1318533.49	52.599283	39.4931
943	417724.51	1318504.62	52.599441	39.492677
944	417745.2	1318486.1	52.599629	39.492408
945	417775.63	1318470.52	52.599904	39.492185
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947	417826.1	1318468.6	52.600358	39.492167
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949	417874.15	1318466.74	52.60079	39.492149
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951	417910.82	1318445.17	52.601122	39.491839
952	417937.97	1318433.35	52.601368	39.49167
953	417956.45	1318428.78	52.601534	39.491606
954	417989.95	1318426.12	52.601836	39.491574
955	418010.91	1318428.48	52.602024	39.491613
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957	418043.88	1318438.15	52.602319	39.491762
958	418077.47	1318455.19	52.602618	39.492021
959	418097.25	1318475.02	52.602793	39.492318
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961	418145.92	1318428.11	52.603237	39.491635
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963	418212.47	1318411.54	52.603837	39.491405
964	418222.27	1318398.86	52.603926	39.491219
965	418238.75	1318388.63	52.604076	39.491072
966	418245.14	1318378.05	52.604134	39.490917
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971	418331.47	1318315.64	52.604918	39.490014
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984	418577.83	1318122.67	52.607156	39.487217
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991	418637.14	1317903.7	52.607716	39.483997
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1004	418791.9	1317662.11	52.609137	39.480463
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1006	418820.76	1317592.37	52.609404	39.479439
1007	418827.37	1317572.6	52.609466	39.479149
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1011	418864.78	1317489.3	52.609813	39.477927
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1116	420269.64	1315574	52.62267	39.449935
1117	420274.74	1315545.08	52.622719	39.449509
1118	420279.7	1315530.2	52.622765	39.44929
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1122	420341.49	1315464.81	52.623328	39.448337
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1125	420336.58	1315406.95	52.623291	39.447482
1126	420338.3	1315390.8	52.623309	39.447244
1127	420341.71	1315372.74	52.623341	39.446978
1128	420348.72	1315346.7	52.623407	39.446595
1129	420365.16	1315313.78	52.623559	39.446112
1130	420377.41	1315297.61	52.623671	39.445876
1131	420383.58	1315273.4	52.623729	39.445519
1132	420387.73	1315251.91	52.623769	39.445203
1133	420394.1	1315231.33	52.623829	39.4449
1134	420407.81	1315203.4	52.623956	39.444491
1135	420420.53	1315185.29	52.624072	39.444226
1136	420430.37	1315173.37	52.624162	39.444052
1137	420443.53	1315159.73	52.624282	39.443853
1138	420460.99	1315139.43	52.624441	39.443557
1139	420472.77	1315125.61	52.624549	39.443355
1140	420489.59	1315109.2	52.624702	39.443116
1141	420509.18	1315089.52	52.62488	39.442829
1142	420512.44	1315078.57	52.624911	39.442668
1143	420527.48	1315052.38	52.625049	39.442284
1144	420541.53	1315033.48	52.625177	39.442008
1145	420581.5	1314991.18	52.625542	39.441391
1146	420604.81	1314963.86	52.625754	39.440992
1147	420635.12	1314920.33	52.626032	39.440356
1148	420682.9	1314864.94	52.626468	39.439547
1149	420711.11	1314831.08	52.626725	39.439053
1150	420714.17	1314808.84	52.626755	39.438725
1151	420720.65	1314784.7	52.626816	39.43837
1152	420732.91	1314762.92	52.626929	39.438051
1153	420743.34	1314748.85	52.627025	39.437845
1154	420765.09	1314727.36	52.627223	39.437532
1155	420792.32	1314713.45	52.627469	39.437332
1156	420822.48	1314708.41	52.62774	39.437263
1157	420845.66	1314711.72	52.627948	39.437317
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1159	420869.97	1314686.5	52.62817	39.436949
1160	420880.27	1314674.36	52.628264	39.436772
1161	420892.21	1314659.46	52.628373	39.436554
1162	420919.26	1314635.97	52.628619	39.436212
1163	420935.95	1314624.31	52.62877	39.436043
1164	420942.7	1314584.39	52.628835	39.435455
1165	420948.12	1314570.09	52.628886	39.435245
1166	420961.06	1314546.32	52.629005	39.434897
1167	420980.14	1314523.52	52.629179	39.434564
1168	420998.47	1314506.63	52.629346	39.434318
1169	421016.91	1314492.75	52.629513	39.434117
1170	421031.92	1314483.25	52.629649	39.433979

1171	421048.58	1314474.55	52.6298	39.433854
1172	421055.45	1314461.23	52.629863	39.433659
1173	421077.89	1314434.31	52.630068	39.433265
1174	421090.37	1314420.99	52.630182	39.433071
1175	421101.97	1314409.17	52.630287	39.432899
1176	421110.65	1314397.01	52.630367	39.432721
1177	421120.82	1314379.08	52.63046	39.432458
1178	421126.65	1314369.06	52.630514	39.432311
1179	421133.63	1314358.63	52.630578	39.432159
1180	421143.89	1314345.19	52.630671	39.431962
1181	421155.89	1314332.08	52.630781	39.431771
1182	421193.55	1314305.66	52.631122	39.431388
1183	421211.09	1314299.37	52.631281	39.431299
1184	421229.51	1314290.93	52.631447	39.431178
1185	421245.09	1314286.28	52.631588	39.431112
1186	421276.1	1314282.15	52.631867	39.431057
1187	421297.81	1314286.13	52.632061	39.43112
1188	421273.21	1314332.35	52.631835	39.431798
1189	421266.91	1314344.19	52.631777	39.431971
1190	421253.45	1314389.72	52.631651	39.432641
1191	421248.65	1314392.8	52.631607	39.432686
1192	421240.96	1314394.24	52.631538	39.432705
1193	421232.02	1314397.97	52.631457	39.432759
1194	421223.37	1314405.88	52.631378	39.432874
1195	421213.1	1314419.32	52.631285	39.43307
1196	421207.01	1314429.79	52.631229	39.433224
1197	421200.93	1314440.01	52.631173	39.433374
1198	421196.09	1314450.18	52.631128	39.433523
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1201	421174.38	1314478.15	52.63093	39.433932
1202	421161.75	1314491.02	52.630815	39.434119
1203	421152.32	1314502.16	52.630729	39.434282
1204	421143.31	1314509.95	52.630647	39.434395
1205	421137.85	1314517.88	52.630597	39.434511
1206	421134.18	1314527.93	52.630563	39.434659
1207	421129.11	1314543.12	52.630515	39.434882
1208	421123.37	1314551.5	52.630463	39.435005
1209	421118.63	1314557.66	52.630419	39.435095
1210	421112.78	1314561.17	52.630366	39.435146
1211	421106.15	1314563.3	52.630307	39.435176
1212	421097.48	1314564.26	52.630229	39.435188
1213	421090.42	1314565.37	52.630165	39.435203
1214	421082.93	1314567.87	52.630097	39.435239
1215	421077.8	1314572.26	52.630051	39.435303
1216	421072.95	1314574.44	52.630007	39.435334

1217	421066.3	1314580.11	52.629946	39.435416
1218	421056.83	1314588.85	52.62986	39.435543
1219	421047.8	1314597.15	52.629778	39.435664
1220	421041.62	1314605.55	52.629722	39.435787
1221	421036.2	1314619.85	52.629671	39.435997
1222	421035.47	1314638.61	52.629663	39.436274
1223	421033.06	1314653.28	52.629639	39.43649
1224	421027.04	1314669.65	52.629583	39.436731
1225	421019.84	1314682.85	52.629517	39.436924
1226	421008.32	1314695.33	52.629412	39.437106
1227	420996.02	1314704.26	52.6293	39.437236
1228	420984.62	1314712.74	52.629197	39.437359
1229	420976.9	1314718.06	52.629127	39.437436
1230	420970.24	1314722	52.629067	39.437493
1231	420957.42	1314737.99	52.628949	39.437726
1232	420943.86	1314753.97	52.628826	39.43796
1233	420930.54	1314767.54	52.628704	39.438157
1234	420917.18	1314781.63	52.628583	39.438363
1235	420904.82	1314795.68	52.62847	39.438568
1236	420895.19	1314805.07	52.628382	39.438705
1237	420883.61	1314812.79	52.628277	39.438816
1238	420872.17	1314820.58	52.628174	39.438929
1239	420866.54	1314825.24	52.628122	39.438997
1240	420862.06	1314829.71	52.628082	39.439062
1241	420841.62	1314831.45	52.627898	39.439084
1242	420823.67	1314808.41	52.627739	39.43874
1243	420813.24	1314822.48	52.627644	39.438946
1244	420809.6	1314848.92	52.627608	39.439335
1245	420806.45	1314876.57	52.627576	39.439743
1246	420788.01	1314895.01	52.627409	39.440012
1247	420758.9	1314929.94	52.627143	39.440522
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1249	420684.07	1315025.03	52.626459	39.441911
1250	420655.93	1315058.01	52.626202	39.442393
1251	420614.21	1315102.16	52.625822	39.443036
1252	420599.17	1315128.36	52.625684	39.44342
1253	420597.76	1315152.19	52.625668	39.443772
1254	420587.59	1315155.42	52.625577	39.443818
1255	420573.08	1315165.25	52.625445	39.44396
1256	420563.03	1315177.26	52.625353	39.444135
1257	420542.63	1315197.17	52.625168	39.444425
1258	420528.56	1315217.05	52.625039	39.444716
1259	420515.51	1315229.14	52.62492	39.444892
1260	420502.35	1315242.79	52.6248	39.445091
1261	420489.63	1315260.89	52.624684	39.445356
1262	420483.26	1315281.48	52.624624	39.445658

1263	420481.79	1315299.55	52.624609	39.445925
1264	420481.79	1315312.61	52.624607	39.446118
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1267	420457.12	1315358	52.62438	39.446783
1268	420444.87	1315374.17	52.624268	39.447019
1269	420439.97	1315391.33	52.624222	39.447272
1270	420436.55	1315409.39	52.624189	39.447538
1271	420436.06	1315429.42	52.624182	39.447833
1272	420438.03	1315440.75	52.624199	39.448001
1273	420445.38	1315458.88	52.624262	39.44827
1274	420455.16	1315472.08	52.624349	39.448467
1275	420463.92	1315482.3	52.624426	39.44862
1276	420467.62	1315486.45	52.624459	39.448682
1277	420468.08	1315495.75	52.624462	39.448819
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1279	420459.07	1315519.05	52.624378	39.449161
1280	420450.98	1315525.71	52.624305	39.449258
1281	420435.97	1315533.94	52.624169	39.449377
1282	420425.87	1315540.67	52.624077	39.449474
1283	420409.51	1315545.01	52.62393	39.449535
1284	420394.47	1315548.89	52.623794	39.449589
1285	420387	1315550.88	52.623727	39.449617
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1287	420369.6	1315576.7	52.623567	39.449995
1288	420369.12	1315594.79	52.623561	39.450262
1289	420369.12	1315612.76	52.623559	39.450527
1290	420368.48	1315624.21	52.623552	39.450696
1291	420368.36	1315638.4	52.623549	39.450905
1292	420368.24	1315646.53	52.623547	39.451025
1293	420367.39	1315652.71	52.623538	39.451117
1294	420365.45	1315657.2	52.62352	39.451182
1295	420361.45	1315661.93	52.623484	39.451252
1296	420357.08	1315666.3	52.623444	39.451315
1297	420359.5	1315668.6	52.623466	39.45135
1298	420365.45	1315664.23	52.62352	39.451286
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1302	420371.39	1315624.33	52.623578	39.450698
1303	420370.76	1315612.74	52.623573	39.450527
1304	420370.76	1315594.81	52.623576	39.450262
1305	420371.24	1315576.99	52.623582	39.449999
1306	420375.98	1315562.76	52.623626	39.44979
1307	420387.8	1315552.36	52.623734	39.449639
1308	420394.89	1315550.47	52.623798	39.449612

1309	420409.92	1315546.59	52.623933	39.449558
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1312	420451.9	1315527.07	52.624313	39.449278
1313	420460.31	1315520.15	52.624389	39.449178
1314	420465.79	1315511.68	52.62444	39.449054
1315	420469.73	1315495.91	52.624477	39.448822
1316	420469.22	1315485.8	52.624473	39.448672
1317	420465.16	1315481.22	52.624438	39.448604
1318	420456.45	1315471.06	52.62436	39.448452
1319	420446.82	1315458.07	52.624276	39.448258
1320	420439.62	1315440.3	52.624213	39.447995
1321	420437.71	1315429.3	52.624197	39.447832
1322	420438.19	1315409.56	52.624204	39.447541
1323	420441.57	1315391.71	52.624236	39.447278
1324	420446.36	1315374.92	52.624281	39.447031
1325	420458.37	1315359.07	52.624391	39.446799
1326	420470.01	1315346.94	52.624497	39.446622
1327	420479.38	1315334.62	52.624583	39.446442
1328	420483.43	1315312.76	52.624622	39.44612
1329	420483.43	1315299.62	52.624623	39.445926
1330	420484.88	1315281.79	52.624639	39.445663
1331	420491.12	1315261.63	52.624697	39.445367
1332	420503.62	1315243.83	52.624812	39.445106
1333	420516.66	1315230.31	52.62493	39.444909
1334	420529.8	1315218.14	52.62505	39.444732
1335	420543.88	1315198.24	52.625179	39.444441
1336	420564.23	1315178.37	52.625364	39.444152
1337	420574.19	1315166.48	52.625455	39.443978
1338	420588.31	1315156.91	52.625583	39.44384
1339	420597.74	1315153.92	52.625668	39.443797
1340	420598.2	1315169.6	52.62567	39.444029
1341	420610.32	1315176.39	52.625778	39.444132
1342	420624.39	1315159.41	52.625907	39.443884
1343	420633.49	1315137.58	52.625991	39.443563
1344	420644.65	1315112.35	52.626094	39.443193
1345	420667.94	1315089.06	52.626307	39.442854
1346	420688.31	1315076.94	52.626491	39.442679
1347	420714.51	1315054.62	52.626729	39.442354
1348	420727.61	1315016.29	52.626851	39.441791
1349	420738.28	1314994.46	52.62695	39.44147
1350	420761.57	1314975.54	52.627161	39.441196
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1352	420813.96	1314949.34	52.627635	39.440819
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1354	420831.43	1314904.22	52.627798	39.440156

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1357	420859.57	1314852.8	52.628057	39.439403
1358	420865.36	1314830.97	52.628111	39.439081
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1367	420958.69	1314739.04	52.628961	39.437742
1368	420971.33	1314723.26	52.629076	39.437512
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1370	420985.58	1314714.08	52.629205	39.437379
1371	420996.99	1314705.58	52.629309	39.437255
1372	421009.42	1314696.56	52.629422	39.437125
1373	421021.19	1314683.81	52.629529	39.436939
1374	421028.54	1314670.33	52.629596	39.436741
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1376	421037.1	1314638.78	52.629677	39.436277
1377	421037.82	1314620.18	52.629686	39.436002
1378	421043.07	1314606.35	52.629735	39.435799
1379	421049.02	1314598.25	52.629789	39.435681
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1381	421067.39	1314581.34	52.629956	39.435435
1382	421073.84	1314575.84	52.630015	39.435355
1383	421078.69	1314573.66	52.630059	39.435323
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1386	421097.7	1314565.89	52.63023	39.435212
1387	421106.5	1314564.91	52.630309	39.4352
1388	421113.46	1314562.67	52.630372	39.435168
1389	421119.74	1314558.91	52.630429	39.435114
1390	421124.7	1314552.46	52.630474	39.435019
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1395	421153.48	1314503.31	52.630739	39.434299
1396	421162.97	1314492.13	52.630826	39.434136
1397	421175.57	1314479.29	52.63094	39.433949
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1403	421214.47	1314420.23	52.631297	39.433084
1404	421224.58	1314406.99	52.631389	39.432891
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1409	421240.13	1314435.03	52.631526	39.433308
1410	421237.57	1314481.08	52.631497	39.433987
1411	421233.02	1314564.14	52.631446	39.435213
1412	421225.47	1314575.48	52.631377	39.435379
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1414	421203.96	1314613.43	52.631179	39.435935
1415	421171.19	1314644.66	52.630881	39.43639
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1417	421133.34	1314669.88	52.630538	39.436755
1418	421128.51	1314688.21	52.630493	39.437025
1419	421122.4	1314704.84	52.630436	39.437269
1420	421116.33	1314718.21	52.63038	39.437465
1421	421108.98	1314731.7	52.630312	39.437663
1422	421094.67	1314751.64	52.630181	39.437955
1423	421082.9	1314764.39	52.630074	39.438141
1424	421068.14	1314777.5	52.62994	39.438331
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1427	421034.94	1314803.74	52.629638	39.438712
1428	421021.33	1314819.78	52.629514	39.438947
1429	421003.68	1314838.12	52.629353	39.439214
1430	420992.25	1314850.18	52.629249	39.43939
1431	420981.11	1314862.85	52.629147	39.439575
1432	420966.04	1314877.95	52.62901	39.439795
1433	420953.69	1314887.94	52.628898	39.43994
1434	420950.37	1314900.4	52.628867	39.440123
1435	420931.59	1314937.41	52.628694	39.440666
1436	420911.92	1314981.68	52.628512	39.441316
1437	420898.33	1315003.03	52.628387	39.441628
1438	420883.21	1315021.49	52.628249	39.441898
1439	420864.14	1315035.85	52.628076	39.442106
1440	420839.88	1315049.91	52.627856	39.442309
1441	420829.29	1315055.24	52.62776	39.442386
1442	420818.37	1315059.95	52.627662	39.442453
1443	420809.14	1315086.96	52.627575	39.44285
1444	420797.2	1315110.86	52.627465	39.443201
1445	420779.36	1315130.74	52.627303	39.443491
1446	420753.16	1315153.06	52.627065	39.443815

1447	420739.46	1315162.86	52.62694	39.443957
1448	420725.38	1315177.04	52.626812	39.444164
1449	420716.7	1315197.87	52.626732	39.44447
1450	420701.4	1315223.21	52.626591	39.444841
1451	420687.33	1315240.19	52.626463	39.445089
1452	420661.01	1315262.59	52.626224	39.445414
1453	420628.64	1315274.7	52.625931	39.445587
1454	420612.16	1315274.87	52.625783	39.445586
1455	420597.74	1315291.52	52.625652	39.445829
1456	420586.68	1315301.76	52.625551	39.445978
1457	420583.43	1315312.76	52.62552	39.44614
1458	420581.75	1315330.99	52.625503	39.446409
1459	420577.7	1315352.84	52.625464	39.446731
1460	420558.99	1315395.12	52.625291	39.447351
1461	420549.63	1315407.45	52.625205	39.447531
1462	420543.97	1315419.36	52.625153	39.447706
1463	420561.78	1315447.94	52.62531	39.448132
1464	420569.1	1315480.8	52.625371	39.448618
1465	420569.61	1315490.92	52.625375	39.448768
1466	420566.74	1315520.16	52.625346	39.449199
1467	420562.8	1315535.94	52.625308	39.449431
1468	420549.74	1315566.01	52.625187	39.449873
1469	420523.88	1315597.35	52.624951	39.45033
1470	420499.98	1315614.76	52.624734	39.450583
1471	420488.7	1315620.95	52.624632	39.450672
1472	420471.82	1315630	52.624479	39.450802
1473	420472.48	1315643.06	52.624484	39.450995
1474	420470.46	1315668.7	52.624463	39.451373
1475	420450.49	1315717.55	52.624277	39.45209
1476	420424.66	1315744.82	52.624042	39.452488
1477	420416.08	1315762.51	52.623963	39.452747
1478	420416.49	1315774.8	52.623965	39.452929
1479	420416	1315792.27	52.623958	39.453187
1480	420410.9	1315821.08	52.623909	39.453611
1481	420406	1315835.8	52.623863	39.453827
1482	420400.99	1315848.9	52.623817	39.45402
1483	420391.47	1315868.82	52.623729	39.454312
1484	420368.37	1315898.91	52.623517	39.454752
1485	420355.35	1315910.46	52.623399	39.45492
1486	420340.26	1315929.83	52.623261	39.455203
1487	420326.38	1315947.21	52.623134	39.455457
1488	420319.75	1315957.64	52.623073	39.455609
1489	420314.21	1315970.14	52.623022	39.455793
1490	420308.53	1315981.24	52.62297	39.455955
1491	420287.72	1316008.84	52.622779	39.456359
1492	420268.71	1316023.16	52.622607	39.456566

1493	420275.02	1316034.37	52.622662	39.456733
1494	420280.81	1316067.89	52.62271	39.457229
1495	420280.81	1316078.3	52.622709	39.457383
1496	420277.99	1316101.86	52.622681	39.45773
1497	420261.82	1316142.45	52.622531	39.458326
1498	420237.47	1316167.72	52.622309	39.458695
1499	420225.06	1316176.72	52.622196	39.458825
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1501	420211.8	1316228.87	52.622071	39.459592
1502	420204.12	1316262.28	52.621998	39.460084
1503	420198.54	1316296.52	52.621943	39.460588
1504	420184.72	1316322.86	52.621816	39.460974
1505	420182.7	1316367.84	52.621792	39.461638
1506	420166.15	1316403.09	52.621639	39.462155
1507	420168.83	1316420.28	52.621661	39.46241
1508	420170.04	1316435.56	52.62167	39.462635
1509	420162.82	1316481.56	52.6216	39.463313
1510	420150.33	1316511.89	52.621484	39.463758
1511	420143.48	1316525.47	52.621421	39.463958
1512	420131.47	1316545.36	52.62131	39.464249
1513	420118.81	1316562.08	52.621194	39.464493
1514	420104.26	1316577.6	52.621062	39.464719
1515	420093.66	1316587.39	52.620965	39.464862
1516	420079.64	1316603.81	52.620837	39.465101
1517	420071.31	1316619	52.620761	39.465324
1518	420058.37	1316637.35	52.620642	39.465592
1519	420044.56	1316652.89	52.620516	39.465819
1520	420012.96	1316676.67	52.620229	39.466164
1521	419995.88	1316684.84	52.620075	39.466281
1522	419967.94	1316693.46	52.619823	39.466402
1523	419953.95	1316710.38	52.619695	39.466649
1524	419947.47	1316731.3	52.619634	39.466957
1525	419931.32	1316762.56	52.619485	39.467415
1526	419905.34	1316786.28	52.619249	39.46776
1527	419886.42	1316798.23	52.619077	39.467933
1528	419878.45	1316809.35	52.619005	39.468095
1529	419861.11	1316840.9	52.618845	39.468558
1530	419850.16	1316854.33	52.618745	39.468754
1531	419818.5	1316880.02	52.618457	39.469126
1532	419803.22	1316887.91	52.618319	39.46924
1533	419789.36	1316921.91	52.61819	39.469739
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1535	419771.63	1316952.62	52.618027	39.470189
1536	419761.01	1316968.3	52.61793	39.470418
1537	419747.02	1316986.99	52.617802	39.470691
1538	419728.43	1317005.73	52.617632	39.470964

1539	419705.59	1317018.95	52.617426	39.471155
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1541	419661.71	1317032.15	52.61703	39.471341
1542	419639.31	1317034.14	52.616828	39.471365
1543	419617.46	1317032.3	52.616632	39.471334
1544	419580.97	1317055.84	52.616301	39.471674
1545	419548.76	1317062.44	52.616011	39.471765
1546	419537.81	1317063.85	52.615913	39.471784
1547	419527.06	1317064.61	52.615816	39.471793
1548	419506.32	1317082.48	52.615627	39.472052
1549	419493.73	1317090.8	52.615513	39.472172
1550	419483.7	1317097.22	52.615422	39.472265
1551	419467.36	1317106.51	52.615274	39.472399
1552	419444.56	1317115.72	52.615068	39.47253
1553	419433.49	1317118.67	52.614968	39.472572
1554	419420.81	1317121.46	52.614854	39.47261
1555	419400.54	1317123.53	52.614672	39.472637
1556	419370.98	1317121.39	52.614406	39.472599
1557	419350.09	1317126.85	52.614218	39.472676
1558	419333.18	1317131.78	52.614066	39.472745
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1560	419287.08	1317138.4	52.613651	39.472833
1561	419276.98	1317150.61	52.613558	39.473011
1562	419272.58	1317165.53	52.613517	39.473231
1563	419264.15	1317187.79	52.613438	39.473558
1564	419258.14	1317200.81	52.613383	39.473749
1565	419235.56	1317231.18	52.613176	39.474192
1566	419209.78	1317251.21	52.612942	39.474483
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1568	419198.95	1317296.45	52.612839	39.475148
1569	419189.33	1317324.96	52.612749	39.475567
1570	419179.7	1317353.49	52.612659	39.475986
1571	419164.47	1317376.76	52.612519	39.476327
1572	419159.63	1317388.14	52.612475	39.476494
1573	419159.63	1317400.92	52.612473	39.476682
1574	419159.36	1317420.98	52.612468	39.476979
1575	419156.11	1317443.31	52.612436	39.477307
1576	419149.77	1317464.84	52.612376	39.477624
1577	419127.81	1317502.57	52.612174	39.478176
1578	419113.77	1317517.97	52.612046	39.478401
1579	419094.07	1317534.65	52.611867	39.478643
1580	419079.22	1317548.54	52.611732	39.478845
1581	419059.55	1317572.76	52.611552	39.479199
1582	419038.94	1317601.75	52.611364	39.479622
1583	419018.94	1317643.46	52.611179	39.480234
1584	419003.88	1317670.54	52.61104	39.48063

1585	418998.46	1317694.76	52.610988	39.480987
1586	418988.26	1317720.19	52.610894	39.48136
1587	418983.18	1317740.8	52.610845	39.481663
1588	418976.89	1317758.9	52.610787	39.481929
1589	418952.01	1317797.9	52.610558	39.4825
1590	418938.58	1317810.91	52.610436	39.482689
1591	418931.23	1317821.1	52.610369	39.482838
1592	418919.08	1317842.59	52.610257	39.483153
1593	418902.73	1317864.1	52.610107	39.483467
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1597	418868.95	1317940.34	52.609794	39.484585
1598	418856.14	1317966.16	52.609676	39.484964
1599	418847.17	1317979.14	52.609594	39.485153
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1601	418827.23	1318018.7	52.60941	39.485733
1602	418817.91	1318045.2	52.609322	39.486122
1603	418801.59	1318068.06	52.609173	39.486456
1604	418793.26	1318079.72	52.609097	39.486627
1605	418804.07	1318101.28	52.609191	39.486947
1606	418813.77	1318124.93	52.609275	39.487298
1607	418819.39	1318143.64	52.609323	39.487576
1608	418824.36	1318168.99	52.609365	39.487951
1609	418826.91	1318187.69	52.609386	39.488227
1610	418829.28	1318203.69	52.609405	39.488464
1611	418828.5	1318237.47	52.609394	39.488962
1612	418825.59	1318252.38	52.609366	39.489182
1613	418817.76	1318276.16	52.609292	39.489531
1614	418804.27	1318297.25	52.609168	39.48984
1615	418795.54	1318308.75	52.609089	39.490008
1616	418783.56	1318324.51	52.608979	39.490238
1617	418773.86	1318334.94	52.60889	39.49039
1618	418751.27	1318353.07	52.608685	39.490653
1619	418737.51	1318367.19	52.60856	39.490858
1620	418714.11	1318386.33	52.608347	39.491136
1621	418699.31	1318395.66	52.608213	39.491271
1622	418675.11	1318406.75	52.607994	39.491429
1623	418648.85	1318411.06	52.607758	39.491487
1624	418636.36	1318411.42	52.607645	39.49149
1625	418619.83	1318408.18	52.607497	39.491439
1626	418621.16	1318431.33	52.607506	39.491781
1627	418619.71	1318443.58	52.607492	39.491961
1628	418609.97	1318476.26	52.6074	39.492442
1629	418601	1318494.33	52.607317	39.492707
1630	418592.43	1318508.5	52.607238	39.492914

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1638	418451.32	1318623.02	52.605956	39.494575
1639	418440.87	1318631.98	52.605861	39.494705
1640	418421.34	1318645.08	52.605684	39.494894
1641	418410.68	1318650.53	52.605588	39.494973
1642	418379.27	1318660.5	52.605304	39.495113
1643	418365.04	1318662.53	52.605176	39.49514
1644	418330.63	1318661.46	52.604867	39.495117
1645	418302.58	1318650.36	52.604616	39.494948
1646	418273.44	1318643.23	52.604355	39.494836
1647	418256.78	1318652.52	52.604205	39.49497
1648	418225.19	1318681.74	52.603917	39.495395
1649	418186.85	1318698.08	52.60357	39.495628
1650	418144.94	1318700.29	52.603194	39.495652
1651	418115.24	1318692.81	52.602928	39.495535
1652	418104.24	1318693.26	52.602829	39.49554
1653	418089.93	1318692.29	52.6027	39.495522
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1655	418036.11	1318683.57	52.602218	39.495383
1656	418024.22	1318680.18	52.602111	39.49533
1657	418013.9	1318680.15	52.602019	39.495328
1658	417990.59	1318696.88	52.601807	39.49557
1659	417972.04	1318703.32	52.60164	39.495661
1660	417961.88	1318708.52	52.601548	39.495735
1661	417927.75	1318714.21	52.60124	39.495812
1662	417908.9	1318710.74	52.601071	39.495757
1663	417887.06	1318711.8	52.600875	39.495768
1664	417868.61	1318709.16	52.60071	39.495726
1665	417870.58	1318726.27	52.600725	39.495978
1666	417863.96	1318769.84	52.60066	39.49662
1667	417859.51	1318781.2	52.600619	39.496787
1668	417847.31	1318803.52	52.600506	39.497114
1669	417829.86	1318822.03	52.600347	39.497383
1670	417798.73	1318842.44	52.600065	39.497678
1671	417771.44	1318849.77	52.599819	39.49778
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1681	417605.89	1318998.42	52.598313	39.499939
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1683	417562.29	1319017.57	52.597918	39.500213
1684	417525.25	1319028.48	52.597584	39.500366
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1686	417491.97	1319030.55	52.597285	39.50039
1687	417476.41	1319045.03	52.597143	39.5006
1688	417458.87	1319083.74	52.596981	39.501168
1689	417415.47	1319177.64	52.596579	39.502544
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1696	417390.99	1319352.96	52.596337	39.505126
1697	417389.81	1319381.12	52.596322	39.505541
1698	417392.82	1319395.42	52.596348	39.505753
1699	417389.83	1319425.77	52.596317	39.5062
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1702	417390	1319525.28	52.596306	39.507669
1703	417389.57	1319537.09	52.5963	39.507843
1704	417387.39	1319554.56	52.596279	39.5081
1705	417386.84	1319573.98	52.596271	39.508386
1706	417384.13	1319588.58	52.596245	39.508601
1707	417385.15	1319600.59	52.596253	39.508779
1708	417406.91	1319607.99	52.596447	39.508892
1709	417420.26	1319615.48	52.596566	39.509006
1710	417447.49	1319623.54	52.59681	39.50913
1711	417469.5	1319636.77	52.597006	39.50933
1712	417498.62	1319666.88	52.597264	39.509781
1713	417511.56	1319697.45	52.597376	39.510234
1714	417514.77	1319710.92	52.597403	39.510434
1715	417515.94	1319751.55	52.597408	39.511034
1716	417513.59	1319764.78	52.597386	39.511228
1717	417505.19	1319787.67	52.597307	39.511564
1718	417513.32	1319803.19	52.597378	39.511795
1719	417519.06	1319827.63	52.597427	39.512157
1720	417516.69	1319872.38	52.5974	39.512817
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1723	417475.89	1319941.04	52.597024	39.513821
1724	417465.29	1319955.89	52.596927	39.514038
1725	417469.74	1319975.13	52.596965	39.514323
1726	417475.28	1319986.38	52.597013	39.51449
1727	417504.29	1320005.85	52.597271	39.514784
1728	417522.16	1320016.81	52.59743	39.514949
1729	417541.27	1320029.22	52.5976	39.515136
1730	417568.23	1320055.94	52.597839	39.515536
1731	417588.69	1320095.24	52.598018	39.51612
1732	417592.27	1320127.46	52.598046	39.516597
1733	417591.17	1320148.42	52.598033	39.516906
1734	417594.78	1320166.2	52.598064	39.517169
1735	417603.39	1320187.07	52.598138	39.517478
1736	417612.12	1320217.61	52.598213	39.517931
1737	417620.6	1320250.67	52.598285	39.518421
1738	417623.21	1320265.39	52.598306	39.518638
1739	417625.99	1320292.94	52.598328	39.519045
1740	417633.91	1320320.22	52.598395	39.51945
1741	417638.88	1320337.69	52.598438	39.519709
1742	417649.01	1320365	52.598525	39.520114
1743	417659.26	1320384.58	52.598615	39.520405
1744	417664.21	1320396.38	52.598658	39.52058
1745	417679.46	1320407.96	52.598793	39.520754
1746	417690.07	1320418.91	52.598887	39.520918
1747	417699.04	1320429.57	52.598966	39.521077
1748	417718.8	1320463.67	52.59914	39.521584
1749	417721.36	1320478.31	52.599161	39.521801
1750	417751.77	1320505.47	52.59943	39.522208
1751	417768.28	1320525.35	52.599576	39.522505
1752	417795.55	1320551.17	52.599818	39.522892
1753	417808.29	1320572.21	52.59993	39.523205
1754	417813.86	1320589.21	52.599977	39.523457
1755	417826.3	1320597.14	52.600088	39.523577
1756	417847.55	1320603.32	52.600278	39.523673
1757	417867.19	1320611.03	52.600454	39.52379
1758	417892.79	1320625.75	52.600682	39.524013
1759	417912.97	1320647.31	52.60086	39.524336
1760	417929.81	1320676.65	52.601008	39.524772
1761	417935.62	1320699.63	52.601057	39.525112
1762	417937.3	1320712.51	52.601071	39.525303
1763	417935.21	1320749.37	52.601047	39.525846
1764	417922.32	1320785.06	52.600927	39.52637
1765	417949.7	1320801.01	52.60117	39.526612
1766	417977.68	1320819.4	52.601419	39.526889
1767	417998.01	1320846	52.601599	39.527286
1768	418008.52	1320860.44	52.601691	39.527501

1769	418014.94	1320871.55	52.601747	39.527666
1770	418025.83	1320899.22	52.601842	39.528077
1771	418028.1	1320928.87	52.601858	39.528515
1772	418021.55	1320957.87	52.601796	39.528942
1773	418016.21	1320971.61	52.601746	39.529143
1774	417985.65	1321034.41	52.601463	39.530063
1775	417975.82	1321056.37	52.601372	39.530385
1776	417963.45	1321076.95	52.601258	39.530686
1777	417945.38	1321113.42	52.601091	39.531221
1778	417924.01	1321135.79	52.600896	39.531546
1779	417930.37	1321155.33	52.600951	39.531836
1780	417936.59	1321183.05	52.601003	39.532246
1781	417934.77	1321211.41	52.600983	39.532664
1782	417931.63	1321226.39	52.600953	39.532885
1783	417924.15	1321248.63	52.600883	39.533211
1784	417918.34	1321260.92	52.600829	39.533392
1785	417913.63	1321272.98	52.600785	39.533569
1786	417902.12	1321300.99	52.600678	39.533979
1787	417889.78	1321321.42	52.600564	39.534278
1788	417884.31	1321341.64	52.600512	39.534575
1789	417885.01	1321359.47	52.600516	39.534839
1790	417886.04	1321376.83	52.600523	39.535095
1791	417887.48	1321392.79	52.600534	39.535331
1792	417885.36	1321424.15	52.600511	39.535793
1793	417874.92	1321450.04	52.600414	39.536173
1794	417880.05	1321464.75	52.600458	39.536391
1795	417881.37	1321493.59	52.600466	39.536817
1796	417873.48	1321572.91	52.600385	39.537986
1797	417871.62	1321600.54	52.600364	39.538393
1798	417870.58	1321634.81	52.600351	39.538899
1799	417870.23	1321658.42	52.600344	39.539247
1800	417868.26	1321695.02	52.600322	39.539787
1801	417865.59	1321730.85	52.600293	39.540315
1802	417875.81	1321780.97	52.600378	39.541057
1803	417881.81	1321818.92	52.600427	39.541618
1804	417886.61	1321851.54	52.600466	39.5421
1805	417892.49	1321886.19	52.600514	39.542613
1806	417894.05	1321896.53	52.600527	39.542766
1807	417894.98	1321916.8	52.600533	39.543065
1808	417893.04	1321937.22	52.600513	39.543366
1809	417886.43	1321962.66	52.60045	39.54374
1810	417880.96	1321974.64	52.600399	39.543916
1811	417898.89	1321995.83	52.600557	39.544232
1812	417905.86	1322006.78	52.600619	39.544395
1813	417915.2	1322025.57	52.6007	39.544675
1814	417919.59	1322037.33	52.600738	39.544849

1815	417925.77	1322067.65	52.600789	39.545298
1816	417926.29	1322078.85	52.600793	39.545463
1817	417924.11	1322104.69	52.60077	39.545844
1818	417915.36	1322129.1	52.600688	39.546202
1819	417908.04	1322147.27	52.60062	39.546469
1820	417901.95	1322165.05	52.600562	39.54673
1821	417912.6	1322186.87	52.600655	39.547054
1822	417923.67	1322207.39	52.600752	39.547359
1823	417929.03	1322218.93	52.600799	39.547531
1824	417937.05	1322236.27	52.600868	39.547788
1825	417947.98	1322256.07	52.600964	39.548083
1826	417961.17	1322273.71	52.60108	39.548346
1827	417978.03	1322290.49	52.601229	39.548597
1828	417988.91	1322300.76	52.601326	39.548751
1829	418001.92	1322313.62	52.601441	39.548944
1830	418026.18	1322325.55	52.601657	39.549125
1831	418040.76	1322332.64	52.601787	39.549233
1832	418055.79	1322339.66	52.601922	39.54934
1833	418066.97	1322345.66	52.602021	39.549431
1834	418081.86	1322354.51	52.602154	39.549565
1835	418096.42	1322364.2	52.602283	39.549711
1836	418112.23	1322377.47	52.602424	39.54991
1837	418123.03	1322388.63	52.602519	39.550077
1838	418132.91	1322400.56	52.602606	39.550256
1839	418140.72	1322411.64	52.602675	39.550421
1840	418149.81	1322425.3	52.602755	39.550624
1841	418158.76	1322442.09	52.602833	39.550874
1842	418163.63	1322453.79	52.602875	39.551048
1843	418167.23	1322463.96	52.602906	39.551199
1844	418172.38	1322477.18	52.602951	39.551395
1845	418179.6	1322492.82	52.603014	39.551627
1846	418185.63	1322507.39	52.603066	39.551844
1847	418192.17	1322522.16	52.603123	39.552063
1848	418197.74	1322533.91	52.603171	39.552238
1849	418203.85	1322547.39	52.603224	39.552438
1850	418209.12	1322560.03	52.60327	39.552626
1851	418217.17	1322577.46	52.60334	39.552885
1852	418239.28	1322582.24	52.603538	39.55296
1853	418259.13	1322582.7	52.603716	39.552971
1854	418269.73	1322584	52.603811	39.552993
1855	418288.92	1322587.56	52.603983	39.553049
1856	418304.07	1322591.67	52.604119	39.553113
1857	418317.48	1322592.06	52.604239	39.553122
1858	418329	1322592.77	52.604343	39.553135
1859	418344.48	1322594.35	52.604481	39.553162
1860	418359.33	1322596.52	52.604615	39.553197

1861	418372.22	1322598.75	52.60473	39.553233
1862	418386.48	1322601.54	52.604858	39.553277
1863	418402.48	1322606.1	52.605001	39.553348
1864	418412.6	1322609.92	52.605091	39.553406
1865	418423.43	1322613.04	52.605188	39.553455
1866	418447.31	1322622.05	52.605402	39.553593
1867	418468.13	1322636.8	52.605587	39.553815
1868	418478.81	1322646.65	52.605681	39.553963
1869	418501.58	1322677.7	52.605882	39.554426
1870	418511.88	1322675.77	52.605975	39.5544
1871	418525.38	1322670.14	52.606097	39.55432
1872	418540	1322663.52	52.606229	39.554225
1873	418577.5	1322654.88	52.606567	39.554106
1874	418589.43	1322654.49	52.606674	39.554103
1875	418615.48	1322657.06	52.606908	39.554146
1876	418628.12	1322660.02	52.607021	39.554193
1877	418666.89	1322678.57	52.607367	39.554475
1878	418677.79	1322687.08	52.607464	39.554603
1879	418697.21	1322707.2	52.607636	39.554904
1880	418705.9	1322719.18	52.607712	39.555083
1881	418722.14	1322754.39	52.607853	39.555606
1882	418724.93	1322765.95	52.607877	39.555778
1883	418728.78	1322784.71	52.607909	39.556055
1884	418731.71	1322803.36	52.607933	39.556331
1885	418732.58	1322825.12	52.607938	39.556653
1886	418731.68	1322838.13	52.607928	39.556844
1887	418730.31	1322852.91	52.607914	39.557062
1888	418729.93	1322867.41	52.607908	39.557276
1889	418729.16	1322882.03	52.607899	39.557492
1890	418727.59	1322894.43	52.607884	39.557674
1891	418728.11	1322909.96	52.607886	39.557904
1892	418728.65	1322928.14	52.607889	39.558172
1893	418728.23	1322939.35	52.607883	39.558337
1894	418727.1	1322951.32	52.607872	39.558514
1895	418726.16	1322961.4	52.607862	39.558662
1896	418724.69	1322974.08	52.607847	39.558849
1897	418724.16	1322984.49	52.607841	39.559003
1898	418724.46	1322994.95	52.607842	39.559157
1899	418724.56	1323009.86	52.607841	39.559377
1900	418723.13	1323030.25	52.607825	39.559678
1901	418721.98	1323041.48	52.607813	39.559843
1902	418721.3	1323053.18	52.607806	39.560016
1903	418720.28	1323064.83	52.607795	39.560188
1904	418718.1	1323078.61	52.607774	39.560391
1905	418715.15	1323091.38	52.607745	39.560578
1906	418709.98	1323107.44	52.607697	39.560814

1907	418705.79	1323119.65	52.607658	39.560994
1908	418701.94	1323130.56	52.607621	39.561154
1909	418697.2	1323141.87	52.607577	39.56132
1910	418694.62	1323156.59	52.607552	39.561536
1911	418692.74	1323175.91	52.607533	39.561821
1912	418690.57	1323186.98	52.607512	39.561984
1913	418687.94	1323200.45	52.607486	39.562182
1914	418687.63	1323212.71	52.607482	39.562363
1915	418689.43	1323226.37	52.607496	39.562565
1916	418690.32	1323236.66	52.607503	39.562717
1917	418690.61	1323249.39	52.607504	39.562905
1918	418693.54	1323261.69	52.607528	39.563087
1919	418698.26	1323275.21	52.607569	39.563288
1920	418703.36	1323292.29	52.607613	39.563541
1921	418709.47	1323312.31	52.607665	39.563838
1922	418714.25	1323333.26	52.607705	39.564148
1923	418718.18	1323350.14	52.607738	39.564398
1924	418721.39	1323362.41	52.607765	39.56458
1925	418726.24	1323377.36	52.607807	39.564802
1926	418732.15	1323387.61	52.607858	39.564954
1927	418753.85	1323409.34	52.60805	39.56528
1928	418779.76	1323435.05	52.60828	39.565665
1929	418797.01	1323458.49	52.608432	39.566015
1930	418809.1	1323481.24	52.608537	39.566353
1931	418814.25	1323492.58	52.608582	39.566522
1932	418824.2	1323519.37	52.608668	39.566919
1933	418831.94	1323544.72	52.608734	39.567295
1934	418834.53	1323555.63	52.608756	39.567457
1935	418837.47	1323572.11	52.60878	39.567701
1936	418839.84	1323591.01	52.608798	39.56798
1937	418841.61	1323611.64	52.608812	39.568285
1938	418841.99	1323631.89	52.608812	39.568584
1939	418838.7	1323669.19	52.608778	39.569134
1940	418834.19	1323685.15	52.608735	39.569368
1941	418828.22	1323700.99	52.608679	39.569601
1942	418818.54	1323721.28	52.608589	39.569898
1943	418812.93	1323731.46	52.608538	39.570047
1944	418803.8	1323745.98	52.608454	39.570259
1945	418784.38	1323768.53	52.608276	39.570588
1946	418769.31	1323781.5	52.608139	39.570776
1947	418761.23	1323810.35	52.608062	39.5712
1948	418761.47	1323821.25	52.608063	39.571361
1949	418790.95	1323852.71	52.608324	39.571832
1950	418799.92	1323862.9	52.608403	39.571984
1951	418811.34	1323878.78	52.608503	39.572221
1952	418820.1	1323893.89	52.60858	39.572446

1953	418836.08	1323912.11	52.608721	39.572718
1954	418856.13	1323933.36	52.608898	39.573036
1955	418874.98	1323968.46	52.609063	39.573559
1956	418879.51	1323999.19	52.6091	39.574013
1957	418883.4	1324009.63	52.609133	39.574168
1958	418902.16	1324010.27	52.609302	39.574182
1959	418933.88	1324003.42	52.609588	39.574088
1960	418950.93	1324001.25	52.609741	39.57406
1961	418966.53	1324000.62	52.609881	39.574054
1962	419003.3	1324006.04	52.610211	39.574142
1963	419014.29	1324009.84	52.610309	39.5742
1964	419032.95	1324017.81	52.610476	39.574322
1965	419053.65	1324030.38	52.61066	39.574512
1966	419079.82	1324056.27	52.610892	39.5749
1967	419092.87	1324081.95	52.611005	39.575282
1968	419097.44	1324095.47	52.611045	39.575483
1969	419105.48	1324126.15	52.611113	39.575938
1970	419108.37	1324145.36	52.611136	39.576222
1971	419108.93	1324156.08	52.61114	39.57638
1972	419107.63	1324178.15	52.611125	39.576706
1973	419104.21	1324198.14	52.611091	39.577
1974	419099.96	1324214.52	52.611051	39.577241
1975	419097.61	1324232.7	52.611027	39.577508
1976	419099.69	1324243.35	52.611045	39.577666
1977	419105.44	1324262.34	52.611094	39.577948
1978	419111.13	1324274.95	52.611143	39.578135
1979	419116.75	1324290.88	52.611191	39.578371
1980	419121.17	1324307.85	52.611229	39.578623
1981	419126.39	1324335.87	52.611272	39.579038
1982	419128.93	1324353.57	52.611292	39.5793
1983	419129.91	1324367.77	52.611299	39.579509
1984	419129.88	1324381.19	52.611297	39.579707
1985	419128.09	1324399.77	52.611278	39.579981
1986	419116.11	1324438.13	52.611166	39.580545
1987	419120.87	1324452.45	52.611206	39.580757
1988	419133.91	1324470.84	52.611321	39.581032
1989	419140.03	1324481.9	52.611375	39.581196
1990	419146.88	1324497.13	52.611434	39.581422
1991	419162.46	1324541.04	52.611568	39.582074
1992	419170.91	1324570.56	52.61164	39.582512
1993	419174.35	1324590.71	52.611668	39.58281
1994	419176.03	1324615.67	52.61168	39.583179
1995	419175.82	1324631.56	52.611676	39.583413
1996	419173.89	1324652.5	52.611655	39.583722
1997	419173.71	1324670.3	52.611651	39.583985
1998	419173.02	1324687.35	52.611643	39.584236

1999	419165.37	1324721.59	52.611569	39.58474
2000	419158.5	1324738.01	52.611505	39.58498
2001	419152.88	1324749.36	52.611453	39.585147
2002	419139.79	1324772.06	52.611333	39.585479
2003	419126.41	1324809.15	52.611207	39.586023
2004	419117.46	1324820.74	52.611125	39.586192
1	419078.27	1324792.18	52.610777	39.585762
2005	417300.73	1319172.2	52.595549	39.50244
2006	417302.81	1319175.92	52.595567	39.502495
2007	417303.17	1319178.37	52.59557	39.502532
2008	417303.39	1319179.79	52.595572	39.502553
2009	417302.66	1319190.27	52.595564	39.502707
2010	417304.66	1319197.62	52.595581	39.502816
2011	417310.54	1319205.43	52.595633	39.502932
2012	417315.67	1319210.56	52.595678	39.503009
2013	417323.54	1319222.22	52.595747	39.503183
2014	417329.14	1319231.54	52.595796	39.503322
2015	417331.19	1319240.83	52.595814	39.503459
2016	417329.42	1319254.21	52.595796	39.503656
2017	417331.17	1319254.44	52.595812	39.50366
2018	417332.98	1319240.75	52.59583	39.503458
2019	417330.8	1319230.88	52.595811	39.503312
2020	417325.03	1319221.28	52.595761	39.503169
2021	417317.03	1319209.44	52.59569	39.502993
2022	417311.87	1319204.27	52.595645	39.502916
2023	417306.27	1319196.83	52.595595	39.502805
2024	417304.43	1319190.09	52.59558	39.502705
2025	417305.15	1319179.72	52.595587	39.502552
2026	417304.96	1319178.4	52.595586	39.502532
2027	417367.78	1319042.46	52.596168	39.50054
2028	417385.98	1319002.32	52.596336	39.499951
2029	417400.28	1318973.23	52.596468	39.499525
2030	417414.08	1318949.75	52.596595	39.499181
2031	417421.59	1318940.54	52.596664	39.499047
2032	417428.18	1318930.53	52.596724	39.498901
2033	417432.3	1318919.13	52.596763	39.498733
2034	417437.35	1318911.44	52.596809	39.498621
2035	417442.06	1318906.37	52.596852	39.498547
2036	417446.56	1318901.11	52.596893	39.49847
2037	417448.95	1318900.9	52.596915	39.498468
2038	417450.98	1318903.05	52.596933	39.4985
2039	417460.28	1318925.05	52.597014	39.498827
2040	417469.26	1318930.79	52.597094	39.498913
2041	417484.42	1318929.81	52.59723	39.498902
2042	417498.74	1318930.78	52.597358	39.498919
2043	417514.37	1318929.07	52.597499	39.498897

2044	417525.56	1318923.96	52.5976	39.498824
2045	417538.1	1318920.83	52.597713	39.49878
2046	417543.42	1318920.33	52.597761	39.498774
2047	417549	1318915.87	52.597812	39.49871
2048	417557.5	1318907.36	52.597889	39.498586
2049	417565.8	1318899.31	52.597965	39.498469
2050	417568.66	1318893.9	52.597991	39.498389
2051	417569.42	1318888.67	52.597999	39.498312
2052	417566.98	1318882.41	52.597978	39.49822
2053	417567.4	1318877.13	52.597982	39.498142
2054	417569.7	1318871.63	52.598003	39.498061
2055	417573.76	1318867.22	52.59804	39.497997
2056	417582.89	1318859.29	52.598124	39.497882
2057	417590.63	1318852.52	52.598194	39.497783
2058	417596.94	1318848.4	52.598251	39.497724
2059	417602.07	1318844	52.598298	39.49766
2060	417607.7	1318838.37	52.598349	39.497578
2061	417612.36	1318830.28	52.598392	39.49746
2062	417615.55	1318821.94	52.598422	39.497337
2063	417616.77	1318809.23	52.598434	39.49715
2064	417615.79	1318794.61	52.598427	39.496934
2065	417613.11	1318781.21	52.598405	39.496736
2066	417609.23	1318770.05	52.598371	39.49657
2067	417606.34	1318757.02	52.598347	39.496377
2068	417606.58	1318744.77	52.598351	39.496197
2069	417608.68	1318737.74	52.598371	39.496093
2070	417615.51	1318734.44	52.598432	39.496046
2071	417620.49	1318732.84	52.598477	39.496024
2072	417625.88	1318733.25	52.598526	39.496031
2073	417634.43	1318738.09	52.598602	39.496104
2074	417639.41	1318742.59	52.598646	39.496171
2075	417645.19	1318745.24	52.598698	39.496212
2076	417650.49	1318744.14	52.598745	39.496197
2077	417655.43	1318739.69	52.59879	39.496132
2078	417660.49	1318734.88	52.598836	39.496062
2079	417667.04	1318731.24	52.598896	39.49601
2080	417671.91	1318726.61	52.59894	39.495942
2081	417676.86	1318722.87	52.598985	39.495888
2082	417681.29	1318719.75	52.599025	39.495843
2083	417685.37	1318718.36	52.599062	39.495823
2084	417688.48	1318718.82	52.59909	39.495831
2085	417691.79	1318720.29	52.59912	39.495853
2086	417694.45	1318720.16	52.599143	39.495852
2087	417694.4	1318719.26	52.599143	39.495839
2088	417691.96	1318719.38	52.599121	39.49584
2089	417688.73	1318717.94	52.599092	39.495818

2090	417685.29	1318717.43	52.599061	39.49581
2091	417680.88	1318718.94	52.599022	39.495831
2092	417676.33	1318722.14	52.59898	39.495877
2093	417671.33	1318725.92	52.598935	39.495932
2094	417666.5	1318730.51	52.598891	39.495999
2095	417659.95	1318734.15	52.598832	39.496051
2096	417654.82	1318739.03	52.598785	39.496122
2097	417650.07	1318743.31	52.598742	39.496184
2098	417645.3	1318744.3	52.598699	39.496198
2099	417639.91	1318741.83	52.598651	39.49616
2100	417634.96	1318737.36	52.598607	39.496093
2101	417626.15	1318732.37	52.598528	39.496018
2102	417620.39	1318731.93	52.598477	39.49601
2103	417615.18	1318733.61	52.59843	39.496034
2104	417607.94	1318737.1	52.598364	39.496084
2105	417605.68	1318744.63	52.598343	39.496194
2106	417605.43	1318757.11	52.598339	39.496379
2107	417608.36	1318770.29	52.598364	39.496574
2108	417612.24	1318781.45	52.598397	39.496739
2109	417614.9	1318794.73	52.598419	39.496936
2110	417615.86	1318809.22	52.598426	39.49715
2111	417614.66	1318821.73	52.598414	39.497334
2112	417611.54	1318829.89	52.598385	39.497454
2113	417606.98	1318837.81	52.598343	39.49757
2114	417601.46	1318843.34	52.598292	39.49765
2115	417596.4	1318847.67	52.598246	39.497713
2116	417590.09	1318851.8	52.598189	39.497773
2117	417582.3	1318858.61	52.598118	39.497872
2118	417573.13	1318866.57	52.598035	39.497987
2119	417568.93	1318871.14	52.597997	39.498054
2120	417566.51	1318876.91	52.597974	39.498138
2121	417566.07	1318882.55	52.597969	39.498221
2122	417568.49	1318888.78	52.59799	39.498314
2123	417567.79	1318893.62	52.597983	39.498385
2124	417565.07	1318898.76	52.597958	39.49846
2125	417556.87	1318906.72	52.597884	39.498576
2126	417548.4	1318915.19	52.597807	39.498699
2127	417543.06	1318919.46	52.597758	39.498761
2128	417537.95	1318919.94	52.597712	39.498767
2129	417525.26	1318923.11	52.597598	39.498811
2130	417514.13	1318928.19	52.597497	39.498884
2131	417498.72	1318929.88	52.597358	39.498906
2132	417484.42	1318928.91	52.59723	39.498889
2133	417469.5	1318929.87	52.597096	39.4989
2134	417461	1318924.44	52.59702	39.498818
2135	417451.75	1318902.54	52.59694	39.498493

2136	417449.3	1318899.96	52.596918	39.498454
2137	417446.11	1318900.24	52.596889	39.498458
2138	417441.39	1318905.77	52.596846	39.498538
2139	417436.64	1318910.89	52.596803	39.498613
2140	417431.49	1318918.72	52.596756	39.498727
2141	417427.37	1318930.12	52.596717	39.498895
2142	417420.86	1318940.01	52.596657	39.499039
2143	417413.34	1318949.23	52.596589	39.499174
2144	417399.48	1318972.81	52.596461	39.499519
2145	417385.16	1319001.94	52.596329	39.499945
2146	417366.97	1319042.09	52.59616	39.500534
2147	417304.72	1319176.78	52.595584	39.502509
2148	417304.5	1319175.34	52.595582	39.502487
2149	417302.27	1319171.34	52.595563	39.502428
2005	417300.73	1319172.2	52.595549	39.50244
2150	417285.42	1319405.2	52.595381	39.505875
2151	417289.4	1319405.94	52.595417	39.505887
2152	417292.07	1319404.4	52.595441	39.505864
2153	417292.97	1319400.89	52.59545	39.505813
2154	417291.12	1319398.53	52.595434	39.505778
2155	417289.68	1319398	52.595421	39.505769
2156	417289.52	1319391.45	52.59542	39.505673
2157	417288.64	1319379.4	52.595414	39.505495
2158	417291.65	1319364.46	52.595443	39.505275
2159	417289.93	1319364.11	52.595427	39.505269
2160	417286.87	1319379.29	52.595398	39.505493
2161	417287.76	1319391.53	52.595404	39.505674
2162	417287.91	1319397.77	52.595405	39.505766
2163	417284.86	1319399.25	52.595377	39.505787
2164	417283.7	1319401.68	52.595366	39.505823
2165	417275.24	1319402.86	52.59529	39.505838
2166	417273.83	1319434.82	52.595274	39.506309
2167	417270.47	1319447.02	52.595242	39.506489
2168	417262.7	1319452.73	52.595171	39.506571
2169	417259.23	1319459.86	52.595139	39.506676
2170	417265.44	1319484.67	52.595192	39.507043
2171	417271.96	1319498.79	52.595249	39.507253
2172	417280.94	1319506.44	52.595328	39.507368
2173	417286.18	1319513.29	52.595375	39.50747
2174	417288.29	1319521.86	52.595392	39.507597
2175	417287.87	1319533.31	52.595387	39.507766
2176	417285.08	1319546.27	52.59536	39.507956
2177	417285.18	1319559.17	52.59536	39.508147
2178	417285.35	1319566.66	52.59536	39.508257
2179	417284.9	1319572.8	52.595355	39.508348
2180	417281.54	1319579.4	52.595324	39.508444

2181	417275.38	1319588.27	52.595268	39.508574
2182	417270.27	1319591.44	52.595222	39.50862
2183	417267.1	1319596.04	52.595193	39.508687
2184	417267.94	1319602.28	52.595199	39.508779
2185	417281.97	1319605.86	52.595325	39.508835
2186	417284.28	1319607.41	52.595345	39.508858
2187	417282.71	1319619.71	52.59533	39.509039
2188	417279.54	1319631.66	52.5953	39.509215
2189	417271.55	1319640.74	52.595227	39.509347
2190	417266.8	1319641.62	52.595184	39.509359
2191	417257.24	1319642.25	52.595098	39.509367
2192	417261.77	1319659.67	52.595137	39.509625
2193	417268.43	1319671.34	52.595195	39.509798
2194	417278.46	1319685.34	52.595283	39.510007
2195	417286.95	1319691.43	52.595359	39.510098
2196	417300.12	1319703.48	52.595475	39.510279
2197	417314.73	1319710.42	52.595606	39.510384
2198	417324.93	1319714.09	52.595697	39.510441
2199	417344.99	1319720.32	52.595876	39.510537
2200	417360.74	1319723.59	52.596018	39.510588
2201	417383.36	1319731.22	52.59622	39.510706
2202	417396.58	1319746.92	52.596337	39.51094
2203	417399.44	1319755.38	52.596361	39.511066
2204	417397.33	1319763.52	52.596341	39.511185
2205	417390.88	1319772.35	52.596282	39.511314
2206	417385.14	1319781.26	52.596229	39.511445
2207	417385.8	1319794.2	52.596234	39.511636
2208	417392.78	1319794.58	52.596296	39.511643
2209	417393.5	1319783.52	52.596304	39.51148
2210	417399.82	1319776.83	52.596362	39.511382
2211	417407.65	1319764.09	52.596434	39.511196
2212	417409.72	1319756.59	52.596453	39.511086
2213	417415.13	1319747.29	52.596503	39.51095
2214	417417.48	1319734.07	52.596526	39.510755
2215	417414.28	1319720.61	52.596499	39.510556
2216	417407.38	1319715.14	52.596438	39.510474
2217	417394.35	1319713.1	52.596321	39.510441
2218	417376.17	1319705.41	52.596159	39.510323
2219	417357.95	1319695.18	52.595996	39.510169
2220	417344.93	1319693.3	52.595879	39.510138
2221	417336.74	1319697.07	52.595805	39.510192
2222	417324.71	1319698.68	52.595697	39.510213
2223	417308.59	1319691.12	52.595553	39.510098
2224	417298.31	1319681.89	52.595462	39.50996
2225	417287.86	1319671.39	52.595369	39.509803
2226	417281.05	1319661.15	52.59531	39.50965

2227	417275.67	1319650.74	52.595263	39.509496
2228	417272.77	1319642.02	52.595238	39.509366
2229	417281.14	1319632.51	52.595314	39.509228
2230	417284.44	1319620.05	52.595345	39.509045
2231	417286.16	1319606.56	52.595362	39.508846
2232	417282.7	1319604.23	52.595332	39.508811
2233	417269.52	1319600.87	52.595214	39.508759
2234	417268.94	1319596.48	52.595209	39.508694
2235	417271.52	1319592.74	52.595233	39.508639
2236	417276.62	1319589.57	52.595279	39.508593
2237	417283.05	1319580.3	52.595338	39.508458
2238	417286.63	1319573.29	52.595371	39.508355
2239	417287.11	1319566.7	52.595376	39.508258
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2241	417286.84	1319546.45	52.595376	39.507959
2242	417289.64	1319533.48	52.595403	39.507768
2243	417290.06	1319521.68	52.595408	39.507594
2244	417287.8	1319512.51	52.595389	39.507459
2245	417282.22	1319505.22	52.59534	39.50735
2246	417273.39	1319497.7	52.595262	39.507237
2247	417267.11	1319484.08	52.595207	39.507035
2248	417261.09	1319460.06	52.595156	39.506679
2249	417264.09	1319453.89	52.595184	39.506589
2250	417272.01	1319448.08	52.595256	39.506505
2251	417275.58	1319435.1	52.595289	39.506314
2252	417276.93	1319404.4	52.595305	39.505861
2253	417284.38	1319403.36	52.595372	39.505847
2150	417285.42	1319405.2	52.595381	39.505875
2254	418381.28	1318404.4	52.605354	39.491334
2255	418390.45	1318401.58	52.605437	39.491294
2256	418402.74	1318403.71	52.605547	39.491328
2257	418413.71	1318408.64	52.605645	39.491403
2258	418411.77	1318413.2	52.605627	39.49147
2259	418414.04	1318421.11	52.605647	39.491587
2260	418443.15	1318450.34	52.605905	39.492025
2261	418452.37	1318458.46	52.605986	39.492147
2262	418458.19	1318464.65	52.606038	39.492239
2263	418469.59	1318475.81	52.606139	39.492406
2264	418474.08	1318476.53	52.606179	39.492418
2265	418487.9	1318470.35	52.606304	39.492329
2266	418503.79	1318460.4	52.606448	39.492186
2267	418511.43	1318449.85	52.606518	39.492032
2268	418520.41	1318431.78	52.606601	39.491767
2269	418521.86	1318419.53	52.606616	39.491586
2270	418516.89	1318412.01	52.606572	39.491474
2271	418507.19	1318396.85	52.606487	39.491249

2272	418506.69	1318382.37	52.606484	39.491035
2273	418513.13	1318368.47	52.606544	39.490831
2274	418514.59	1318352.46	52.606559	39.490595
2275	418507.95	1318345.48	52.6065	39.490491
2276	418509.12	1318328.48	52.606513	39.49024
2277	418513.98	1318318.5	52.606557	39.490094
2278	418524.44	1318288.24	52.606655	39.489649
2279	418549.67	1318264.95	52.606885	39.489311
2280	418565.16	1318252.88	52.607026	39.489136
2281	418574.85	1318246.76	52.607113	39.489047
2282	418583.72	1318248.76	52.607193	39.489079
2283	418589.45	1318253.31	52.607244	39.489147
2284	418600.12	1318265.92	52.607338	39.489335
2285	418608.86	1318287.27	52.607414	39.489652
2286	418614.53	1318299.94	52.607463	39.48984
2287	418624.96	1318307.7	52.607556	39.489957
2288	418633.45	1318311.46	52.607632	39.490014
2289	418645.94	1318311.1	52.607744	39.490012
2290	418660.74	1318301.76	52.607878	39.489877
2291	418670.56	1318292.91	52.607968	39.489748
2292	418679.05	1318280.05	52.608045	39.48956
2293	418688.75	1318269.74	52.608134	39.48941
2294	418700.64	1318266.83	52.608241	39.489369
2295	418710.34	1318256.4	52.60833	39.489217
2296	418716.53	1318246.33	52.608386	39.48907
2297	418727.44	1318233.23	52.608486	39.488879
2298	418730.35	1318218.32	52.608514	39.48866
2299	418727.81	1318201.09	52.608493	39.488405
2300	418726.23	1318188.24	52.608481	39.488215
2301	418721.26	1318162.89	52.608439	39.48784
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2303	418698.82	1318118.5	52.608243	39.48718
2304	418691.85	1318094.16	52.608184	39.486819
2305	418694.24	1318063.13	52.608209	39.486362
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2307	418709.77	1318019.47	52.608354	39.48572
2308	418729.17	1317999.09	52.608531	39.485424
2309	418734.99	1317969.98	52.608587	39.484995
2310	418744.55	1317944.09	52.608676	39.484615
2311	418755.95	1317930.87	52.60878	39.484422
2312	418764.92	1317922.26	52.608862	39.484297
2313	418773.9	1317909.28	52.608944	39.484107
2314	418777.9	1317897.03	52.608981	39.483927
2315	418779.84	1317872.16	52.609002	39.483561
2316	418777.69	1317853.55	52.608985	39.483285
2317	418780.99	1317840.08	52.609016	39.483087

2318	418788.36	1317829.29	52.609084	39.48293
2319	418813.59	1317811.82	52.609313	39.482677
2320	418832.02	1317793.39	52.609481	39.482409
2321	418844.64	1317771.07	52.609597	39.482082
2322	418852.55	1317757.67	52.60967	39.481886
2323	418865.59	1317742.39	52.609789	39.481663
2324	418882.43	1317726.07	52.609942	39.481425
2325	418888.72	1317707.97	52.610001	39.481159
2326	418892.01	1317691.51	52.610032	39.480917
2327	418896.29	1317674.71	52.610073	39.48067
2328	418899.97	1317675.44	52.610106	39.480682
2329	418902.34	1317667.19	52.610128	39.48056
2330	418900.31	1317664.51	52.61011	39.48052
2331	418901.21	1317661.12	52.610119	39.48047
2332	418896.77	1317658.75	52.610079	39.480435
2333	418894.39	1317662.41	52.610057	39.480488
2334	418892.53	1317662	52.610041	39.480482
2335	418890.35	1317666.73	52.610021	39.480551
2336	418890.51	1317671.56	52.610021	39.480622
2337	418892.6	1317673.5	52.61004	39.480651
2338	418888.06	1317689.57	52.609997	39.480888
2339	418879.77	1317718.31	52.609919	39.48131
2340	418865.01	1317735.17	52.609784	39.481556
2341	418845.82	1317759	52.609609	39.481904
2342	418823.75	1317791.99	52.609407	39.482386
2343	418806.52	1317808.61	52.60925	39.482628
2344	418788.63	1317819.59	52.609088	39.482786
2345	418777.23	1317830.84	52.608984	39.48295
2346	418771.17	1317845.3	52.608927	39.483162
2347	418767.77	1317863.61	52.608895	39.483432
2348	418764.1	1317878.77	52.60886	39.483655
2349	418758.98	1317898.85	52.608811	39.48395
2350	418748.58	1317913.7	52.608716	39.484167
2351	418738.06	1317927.77	52.60862	39.484373
2352	418729.17	1317942.81	52.608538	39.484593
2353	418712.68	1317981.62	52.608385	39.485162
2354	418698.12	1318009.76	52.608251	39.485575
2355	418683.57	1318047.6	52.608115	39.48613
2356	418673.87	1318093.21	52.608022	39.486801
2357	418681.63	1318131.05	52.608087	39.487362
2358	418686.48	1318162.1	52.608127	39.487821
2359	418689.39	1318194.12	52.608149	39.488294
2360	418685.36	1318214.31	52.60811	39.488591
2361	418673.96	1318231.41	52.608006	39.488841
2362	418665.1	1318242.69	52.607925	39.489006
2363	418659.77	1318245.85	52.607877	39.489051

2364	418654.07	1318261.98	52.607823	39.489288
2365	418645.33	1318269.62	52.607744	39.489399
2366	418638.78	1318275.44	52.607684	39.489484
2367	418634.3	1318275.32	52.607644	39.489481
2368	418627.14	1318266.59	52.607581	39.489351
2369	418615.86	1318248.76	52.607482	39.489085
2370	418607.73	1318236.63	52.60741	39.488905
2371	418596.82	1318226.44	52.607313	39.488752
2372	418588.57	1318222.44	52.60724	39.488691
2373	418576.84	1318221.29	52.607134	39.488672
2374	418561.31	1318226.14	52.606994	39.48874
2375	418542.88	1318242.63	52.606827	39.48898
2376	418519.59	1318258.16	52.606615	39.489204
2377	418501.15	1318284.36	52.606446	39.489587
2378	418489.51	1318311.52	52.606338	39.489986
2379	418485.36	1318334.87	52.606298	39.490329
2380	418476.38	1318355.13	52.606215	39.490626
2381	418457.46	1318377.69	52.606042	39.490956
2382	418458.07	1318382.78	52.606047	39.491031
2383	418477.96	1318408.86	52.606222	39.49142
2384	418482.32	1318418.8	52.60626	39.491567
2385	418481.75	1318428.93	52.606254	39.491717
2386	418469.59	1318436.99	52.606144	39.491833
2387	418456.63	1318451.15	52.606026	39.49204
2388	418454.31	1318448.88	52.606005	39.492006
2389	418458.67	1318443.91	52.606045	39.491933
2390	418471.65	1318430.57	52.606163	39.491739
2391	418475.77	1318420.26	52.606201	39.491588
2392	418474.2	1318412.25	52.606188	39.491469
2393	418455.03	1318389.57	52.606019	39.49113
2394	418447.27	1318382.17	52.60595	39.49102
2395	418437.81	1318381.45	52.605865	39.491007
2396	418417.68	1318399.27	52.605682	39.491266
2397	418414.48	1318406.81	52.605652	39.491376
2398	418403.26	1318401.99	52.605552	39.491303
2399	418390.33	1318399.76	52.605436	39.491267
2400	418380.57	1318402.76	52.605348	39.49131
2401	418367.12	1318410.34	52.605226	39.491419
2402	418358.18	1318416.38	52.605145	39.491506
2403	418346.34	1318421.45	52.605038	39.491578
2404	418336.57	1318426.58	52.60495	39.491652
2405	418330.06	1318430.84	52.604891	39.491714
2406	418324.33	1318440.06	52.604838	39.491849
2407	418320.21	1318451.7	52.6048	39.492019
2408	418314.52	1318460.71	52.604747	39.492151
2409	418308.67	1318465.39	52.604694	39.492219

2410	418301.52	1318468.25	52.60463	39.49226
2411	418289.27	1318473.1	52.604519	39.492329
2412	418285.83	1318479.7	52.604487	39.492426
2413	418287.55	1318493.46	52.604501	39.492629
2414	418286.13	1318505.78	52.604487	39.492811
2415	418279.76	1318516.88	52.604428	39.492973
2416	418272.84	1318522.36	52.604365	39.493052
2417	418268.67	1318525.92	52.604327	39.493104
2418	418261.57	1318523.4	52.604264	39.493066
2419	418253.7	1318521.92	52.604193	39.493042
2420	418245.3	1318521.2	52.604118	39.49303
2421	418232.48	1318515.78	52.604003	39.492947
2422	418220.94	1318512.1	52.6039	39.49289
2423	418207.1	1318511.11	52.603776	39.492873
2424	418197.73	1318513.64	52.603691	39.492908
2425	418188.66	1318523.47	52.603609	39.493051
2426	418185.92	1318535.93	52.603583	39.493235
2427	418186.16	1318555.15	52.603582	39.493518
2428	418184.24	1318574.63	52.603563	39.493806
2429	418179.73	1318586.01	52.603521	39.493973
2430	418171.92	1318595.01	52.603449	39.494104
2431	418166.41	1318598.37	52.603399	39.494152
2432	418160.11	1318599.65	52.603343	39.49417
2433	418151.71	1318598.35	52.603267	39.494149
2434	418144.51	1318595.14	52.603203	39.4941
2435	418137.19	1318591.08	52.603138	39.494039
2436	418128.77	1318589.93	52.603062	39.49402
2437	418123.54	1318590.01	52.603015	39.49402
2438	418116.34	1318588.88	52.602951	39.494002
2439	418100.82	1318589.6	52.602811	39.494009
2440	418089.17	1318587.42	52.602707	39.493975
2441	418077.53	1318583.54	52.602603	39.493915
2442	418067.34	1318581.84	52.602511	39.493888
2443	418056.67	1318580.39	52.602416	39.493864
2444	418047.45	1318576.26	52.602333	39.493801
2445	418034.78	1318562.44	52.602221	39.493595
2446	418027.26	1318548.37	52.602155	39.493386
2447	418017.25	1318535.02	52.602067	39.493187
2448	418009	1318531.87	52.601993	39.493138
2449	417998.57	1318527.99	52.6019	39.493079
2450	417991.3	1318526.53	52.601835	39.493056
2451	417982.08	1318525.81	52.601752	39.493043
2452	417973.83	1318527.26	52.601678	39.493063
2453	417963.88	1318529.93	52.601588	39.4931
2454	417960.73	1318533.57	52.601559	39.493153
2455	417960	1318539.63	52.601552	39.493243

2456	417961.46	1318549.58	52.601564	39.49339
2457	417960.97	1318558.07	52.601559	39.493515
2458	417960.97	1318565.35	52.601558	39.493622
2459	417961.94	1318571.65	52.601566	39.493716
2460	417960.73	1318580.87	52.601554	39.493851
2461	417953.21	1318589.36	52.601485	39.493975
2462	417942.78	1318594.21	52.601391	39.494045
2463	417937.69	1318598.58	52.601344	39.494108
2464	417935.75	1318603.92	52.601326	39.494186
2465	417937.88	1318606.56	52.601345	39.494226
2466	417936.17	1318608.2	52.601329	39.49425
2467	417932.48	1318611.89	52.601296	39.494303
2468	417928.6	1318613.26	52.601261	39.494323
2469	417923.67	1318611.43	52.601217	39.494295
2470	417921.03	1318607.7	52.601193	39.494239
2471	417917.56	1318605.65	52.601163	39.494208
2472	417911.78	1318605.65	52.601111	39.494207
2473	417906.73	1318607.62	52.601065	39.494235
2474	417899.38	1318610.15	52.600999	39.494271
2475	417893.52	1318611.1	52.600946	39.494284
2476	417888.05	1318610.75	52.600897	39.494277
2477	417883.48	1318609.4	52.600856	39.494256
2478	417879.21	1318607.63	52.600818	39.494229
2479	417874.43	1318603.02	52.600775	39.49416
2480	417866.23	1318590.24	52.600703	39.49397
2481	417862.63	1318581.84	52.600672	39.493845
2482	417861.91	1318576.06	52.600666	39.49376
2483	417860.42	1318569.37	52.600654	39.493661
2484	417856.36	1318565.3	52.600618	39.4936
2485	417850.99	1318564.02	52.60057	39.49358
2486	417844.02	1318567.26	52.600507	39.493626
2487	417838.71	1318570.88	52.600458	39.493679
2488	417830.34	1318573.51	52.600383	39.493716
2489	417824.21	1318573.75	52.600328	39.493718
2490	417815.83	1318569.68	52.600253	39.493656
2491	417811.69	1318567.44	52.600216	39.493622
2492	417805.81	1318565.86	52.600163	39.493598
2493	417800.92	1318569.14	52.600119	39.493645
2494	417797.73	1318576.24	52.60009	39.493749
2495	417796.04	1318583	52.600074	39.493849
2496	417790.27	1318592.86	52.60002	39.493993
2497	417784.13	1318600.16	52.599964	39.4941
2498	417776.65	1318606.11	52.599896	39.494186
2499	417770.21	1318611.09	52.599838	39.494258
2500	417765.73	1318615.45	52.599797	39.494321
2501	417759.39	1318619.84	52.59974	39.494385

2502	417753.51	1318628.16	52.599686	39.494506
2503	417748.64	1318635.36	52.599641	39.494612
2504	417744.48	1318645.39	52.599602	39.494759
2505	417742.27	1318657.4	52.599581	39.494936
2506	417744.22	1318668.62	52.599597	39.495102
2507	417745.44	1318681.98	52.599606	39.495299
2508	417747.65	1318690.83	52.599625	39.49543
2509	417755.96	1318701.84	52.599698	39.495594
2510	417763.95	1318710.79	52.599769	39.495728
2511	417768.97	1318719.87	52.599813	39.495863
2512	417769.92	1318733.26	52.59982	39.496061
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2514	417759.04	1318749.63	52.59972	39.4963
2515	417751.31	1318750.57	52.59965	39.496312
2516	417743.58	1318746.12	52.599582	39.496245
2517	417740.01	1318735.39	52.599551	39.496086
2518	417737.33	1318723.94	52.599528	39.495916
2519	417733.63	1318717.78	52.599496	39.495825
2520	417728.68	1318712.33	52.599452	39.495743
2521	417724.52	1318710.62	52.599415	39.495717
2522	417717.4	1318713	52.599351	39.495751
2523	417714.01	1318715.06	52.59932	39.495781
2524	417710.54	1318716.13	52.599289	39.495796
2525	417710.81	1318716.99	52.599291	39.495808
2526	417714.38	1318715.88	52.599323	39.495793
2527	417717.78	1318713.82	52.599354	39.495763
2528	417724.49	1318711.58	52.599414	39.495731
2529	417728.15	1318713.09	52.599447	39.495754
2530	417732.9	1318718.32	52.599489	39.495833
2531	417736.48	1318724.28	52.599521	39.495921
2532	417739.14	1318735.63	52.599543	39.496089
2533	417742.84	1318746.73	52.599575	39.496254
2534	417751.12	1318751.5	52.599649	39.496326
2535	417759.41	1318750.5	52.599723	39.496313
2536	417766.39	1318744.76	52.599787	39.49623
2537	417770.84	1318733.4	52.599828	39.496063
2538	417769.85	1318719.61	52.599821	39.495859
2539	417764.69	1318710.26	52.599776	39.49572
2540	417756.66	1318701.27	52.599705	39.495586
2541	417748.48	1318690.44	52.599633	39.495424
2542	417746.33	1318681.83	52.599614	39.495297
2543	417745.11	1318668.5	52.599605	39.4951
2544	417743.18	1318657.4	52.599589	39.494936
2545	417745.34	1318645.64	52.59961	39.494763
2546	417749.43	1318635.79	52.599648	39.494618
2547	417754.26	1318628.67	52.599692	39.494514

2548	417760.03	1318620.49	52.599745	39.494395
2549	417766.3	1318616.15	52.599802	39.494332
2550	417770.8	1318611.78	52.599843	39.494268
2551	417777.21	1318606.82	52.599901	39.494196
2552	417784.76	1318600.81	52.59997	39.494109
2553	417791	1318593.38	52.600027	39.494001
2554	417796.88	1318583.35	52.600081	39.493854
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2558	417811.36	1318568.28	52.600213	39.493635
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2562	417839.11	1318571.7	52.600462	39.493691
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2567	417861.02	1318576.22	52.600658	39.493762
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2569	417865.43	1318590.66	52.600696	39.493976
2570	417873.73	1318603.6	52.600769	39.494169
2571	417878.71	1318608.39	52.600813	39.494241
2572	417883.18	1318610.25	52.600853	39.494269
2573	417887.89	1318611.64	52.600895	39.49429
2574	417893.57	1318612.01	52.600946	39.494297
2575	417899.6	1318611.02	52.601	39.494284
2576	417907.04	1318608.46	52.601068	39.494247
2577	417911.95	1318606.55	52.601112	39.49422
2578	417917.32	1318606.55	52.60116	39.494221
2579	417920.4	1318608.38	52.601188	39.494249
2580	417923.1	1318612.17	52.601211	39.494306
2581	417928.59	1318614.22	52.601261	39.494337
2582	417932.97	1318612.67	52.6013	39.494315
2583	417936.8	1318608.85	52.601335	39.494259
2584	417938.45	1318607.26	52.60135	39.494236
2585	417939.87	1318609.01	52.601363	39.494262
2586	417944.55	1318608.11	52.601405	39.49425
2587	417947.39	1318605.37	52.601431	39.49421
2588	417954.91	1318593.97	52.6015	39.494044
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2590	417979.89	1318572.38	52.601727	39.49373
2591	417984.26	1318568.74	52.601766	39.493677
2592	417983.05	1318559.77	52.601757	39.493545
2593	417983.78	1318552.25	52.601764	39.493434

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2595	418000.03	1318539.15	52.601912	39.493244
2596	418009.73	1318539.88	52.601999	39.493257
2597	418014.58	1318541.57	52.602042	39.493283
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2599	418030.35	1318565.35	52.602181	39.493637
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2601	418051.7	1318584.02	52.602371	39.493917
2602	418063.58	1318587.42	52.602477	39.493969
2603	418074.62	1318586.94	52.602576	39.493965
2604	418086.02	1318589.6	52.602678	39.494006
2605	418096.69	1318592.51	52.602774	39.494051
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2607	418122.14	1318591.81	52.603002	39.494046
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2609	418136.61	1318592.8	52.603132	39.494064
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2611	418151.2	1318600.08	52.603262	39.494174
2612	418160.15	1318601.45	52.603343	39.494196
2613	418167.07	1318600.06	52.603405	39.494177
2614	418173.08	1318596.39	52.60346	39.494124
2615	418181.27	1318586.95	52.603534	39.493987
2616	418185.98	1318575.05	52.603578	39.493812
2617	418187.94	1318555.23	52.603598	39.49352
2618	418187.7	1318536.12	52.603598	39.493238
2619	418190.3	1318524.32	52.603623	39.493064
2620	418198.69	1318515.23	52.6037	39.492932
2621	418207.27	1318512.91	52.603777	39.492899
2622	418220.6	1318513.86	52.603897	39.492916
2623	418231.86	1318517.45	52.603998	39.492972
2624	418244.87	1318522.95	52.604114	39.493055
2625	418253.46	1318523.69	52.604191	39.493068
2626	418261.11	1318525.12	52.604259	39.493091
2627	418268.65	1318527.79	52.604327	39.493132
2628	418277.79	1318529.96	52.604409	39.493166
2629	418288.32	1318534.74	52.604503	39.493238
2630	418300.37	1318542.7	52.60461	39.493358
2631	418311.09	1318550.58	52.604705	39.493477
2632	418319.29	1318551.72	52.604779	39.493495
2633	418325.95	1318551.22	52.604839	39.493489
2634	418332.28	1318550.51	52.604896	39.49348
2635	418337.46	1318551.2	52.604942	39.493491
2636	418343.9	1318554.79	52.605	39.493546
2637	418350.9	1318563.54	52.605061	39.493676
2638	418365.13	1318561.51	52.60519	39.493649
2639	418375.79	1318556.05	52.605286	39.493571

2640	418386.24	1318547.09	52.605381	39.493441
2641	418391.21	1318532.44	52.605428	39.493226
2642	418392.44	1318516.16	52.605441	39.492986
2643	418389	1318504.37	52.605411	39.492811
2644	418384.19	1318487.04	52.60537	39.492554
2645	418384.66	1318470.33	52.605376	39.492308
2646	418388.46	1318459.64	52.605412	39.492151
2647	418393.96	1318451.04	52.605462	39.492025
2648	418400.48	1318443.08	52.605522	39.491909
2649	418399.1	1318441.95	52.60551	39.491892
2650	418392.52	1318450	52.60545	39.492009
2651	418386.86	1318458.86	52.605398	39.492139
2652	418382.89	1318470	52.605361	39.492302
2653	418382.4	1318487.26	52.605354	39.492557
2654	418387.29	1318504.86	52.605396	39.492818
2655	418390.64	1318516.35	52.605424	39.492988
2656	418389.45	1318532.09	52.605412	39.49322
2657	418384.71	1318546.06	52.605367	39.493425
2658	418374.79	1318554.57	52.605277	39.493549
2659	418364.58	1318559.79	52.605185	39.493624
2660	418351.65	1318561.63	52.605068	39.493648
2661	418345.07	1318553.4	52.60501	39.493526
2662	418338.04	1318549.48	52.604948	39.493466
2663	418332.3	1318548.71	52.604896	39.493454
2664	418325.78	1318549.45	52.604837	39.493463
2665	418319.34	1318549.93	52.60478	39.493469
2666	418311.78	1318548.88	52.604712	39.493452
2667	418301.39	1318541.24	52.604619	39.493337
2668	418289.18	1318533.18	52.604511	39.493216
2669	418278.37	1318528.27	52.604414	39.493141
2670	418270.77	1318526.47	52.604346	39.493113
2671	418273.97	1318523.73	52.604375	39.493073
2672	418281.13	1318518.06	52.60444	39.492991
2673	418287.86	1318506.35	52.604502	39.492819
2674	418289.34	1318493.45	52.604517	39.492629
2675	418287.67	1318480.03	52.604504	39.492431
2676	418290.54	1318474.51	52.60453	39.49235
2677	418302.18	1318469.9	52.604635	39.492284
2678	418309.58	1318466.94	52.604702	39.492242
2679	418315.86	1318461.91	52.604759	39.492169
2680	418321.82	1318452.49	52.604814	39.492031
2681	418325.94	1318440.84	52.604853	39.49186
2682	418331.37	1318432.11	52.604902	39.491733
2683	418337.47	1318428.12	52.604958	39.491675
2684	418347.11	1318423.06	52.605045	39.491602
2685	418359.04	1318417.95	52.605153	39.491529

2686	418368.06	1318411.86	52.605235	39.491441
2254	418381.28	1318404.4	52.605354	39.491334
2687	418935.36	1317569.25	52.610437	39.479121
2688	418921.05	1317607.58	52.610304	39.479684
2689	418925.07	1317608.99	52.61034	39.479706
2690	418939.48	1317569.74	52.610474	39.47913
2691	418941.3	1317561.85	52.610491	39.479013
2692	418947.74	1317549	52.610551	39.478825
2693	418955.13	1317538.74	52.610618	39.478675
2694	418960.5	1317534.77	52.610667	39.478618
2695	418968.73	1317530.53	52.610742	39.478557
2696	418972.86	1317522.79	52.61078	39.478443
2697	418974.74	1317511.72	52.610798	39.47828
2698	418979.62	1317508.84	52.610842	39.478239
2699	418986.68	1317505.06	52.610906	39.478184
2700	418992.97	1317493.73	52.610964	39.478018
2701	418994.87	1317485.68	52.610982	39.4779
2702	419002.4	1317479.29	52.611051	39.477807
2703	419008.51	1317477.83	52.611106	39.477787
2704	419015.38	1317470.95	52.611168	39.477687
2705	419021.88	1317459.4	52.611228	39.477518
2706	419030.03	1317453.81	52.611302	39.477437
2707	419039.86	1317450.62	52.611391	39.477392
2708	419053.89	1317435.22	52.611519	39.477167
2709	419057.03	1317427.44	52.611548	39.477053
2710	419059.01	1317419.41	52.611567	39.476935
2711	419059.87	1317410.89	52.611575	39.476809
2712	419059.63	1317402.35	52.611574	39.476683
2713	419059.63	1317387.21	52.611576	39.47646
2714	419059.87	1317374.06	52.61158	39.476266
2715	419058.39	1317359.03	52.611569	39.476044
2716	419053.62	1317347.58	52.611527	39.475874
2717	419055.16	1317341.62	52.611542	39.475786
2718	419061.44	1317333.96	52.611599	39.475674
2719	419072.51	1317327.45	52.611699	39.47558
2720	419082.17	1317318.97	52.611787	39.475457
2721	419089.22	1317310.91	52.611851	39.47534
2722	419090.73	1317301.57	52.611866	39.475202
2723	419091.2	1317292.23	52.611872	39.475064
2724	419096.36	1317287.07	52.611919	39.474989
2725	419100.47	1317279.09	52.611956	39.474872
2726	419099.17	1317268.9	52.611946	39.474721
2727	419093.54	1317263.52	52.611896	39.474641
2728	419092.01	1317257.43	52.611883	39.474551
2729	419094.88	1317251.69	52.61191	39.474467
2730	419094.07	1317243.25	52.611903	39.474342

2731	419088.81	1317240.62	52.611856	39.474302
2732	419081.72	1317234.22	52.611794	39.474206
2733	419081.06	1317226.49	52.611789	39.474092
2734	419085.35	1317218.8	52.611828	39.473979
2735	419095.49	1317212.91	52.61192	39.473894
2736	419104.51	1317208.4	52.612002	39.47383
2737	419109.08	1317199.97	52.612044	39.473706
2738	419114.99	1317197.78	52.612097	39.473675
2739	419123.02	1317198.79	52.612169	39.473691
2740	419130.87	1317190.94	52.612241	39.473577
2741	419133.76	1317181.8	52.612268	39.473443
2742	419145.78	1317172.6	52.612377	39.473309
2743	419159.16	1317165.55	52.612498	39.473208
2744	419168.04	1317157.42	52.612579	39.47309
2745	419171.3	1317150.65	52.612609	39.472991
2746	419176.67	1317137.23	52.612659	39.472794
2747	419181.07	1317122.31	52.6127	39.472574
2748	419183.27	1317108.62	52.612721	39.472373
2749	419184.75	1317092.36	52.612737	39.472133
2750	419181.76	1317082.42	52.612711	39.471986
2751	419179.17	1317075.59	52.612689	39.471884
2752	419180.1	1317065.82	52.612698	39.47174
2753	419183.09	1317058.68	52.612726	39.471635
2754	419189.42	1317053.06	52.612784	39.471554
2755	419197.64	1317047.02	52.612858	39.471466
2756	419212.28	1317035.74	52.612991	39.471303
2757	419226.74	1317031.47	52.613122	39.471243
2758	419237.86	1317031.24	52.613222	39.471242
2759	419248.63	1317033.63	52.613318	39.471279
2760	419261.33	1317036.8	52.613432	39.471328
2761	419276.72	1317037.78	52.61357	39.471346
2762	419291.91	1317038.52	52.613706	39.47136
2763	419311.45	1317034.17	52.613882	39.4713
2764	419320.11	1317031.45	52.613961	39.471261
2765	419328.18	1317026.65	52.614034	39.471192
2766	419333.19	1317019.64	52.614079	39.47109
2767	419338.86	1317010.42	52.614132	39.470955
2768	419348.26	1317005.84	52.614217	39.470889
2769	419357.74	1317006.3	52.614302	39.470898
2770	419365.17	1317009.32	52.614368	39.470944
2771	419372.13	1317015.07	52.61443	39.47103
2772	419382.05	1317021.52	52.614518	39.471127
2773	419391.58	1317023.53	52.614604	39.471159
2774	419400.54	1317023.53	52.614684	39.471161
2775	419407.72	1317022.05	52.614749	39.47114
2776	419418.8	1317019.09	52.614849	39.471099

2777	419429.86	1317012.95	52.614949	39.47101
2778	419438.63	1317007.34	52.615028	39.470929
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2780	419460.33	1316989.92	52.615225	39.470677
2781	419469.18	1316978.2	52.615306	39.470505
2782	419481.05	1316972.86	52.615414	39.470429
2783	419488.98	1316969.37	52.615485	39.470379
2784	419504.13	1316965.08	52.615622	39.470319
2785	419517.55	1316965.93	52.615743	39.470334
2786	419531.68	1316963	52.61587	39.470294
2787	419545.06	1316962.51	52.61599	39.470289
2788	419562.76	1316947.68	52.616151	39.470074
2789	419571.08	1316930.05	52.616228	39.469815
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2792	419602.6	1316912.61	52.616513	39.469564
2793	419614.54	1316923.6	52.616619	39.469729
2794	419630.46	1316934.54	52.616761	39.469893
2795	419652.85	1316932.55	52.616962	39.469869
2796	419667.35	1316926.55	52.617093	39.469783
2797	419678.22	1316912.22	52.617193	39.469574
2798	419688.43	1316897.15	52.617286	39.469353
2799	419696.26	1316885.4	52.617358	39.469181
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2804	419741.46	1316805.79	52.617774	39.468015
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2807	419783.59	1316777.73	52.618156	39.467609
2808	419788.6	1316762.69	52.618203	39.467388
2809	419786.14	1316751.86	52.618182	39.467228
2810	419786.61	1316740.11	52.618188	39.467055
2811	419793.59	1316726.15	52.618252	39.46685
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2813	419833.02	1316713.69	52.618608	39.466674
2814	419851.94	1316701.74	52.61878	39.466501
2815	419858.42	1316680.81	52.61884	39.466194
2816	419858.42	1316658.66	52.618843	39.465867
2817	419879.69	1316626.87	52.619038	39.465402
2818	419897.23	1316615.82	52.619197	39.465242
2819	419913.85	1316603.78	52.619348	39.465068
2820	419933.74	1316597.55	52.619527	39.46498
2821	419952.73	1316594.62	52.619698	39.46494
2822	419969.82	1316586.45	52.619853	39.464823

2823	419983.63	1316570.91	52.619979	39.464596
2824	419991.96	1316555.72	52.620055	39.464374
2825	420003.42	1316529.88	52.620162	39.463995
2826	420007.95	1316511.27	52.620205	39.463721
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2828	420031.3	1316509.21	52.620415	39.463695
2829	420045.86	1316493.68	52.620547	39.463469
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2831	420070.36	1316443.47	52.620774	39.462732
2832	420069.14	1316428.19	52.620765	39.462506
2833	420058.47	1316415.09	52.62067	39.462311
2834	420055.08	1316398.11	52.620642	39.46206
2835	420065.26	1316371.43	52.620737	39.461668
2836	420085.64	1316343.77	52.620923	39.461263
2837	420082.73	1316324.37	52.620899	39.460976
2838	420070.6	1316329.7	52.62079	39.461053
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2840	420068.66	1316306.9	52.620775	39.460716
2841	420079.82	1316285.56	52.620878	39.460403
2842	420089.04	1316269.06	52.620963	39.460161
2843	420104.08	1316263.72	52.621099	39.460085
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2845	420106.99	1316238.5	52.621128	39.459713
2846	420112.81	1316214.72	52.621183	39.459364
2847	420117.17	1316184.16	52.621226	39.458913
2848	420132.7	1316137.59	52.621371	39.458229
2849	420137.16	1316128.52	52.621412	39.458096
2850	420142.4	1316119.67	52.62146	39.457966
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2852	420151.71	1316108.26	52.621545	39.4578
2853	420155.22	1316103.7	52.621577	39.457733
2854	420166.08	1316095.97	52.621676	39.457621
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2859	420168.55	1316051.95	52.621704	39.456972
2860	420163.1	1316044.37	52.621655	39.456859
2861	420160.99	1316033.58	52.621638	39.456699
2862	420162.41	1316022.18	52.621652	39.456531
2863	420166.76	1316008.41	52.621693	39.456328
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2865	420176.17	1315972.68	52.621782	39.455803
2866	420185.73	1315960.02	52.621869	39.455618
2867	420194.79	1315950.25	52.621952	39.455475
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2871	420225.17	1315924.63	52.622228	39.455103
2872	420230.73	1315911.33	52.622279	39.454908
2873	420241.91	1315893.62	52.622382	39.454649
2874	420246.95	1315885.22	52.622428	39.454526
2875	420255.67	1315876.5	52.622508	39.454399
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2877	420268.33	1315853.41	52.622624	39.45406
2878	420274.96	1315846.78	52.622684	39.453964
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2881	420307.95	1315812.24	52.622985	39.45346
2882	420311.13	1315804.17	52.623015	39.453342
2883	420316.04	1315789.45	52.62306	39.453125
2884	420316.53	1315771.98	52.623067	39.452867
2885	420315.27	1315758.72	52.623057	39.452671
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2888	420311.76	1315721.24	52.62303	39.452117
2889	420318.4	1315719.08	52.62309	39.452087
2890	420316.92	1315712.54	52.623078	39.45199
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2892	420316.45	1315709.84	52.623074	39.45195
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2894	420314	1315709.09	52.623052	39.451938
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2905	420300.43	1315822.87	52.622916	39.453616
2906	420287.74	1315834.13	52.622801	39.453779
2907	420273.64	1315845.31	52.622673	39.453942
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2925	420161.24	1316045.17	52.621639	39.45687
2926	420166.95	1316053.11	52.621689	39.456988
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2932	420153.97	1316102.16	52.621566	39.45771
2933	420147.14	1316108.5	52.621504	39.457802
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2959	420001.22	1316446.14	52.620152	39.462758
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2963	419991.04	1316501.93	52.620054	39.463579
2964	420005.9	1316510.39	52.620186	39.463707
2965	420001.33	1316529.17	52.620143	39.463984
2966	419989.99	1316554.75	52.620038	39.464359
2967	419981.82	1316569.64	52.619963	39.464577
2968	419968.47	1316584.66	52.619841	39.464796
2969	419952.08	1316592.5	52.619693	39.464909
2970	419933.24	1316595.4	52.619523	39.464948
2971	419912.85	1316601.78	52.619339	39.465038
2972	419896	1316614	52.619186	39.465215
2973	419878.12	1316625.26	52.619024	39.465377
2974	419856.22	1316657.99	52.618823	39.465856
2975	419856.22	1316680.48	52.618821	39.466188
2976	419850.08	1316700.31	52.618763	39.46648
2977	419832.13	1316711.65	52.6186	39.466644
2978	419808.46	1316717.93	52.618387	39.466732
2979	419792	1316724.41	52.618238	39.466824
2980	419784.43	1316739.55	52.618168	39.467046
2981	419783.93	1316752.06	52.618162	39.46723
2982	419786.32	1316762.58	52.618182	39.467386
2983	419781.63	1316776.65	52.618139	39.467593
2984	419771.22	1316789.42	52.618043	39.467779
2985	419756.43	1316797.05	52.61791	39.467889
2986	419740.31	1316803.89	52.617764	39.467987
2987	419726.56	1316815.19	52.617639	39.468151
2988	419717.2	1316824.55	52.617554	39.468287
2989	419708.31	1316840.35	52.617472	39.468519
2990	419703.93	1316859.83	52.61743	39.468805
2991	419694.3	1316884.38	52.617341	39.469166
2992	419686.6	1316895.92	52.61727	39.469335
2993	419676.43	1316910.93	52.617177	39.469554
2994	419665.96	1316924.74	52.617081	39.469756
2995	419652.32	1316930.39	52.616958	39.469837
2996	419631.05	1316932.28	52.616767	39.46986
2997	419615.92	1316921.87	52.616632	39.469703
2998	419603.6	1316910.54	52.616523	39.469534
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3000	419579.07	1316912.61	52.616302	39.469559
3001	419569.14	1316929	52.616211	39.469799
3002	419560.97	1316946.3	52.616135	39.470053
3003	419544.22	1316960.34	52.615983	39.470257
3004	419531.41	1316960.81	52.615868	39.470261
3005	419517.4	1316963.71	52.615742	39.470301
3006	419503.89	1316962.86	52.61562	39.470286

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3008	419480.16	1316970.85	52.615406	39.470399
3009	419467.77	1316976.42	52.615294	39.470479
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3011	419449.82	1316997.32	52.61513	39.470784
3012	419437.43	1317005.5	52.615018	39.470902
3013	419428.73	1317011.06	52.614939	39.470982
3014	419417.97	1317017.04	52.614842	39.471068
3015	419407.21	1317019.9	52.614745	39.471108
3016	419400.32	1317021.33	52.614682	39.471128
3017	419391.81	1317021.33	52.614606	39.471126
3018	419382.91	1317019.46	52.614526	39.471097
3019	419373.43	1317013.3	52.614442	39.471004
3020	419366.31	1317007.41	52.614379	39.470916
3021	419358.22	1317004.12	52.614306	39.470866
3022	419347.81	1317003.61	52.614213	39.470856
3023	419337.32	1317008.73	52.614118	39.470929
3024	419331.35	1317018.43	52.614063	39.471071
3025	419326.66	1317025	52.61402	39.471167
3026	419319.2	1317029.42	52.613953	39.471231
3027	419310.88	1317032.04	52.613877	39.471268
3028	419291.73	1317036.3	52.613705	39.471327
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3031	419249.14	1317031.49	52.613323	39.471247
3032	419238.08	1317029.03	52.613224	39.471209
3033	419226.4	1317029.28	52.613119	39.47121
3034	419211.26	1317033.74	52.612982	39.471273
3035	419196.31	1317045.26	52.612846	39.471144
3036	419188.03	1317051.35	52.612771	39.471528
3037	419181.26	1317057.37	52.61271	39.471616
3038	419177.94	1317065.28	52.612679	39.471732
3039	419176.93	1317075.89	52.612669	39.471888
3040	419179.68	1317083.12	52.612692	39.471996
3041	419182.52	1317092.59	52.612717	39.472136
3042	419181.08	1317108.35	52.612702	39.472368
3043	419178.92	1317121.82	52.612681	39.472567
3044	419174.59	1317136.5	52.61264	39.472782
3045	419169.28	1317149.76	52.612591	39.472977
3046	419166.24	1317156.09	52.612563	39.47307
3047	419157.89	1317163.73	52.612487	39.473181
3048	419144.59	1317170.74	52.612366	39.473282
3049	419131.87	1317180.47	52.612251	39.473423
3050	419128.93	1317189.76	52.612223	39.473559
3051	419122.23	1317196.47	52.612162	39.473657
3052	419114.73	1317195.53	52.612095	39.473642

3053	419107.54	1317198.2	52.61203	39.47368
3054	419102.9	1317206.75	52.611987	39.473805
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3056	419083.73	1317217.21	52.611814	39.473955
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3058	419079.6	1317235.27	52.611774	39.474221
3059	419087.55	1317242.45	52.611845	39.474329
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3061	419092.63	1317251.27	52.611889	39.47446
3062	419089.68	1317257.17	52.611862	39.474546
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3068	419088.54	1317301.33	52.611847	39.475198
3069	419087.14	1317309.94	52.611833	39.475325
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3071	419071.22	1317325.66	52.611688	39.475554
3072	419059.98	1317332.26	52.611586	39.475649
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3074	419051.3	1317347.74	52.611506	39.475875
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3076	419057.67	1317374.14	52.61156	39.476266
3077	419057.43	1317387.19	52.611556	39.476459
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3080	419056.83	1317419.03	52.611547	39.476929
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3082	419052	1317434.03	52.611502	39.477149
3083	419038.62	1317448.71	52.61138	39.477363
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3085	419020.21	1317457.88	52.611213	39.477495
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3088	419001.37	1317477.28	52.611042	39.477777
3089	418992.89	1317484.47	52.610964	39.477882
3090	418990.9	1317492.92	52.610946	39.478006
3091	418985.07	1317503.42	52.610892	39.47816
3092	418978.54	1317506.92	52.610833	39.47821
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3094	418970.75	1317522.07	52.610761	39.478432
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3103	417395.52	1319872.04	52.596311	39.512786
3104	417390.36	1319872.25	52.596265	39.512788
3105	417378.23	1319877.83	52.596155	39.512868
3106	417354.49	1319897.32	52.595939	39.513151
3107	417336.83	1319915.05	52.595778	39.513408
3108	417317.1	1319932.34	52.595599	39.513659
3109	417300.09	1319945.54	52.595444	39.513851
3110	417291.37	1319956.47	52.595364	39.51401
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3112	417276.96	1319980.36	52.595232	39.514359
3113	417283.73	1319988.05	52.595292	39.514474
3114	417283.92	1319992.99	52.595293	39.514547
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3116	417285.76	1320013.03	52.595307	39.514843
3117	417289.64	1320022.76	52.59534	39.514988
3118	417299.12	1320031.84	52.595424	39.515124
3119	417316.55	1320046.15	52.595579	39.515339
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3122	417361.83	1320068.04	52.595983	39.515671
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3124	417396.51	1320076.9	52.596294	39.515809
3125	417420.75	1320084.35	52.59651	39.515924
3126	417451.63	1320093.97	52.596787	39.516073
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3128	417484.37	1320113.59	52.597078	39.516369
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3132	417492.4	1320122.23	52.597149	39.516498
3133	417485.63	1320112.31	52.59709	39.51635
3134	417473.38	1320104.11	52.596981	39.516227
3135	417452.33	1320092.35	52.596793	39.516049
3136	417438.55	1320088.05	52.59667	39.515983
3137	417435.73	1320078.65	52.596646	39.515843
3138	417418.78	1320069.55	52.596495	39.515705
3139	417415.32	1320064.68	52.596464	39.515633
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3149	417314.83	1320016.06	52.595568	39.514894
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3153	417313.04	1319975.39	52.595557	39.514294
3154	417322.08	1319964.45	52.595639	39.514134
3155	417335.33	1319948.37	52.59576	39.5139
3156	417349.39	1319933.87	52.595889	39.513689
3157	417367	1319912.79	52.59605	39.513381
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3166	417420.38	1319845.46	52.596538	39.512399
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3174	417403.13	1319828.26	52.596385	39.512142
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3176	417410.68	1319832.4	52.596452	39.512204
3177	417414.62	1319834	52.596488	39.512229
3178	417417.9	1319838.72	52.596516	39.512299
3179	417418.59	1319845.31	52.596522	39.512397
3180	417417.07	1319850.76	52.596507	39.512477
3181	417414.44	1319857.27	52.596483	39.512572
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3182	417523.71	1320275.42	52.597411	39.518765
3183	417515.96	1320245.07	52.597345	39.518316
3184	417507.24	1320214.54	52.597271	39.517863
3185	417495.96	1320194.11	52.597172	39.51756
3186	417488.57	1320178.15	52.597108	39.517323
3187	417488.98	1320163.16	52.597113	39.517101
3188	417486.58	1320163.1	52.597092	39.5171

3189	417486.16	1320178.64	52.597086	39.517329
3190	417493.82	1320195.2	52.597153	39.517575
3191	417505.01	1320215.46	52.597251	39.517877
3192	417513.64	1320245.7	52.597324	39.518325
3193	417521.34	1320275.84	52.59739	39.518771
3194	417525.04	1320312.52	52.597418	39.519313
3195	417535.58	1320348.79	52.597508	39.51985
3196	417540.75	1320366.99	52.597552	39.52012
3197	417545.11	1320380.87	52.59759	39.520326
3198	417555.83	1320407.79	52.597682	39.520725
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3205	417612.41	1320485.65	52.598181	39.521886
3206	417622.75	1320497.57	52.598272	39.522064
3207	417624.33	1320496.46	52.598286	39.522048
3208	417619.84	1320490.63	52.598247	39.521961
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3216	417558.01	1320406.79	52.597702	39.520711
3217	417547.34	1320379.98	52.59761	39.520313
3218	417543.06	1320366.33	52.597573	39.520111
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3224	417724.07	1321267.19	52.599082	39.533442
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3245	417728.66	1321282.99	52.599122	39.533676
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3253	417872.41	1321031.11	52.600446	39.529991
3254	417884.55	1321015.52	52.600557	39.529763
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3257	417928.36	1320921.6	52.600963	39.528386
3258	417921.94	1320910.49	52.600907	39.528221
3259	417916.13	1320905.13	52.600855	39.528141
3260	417909.53	1320892.58	52.600798	39.527954
3261	417893.93	1320891.38	52.600658	39.527933
3262	417878.39	1320904.93	52.600516	39.52813
3263	417863.37	1320916.34	52.60038	39.528295
3264	417849.05	1320916.54	52.600251	39.528295
3265	417837.27	1320909.57	52.600146	39.528189
3266	417831.02	1320898.93	52.600091	39.528031
3267	417829.61	1320888.94	52.60008	39.527883
3268	417826.23	1320875.01	52.600051	39.527677
3269	417823.52	1320862.97	52.600029	39.527499
3270	417815.11	1320840.36	52.599956	39.527163
3271	417811.52	1320826.04	52.599926	39.526951
3272	417811.54	1320817.63	52.599927	39.526827
3273	417812.18	1320808.79	52.599934	39.526697
3274	417813.75	1320802.46	52.599949	39.526604
3275	417813.45	1320795.29	52.599947	39.526498
3276	417811.76	1320790.25	52.599932	39.526423
3277	417810.4	1320780.66	52.599921	39.526282
3278	417814.07	1320770.26	52.599956	39.526129

3279	417819.59	1320760.71	52.600007	39.525989
3280	417819.8	1320748.03	52.60001	39.525802
3281	417821.28	1320743.58	52.600024	39.525737
3282	417828.53	1320741.95	52.600089	39.525714
3283	417835.74	1320735.02	52.600155	39.525613
3284	417838.13	1320725.38	52.600178	39.525472
3285	417836.46	1320712.49	52.600164	39.525281
3286	417830.67	1320704.12	52.600114	39.525156
3287	417811.04	1320696.41	52.599938	39.525038
3288	417798.43	1320693.25	52.599825	39.524989
3289	417765.66	1320682.44	52.599532	39.524823
3290	417740.21	1320658.36	52.599307	39.524462
3291	417719.35	1320628.62	52.599123	39.524019
3292	417720.66	1320624.78	52.599135	39.523962
3293	417720.61	1320621.1	52.599135	39.523908
3294	417717.03	1320613.09	52.599104	39.523789
3295	417705.49	1320604.2	52.599002	39.523655
3296	417696.64	1320595.11	52.598923	39.523519
3297	417682.38	1320584.83	52.598797	39.523365
3298	417672.52	1320571.62	52.59871	39.523168
3299	417669.8	1320562.75	52.598686	39.523036
3300	417667.5	1320563.43	52.598666	39.523046
3301	417669	1320569.45	52.598678	39.523135
3302	417672.62	1320589.58	52.598708	39.523433
3303	417681.79	1320610.26	52.598788	39.52374
3304	417698.5	1320625.44	52.598936	39.523967
3305	417709.36	1320629.46	52.599033	39.524029
3306	417712.15	1320631.06	52.599058	39.524053
3307	417717.62	1320630.77	52.599107	39.52405
3308	417738.39	1320659.95	52.59929	39.524485
3309	417764.4	1320684.55	52.599521	39.524853
3310	417797.76	1320695.56	52.599819	39.525023
3311	417810.3	1320698.7	52.599931	39.525072
3312	417829.12	1320706.09	52.600099	39.525185
3313	417834.15	1320713.38	52.600144	39.525294
3314	417835.69	1320725.24	52.600156	39.525469
3315	417833.58	1320733.77	52.600136	39.525595
3316	417827.35	1320739.76	52.600079	39.525682
3317	417819.43	1320741.53	52.600008	39.525706
3318	417817.41	1320747.62	52.599989	39.525795
3319	417817.2	1320760.05	52.599985	39.525979
3320	417811.89	1320769.25	52.599936	39.526113
3321	417807.94	1320780.41	52.599899	39.526277
3322	417809.41	1320790.81	52.599911	39.526431
3323	417811.07	1320795.73	52.599926	39.526504
3324	417811.33	1320802.06	52.599927	39.526597

3325	417809.01	1320808.12	52.599905	39.526686
3326	417807.39	1320815.1	52.59989	39.526789
3327	417805.8	1320821.43	52.599875	39.526882
3328	417802.28	1320830.06	52.599842	39.527009
3329	417804.75	1320847.51	52.599862	39.527267
3330	417807.77	1320870.19	52.599886	39.527602
3331	417816.87	1320896.28	52.599965	39.527989
3332	417827.34	1320907.41	52.600057	39.528156
3333	417835.57	1320911.35	52.600131	39.528215
3334	417848.41	1320918.95	52.600245	39.52833
3335	417864.2	1320918.72	52.600387	39.52833
3336	417879.91	1320906.8	52.60053	39.528158
3337	417894.75	1320893.85	52.600665	39.52797
3338	417908.02	1320894.87	52.600784	39.527988
3339	417913.82	1320905.88	52.600834	39.528151
3340	417914.4	1320915.21	52.600838	39.528289
3341	417909.54	1320918.93	52.600794	39.528343
3342	417905.86	1320927.41	52.60076	39.528467
3343	417904.04	1320933.39	52.600743	39.528555
3344	417899.4	1320941.09	52.6007	39.528668
3345	417893.86	1320941.65	52.60065	39.528675
3346	417888.59	1320950.15	52.600602	39.528799
3347	417876.38	1320971.78	52.600489	39.529116
3348	417866.83	1320990.99	52.600401	39.529397
3349	417854.76	1321005.38	52.600291	39.529607
3350	417841.2	1321010.51	52.600168	39.52968
3351	417827.8	1321026.59	52.600046	39.529914
3352	417812.27	1321049.23	52.599903	39.530245
3353	417807.7	1321061.53	52.599861	39.530426
3354	417811.42	1321067.04	52.599893	39.530508
3355	417811.49	1321071.96	52.599893	39.53058
3356	417814.72	1321075.57	52.599922	39.530634
3357	417808.14	1321091.88	52.599861	39.530873
3358	417810.09	1321095.35	52.599878	39.530925
3359	417798.58	1321121.73	52.599771	39.531312
3360	417792.91	1321134.69	52.599718	39.531502
3361	417799.34	1321141.43	52.599775	39.531603
3362	417805.5	1321150.24	52.599829	39.531734
3363	417805.93	1321158.5	52.599832	39.531856
3364	417801.97	1321169.04	52.599795	39.532011
3365	417796.97	1321174.2	52.59975	39.532086
3366	417797.35	1321178.8	52.599752	39.532154
3367	417808.89	1321176.41	52.599856	39.532121
3368	417814.23	1321161.87	52.599906	39.531908
3369	417813.42	1321150.12	52.5999	39.531734
3370	417818.72	1321144.01	52.599949	39.531645

3371	417827.34	1321104.47	52.600032	39.531063
3372	417839.27	1321063.14	52.600144	39.530456
3373	417842.36	1321035.92	52.600175	39.530055
3374	417848.52	1321034.56	52.600231	39.530036
3375	417849.48	1321056.79	52.600237	39.530365
3376	417863.26	1321056.35	52.600361	39.530361
3252	417866.29	1321046.46	52.600389	39.530216
3377	417833.76	1321205.87	52.600076	39.532561
3378	417836.9	1321190.88	52.600106	39.532341
3379	417835.17	1321188.6	52.600091	39.532307
3380	417832.55	1321187.93	52.600067	39.532296
3381	417791.02	1321186.97	52.599694	39.532273
3382	417784.96	1321186.21	52.59964	39.53226
3383	417773.78	1321188.08	52.599539	39.532286
3384	417767.35	1321192.7	52.599481	39.532352
3385	417759.34	1321200.36	52.599408	39.532464
3386	417767.52	1321203.31	52.599481	39.532509
3387	417775.39	1321195.64	52.599553	39.532398
3388	417782.92	1321192.46	52.599621	39.532352
3389	417788.66	1321189.61	52.599673	39.532311
3390	417804.91	1321189.52	52.599819	39.532314
3391	417817.2	1321190.14	52.599929	39.532325
3392	417832.47	1321190.4	52.600066	39.532333
3393	417831.71	1321203.99	52.600058	39.532533
3394	417830.57	1321207.58	52.600047	39.532586
3395	417824.62	1321220.23	52.599992	39.532771
3396	417818.1	1321235.49	52.599931	39.532995
3397	417807.1	1321261.99	52.599829	39.533383
3398	417809.65	1321262.91	52.599852	39.533398
3399	417820.48	1321236.63	52.599953	39.533012
3400	417826.45	1321221.31	52.600008	39.532787
3377	417833.76	1321205.87	52.600076	39.532561
3401	417285.44	1320003.02	52.595305	39.514696
3402	417285.67	1319993.25	52.595309	39.514551
3403	417286.7	1319989.58	52.595318	39.514498
3404	417296.03	1319994.39	52.595401	39.51457
3405	417302.51	1319992.86	52.59546	39.514549
3406	417309.14	1320003.01	52.595518	39.5147
3407	417313.65	1320016.32	52.595557	39.514898
3408	417315.1	1320029.56	52.595568	39.515093
3409	417314.98	1320042.33	52.595566	39.515282
3410	417300.29	1320030.52	52.595435	39.515104
3411	417291.13	1320021.75	52.595354	39.514973
3412	417287.45	1320012.51	52.595322	39.514836
3401	417285.44	1320003.02	52.595305	39.514696
3413	417376.76	1320066.95	52.596117	39.515658

3414	417361.8	1320066.28	52.595983	39.515645
3415	417348.96	1320067.36	52.595868	39.515658
3416	417331.8	1320059.79	52.595714	39.515543
3417	417319.05	1320046.24	52.595602	39.51534
3418	417338.88	1320047.56	52.59578	39.515364
3419	417342.62	1320045.31	52.595814	39.515332
3420	417345.65	1320035.67	52.595842	39.51519
3421	417358.45	1320029.02	52.595958	39.515095
3422	417388.39	1320035.62	52.596226	39.515198
3423	417393.19	1320052.43	52.596267	39.515447
3424	417414.48	1320065.58	52.596457	39.515646
3425	417417.97	1320070.47	52.596487	39.515719
3426	417434.73	1320079.48	52.596637	39.515855
3427	417437.17	1320087.62	52.596658	39.515976
3428	417421.27	1320082.67	52.596515	39.5159
3429	417397.1	1320075.24	52.596299	39.515785
3413	417376.76	1320066.95	52.596117	39.515658
3430	418711.03	1323553.18	52.607646	39.567393
3431	418714.18	1323546.62	52.607675	39.567297
3432	418719.32	1323540.82	52.607722	39.567213
3433	418722	1323539.62	52.607747	39.567195
3434	418728.19	1323554.06	52.6078	39.56741
3435	418733.95	1323573.93	52.607849	39.567704
3436	418736.82	1323590.77	52.607873	39.567954
3437	418738.76	1323608.84	52.607888	39.568221
3438	418739.22	1323623.85	52.60789	39.568442
3439	418738.46	1323633.93	52.607882	39.568591
3440	418734.31	1323631.2	52.607845	39.56855
3441	418727.88	1323624.63	52.607788	39.568451
3442	418723.73	1323607.45	52.607753	39.568197
3443	418713.29	1323576.86	52.607663	39.567743
3444	418710.53	1323567.25	52.60764	39.567601
3430	418711.03	1323553.18	52.607646	39.567393

Приложение 3
к постановлению Правительства
Липецкой области
«Об установлении местоположения
береговой линии (границы водного
объекта), границ водоохранных
зон и границ прибрежных защитных полос
водотока Каменный Лог в г. Липецке»

Граница прибрежной защитной полосы водотока Каменный Лог в г. Липецке,
протяженностью 28,64 км с учетом двух берегов

Местоположение границы прибрежной защитной полосы водотока Каменный Лог в г. Липецке, протяженностью 28,64 км с учетом двух берегов, определено в соответствии с характерными точками границы прибрежной защитной полосы водотока Каменный Лог в г. Липецке, протяженностью 28,64 км с учетом двух берегов, приведенными в таблице.

Сведения о характерных точках границы прибрежной защитной полосы
водотока Каменный Лог в г. Липецке, протяженностью 28,64 км с учетом двух
берегов

Таблица

Номер опорной точки	X МСК-48	Y МСК-48	X WGS- 84	Y WGS -84
1	417840.4	1321316.69	52.600121	39.534198
2	417835.93	1321330.48	52.600079	39.5344
3	417835.06	1321361.92	52.600067	39.534864
4	417836.17	1321380.57	52.600075	39.53514
5	417837.68	1321397.3	52.600086	39.535387
6	417836.62	1321412.97	52.600075	39.535618
7	417830.75	1321427.55	52.60002	39.535832
8	417820.64	1321439.58	52.599927	39.536007
9	417826.2	1321460.59	52.599975	39.536318
10	417830.95	1321474.22	52.600016	39.53652
11	417831.61	1321488.64	52.60002	39.536733
12	417823.64	1321568.76	52.599937	39.537914
13	417821.67	1321598.11	52.599916	39.538346
14	417820.59	1321633.69	52.599902	39.538871
15	417820.24	1321657.69	52.599895	39.539225
16	417818.34	1321692.21	52.599874	39.539734
17	417815.53	1321729.81	52.599843	39.540289

18	417817.77	1321746.58	52.599861	39.540537
19	417826.82	1321790.96	52.599937	39.541193
20	417832.4	1321826.58	52.599982	39.54172
21	417837.22	1321859.37	52.600021	39.542205
22	417843.2	1321894.57	52.60007	39.542726
23	417845.06	1321914.01	52.600084	39.543013
24	417843.87	1321928.16	52.600072	39.543222
25	417839.94	1321944.27	52.600034	39.543458
26	417831.47	1321961.77	52.599956	39.543715
27	417819.24	1321976.69	52.599844	39.543932
28	417821.56	1321987.25	52.599864	39.544089
29	417834.04	1321999.28	52.599974	39.544269
30	417849.41	1322013.7	52.60011	39.544485
31	417863.68	1322033.63	52.600236	39.544782
32	417872.73	1322054.78	52.600314	39.545096
33	417875.82	1322069.94	52.60034	39.545321
34	417876.34	1322081.14	52.600343	39.545486
35	417875.25	1322094.06	52.600332	39.545676
36	417870.87	1322106.27	52.600291	39.545856
37	417864.76	1322120.87	52.600234	39.54607
38	417858.98	1322134.3	52.60018	39.546267
39	417853.88	1322151.31	52.600132	39.546517
40	417851.13	1322162.4	52.600106	39.54668
41	417850.51	1322174.83	52.600099	39.546863
42	417852.36	1322184.97	52.600114	39.547013
43	417862.33	1322202.27	52.600202	39.54727
44	417871.66	1322215.58	52.600284	39.547469
45	417877.19	1322225.84	52.600332	39.547622
46	417884.83	1322242.3	52.600398	39.547866
47	417891.44	1322256.76	52.600456	39.548081
48	417899.04	1322270.58	52.600522	39.548286
49	417905.38	1322283.1	52.600578	39.548473
50	417916.27	1322297.04	52.600674	39.548681
51	417924.24	1322308.45	52.600744	39.548851
52	417937.2	1322320.48	52.600859	39.549031
53	417948.92	1322332.62	52.600962	39.549213
54	417963.68	1322345.83	52.601093	39.549411
55	417972.45	1322356.25	52.601171	39.549567
56	417983.02	1322361.95	52.601265	39.549653
57	417993.23	1322365.96	52.601356	39.549714
58	418006.85	1322371.66	52.601478	39.549802
59	418019.22	1322377.78	52.601588	39.549895
60	418032.14	1322383.71	52.601703	39.549985
61	418043.32	1322389.72	52.601803	39.550076
62	418056	1322397.3	52.601916	39.550191
63	418068.4	1322405.61	52.602026	39.550316

64	418087.1	1322423.4	52.602192	39.550583
65	418099.85	1322440.45	52.602304	39.550837
66	418108.12	1322452.9	52.602377	39.551023
67	418117.46	1322473	52.602458	39.551321
68	418121.73	1322486.45	52.602494	39.551521
69	418127.93	1322500.06	52.602548	39.551723
70	418134.06	1322513.45	52.602602	39.551922
71	418139.34	1322526.3	52.602647	39.552113
72	418147.37	1322544.37	52.602717	39.552381
73	418152.54	1322555.27	52.602762	39.552543
74	418158.28	1322567.96	52.602812	39.552731
75	418163.2	1322579.8	52.602855	39.552907
76	418171.98	1322598.85	52.602931	39.55319
77	418177.06	1322609.79	52.602975	39.553353
78	418181.8	1322620.38	52.603016	39.55351
79	418198.27	1322634.34	52.603162	39.55372
80	418211.56	1322637.12	52.603282	39.553764
81	418222.84	1322634.34	52.603383	39.553725
82	418243.11	1322632.1	52.603566	39.553697
83	418263.64	1322633.62	52.60375	39.553723
84	418279.06	1322636.58	52.603888	39.553771
85	418294.01	1322640.87	52.604022	39.553837
86	418312.58	1322641.89	52.604189	39.553856
87	418325.95	1322642.67	52.604309	39.553871
88	418339.03	1322644.05	52.604426	39.553894
89	418351.78	1322645.95	52.60454	39.553925
90	418363.61	1322648.01	52.604646	39.553958
91	418376.82	1322650.6	52.604765	39.553999
92	418395.32	1322656.84	52.60493	39.554095
93	418411.9	1322661.69	52.605078	39.55417
94	418423.84	1322666.2	52.605185	39.554239
95	418434.25	1322673.58	52.605277	39.554351
96	418444.93	1322683.42	52.605372	39.554498
97	418456.31	1322698.94	52.605472	39.55473
98	418461.29	1322709.56	52.605516	39.554888
99	418466.44	1322721.64	52.60556	39.555067
100	418471.38	1322732.84	52.605603	39.555233
101	418490.03	1322734.67	52.605771	39.555264
102	418510.73	1322727.62	52.605957	39.555165
103	418524.67	1322724.15	52.606083	39.555117
104	418539.36	1322719.02	52.606216	39.555044
105	418560.39	1322709.17	52.606406	39.554903
106	418579.14	1322704.85	52.606575	39.554844
107	418591.07	1322704.46	52.606682	39.554841
108	418604.09	1322705.75	52.606799	39.554863
109	418616.74	1322708.71	52.606912	39.554909

110	418636.12	1322717.98	52.607085	39.555505
111	418647.02	1322726.49	52.607182	39.555178
112	418656.73	1322736.55	52.607268	39.555329
113	418665.42	1322748.53	52.607345	39.555507
114	418673.54	1322766.14	52.607415	39.555769
115	418676.33	1322777.69	52.607439	39.555594
116	418679.77	1322794.57	52.607467	39.555619
117	418682.26	1322810.79	52.607487	39.555643
118	418682.7	1322821.67	52.60749	39.5556591
119	418681.8	1322834.68	52.60748	39.5556782
120	418680.51	1322848.43	52.607467	39.5556985
121	418679.94	1322868.45	52.607459	39.555728
122	418677.99	1322888.16	52.607439	39.5557571
123	418677.38	1322903.45	52.607431	39.5557796
124	418678.28	1322914.16	52.607438	39.5557955
125	418678.66	1322929.05	52.607439	39.5558175
126	418677.32	1322946.66	52.607425	39.5558434
127	418676.38	1322956.76	52.607415	39.5558583
128	418674.91	1322969.25	52.6074	39.5558767
129	418674.15	1322984.6	52.607391	39.5558993
130	418674.48	1322996.35	52.607393	39.5559167
131	418674.56	1323010.12	52.607392	39.555937
132	418673.35	1323025.54	52.607379	39.5559597
133	418672.11	1323037.6	52.607366	39.5559775
134	418670.47	1323060.47	52.607348	39.560112
135	418666.43	1323080.13	52.607309	39.560402
136	418660.59	1323095.95	52.607255	39.560634
137	418655.83	1323111.22	52.60721	39.560858
138	418651.08	1323122.53	52.607166	39.561024
139	418645.3	1323139.13	52.607111	39.561268
140	418644.62	1323156.62	52.607103	39.561526
141	418641.51	1323177.35	52.607072	39.561831
142	418638.23	1323194.67	52.60704	39.562086
143	418637.48	1323209.96	52.607032	39.562311
144	418639.3	1323228	52.607046	39.562578
145	418640.51	1323241	52.607055	39.56277
146	418640.4	1323253.61	52.607052	39.562956
147	418642.67	1323263.63	52.607071	39.563105
148	418645.21	1323274.75	52.607092	39.563269
149	418651.24	1323292.2	52.607144	39.563528
150	418655.39	1323306.4	52.60718	39.563739
151	418661.64	1323326.89	52.607233	39.564042
152	418665.5	1323344.43	52.607265	39.564302
153	418668.13	1323354.91	52.607288	39.564457
154	418670.43	1323367.49	52.607307	39.564644
155	418676.3	1323386.22	52.607357	39.564921

156	418682.7	1323402.82	52.607412	39.565168
157	418691.66	1323416.95	52.607491	39.565378
158	418702.3	1323430.96	52.607584	39.565587
159	418721.25	1323447.25	52.607752	39.565832
160	418744.24	1323470.24	52.607956	39.566176
161	418752.86	1323481.95	52.608032	39.566351
162	418764.95	1323504.7	52.608137	39.56669
163	418770.41	1323517.96	52.608185	39.566886
164	418777.26	1323536.6	52.608244	39.567163
165	418784.01	1323558.96	52.608301	39.567495
166	418788.25	1323580.9	52.608336	39.567819
167	418790.17	1323596.74	52.608351	39.568054
168	418791.78	1323615.78	52.608363	39.568335
169	418791.99	1323634.07	52.608363	39.568605
170	418790.59	1323655.58	52.608347	39.568922
171	418786.08	1323671.54	52.608305	39.569157
172	418773.41	1323699.74	52.608187	39.56957
173	418761.47	1323719.35	52.608077	39.569857
174	418751.76	1323730.63	52.607988	39.570021
175	418736.52	1323743.74	52.607849	39.570211
176	418718.63	1323759.42	52.607687	39.570439
177	418713.64	1323775.25	52.60764	39.570671
178	418711.58	1323786.47	52.60762	39.570836
179	418711.22	1323810.53	52.607613	39.571191
180	418711.7	1323832.22	52.607615	39.571512
181	418712.14	1323843.59	52.607617	39.571679
182	418731.06	1323861.26	52.607785	39.571944
183	418753.85	1323886.22	52.607986	39.572318
184	418768.08	1323903.85	52.608111	39.572581
185	418779.74	1323923.98	52.608213	39.572881
186	418793.84	1323938.86	52.608338	39.573104
187	418804.95	1323951.42	52.608436	39.573292
188	418815.27	1323962.19	52.608527	39.573453
189	418827.25	1323983.35	52.608632	39.573768
190	418829.51	1323998.72	52.60865	39.573995
191	418828.35	1324013.44	52.608638	39.574212
192	418841.12	1324036.32	52.60875	39.574553
193	418854.2	1324056.89	52.608864	39.574859
194	418865.02	1324062.92	52.608961	39.574951
195	418909.18	1324059.9	52.609358	39.574916
196	418944.43	1324052.29	52.609676	39.574811
197	418968.56	1324050.58	52.609893	39.574792
198	418986.94	1324053.29	52.610057	39.574836
199	418997.93	1324057.09	52.610156	39.574894
200	419012.37	1324063.38	52.610285	39.57499
201	419022.72	1324069.67	52.610377	39.575085

202	419038.97	1324085.1	52.610521	39.575317
203	419045.5	1324097.95	52.610578	39.575508
204	419050.06	1324111.46	52.610617	39.575708
205	419057	1324138.36	52.610675	39.576107
206	419059	1324158.68	52.610691	39.576407
207	419058.35	1324169.72	52.610683	39.57657
208	419054.93	1324189.71	52.61065	39.576864
209	419048.05	1324211.37	52.610585	39.577183
210	419046.54	1324225.45	52.61057	39.57739
211	419048.13	1324240.19	52.610582	39.577608
212	419051.11	1324255.41	52.610607	39.577833
213	419058.52	1324279.93	52.61067	39.578197
214	419065.55	1324295.51	52.610731	39.578428
215	419072.78	1324320.45	52.610792	39.578798
216	419077.13	1324344.44	52.610828	39.579153
217	419079.42	1324360.54	52.610847	39.579391
218	419079.88	1324381.07	52.610848	39.579694
219	419077.07	1324400.31	52.61082	39.579978
220	419072.04	1324414.51	52.610773	39.580186
221	419061.1	1324434.94	52.610672	39.580485
222	419052.09	1324448.86	52.610589	39.580689
223	419065.34	1324462.64	52.610706	39.580895
224	419075.03	1324473.08	52.610792	39.581051
225	419083.79	1324485.44	52.610869	39.581236
226	419096.29	1324506.13	52.610978	39.581544
227	419101.44	1324518.63	52.611023	39.58173
228	419115.28	1324557.58	52.611142	39.582308
229	419122.74	1324583.97	52.611205	39.582699
230	419124.46	1324594.05	52.611219	39.582848
231	419126.14	1324619.02	52.611231	39.583217
232	419123.91	1324649.95	52.611207	39.583673
233	419123.71	1324669.8	52.611202	39.583966
234	419123.07	1324685.17	52.611194	39.584193
235	419119.25	1324702.29	52.611158	39.584444
236	419112.38	1324718.71	52.611094	39.584685
237	419096.48	1324747.09	52.610947	39.585101
238	419089.81	1324757.99	52.610885	39.58526
239	419087.31	1324770.47	52.610861	39.585444
240	419078.27	1324792.18	52.610777	39.585762
241	419038.04	1324761.79	52.61042	39.585304
242	419039.36	1324752.42	52.610433	39.585166
243	419043.67	1324737.58	52.610474	39.584948
244	419053.16	1324722.11	52.610561	39.584722
245	419066.25	1324699.41	52.610682	39.58439
246	419073.12	1324682.99	52.610746	39.584149
247	419073.72	1324669.3	52.610753	39.583947

248	419073.94	1324647.39	52.610758	39.583624
249	419076.25	1324622.36	52.610782	39.583255
250	419074.58	1324597.39	52.610771	39.582886
251	419068.09	1324574.12	52.610716	39.582541
252	419056.68	1324541.55	52.610617	39.582058
253	419054.51	1324535.9	52.610599	39.581974
254	419052.56	1324530.35	52.610582	39.581892
255	419046.43	1324519.29	52.610528	39.581727
256	419042.7	1324513.94	52.610496	39.581647
257	419039.22	1324508.9	52.610465	39.581572
258	419038.28	1324506.98	52.610457	39.581543
259	419030.06	1324498.07	52.610384	39.58141
260	419020.01	1324488.07	52.610295	39.58126
261	418994.9	1324459.66	52.610074	39.580835
262	418989.69	1324454.2	52.610028	39.580754
263	418986.31	1324452.36	52.609997	39.580726
264	418986.54	1324448.09	52.61	39.580663
265	418989.97	1324443.91	52.610031	39.580602
266	418994.2	1324441.38	52.61007	39.580565
267	418999.58	1324438.05	52.610119	39.580517
268	419001.14	1324435.4	52.610133	39.580479
269	419005.25	1324428.98	52.610171	39.580385
270	419017.02	1324411.33	52.610279	39.580127
271	419027.97	1324390.9	52.61038	39.579828
272	419029.88	1324380.94	52.610399	39.579681
273	419029.91	1324367.52	52.610401	39.579483
274	419027.87	1324353.01	52.610384	39.579269
275	419024.39	1324333.04	52.610356	39.578973
276	419019.98	1324316.07	52.610319	39.578722
277	419011.61	1324297.53	52.610246	39.578446
278	419002.52	1324267.48	52.610168	39.578001
279	418998.65	1324247.67	52.610136	39.577707
280	418996.25	1324225.47	52.610118	39.577379
281	418998.96	1324200.24	52.610145	39.577007
282	419005.65	1324181.27	52.610208	39.576729
283	419009.07	1324161.28	52.610242	39.576435
284	419008.51	1324150.57	52.610238	39.576276
285	419002.69	1324127.46	52.610189	39.575934
286	418998.13	1324113.94	52.61015	39.575733
287	418991.79	1324108.95	52.610093	39.575658
288	418981.58	1324104.34	52.610002	39.575588
289	418970.59	1324100.53	52.609904	39.575529
290	418954.98	1324101.17	52.609764	39.575535
291	418916.2	1324109.54	52.609414	39.57565
292	418868.46	1324112.81	52.608985	39.575688
293	418847.8	1324114.23	52.608799	39.575704

294	418835.04	1324108.94	52.608685	39.575623
295	418822.21	1324098.81	52.608571	39.575471
296	418812.4	1324084.34	52.608485	39.575255
297	418798.84	1324063.02	52.608366	39.574937
298	418786.01	1324042.55	52.608254	39.574632
299	418781.72	1324031.5	52.608217	39.574468
300	418778.1	1324022.49	52.608185	39.574334
301	418777.39	1324012.57	52.60818	39.574188
302	418779.45	1324004.68	52.6082	39.574072
303	418779.52	1323998.24	52.608201	39.573977
304	418774.41	1323991.01	52.608156	39.573869
305	418764.61	1323987.34	52.608069	39.573813
306	418759.32	1323983.37	52.608022	39.573753
307	418756.64	1323973.56	52.607999	39.573608
308	418751.6	1323965.61	52.607955	39.573489
309	418740.93	1323956.72	52.60786	39.573355
310	418724.82	1323928.92	52.607719	39.572942
311	418716.75	1323919.74	52.607648	39.572804
312	418696.93	1323897.8	52.607473	39.572476
313	418671.44	1323873.99	52.607247	39.572119
314	418663.22	1323864.42	52.607175	39.571976
315	418661.95	1323859.36	52.607164	39.571901
316	418662.5	1323853.95	52.60717	39.571821
317	418661.72	1323833.74	52.607165	39.571523
318	418661.22	1323810.71	52.607164	39.571183
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320	418664.47	1323766.21	52.607199	39.570527
321	418665.13	1323752.37	52.607207	39.570323
322	418670.11	1323741.25	52.607253	39.57016
323	418681.37	1323725.59	52.607356	39.569931
324	418703.74	1323705.99	52.60756	39.569647
325	418719.15	1323692.73	52.6077	39.569454
326	418728.29	1323678.21	52.607784	39.569242
327	418737.97	1323657.92	52.607874	39.568945
328	418742.48	1323641.97	52.607917	39.56871
329	418742	1323636.25	52.607913	39.568626
330	418741.95	1323619.93	52.607915	39.568385
331	418740.5	1323602.47	52.607904	39.568127
332	418739.02	1323589.69	52.607893	39.567938
333	418736.08	1323573.21	52.607869	39.567694
334	418730.32	1323553.83	52.607819	39.567407
335	418723.69	1323535.75	52.607762	39.567139
336	418720.8	1323528.17	52.607737	39.567026
337	418708.71	1323505.42	52.607632	39.566688
338	418688.65	1323485.17	52.607454	39.566384
339	418668.57	1323467.9	52.607276	39.566125

340	418657.95	1323457.6	52.607182	39.565971
341	418651.17	1323446.28	52.607123	39.565802
342	418642.97	1323434.96	52.607051	39.565633
343	418637.32	1323423.91	52.607001	39.565469
344	418632.99	1323413.59	52.606964	39.565316
345	418628.76	1323401.77	52.606927	39.56514
346	418625.53	1323390.89	52.6069	39.564979
347	418621.8	1323379.71	52.606868	39.564813
348	418619.62	1323367.05	52.60685	39.564626
349	418616.76	1323355.61	52.606826	39.564456
350	418613.81	1323341.48	52.606801	39.564247
351	418607.42	1323320.5	52.606747	39.563936
352	418604.22	1323309.19	52.606719	39.563768
353	418600.17	1323298	52.606685	39.563602
354	418596.89	1323287.8	52.606656	39.563451
355	418594.59	1323277.36	52.606637	39.563297
356	418591.58	1323266.81	52.606612	39.56314
357	418590.29	1323255.42	52.606602	39.562972
358	418590.7	1323245.33	52.606607	39.562823
359	418589.8	1323235.04	52.6066	39.562671
360	418587.92	1323221.79	52.606585	39.562475
361	418587.45	1323210.3	52.606582	39.562305
362	418587.74	1323199.32	52.606586	39.562143
363	418588.52	1323188.89	52.606595	39.56199
364	418590.22	1323178.19	52.606611	39.561832
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367	418594.61	1323146.01	52.606655	39.561358
368	418595.49	1323134.73	52.606664	39.561192
369	418596.56	1323123.97	52.606676	39.561033
370	418599.8	1323113.54	52.606706	39.56088
371	418604.97	1323103.2	52.606754	39.560729
372	418609.72	1323091.89	52.606798	39.560563
373	418613.35	1323079.31	52.606832	39.560378
374	418617.71	1323068.87	52.606873	39.560225
375	418620.66	1323056.11	52.606901	39.560037
376	418621.68	1323044.46	52.606912	39.559865
377	418622.25	1323033.72	52.606918	39.559707
378	418623.58	1323020.84	52.606932	39.559517
379	418624.56	1323010.39	52.606942	39.559363
380	418624.5	1322997.75	52.606944	39.559177
381	418624.13	1322984.71	52.606942	39.558984
382	418624.37	1322974.54	52.606945	39.558834
383	418625.13	1322964.43	52.606954	39.558685
384	418626.59	1322952.12	52.606968	39.558504
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387	418628.46	1322918.35	52.60699	39.558006
388	418627.54	1322907.41	52.606983	39.557844
389	418626.48	1322893.13	52.606975	39.557633
390	418628.38	1322881.89	52.606994	39.557467
391	418629.95	1322869.49	52.60701	39.557285
392	418629.67	1322856.15	52.607009	39.557088
393	418630.71	1322843.95	52.60702	39.556908
394	418631.92	1322831.22	52.607032	39.55672
395	418632.82	1322818.21	52.607042	39.556529
396	418630.75	1322804.44	52.607026	39.556325
397	418627.73	1322789.43	52.607	39.556103
398	418624.94	1322777.88	52.606977	39.555932
399	418616.25	1322765.9	52.6069	39.555753
400	418605.35	1322757.39	52.606804	39.555625
401	418592.7	1322754.43	52.60669	39.555579
402	418580.78	1322754.83	52.606583	39.555582
403	418569.86	1322759.7	52.606484	39.555651
404	418559.64	1322764.78	52.606392	39.555724
405	418548.39	1322769.18	52.60629	39.555786
406	418537.45	1322772.53	52.606192	39.555834
407	418527.25	1322774.81	52.6061	39.555865
408	418514.65	1322779.22	52.605986	39.555927
409	418504.06	1322782.69	52.60589	39.555976
410	418492.58	1322785.65	52.605787	39.556017
411	418481.31	1322789	52.605685	39.556064
412	418469.72	1322792.37	52.60558	39.556111
413	418457.76	1322796.88	52.605472	39.556175
414	418447.84	1322797.99	52.605383	39.55619
415	418437.19	1322788.65	52.605289	39.556049
416	418432.92	1322777.94	52.605252	39.55589
417	418429.17	1322765.68	52.60522	39.555709
418	418425.62	1322753.01	52.605189	39.555521
419	418420.53	1322741.46	52.605145	39.555349
420	418416.03	1322730.8	52.605106	39.555191
421	418411.05	1322720.19	52.605063	39.555033
422	418400.37	1322710.35	52.604968	39.554886
423	418388.66	1322707.57	52.604863	39.554842
424	418378.05	1322703.76	52.604769	39.554784
425	418367.17	1322699.66	52.604671	39.554721
426	418354.99	1322697.26	52.604562	39.554683
427	418344.24	1322695.38	52.604466	39.554653
428	418333.58	1322693.75	52.60437	39.554626
429	418322.9	1322692.58	52.604274	39.554607
430	418311.38	1322691.88	52.604171	39.554594
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433	418280.28	1322688.96	52.603892	39.554544
434	418269.21	1322685.6	52.603793	39.554492
435	418257.54	1322683.25	52.603688	39.554455
436	418246.95	1322681.95	52.603594	39.554433
437	418234.82	1322682.88	52.603484	39.554444
438	418222.93	1322685.82	52.603377	39.554485
439	418212.21	1322688.18	52.603281	39.554517
440	418201.15	1322690.35	52.603181	39.554547
441	418191.17	1322690.34	52.603091	39.554545
442	418180.67	1322687.02	52.602997	39.554493
443	418170.01	1322677.75	52.602903	39.554354
444	418160.99	1322667.66	52.602823	39.554203
445	418150.74	1322660.52	52.602732	39.554096
446	418140.8	1322650.83	52.602644	39.553951
447	418136.29	1322641.09	52.602605	39.553806
448	418131.71	1322630.86	52.602565	39.553654
449	418126.78	1322620.24	52.602522	39.553496
450	418122.04	1322610.24	52.602481	39.553347
451	418117.27	1322599.58	52.602439	39.553189
452	418112.7	1322588.53	52.6024	39.553025
453	418107.33	1322576.64	52.602353	39.552848
454	418102.58	1322566.57	52.602312	39.552699
455	418097.11	1322555.55	52.602264	39.552535
456	418093.06	1322545.21	52.602229	39.552381
457	418088.51	1322534.07	52.60219	39.552216
458	418083.47	1322522.95	52.602146	39.552051
459	418078.26	1322512.82	52.6021	39.5519
460	418074.3	1322502.41	52.602066	39.551746
461	418071.3	1322492.21	52.602041	39.551595
462	418066.43	1322480.51	52.601998	39.551421
463	418058.98	1322469.26	52.601933	39.551253
464	418051.17	1322458.18	52.601864	39.551088
465	418040.37	1322447.02	52.601769	39.550921
466	418030.13	1322440.09	52.601678	39.550816
467	418019.67	1322433.77	52.601584	39.550721
468	418008.49	1322427.77	52.601485	39.55063
469	417997.68	1322422.91	52.601388	39.550556
470	417987.52	1322417.77	52.601298	39.550478
471	417974.94	1322412.5	52.601185	39.550397
472	417963.88	1322408.15	52.601087	39.550331
473	417953.15	1322403.47	52.600991	39.550259
474	417942.14	1322398.62	52.600893	39.550185
475	417934.21	1322388.46	52.600823	39.550034
476	417925.43	1322378.03	52.600745	39.549878
477	417914.56	1322369.1	52.600649	39.549744

478	417904.72	1322358.49	52.600562	39.549585
479	417894.28	1322349.57	52.600469	39.549451
480	417884.96	1322339.66	52.600387	39.549303
481	417877.97	1322329.18	52.600325	39.549147
482	417869.27	1322318.8	52.600248	39.548992
483	417861.76	1322307.92	52.600182	39.548829
484	417857.13	1322297.84	52.600142	39.54868
485	417850.52	1322287.68	52.600084	39.548528
486	417845.83	1322277.25	52.600043	39.548373
487	417840.63	1322265.68	52.599998	39.548201
488	417834.93	1322254.89	52.599948	39.548041
489	417830.72	1322244.29	52.599912	39.547884
490	417821.17	1322230.66	52.599828	39.54768
491	417813.97	1322220.05	52.599765	39.547522
492	417808.35	1322209.4	52.599716	39.547364
493	417803.95	1322198.74	52.599677	39.547206
494	417802.31	1322188.77	52.599664	39.547058
495	417800.29	1322178.68	52.599647	39.546909
496	417800.75	1322168.39	52.599653	39.546757
497	417801.32	1322157.42	52.599659	39.546595
498	417802.79	1322147.51	52.599674	39.546449
499	417805.8	1322137.57	52.599702	39.546303
500	417808.98	1322126.45	52.599732	39.54614
501	417812.3	1322116.14	52.599763	39.545989
502	417817.18	1322105.52	52.599809	39.545833
503	417820.76	1322094.41	52.599842	39.54567
504	417826.39	1322083.44	52.599894	39.545509
505	417825.88	1322072.24	52.599891	39.545344
506	417821.49	1322060.47	52.599853	39.545169
507	417814.52	1322049.52	52.599792	39.545006
508	417803.92	1322039.2	52.599698	39.544851
509	417793.54	1322031.37	52.599606	39.544734
510	417784.62	1322020.95	52.599527	39.544578
511	417774.84	1322010.23	52.599441	39.544418
512	417766.95	1322000.15	52.599371	39.544267
513	417760.82	1321990.17	52.599318	39.544119
514	417758.68	1321984.43	52.599299	39.544033
515	417756.97	1321975.71	52.599285	39.543904
516	417756.42	1321965.31	52.599281	39.543751
517	417758.2	1321957.18	52.599298	39.543631
518	417762.42	1321952.91	52.599337	39.543569
519	417769.39	1321949.83	52.5994	39.543525
520	417780.87	1321943.86	52.599504	39.54344
521	417786.19	1321939.17	52.599552	39.543372
522	417790.7	1321932.83	52.599594	39.543279
523	417793.45	1321925.87	52.599619	39.543177

524	417794.7	1321919.1	52.599631	39.543077
525	417795.14	1321911.23	52.599636	39.542961
526	417793.9	1321902.94	52.599626	39.542839
527	417787.83	1321867.19	52.599576	39.54231
528	417782.99	1321834.25	52.599537	39.541823
529	417777.82	1321800.95	52.599495	39.54133
530	417768.77	1321756.55	52.59942	39.540673
531	417766.04	1321743.08	52.599397	39.540474
532	417765.38	1321736.49	52.599392	39.540376
533	417765.57	1321727.43	52.599395	39.540243
534	417768.42	1321689.41	52.599425	39.539682
535	417770.24	1321656.96	52.599446	39.539204
536	417770.6	1321632.56	52.599453	39.538844
537	417771.73	1321595.67	52.599468	39.5383
538	417773.81	1321564.61	52.59949	39.537842
539	417781.86	1321483.69	52.599573	39.536649
540	417779.87	1321483.24	52.599555	39.536642
541	417776.5	1321504.58	52.599522	39.536957
542	417773.95	1321531	52.599496	39.537346
543	417771.44	1321565.04	52.599469	39.537848
544	417769.76	1321613.22	52.599448	39.538558
545	417767.72	1321662.96	52.599423	39.539292
546	417763.75	1321716.81	52.59938	39.540086
547	417763.12	1321738.67	52.599371	39.540408
548	417765.48	1321753.77	52.599391	39.540631
549	417770.89	1321782.14	52.599435	39.541051
550	417775.81	1321809.22	52.599476	39.541452
551	417786.82	1321875.91	52.599566	39.542438
552	417792.3	1321910.67	52.599611	39.542952
553	417791.63	1321921.01	52.599603	39.543105
554	417790.14	1321927.23	52.599589	39.543196
555	417786.21	1321934.6	52.599553	39.543304
556	417780.58	1321939.85	52.599502	39.54338
557	417772.39	1321944.02	52.599428	39.54344
558	417759.33	1321950.73	52.599309	39.543536
559	417756.16	1321956.18	52.59928	39.543616
560	417753.64	1321967.5	52.599256	39.543783
561	417755.15	1321979.16	52.599268	39.543955
562	417757.99	1321991.91	52.599292	39.544144
563	417764.22	1322002.04	52.599347	39.544295
564	417772.3	1322012.37	52.599418	39.544449
565	417782.14	1322023.15	52.599505	39.54461
566	417791.26	1322033.8	52.599585	39.544769
567	417801.76	1322041.72	52.599679	39.544888
568	417811.93	1322051.63	52.599769	39.545037
569	417818.51	1322061.96	52.599826	39.54519

570	417822.58	1322072.91	52.599862	39.545353
571	417823.03	1322082.71	52.599864	39.545498
572	417817.69	1322093.13	52.599815	39.54565
573	417814.08	1322104.31	52.599781	39.545814
574	417809.2	1322114.94	52.599736	39.54597
575	417805.8	1322125.48	52.599704	39.546125
576	417802.62	1322136.63	52.599674	39.546289
577	417799.54	1322146.78	52.599645	39.546438
578	417798.02	1322157.09	52.59963	39.54659
579	417797.43	1322168.23	52.599623	39.546754
580	417796.95	1322178.93	52.599617	39.546912
581	417799.04	1322189.37	52.599635	39.547066
582	417800.73	1322199.65	52.599648	39.547218
583	417805.34	1322210.81	52.599688	39.547384
584	417811.12	1322221.76	52.599739	39.547547
585	417818.43	1322232.54	52.599803	39.547708
586	417827.78	1322245.87	52.599885	39.547906
587	417831.91	1322256.28	52.599921	39.548061
588	417837.65	1322267.13	52.599971	39.548222
589	417842.8	1322278.61	52.600016	39.548393
590	417847.6	1322289.28	52.600058	39.548551
591	417854.21	1322299.45	52.600116	39.548703
592	417858.86	1322309.56	52.600156	39.548853
593	417866.62	1322320.82	52.600224	39.549021
594	417875.31	1322331.17	52.600301	39.549175
595	417882.35	1322341.73	52.600363	39.549333
596	417891.99	1322351.98	52.600448	39.549486
597	417902.42	1322360.89	52.600541	39.54962
598	417912.28	1322371.53	52.600628	39.549779
599	417923.09	1322380.41	52.600724	39.549912
600	417931.63	1322390.55	52.600799	39.550064
601	417940.04	1322401.33	52.600873	39.550225
602	417951.82	1322406.51	52.600978	39.550304
603	417962.61	1322411.21	52.601075	39.550376
604	417973.69	1322415.57	52.601174	39.550442
605	417986.12	1322420.78	52.601285	39.550522
606	417996.25	1322425.91	52.601375	39.5506
607	418007.03	1322430.75	52.601471	39.550674
608	418018.03	1322436.65	52.601569	39.550763
609	418028.34	1322442.89	52.601661	39.550857
610	418038.23	1322449.58	52.601749	39.550958
611	418048.61	1322460.3	52.601841	39.551119
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613	418063.49	1322482.07	52.601972	39.551443
614	418068.17	1322493.32	52.602012	39.55161
615	418071.16	1322503.47	52.602038	39.551761

616	418075.22	1322514.17	52.602073	39.55192
617	418080.48	1322524.39	52.602119	39.552071
618	418085.46	1322535.38	52.602162	39.552235
619	418089.98	1322546.45	52.602201	39.552399
620	418094.07	1322556.89	52.602237	39.552554
621	418099.59	1322568.02	52.602285	39.55272
622	418104.32	1322578.03	52.602326	39.552868
623	418109.66	1322589.85	52.602372	39.553044
624	418114.22	1322600.89	52.602412	39.553208
625	418119.03	1322611.62	52.602454	39.553367
626	418123.78	1322621.65	52.602495	39.553516
627	418128.69	1322632.23	52.602538	39.553673
628	418133.26	1322642.46	52.602577	39.553825
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630	418148.61	1322663.09	52.602712	39.554133
631	418158.77	1322670.16	52.602803	39.55424
632	418167.67	1322680.12	52.602881	39.554389
633	418179.02	1322689.98	52.602982	39.554537
634	418190.66	1322693.66	52.603086	39.554594
635	418201.47	1322693.67	52.603183	39.554596
636	418212.88	1322691.43	52.603286	39.554565
637	418223.68	1322689.05	52.603383	39.554533
638	418235.35	1322686.17	52.603489	39.554493
639	418246.87	1322685.29	52.603592	39.554482
640	418257.01	1322686.53	52.603683	39.554503
641	418268.4	1322688.82	52.603785	39.554539
642	418279.37	1322692.15	52.603883	39.554591
643	418289.73	1322694.93	52.603976	39.554634
644	418300.82	1322694.94	52.604076	39.554637
645	418311.24	1322695.19	52.604169	39.554643
646	418322.62	1322695.89	52.604272	39.554655
647	418333.15	1322697.04	52.604366	39.554675
648	418343.7	1322698.65	52.604461	39.554701
649	418354.39	1322700.52	52.604556	39.554731
650	418366.26	1322702.86	52.604663	39.554768
651	418376.9	1322706.88	52.604758	39.554829
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653	418398.76	1322713.38	52.604953	39.55493
654	418408.32	1322722.19	52.605038	39.555062
655	418413	1322732.16	52.605079	39.55521
656	418417.48	1322742.77	52.605118	39.555368
657	418422.49	1322754.13	52.605161	39.555537
658	418425.98	1322766.61	52.605191	39.555722
659	418429.79	1322779.04	52.605223	39.555906
660	418434.4	1322790.62	52.605263	39.556078
661	418446.75	1322801.45	52.605373	39.55624

662	418458.55	1322800.14	52.605479	39.556224
663	418470.77	1322795.53	52.605589	39.556158
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665	418493.47	1322788.85	52.605794	39.556065
666	418504.99	1322785.87	52.605898	39.556023
667	418515.72	1322782.36	52.605995	39.555974
668	418528.16	1322778.01	52.606107	39.555912
669	418538.3	1322775.74	52.606199	39.555881
670	418549.48	1322772.32	52.6063	39.555833
671	418560.99	1322767.82	52.606404	39.555769
672	418571.27	1322762.71	52.606497	39.555696
673	418581.54	1322758.12	52.60659	39.555631
674	418592.38	1322757.77	52.606687	39.555628
675	418603.89	1322760.46	52.60679	39.555567
676	418613.84	1322768.23	52.606878	39.555787
677	418621.87	1322779.3	52.606949	39.555952
678	418624.49	1322790.15	52.606971	39.556113
679	418627.48	1322805.01	52.606996	39.556333
680	418629.48	1322818.35	52.607012	39.55653
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683	418626.35	1322856.05	52.606979	39.557086
684	418626.62	1322869.31	52.60698	39.557281
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686	418623.13	1322892.98	52.606945	39.55763
687	418624.23	1322907.67	52.606953	39.557847
688	418625.14	1322918.52	52.60696	39.558007
689	418625.35	1322929.83	52.60696	39.558174
690	418624.23	1322941.68	52.606949	39.558349
691	418623.29	1322951.77	52.606939	39.558498
692	418621.82	1322964.11	52.606924	39.558679
693	418621.05	1322974.38	52.606916	39.558831
694	418620.81	1322984.72	52.606912	39.558983
695	418621.18	1322997.8	52.606914	39.559177
696	418621.24	1323010.24	52.606913	39.55936
697	418620.27	1323020.51	52.606902	39.559512
698	418618.94	1323033.46	52.606889	39.559702
699	418618.37	1323044.23	52.606882	39.559861
700	418617.38	1323055.59	52.606872	39.560029
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702	418610.22	1323078.21	52.606804	39.560361
703	418606.58	1323090.78	52.60677	39.560546
704	418601.95	1323101.81	52.606727	39.560707
705	418596.71	1323112.3	52.606678	39.560861
706	418593.28	1323123.3	52.606646	39.561023
707	418592.18	1323134.43	52.606635	39.561187

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709	418591.3	1323156.32	52.606624	39.56151
710	418589.19	1323167.05	52.606604	39.561667
711	418586.97	1323177.49	52.606582	39.561821
712	418585.24	1323188.32	52.606565	39.56198
713	418584.43	1323199.07	52.606556	39.562139
714	418584.13	1323210.32	52.606552	39.562305
715	418584.6	1323222.08	52.606555	39.562479
716	418586.5	1323235.41	52.60657	39.562676
717	418587.39	1323245.64	52.606577	39.562827
718	418586.99	1323255.78	52.606572	39.562976
719	418588.31	1323267.46	52.606582	39.563149
720	418591.37	1323278.17	52.606608	39.563308
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722	418597.03	1323299.08	52.606656	39.563618
723	418601.05	1323310.21	52.606691	39.563783
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725	418610.59	1323342.3	52.606772	39.564259
726	418613.52	1323356.35	52.606797	39.564467
727	418616.37	1323367.74	52.606821	39.564635
728	418618.57	1323380.52	52.606839	39.564824
729	418622.36	1323391.89	52.606871	39.564993
730	418625.6	1323402.81	52.606899	39.565155
731	418629.89	1323414.79	52.606936	39.565333
732	418634.31	1323425.31	52.606974	39.565489
733	418640.13	1323436.7	52.607025	39.565658
734	418648.4	1323448.11	52.607098	39.565829
735	418655.33	1323459.68	52.607158	39.566001
736	418666.33	1323470.35	52.607256	39.566161
737	418686.39	1323487.59	52.607434	39.56642
738	418705.47	1323506.97	52.607603	39.56671
739	418716.74	1323527.35	52.607701	39.567013
740	418719.67	1323534.5	52.607726	39.567119
741	418717.75	1323538.62	52.607709	39.56718
742	418711.9	1323544.83	52.607655	39.56727
743	418708.44	1323551.87	52.607623	39.567373
744	418707.26	1323563.49	52.607611	39.567544
745	418709.33	1323574.18	52.607628	39.567703
746	418714.8	1323590.46	52.607675	39.567944
747	418722.15	1323612.8	52.607738	39.568275
748	418726	1323626.4	52.607771	39.568477
749	418730.22	1323632.7	52.607808	39.568571
750	418737.57	1323636.88	52.607873	39.568634
751	418739.03	1323639.32	52.607886	39.568671
752	418738.49	1323645.52	52.60788	39.568762
753	418734.32	1323658.14	52.607841	39.568947

754	418727.17	1323672.55	52.607775	39.569158
755	418719.93	1323686.32	52.607708	39.56936
756	418708.23	1323699.21	52.607601	39.569548
757	418680.15	1323723.35	52.607346	39.569898
758	418670.19	1323735.81	52.607255	39.570079
759	418662.43	1323751.82	52.607183	39.570314
760	418662.08	1323765.33	52.607178	39.570513
761	418659.17	1323782.45	52.607149	39.570765
762	418659.19	1323815.5	52.607145	39.571253
763	418660.21	1323852.01	52.607149	39.571792
764	418660	1323858.71	52.607146	39.571891
765	418661.62	1323866.23	52.60716	39.572002
766	418669.94	1323876.91	52.607233	39.572162
767	418688.72	1323892.64	52.6074	39.572398
768	418706.3	1323912.16	52.607555	39.57269
769	418720.79	1323927.31	52.607683	39.572917
770	418738.75	1323957.07	52.607841	39.57336
771	418747.67	1323965.04	52.60792	39.57348
772	418754.8	1323975.1	52.607982	39.57363
773	418757.21	1323982.45	52.608003	39.573739
774	418761.33	1323987.71	52.608039	39.573817
775	418767.47	1323990.48	52.608094	39.57386
776	418773.31	1323993.73	52.608146	39.573909
777	418776.78	1324000.82	52.608176	39.574014
778	418775.31	1324010.94	52.608162	39.574163
779	418776.17	1324023.24	52.608168	39.574345
780	418784.25	1324044.01	52.608238	39.574653
781	418800.2	1324069.03	52.608378	39.575026
782	418820.73	1324100.82	52.608558	39.5755
783	418833.56	1324110.44	52.608672	39.575645
784	418847.36	1324116.58	52.608795	39.575739
785	418870.87	1324114.88	52.609006	39.575719
786	418916.24	1324112.2	52.609414	39.575689
787	418934.88	1324108.19	52.609582	39.575634
788	418951.95	1324104.67	52.609736	39.575586
789	418963.98	1324103.77	52.609844	39.575576
790	418976.68	1324105.41	52.609958	39.575603
791	418990.48	1324111.16	52.610081	39.575691
792	418996.81	1324118.65	52.610137	39.575803
793	419002.4	1324137.15	52.610185	39.576077
794	419006.17	1324150.76	52.610217	39.576279
795	419006.67	1324162.43	52.61022	39.576451
796	419002.6	1324181.72	52.610181	39.576735
797	418996.77	1324199.68	52.610126	39.576999
798	418994.07	1324215.05	52.6101	39.577225
799	418994.87	1324236.41	52.610104	39.57754

800	418999.31	1324262.64	52.61014	39.577928
801	419008.05	1324295.08	52.610214	39.578409
802	419018.12	1324316.85	52.610302	39.578733
803	419023.62	1324344.65	52.610347	39.579144
804	419026.58	1324361.93	52.610372	39.5794
805	419027.27	1324381.7	52.610375	39.579692
806	419022.56	1324394.8	52.610331	39.579884
807	419011.3	1324415.15	52.610227	39.580182
808	418999.89	1324432.68	52.610122	39.580438
809	418997.46	1324435.98	52.6101	39.580486
810	418992.71	1324438.92	52.610057	39.580529
811	418988.07	1324441.69	52.610015	39.580569
812	418983.72	1324447	52.609975	39.580646
813	418983.33	1324454.02	52.60997	39.580749
814	418987.92	1324456.51	52.610011	39.580787
815	418992.77	1324461.6	52.610054	39.580863
816	419017.92	1324490.04	52.610276	39.581289
817	419027.99	1324500.07	52.610365	39.581439
818	419035.88	1324508.63	52.610435	39.581567
819	419040.34	1324515.58	52.610474	39.581671
820	419043.98	1324520.82	52.610506	39.581749
821	419049.92	1324531.54	52.610558	39.581909
822	419051.8	1324536.89	52.610574	39.581988
823	419053.97	1324542.54	52.610593	39.582072
824	419065.34	1324574.99	52.610691	39.582553
825	419071.72	1324597.88	52.610745	39.582893
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827	419071.06	1324647.25	52.610732	39.583621
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829	419070.27	1324682.35	52.61072	39.584139
830	419063.66	1324698.13	52.610659	39.58437
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840	419021.06	1324646.75	52.610283	39.583603
841	419023.21	1324621.69	52.610306	39.583233
842	419022.18	1324606.35	52.610299	39.583007
843	419017.62	1324589.98	52.61026	39.582764
844	419007.03	1324559.77	52.610169	39.582316
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847	418955.93	1324495.42	52.609719	39.581354
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849	418934.62	1324465.29	52.609531	39.580905
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851	418937.11	1324428.88	52.609559	39.580368
852	418945.05	1324415.3	52.609632	39.580169
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855	418974.44	1324353.72	52.609904	39.579267
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858	418951.03	1324275.64	52.609705	39.578109
859	418945.57	1324244.76	52.60966	39.577652
860	418944.11	1324216.92	52.60965	39.577241
861	418944.83	1324206.41	52.609658	39.577086
862	418947.53	1324191.03	52.609685	39.57686
863	418954.23	1324168.81	52.609748	39.576533
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868	418850.98	1324166.45	52.608821	39.576475
869	418838.74	1324165.83	52.608711	39.576464
870	418827.02	1324162.26	52.608606	39.576408
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872	418790.74	1324140.82	52.608283	39.576084
873	418778.73	1324127.95	52.608177	39.575891
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875	418742.09	1324070.89	52.607855	39.575041
876	418729.57	1324041.37	52.607747	39.574602
877	418726.29	1324026.72	52.607719	39.574385
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882	418670.16	1323946.71	52.607226	39.573192
883	418653.92	1323928.71	52.607082	39.572923
884	418637.84	1323915.25	52.60694	39.57272
885	418622.18	1323896.97	52.606801	39.572447
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887	418610.02	1323857.14	52.606698	39.571857
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893	418641.08	1323692.14	52.606999	39.569428
894	418673.29	1323663.31	52.607292	39.56901
895	418682.52	1323650.03	52.607377	39.568816
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897	418674.33	1323627.43	52.607306	39.568481
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903	418662.26	1323534.35	52.607211	39.567104
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905	418633.73	1323508.26	52.606958	39.566713
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907	418612.44	1323485.38	52.60677	39.566371
908	418599.64	1323466.03	52.606657	39.566082
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910	418583.79	1323434.15	52.606519	39.565608
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912	418574.67	1323406.93	52.606441	39.565204
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917	418553.43	1323325.54	52.606261	39.563999
918	418546.09	1323304	52.606198	39.563679
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927	418537.59	1323169.62	52.60614	39.561694
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932	418548.97	1323097.45	52.606252	39.560631
933	418556.49	1323080.94	52.606321	39.560389
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1069	417736.61	1321405.99	52.599177	39.535493
1070	417735.16	1321388.3	52.599166	39.535232
1071	417723.74	1321370.51	52.599066	39.534967
1072	417714.56	1321351.92	52.598986	39.534691
1073	417708.39	1321341.55	52.598932	39.534536
1074	417693.51	1321321.96	52.598801	39.534244
1075	417678.94	1321306.3	52.598672	39.53401

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1078	417673.6	1321266.98	52.598629	39.533428
1079	417676.42	1321252.03	52.598656	39.533208
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1082	417707.15	1321187	52.598941	39.532255
1083	417724.76	1321164.26	52.599102	39.531924
1084	417738.17	1321152.09	52.599224	39.531747
1085	417743.26	1321128.75	52.599273	39.531404
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1087	417752.77	1321101.71	52.599362	39.531007
1088	417758.39	1321088.81	52.599414	39.530818
1089	417760.71	1321077.6	52.599436	39.530653
1090	417757.73	1321059.57	52.599412	39.530386
1091	417760.83	1321044.1	52.599442	39.530158
1092	417765.41	1321031.79	52.599485	39.529978
1093	417771.04	1321020.94	52.599537	39.529819
1094	417786.56	1320998.31	52.599679	39.529488
1095	417802.78	1320978.51	52.599827	39.529199
1096	417823.52	1320963.73	52.600016	39.528986
1097	417811.99	1320955.5	52.599913	39.528862
1098	417790.91	1320941.66	52.599725	39.528653
1099	417780.44	1320930.53	52.599633	39.528487
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1103	417752.77	1320837.08	52.599396	39.527102
1104	417752.66	1320823.91	52.599397	39.526907
1105	417755.98	1320811.18	52.599429	39.52672
1106	417759.99	1320798.16	52.599466	39.526529
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1112	417748.74	1320732.04	52.599374	39.525551
1113	417730.04	1320720.87	52.599207	39.525382
1114	417704.03	1320696.26	52.598977	39.525013
1115	417687.51	1320674.69	52.598831	39.524692
1116	417664.88	1320662.45	52.598629	39.524506
1117	417648.18	1320647.28	52.598481	39.524279
1118	417636.09	1320630.54	52.598375	39.524029
1119	417626.91	1320609.85	52.598295	39.523722
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1127	417572.97	1320521.21	52.597822	39.522403
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1129	417548.64	1320502.71	52.597606	39.522124
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1131	417533.16	1320476.89	52.59747	39.52174
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1134	417511.53	1320430.98	52.597281	39.521058
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1136	417493.05	1320381.97	52.597122	39.520331
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1141	417458.49	1320234.65	52.59683	39.51815
1142	417450.05	1320219.37	52.596756	39.517923
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1145	417436.6	1320161.74	52.596643	39.517069
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1150	417352.84	1320118.97	52.595896	39.516421
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1157	417255.06	1320058.87	52.595025	39.515513
1158	417243.2	1320041.28	52.594921	39.515251
1159	417236.84	1320023.35	52.594866	39.514985
1160	417233.89	1320004.13	52.594842	39.514701
1161	417226.97	1319979.91	52.594783	39.514342
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1179	417255.4	1319730.33	52.59507	39.510666
1180	417237.81	1319714.45	52.594914	39.510428
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1186	417209.97	1319625.95	52.594675	39.509116
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1191	417235.17	1319557.29	52.594911	39.508108
1192	417235.08	1319546.67	52.594911	39.507952
1193	417236.2	1319535.75	52.594923	39.507791
1194	417226.56	1319519.74	52.594838	39.507553
1195	417220.04	1319505.62	52.594781	39.507343
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1202	417237.82	1319369.9	52.594958	39.505344
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1205	417256.08	1319327.3	52.595128	39.504719
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1207	417284.18	1319314.44	52.595382	39.504535
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1212	417341.32	1319358.71	52.59589	39.505201
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1215	417341.4	1319413.33	52.595883	39.506006
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1217	417327.58	1319439.6	52.595756	39.506391
1218	417320.21	1319461.35	52.595687	39.506711
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1220	417336.35	1319500.54	52.595827	39.507292
1221	417340.03	1319523.48	52.595857	39.507631
1222	417339.6	1319535.29	52.595852	39.507806
1223	417336.88	1319551.58	52.595825	39.508045
1224	417337.1	1319565.6	52.595825	39.508252
1225	417336.5	1319576.93	52.595819	39.508419
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1228	417334.04	1319626.36	52.59579	39.509148
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1241	417464.36	1319756.04	52.596944	39.511089
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1247	417468.53	1319858.92	52.596969	39.512608
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1256	417416.55	1319992.65	52.596485	39.51457
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1258	417436.5	1320019	52.59666	39.514963
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1265	417540.55	1320108.74	52.597584	39.516309
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1354	417287.76	1319391.53	52.595404	39.505674
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1376	417267.1	1319596.04	52.595193	39.508687
1377	417267.94	1319602.28	52.595199	39.508779
1378	417281.97	1319605.86	52.595325	39.508835
1379	417284.28	1319607.41	52.595345	39.508858
1380	417282.71	1319619.71	52.59533	39.509039
1381	417279.54	1319631.66	52.5953	39.509215
1382	417271.55	1319640.74	52.595227	39.509347
1383	417266.8	1319641.62	52.595184	39.509359
1384	417257.24	1319642.25	52.595098	39.509367
1385	417261.77	1319659.67	52.595137	39.509625
1386	417268.43	1319671.34	52.595195	39.509798
1387	417278.46	1319685.34	52.595283	39.510007
1388	417286.95	1319691.43	52.595359	39.510098
1389	417300.12	1319703.48	52.595475	39.510279
1390	417314.73	1319710.42	52.595606	39.510384
1391	417324.93	1319714.09	52.595697	39.510441
1392	417344.99	1319720.32	52.595876	39.510537
1393	417360.74	1319723.59	52.596018	39.510588
1394	417383.36	1319731.22	52.59622	39.510706
1395	417396.58	1319746.92	52.596337	39.51094
1396	417399.44	1319755.38	52.596361	39.511066

1397	417397.33	1319763.52	52.596341	39.511185
1398	417390.88	1319772.35	52.596282	39.511314
1399	417385.14	1319781.26	52.596229	39.511445
1400	417385.8	1319794.2	52.596234	39.511636
1401	417392.78	1319794.58	52.596296	39.511643
1402	417393.5	1319783.52	52.596304	39.511148
1403	417399.82	1319776.83	52.596362	39.511382
1404	417407.65	1319764.09	52.596434	39.511196
1405	417409.72	1319756.59	52.596453	39.511086
1406	417415.13	1319747.29	52.596503	39.51095
1407	417417.48	1319734.07	52.596526	39.510755
1408	417414.28	1319720.61	52.596499	39.510556
1409	417407.38	1319715.14	52.596438	39.510474
1410	417394.35	1319713.1	52.596321	39.510441
1411	417376.17	1319705.41	52.596159	39.510323
1412	417357.95	1319695.18	52.595996	39.510169
1413	417344.93	1319693.3	52.595879	39.510138
1414	417336.74	1319697.07	52.595805	39.510192
1415	417324.71	1319698.68	52.595697	39.510213
1416	417308.59	1319691.12	52.595553	39.510098
1417	417298.31	1319681.89	52.595462	39.50996
1418	417287.86	1319671.39	52.595369	39.509803
1419	417281.05	1319661.15	52.59531	39.50965
1420	417275.67	1319650.74	52.595263	39.509496
1421	417272.77	1319642.02	52.595238	39.509366
1422	417281.14	1319632.51	52.595314	39.509228
1423	417284.44	1319620.05	52.595345	39.509045
1424	417286.16	1319606.56	52.595362	39.508846
1425	417282.7	1319604.23	52.595332	39.508811
1426	417269.52	1319600.87	52.595214	39.508759
1427	417268.94	1319596.48	52.595209	39.508694
1428	417271.52	1319592.74	52.595233	39.508639
1429	417276.62	1319589.57	52.595279	39.508593
1430	417283.05	1319580.3	52.595338	39.508458
1431	417286.63	1319573.29	52.595371	39.508355
1432	417287.11	1319566.7	52.595376	39.508258
1433	417286.94	1319559.14	52.595376	39.508147
1434	417286.84	1319546.45	52.595376	39.507959
1435	417289.64	1319533.48	52.595403	39.507768
1436	417290.06	1319521.68	52.595408	39.507594
1437	417287.8	1319512.51	52.595389	39.507459
1438	417282.22	1319505.22	52.59534	39.50735
1439	417273.39	1319497.7	52.595262	39.507237
1440	417267.11	1319484.08	52.595207	39.507035
1441	417261.09	1319460.06	52.595156	39.506679
1442	417264.09	1319453.89	52.595184	39.506589

1443	417272.01	1319448.08	52.595256	39.506505
1444	417275.58	1319435.1	52.595289	39.506314
1445	417276.93	1319404.4	52.595305	39.505861
1446	417284.38	1319403.36	52.595372	39.505847
1343	417285.42	1319405.2	52.595381	39.505875
1447	417405.82	1319867.2	52.596404	39.512717
1448	417398.27	1319869.78	52.596336	39.512753
1449	417395.52	1319872.04	52.596311	39.512786
1450	417390.36	1319872.25	52.596265	39.512788
1451	417378.23	1319877.83	52.596155	39.512868
1452	417354.49	1319897.32	52.595939	39.513151
1453	417336.83	1319915.05	52.595778	39.513408
1454	417317.1	1319932.34	52.595599	39.513659
1455	417300.09	1319945.54	52.595444	39.513851
1456	417291.37	1319956.47	52.595364	39.51401
1457	417277.02	1319973.52	52.595233	39.514259
1458	417276.96	1319980.36	52.595232	39.514359
1459	417283.73	1319988.05	52.595292	39.514474
1460	417283.92	1319992.99	52.595293	39.514547
1461	417283.68	1320003.19	52.595289	39.514698
1462	417285.76	1320013.03	52.595307	39.514843
1463	417289.64	1320022.76	52.59534	39.514988
1464	417299.12	1320031.84	52.595424	39.515124
1465	417316.55	1320046.15	52.595579	39.515339
1466	417330.76	1320061.26	52.595705	39.515564
1467	417348.66	1320069.15	52.595865	39.515685
1468	417361.83	1320068.04	52.595983	39.515671
1469	417376.38	1320068.7	52.596114	39.515684
1470	417396.51	1320076.9	52.596294	39.515809
1471	417420.75	1320084.35	52.59651	39.515924
1472	417451.63	1320093.97	52.596787	39.516073
1473	417472.46	1320105.61	52.596972	39.516249
1474	417484.37	1320113.59	52.597078	39.516369
1475	417490.61	1320122.73	52.597133	39.516505
1476	417489.55	1320143.1	52.597121	39.516806
1477	417491.31	1320143.19	52.597137	39.516807
1478	417492.4	1320122.23	52.597149	39.516498
1479	417485.63	1320112.31	52.59709	39.51635
1480	417473.38	1320104.11	52.596981	39.516227
1481	417452.33	1320092.35	52.596793	39.516049
1482	417438.55	1320088.05	52.59667	39.515983
1483	417435.73	1320078.65	52.596646	39.515843
1484	417418.78	1320069.55	52.596495	39.515705
1485	417415.32	1320064.68	52.596464	39.515633
1486	417394.22	1320051.66	52.596276	39.515436
1487	417389.34	1320034.6	52.596235	39.515183

1488	417358.28	1320027.76	52.595956	39.515076
1489	417344.65	1320034.84	52.595833	39.515178
1490	417341.61	1320044.52	52.595805	39.51532
1491	417338.59	1320046.34	52.595777	39.515346
1492	417317.76	1320044.87	52.59559	39.51532
1493	417316.65	1320040.6	52.595581	39.515257
1494	417316.3	1320029.48	52.595579	39.515093
1495	417314.83	1320016.06	52.595568	39.514894
1496	417310.23	1320002.48	52.595528	39.514693
1497	417303.13	1319991.62	52.595466	39.514531
1498	417306.52	1319984.86	52.595497	39.514432
1499	417313.04	1319975.39	52.595557	39.514294
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1501	417335.33	1319948.37	52.59576	39.5139
1502	417349.39	1319933.87	52.595889	39.513689
1503	417367	1319912.79	52.59605	39.513381
1504	417383.91	1319897.77	52.596203	39.513163
1505	417397.9	1319878.18	52.596332	39.512877
1506	417397.06	1319874.2	52.596325	39.512818
1507	417400.09	1319871.3	52.596352	39.512776
1508	417406.69	1319868.76	52.596412	39.51274
1509	417411.46	1319864.86	52.596455	39.512684
1510	417416	1319858.1	52.596497	39.512585
1511	417418.74	1319851.33	52.596522	39.512485
1512	417420.38	1319845.46	52.596538	39.512399
1513	417419.6	1319838.08	52.596532	39.51229
1514	417415.76	1319832.57	52.596498	39.512208
1515	417411.41	1319830.79	52.596459	39.512181
1516	417407.4	1319828.82	52.596423	39.512151
1517	417404.26	1319826.88	52.596395	39.512122
1518	417400.31	1319822.65	52.59636	39.512058
1519	417399.03	1319823.86	52.596349	39.512076
1520	417403.13	1319828.26	52.596385	39.512142
1521	417406.55	1319830.36	52.596416	39.512174
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1523	417414.62	1319834	52.596488	39.512229
1524	417417.9	1319838.72	52.596516	39.512299
1525	417418.59	1319845.31	52.596522	39.512397
1526	417417.07	1319850.76	52.596507	39.512477
1527	417414.44	1319857.27	52.596483	39.512572
1528	417410.14	1319863.66	52.596444	39.512666
1447	417405.82	1319867.2	52.596404	39.512717
1529	417523.71	1320275.42	52.597411	39.518765
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1531	417507.24	1320214.54	52.597271	39.517863
1532	417495.96	1320194.11	52.597172	39.51756

1533	417488.57	1320178.15	52.597108	39.517323
1534	417488.98	1320163.16	52.597113	39.517101
1535	417486.58	1320163.1	52.597092	39.5171
1536	417486.16	1320178.64	52.597086	39.517329
1537	417493.82	1320195.2	52.597153	39.517575
1538	417505.01	1320215.46	52.597251	39.517877
1539	417513.64	1320245.7	52.597324	39.518325
1540	417521.34	1320275.84	52.59739	39.518771
1541	417525.04	1320312.52	52.597418	39.519313
1542	417535.58	1320348.79	52.597508	39.51985
1543	417540.75	1320366.99	52.597552	39.52012
1544	417545.11	1320380.87	52.59759	39.520326
1545	417555.83	1320407.79	52.597682	39.520725
1546	417568.44	1320431.89	52.597793	39.521084
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1548	417582.81	1320459.93	52.597918	39.5215
1549	417587.21	1320470.89	52.597956	39.521663
1550	417600.09	1320479.21	52.598071	39.521789
1551	417608.06	1320481.37	52.598142	39.521822
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1553	417622.75	1320497.57	52.598272	39.522064
1554	417624.33	1320496.46	52.598286	39.522048
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1557	417609.3	1320479.22	52.598154	39.521791
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1559	417589.15	1320469.29	52.597974	39.52164
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1561	417575.53	1320446.05	52.597855	39.521294
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1563	417558.01	1320406.79	52.597702	39.520711
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1566	417537.89	1320348.12	52.597529	39.519841
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1568	417749.64	1321213.36	52.599319	39.532654
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1570	417731.04	1321245.28	52.599148	39.533121
1571	417724.07	1321267.19	52.599082	39.533442
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1575	417749.91	1321313.56	52.599308	39.534132
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1577	417768.57	1321348.37	52.599472	39.53465

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1581	417787.89	1321401.8	52.599638	39.535442
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1584	417783.54	1321323.63	52.599609	39.534288
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1587	417781.81	1321323.48	52.599594	39.534285
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1594	417725.1	1321275.02	52.599091	39.533558
1595	417726.02	1321267.8	52.5991	39.533452
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1603	417928.36	1320921.6	52.600963	39.528386
1604	417921.94	1320910.49	52.600907	39.528221
1605	417916.13	1320905.13	52.600855	39.528141
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1610	417849.05	1320916.54	52.600251	39.528295
1611	417837.27	1320909.57	52.600146	39.528189
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1615	417823.52	1320862.97	52.600029	39.527499
1616	417815.11	1320840.36	52.599956	39.527163
1617	417811.52	1320826.04	52.599926	39.526951
1618	417811.54	1320817.63	52.599927	39.526827
1619	417812.18	1320808.79	52.599934	39.526697
1620	417813.75	1320802.46	52.599949	39.526604
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1641	417705.49	1320604.2	52.599002	39.523655
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1651	417709.36	1320629.46	52.599033	39.524029
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1653	417717.62	1320630.77	52.599107	39.52405
1654	417738.39	1320659.95	52.59929	39.524485
1655	417764.4	1320684.55	52.599521	39.524853
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1657	417810.3	1320698.7	52.599931	39.525072
1658	417829.12	1320706.09	52.600099	39.525185
1659	417834.15	1320713.38	52.600144	39.525294
1660	417835.69	1320725.24	52.600156	39.525469
1661	417833.58	1320733.77	52.600136	39.525595
1662	417827.35	1320739.76	52.600079	39.525682
1663	417819.43	1320741.53	52.600008	39.525706
1664	417817.41	1320747.62	52.599989	39.525795
1665	417817.2	1320760.05	52.599985	39.525979
1666	417811.89	1320769.25	52.599936	39.526113
1667	417807.94	1320780.41	52.599899	39.526277
1668	417809.41	1320790.81	52.599911	39.526431

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1670	417811.33	1320802.06	52.599927	39.526597
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1672	417807.39	1320815.1	52.59989	39.526789
1673	417805.8	1320821.43	52.599875	39.526882
1674	417802.28	1320830.06	52.599842	39.527009
1675	417804.75	1320847.51	52.599862	39.527267
1676	417807.77	1320870.19	52.599886	39.527602
1677	417816.87	1320896.28	52.599965	39.527989
1678	417827.34	1320907.41	52.600057	39.528156
1679	417835.57	1320911.35	52.600131	39.528215
1680	417848.41	1320918.95	52.600245	39.52833
1681	417864.2	1320918.72	52.600387	39.52833
1682	417879.91	1320906.8	52.60053	39.528158
1683	417894.75	1320893.85	52.600665	39.52797
1684	417908.02	1320894.87	52.600784	39.527988
1685	417913.82	1320905.88	52.600834	39.528151
1686	417914.4	1320915.21	52.600838	39.528289
1687	417909.54	1320918.93	52.600794	39.528343
1688	417905.86	1320927.41	52.60076	39.528467
1689	417904.04	1320933.39	52.600743	39.528555
1690	417899.4	1320941.09	52.6007	39.528668
1691	417893.86	1320941.65	52.60065	39.528675
1692	417888.59	1320950.15	52.600602	39.528799
1693	417876.38	1320971.78	52.600489	39.529116
1694	417866.83	1320990.99	52.600401	39.529397
1695	417854.76	1321005.38	52.600291	39.529607
1696	417841.2	1321010.51	52.600168	39.52968
1697	417827.8	1321026.59	52.600046	39.529914
1698	417812.27	1321049.23	52.599903	39.530245
1699	417807.7	1321061.53	52.599861	39.530426
1700	417811.42	1321067.04	52.599893	39.530508
1701	417811.49	1321071.96	52.599893	39.53058
1702	417814.72	1321075.57	52.599922	39.530634
1703	417808.14	1321091.88	52.599861	39.530873
1704	417810.09	1321095.35	52.599878	39.530925
1705	417798.58	1321121.73	52.599771	39.531312
1706	417792.91	1321134.69	52.599718	39.531502
1707	417799.34	1321141.43	52.599775	39.531603
1708	417805.5	1321150.24	52.599829	39.531734
1709	417805.93	1321158.5	52.599832	39.531856
1710	417801.97	1321169.04	52.599795	39.532011
1711	417796.97	1321174.2	52.59975	39.532086
1712	417797.35	1321178.8	52.599752	39.532154
1713	417808.89	1321176.41	52.599856	39.532121
1714	417814.23	1321161.87	52.599906	39.531908

1715	417813.42	1321150.12	52.5999	39.531734
1716	417818.72	1321144.01	52.599949	39.531645
1717	417827.34	1321104.47	52.600032	39.531063
1718	417839.27	1321063.14	52.600144	39.530456
1719	417842.36	1321035.92	52.600175	39.530055
1720	417848.52	1321034.56	52.600231	39.530036
1721	417849.48	1321056.79	52.600237	39.530365
1722	417863.26	1321056.35	52.600361	39.530361
1723	417866.29	1321046.46	52.600389	39.530216
1599	417872.41	1321031.11	52.600446	39.529991
1724	417833.76	1321205.87	52.600076	39.532561
1725	417836.9	1321190.88	52.600106	39.532341
1726	417835.17	1321188.6	52.600091	39.532307
1727	417832.55	1321187.93	52.600067	39.532296
1728	417791.02	1321186.97	52.599694	39.532273
1729	417784.96	1321186.21	52.59964	39.53226
1730	417773.78	1321188.08	52.599539	39.532286
1731	417767.35	1321192.7	52.599481	39.532352
1732	417759.34	1321200.36	52.599408	39.532464
1733	417767.52	1321203.31	52.599481	39.532509
1734	417775.39	1321195.64	52.599553	39.532398
1735	417782.92	1321192.46	52.599621	39.532352
1736	417788.66	1321189.61	52.599673	39.532311
1737	417804.91	1321189.52	52.599819	39.532314
1738	417817.2	1321190.14	52.599929	39.532325
1739	417832.47	1321190.4	52.600066	39.532333
1740	417831.71	1321203.99	52.600058	39.532533
1741	417830.57	1321207.58	52.600047	39.532586
1742	417824.62	1321220.23	52.599992	39.532771
1743	417818.1	1321235.49	52.599931	39.532995
1744	417807.1	1321261.99	52.599829	39.533383
1745	417809.65	1321262.91	52.599852	39.533398
1746	417820.48	1321236.63	52.599953	39.533012
1747	417826.45	1321221.31	52.600008	39.532787
1724	417833.76	1321205.87	52.600076	39.532561
1748	421266.91	1314344.19	52.631777	39.431971
1749	421253.45	1314389.72	52.631651	39.432641
1750	421248.65	1314392.8	52.631607	39.432686
1751	421240.96	1314394.24	52.631538	39.432705
1752	421232.02	1314397.97	52.631457	39.432759
1753	421223.37	1314405.88	52.631378	39.432874
1754	421213.1	1314419.32	52.631285	39.43307
1755	421207.01	1314429.79	52.631229	39.433224
1756	421200.93	1314440.01	52.631173	39.433374
1757	421196.09	1314450.18	52.631128	39.433523
1758	421190.07	1314459.33	52.631073	39.433657

1759	421183.32	1314468.49	52.631011	39.433791
1760	421174.38	1314478.15	52.63093	39.433932
1761	421161.75	1314491.02	52.630815	39.434119
1762	421152.32	1314502.16	52.630729	39.434282
1763	421143.31	1314509.95	52.630647	39.434395
1764	421137.85	1314517.88	52.630597	39.434511
1765	421134.18	1314527.93	52.630563	39.434659
1766	421129.11	1314543.12	52.630515	39.434882
1767	421123.37	1314551.5	52.630463	39.435005
1768	421118.63	1314557.66	52.630419	39.435095
1769	421112.78	1314561.17	52.630366	39.435146
1770	421106.15	1314563.3	52.630307	39.435176
1771	421097.48	1314564.26	52.630229	39.435188
1772	421090.42	1314565.37	52.630165	39.435203
1773	421082.93	1314567.87	52.630097	39.435239
1774	421077.8	1314572.26	52.630051	39.435303
1775	421072.95	1314574.44	52.630007	39.435334
1776	421066.3	1314580.11	52.629946	39.435416
1777	421056.83	1314588.85	52.62986	39.435543
1778	421047.8	1314597.15	52.629778	39.435664
1779	421041.62	1314605.55	52.629722	39.435787
1780	421036.2	1314619.85	52.629671	39.435997
1781	421035.47	1314638.61	52.629663	39.436274
1782	421033.06	1314653.28	52.629639	39.43649
1783	421027.04	1314669.65	52.629583	39.436731
1784	421019.84	1314682.85	52.629517	39.436924
1785	421008.32	1314695.33	52.629412	39.437106
1786	420996.02	1314704.26	52.6293	39.437236
1787	420984.62	1314712.74	52.629197	39.437359
1788	420976.9	1314718.06	52.629127	39.437436
1789	420970.24	1314722	52.629067	39.437493
1790	420957.42	1314737.99	52.628949	39.437726
1791	420943.86	1314753.97	52.628826	39.43796
1792	420930.54	1314767.54	52.628704	39.438157
1793	420917.18	1314781.63	52.628583	39.438363
1794	420904.82	1314795.68	52.62847	39.438568
1795	420895.19	1314805.07	52.628382	39.438705
1796	420883.61	1314812.79	52.628277	39.438816
1797	420872.17	1314820.58	52.628174	39.438929
1798	420866.54	1314825.24	52.628122	39.438997
1799	420862.06	1314829.71	52.628082	39.439062
1800	420841.62	1314831.45	52.627898	39.439084
1801	420823.67	1314808.41	52.627739	39.43874
1802	420813.24	1314822.48	52.627644	39.438946
1803	420809.6	1314848.92	52.627608	39.439335
1804	420806.45	1314876.57	52.627576	39.439743

1805	420788.01	1314895.01	52.627409	39.440012
1806	420758.9	1314929.94	52.627143	39.440522
1807	420717.18	1314977.48	52.626762	39.441216
1808	420684.07	1315025.03	52.626459	39.441911
1809	420655.93	1315058.01	52.626202	39.442393
1810	420614.21	1315102.16	52.625822	39.443036
1811	420599.17	1315128.36	52.625684	39.44342
1812	420597.76	1315152.19	52.625668	39.443772
1813	420587.59	1315155.42	52.625577	39.443818
1814	420573.08	1315165.25	52.625445	39.44396
1815	420563.03	1315177.26	52.625353	39.444135
1816	420542.63	1315197.17	52.625168	39.444425
1817	420528.56	1315217.05	52.625039	39.444716
1818	420515.51	1315229.14	52.62492	39.444892
1819	420502.35	1315242.79	52.6248	39.445091
1820	420489.63	1315260.89	52.624684	39.445356
1821	420483.26	1315281.48	52.624624	39.445658
1822	420481.79	1315299.55	52.624609	39.445925
1823	420481.79	1315312.61	52.624607	39.446118
1824	420477.84	1315333.93	52.624569	39.446432
1825	420468.77	1315345.87	52.624486	39.446606
1826	420457.12	1315358	52.62438	39.446783
1827	420444.87	1315374.17	52.624268	39.447019
1828	420439.97	1315391.33	52.624222	39.447272
1829	420436.55	1315409.39	52.624189	39.447538
1830	420436.06	1315429.42	52.624182	39.447833
1831	420438.03	1315440.75	52.624199	39.448001
1832	420445.38	1315458.88	52.624262	39.44827
1833	420455.16	1315472.08	52.624349	39.448467
1834	420463.92	1315482.3	52.624426	39.44862
1835	420467.62	1315486.45	52.624459	39.448682
1836	420468.08	1315495.75	52.624462	39.448819
1837	420464.26	1315511.02	52.624426	39.449044
1838	420459.07	1315519.05	52.624378	39.449161
1839	420450.98	1315525.71	52.624305	39.449258
1840	420435.97	1315533.94	52.624169	39.449377
1841	420425.87	1315540.67	52.624077	39.449474
1842	420409.51	1315545.01	52.62393	39.449535
1843	420394.47	1315548.89	52.623794	39.449589
1844	420387	1315550.88	52.623727	39.449617
1845	420374.56	1315561.82	52.623614	39.449776
1846	420369.6	1315576.7	52.623567	39.449995
1847	420369.12	1315594.79	52.623561	39.450262
1848	420369.12	1315612.76	52.623559	39.450527
1849	420368.48	1315624.21	52.623552	39.450696
1850	420368.36	1315638.4	52.623549	39.450905

1851	420368.24	1315646.53	52.623547	39.451025
1852	420367.39	1315652.71	52.623538	39.451117
1853	420365.45	1315657.2	52.62352	39.451182
1854	420361.45	1315661.93	52.623484	39.451252
1855	420357.08	1315666.3	52.623444	39.451315
1856	420359.5	1315668.6	52.623466	39.45135
1857	420365.45	1315664.23	52.62352	39.451286
1858	420370.66	1315657.32	52.623567	39.451185
1859	420372.6	1315648.1	52.623586	39.45105
1860	420372	1315636.1	52.623582	39.450872
1861	420371.39	1315624.33	52.623578	39.450698
1862	420370.76	1315612.74	52.623573	39.450527
1863	420370.76	1315594.81	52.623576	39.450262
1864	420371.24	1315576.99	52.623582	39.449999
1865	420375.98	1315562.76	52.623626	39.44979
1866	420387.8	1315552.36	52.623734	39.449639
1867	420394.89	1315550.47	52.623798	39.449612
1868	420409.92	1315546.59	52.623933	39.449558
1869	420426.55	1315542.19	52.624083	39.449496
1870	420436.83	1315535.34	52.624176	39.449397
1871	420451.9	1315527.07	52.624313	39.449278
1872	420460.31	1315520.15	52.624389	39.449178
1873	420465.79	1315511.68	52.62444	39.449054
1874	420469.73	1315495.91	52.624477	39.448822
1875	420469.22	1315485.8	52.624473	39.448672
1876	420465.16	1315481.22	52.624438	39.448604
1877	420456.45	1315471.06	52.62436	39.448452
1878	420446.82	1315458.07	52.624276	39.448258
1879	420439.62	1315440.3	52.624213	39.447995
1880	420437.71	1315429.3	52.624197	39.447832
1881	420438.19	1315409.56	52.624204	39.447541
1882	420441.57	1315391.71	52.624236	39.447278
1883	420446.36	1315374.92	52.624281	39.447031
1884	420458.37	1315359.07	52.624391	39.446799
1885	420470.01	1315346.94	52.624497	39.446622
1886	420479.38	1315334.62	52.624583	39.446442
1887	420483.43	1315312.76	52.624622	39.44612
1888	420483.43	1315299.62	52.624623	39.445926
1889	420484.88	1315281.79	52.624639	39.445663
1890	420491.12	1315261.63	52.624697	39.445367
1891	420503.62	1315243.83	52.624812	39.445106
1892	420516.66	1315230.31	52.62493	39.444909
1893	420529.8	1315218.14	52.62505	39.444732
1894	420543.88	1315198.24	52.625179	39.444441
1895	420564.23	1315178.37	52.625364	39.444152
1896	420574.19	1315166.48	52.625455	39.443978

1897	420588.31	1315156.91	52.625583	39.44384
1898	420597.74	1315153.92	52.625668	39.443797
1899	420598.2	1315169.6	52.62567	39.444029
1900	420610.32	1315176.39	52.625778	39.444132
1901	420624.39	1315159.41	52.625907	39.443884
1902	420633.49	1315137.58	52.625991	39.443563
1903	420644.65	1315112.35	52.626094	39.443193
1904	420667.94	1315089.06	52.626307	39.442854
1905	420688.31	1315076.94	52.626491	39.442679
1906	420714.51	1315054.62	52.626729	39.442354
1907	420727.61	1315016.29	52.626851	39.441791
1908	420738.28	1314994.46	52.62695	39.44147
1909	420761.57	1314975.54	52.627161	39.441196
1910	420789.71	1314963.41	52.627416	39.441022
1911	420813.96	1314949.34	52.627635	39.440819
1912	420827.55	1314928	52.62776	39.440507
1913	420831.43	1314904.22	52.627798	39.440156
1914	420841.62	1314889.67	52.627891	39.439943
1915	420853.75	1314874.63	52.628002	39.439724
1916	420859.57	1314852.8	52.628057	39.439403
1917	420865.36	1314830.97	52.628111	39.439081
1918	420867.64	1314826.45	52.628132	39.439015
1919	420873.16	1314821.89	52.628182	39.438949
1920	420884.53	1314814.15	52.628285	39.438837
1921	420896.23	1314806.35	52.628391	39.438724
1922	420906.01	1314796.81	52.628481	39.438585
1923	420918.39	1314782.73	52.628593	39.438379
1924	420931.72	1314768.68	52.628715	39.438174
1925	420945.07	1314755.08	52.628836	39.437976
1926	420958.69	1314739.04	52.628961	39.437742
1927	420971.33	1314723.26	52.629076	39.437512
1928	420977.78	1314719.44	52.629135	39.437456
1929	420985.58	1314714.08	52.629205	39.437379
1930	420996.99	1314705.58	52.629309	39.437255
1931	421009.42	1314696.56	52.629422	39.437125
1932	421021.19	1314683.81	52.629529	39.436939
1933	421028.54	1314670.33	52.629596	39.436741
1934	421034.65	1314653.7	52.629653	39.436497
1935	421037.1	1314638.78	52.629677	39.436277
1936	421037.82	1314620.18	52.629686	39.436002
1937	421043.07	1314606.35	52.629735	39.435799
1938	421049.02	1314598.25	52.629789	39.435681
1939	421057.94	1314590.06	52.62987	39.435562
1940	421067.39	1314581.34	52.629956	39.435435
1941	421073.84	1314575.84	52.630015	39.435355
1942	421078.69	1314573.66	52.630059	39.435323

1943	421083.75	1314569.32	52.630105	39.43526
1944	421090.81	1314566.97	52.630168	39.435227
1945	421097.7	1314565.89	52.63023	39.435212
1946	421106.5	1314564.91	52.630309	39.4352
1947	421113.46	1314562.67	52.630372	39.435168
1948	421119.74	1314558.91	52.630429	39.435114
1949	421124.7	1314552.46	52.630474	39.435019
1950	421130.6	1314543.86	52.630529	39.434893
1951	421135.72	1314528.48	52.630576	39.434667
1952	421139.32	1314518.64	52.63061	39.434523
1953	421144.54	1314511.05	52.630658	39.434412
1954	421153.48	1314503.31	52.630739	39.434299
1955	421162.97	1314492.13	52.630826	39.434136
1956	421175.57	1314479.29	52.63094	39.433949
1957	421184.58	1314469.54	52.631022	39.433806
1958	421191.41	1314460.27	52.631085	39.433671
1959	421197.52	1314450.99	52.631141	39.433535
1960	421202.38	1314440.78	52.631186	39.433385
1961	421208.43	1314430.62	52.631241	39.433236
1962	421214.47	1314420.23	52.631297	39.433084
1963	421224.58	1314406.99	52.631389	39.432891
1964	421232.91	1314399.37	52.631465	39.43278
1965	421241.43	1314395.82	52.631542	39.432729
1966	421249.27	1314394.35	52.631613	39.432709
1967	421252.74	1314392.13	52.631644	39.432677
1968	421240.13	1314435.03	52.631526	39.433308
1969	421237.57	1314481.08	52.631497	39.433987
1970	421224.83	1314499.2	52.63138	39.434252
1971	421212.27	1314513.24	52.631266	39.434457
1972	421199.93	1314525.85	52.631154	39.434641
1973	421186.19	1314541.13	52.631028	39.434864
1974	421178.03	1314559.67	52.630953	39.435136
1975	421171.83	1314572.13	52.630896	39.435319
1976	421159.37	1314589.39	52.630782	39.435571
1977	421145.46	1314601.78	52.630655	39.435752
1978	421128.76	1314610.28	52.630504	39.435874
1979	421112.02	1314614.61	52.630353	39.435935
1980	421091.86	1314626.8	52.630171	39.436111
1981	421087.06	1314640.73	52.630126	39.436315
1982	421084	1314661.79	52.630096	39.436626
1983	421075.47	1314687.58	52.630016	39.437005
1984	421065.08	1314707.76	52.62992	39.437301
1985	421046.16	1314730.47	52.629748	39.437633
1986	421026.6	1314745.87	52.62957	39.437856
1987	421015.44	1314754.18	52.629469	39.437977
1988	420997.7	1314770.31	52.629308	39.438211

1989	420983.2	1314787.43	52.629175	39.438461
1990	420967.7	1314803.4	52.629034	39.438694
1991	420955.32	1314816.45	52.628921	39.438884
1992	420943.56	1314829.83	52.628814	39.43908
1993	420931.13	1314842.15	52.628701	39.439259
1994	420912.46	1314855.62	52.628531	39.439454
1995	420907.9	1314865.62	52.628489	39.439601
1996	420902.06	1314887.51	52.628434	39.439923
1997	420892.67	1314906.02	52.628348	39.440195
1998	420881.61	1314919.73	52.628247	39.440395
1999	420876.9	1314936.05	52.628202	39.440635
2000	420869.73	1314954.84	52.628136	39.440911
2001	420856.15	1314976.19	52.628011	39.441224
2002	420839.05	1314992.59	52.627856	39.441463
2003	420814.79	1315006.66	52.627636	39.441666
2004	420787.72	1315018.71	52.627391	39.441838
2005	420773.91	1315035.43	52.627265	39.442082
2006	420761.82	1315070.79	52.627152	39.442602
2007	420755.85	1315082.74	52.627097	39.442777
2008	420720.74	1315115	52.626778	39.443247
2009	420698.88	1315128.84	52.62658	39.443447
2010	420686.6	1315141.11	52.626468	39.443626
2011	420679.44	1315157.31	52.626402	39.443864
2012	420670.55	1315178.64	52.626319	39.444177
2013	420662.9	1315191.31	52.626249	39.444362
2014	420648.83	1315208.29	52.626121	39.44461
2015	420635.67	1315219.49	52.626001	39.444773
2016	420619.48	1315225.54	52.625855	39.444859
2017	420602.2	1315225.73	52.6257	39.444859
2018	420591.24	1315221.89	52.625601	39.4448
2019	420570.62	1315247.01	52.625413	39.445167
2020	420551.67	1315266.04	52.625241	39.445444
2021	420536.55	1315283.93	52.625103	39.445705
2022	420533.43	1315301.64	52.625073	39.445966
2023	420533.43	1315312.76	52.625071	39.44613
2024	420528.54	1315343.73	52.625024	39.446586
2025	420519.19	1315364.87	52.624937	39.446897
2026	420509.82	1315377.19	52.624851	39.447077
2027	420496.46	1315391.59	52.62473	39.447287
2028	420490.27	1315403.25	52.624673	39.447458
2029	420488.07	1315414.85	52.624651	39.447628
2030	420487.81	1315425.59	52.624648	39.447787
2031	420495.57	1315439.87	52.624716	39.447999
2032	420506.59	1315452.58	52.624813	39.448189
2033	420515.5	1315466.87	52.624892	39.448402
2034	420519.16	1315483.3	52.624922	39.448645

2035	420519.67	1315493.41	52.624926	39.448795
2036	420518.24	1315508.04	52.624911	39.44901
2037	420514.29	1315523.81	52.624874	39.449242
2038	420507.76	1315538.85	52.624813	39.449463
2039	420492.09	1315558.75	52.62467	39.449754
2040	420475.94	1315570.92	52.624524	39.44993
2041	420462.76	1315578.14	52.624404	39.450034
2042	420439.35	1315590.53	52.624192	39.450213
2043	420422.72	1315594.93	52.624043	39.450274
2044	420420.76	1315611.37	52.624023	39.450517
2045	420421.32	1315621.59	52.624027	39.450668
2046	420421.93	1315633.52	52.624031	39.450844
2047	420422.54	1315645.58	52.624035	39.451022
2048	420421.53	1315658.4	52.624024	39.451211
2049	420410.58	1315687.43	52.623922	39.451638
2050	420395.05	1315704.53	52.623781	39.451887
2051	420373.58	1315716.58	52.623586	39.452061
2052	420365.05	1315737.08	52.623507	39.452362
2053	420364.72	1315751.36	52.623502	39.452573
2054	420366.3	1315767.24	52.623515	39.452807
2055	420366.02	1315790.86	52.623509	39.453156
2056	420363.47	1315805.27	52.623485	39.453368
2057	420358.56	1315819.98	52.623439	39.453584
2058	420354.47	1315830.57	52.623401	39.45374
2059	420346.75	1315846.46	52.62333	39.453973
2060	420335.2	1315861.51	52.623224	39.454193
2061	420322.18	1315873.05	52.623106	39.454361
2062	420309.63	1315883.1	52.622992	39.454507
2063	420297.97	1315903.16	52.622884	39.454801
2064	420286.65	1315916.23	52.622781	39.454991
2065	420275.24	1315934.48	52.622676	39.455258
2066	420269.69	1315947.38	52.622625	39.455448
2067	420264.01	1315958.49	52.622573	39.455611
2068	420253.61	1315972.28	52.622477	39.455812
2069	420230.52	1315989.19	52.622268	39.456057
2070	420218.78	1316006.48	52.62216	39.45631
2071	420215.27	1316020.54	52.622127	39.456517
2072	420219.57	1316036.31	52.622164	39.456751
2073	420227.91	1316051.13	52.622237	39.456971
2074	420230.81	1316067.89	52.622261	39.457219
2075	420230.81	1316078.3	52.62226	39.457373
2076	420229.4	1316090.08	52.622246	39.457547
2077	420220.28	1316114.62	52.622161	39.457907
2078	420208.11	1316127.25	52.62205	39.458091
2079	420195.44	1316136.44	52.621935	39.458224
2080	420185.09	1316145.86	52.621841	39.458361

2081	420179.06	1316156.61	52.621785	39.458519
2082	420166.03	1316195.69	52.621663	39.459093
2083	420162.31	1316221.79	52.621627	39.459478
2084	420155.55	1316250.39	52.621563	39.459899
2085	420154.04	1316265.5	52.621547	39.460121
2086	420151.31	1316280.12	52.621521	39.460337
2087	420144.4	1316293.29	52.621457	39.46053
2088	420133.92	1316303.84	52.621362	39.460684
2089	420132.18	1316316.95	52.621345	39.460877
2090	420135.09	1316336.36	52.621368	39.461164
2091	420134.17	1316355.81	52.621358	39.461451
2092	420125.89	1316373.43	52.621281	39.461709
2093	420109.55	1316395.61	52.621132	39.462034
2094	420115.55	1316409.57	52.621184	39.462241
2095	420118.99	1316424.23	52.621213	39.462458
2096	420120.2	1316439.51	52.621222	39.462684
2097	420116.59	1316462.52	52.621187	39.463023
2098	420104.1	1316492.84	52.621071	39.463468
2099	420088.66	1316519.52	52.620929	39.463859
2100	420067.78	1316543.4	52.620738	39.464207
2101	420054.99	1316554.27	52.620622	39.464365
2102	420044.68	1316560.19	52.620529	39.46445
2103	420037.67	1316575.99	52.620464	39.464682
2104	420027.47	1316594.95	52.62037	39.46496
2105	420007.19	1316619.67	52.620185	39.465321
2106	419991.39	1316631.56	52.620041	39.465493
2107	419974.31	1316639.73	52.619887	39.46561
2108	419960.34	1316644.04	52.619761	39.465671
2109	419945.07	1316646.39	52.619623	39.465703
2110	419926.57	1316656.31	52.619456	39.465846
2111	419915.34	1316663.51	52.619354	39.46595
2112	419908.42	1316673.85	52.61929	39.466101
2113	419906.18	1316695.6	52.619268	39.466422
2114	419899.71	1316716.52	52.619207	39.466729
2115	419891.63	1316732.15	52.619132	39.466958
2116	419878.64	1316744.01	52.619014	39.467131
2117	419859.72	1316755.96	52.618843	39.467303
2118	419845.84	1316762.01	52.618717	39.46739
2119	419836.03	1316778.5	52.618627	39.467631
2120	419831.02	1316793.54	52.61858	39.467852
2121	419822.35	1316809.31	52.6185	39.468083
2122	419811.4	1316822.74	52.6184	39.468279
2123	419795.57	1316835.59	52.618257	39.468466
2124	419780.29	1316843.48	52.618118	39.468579
2125	419767.62	1316849.01	52.618004	39.468658
2126	419757.56	1316859.27	52.617912	39.468808

2127	419754.82	1316871.45	52.617886	39.468987
2128	419742.81	1316903.66	52.617774	39.46946
2129	419730.03	1316924.88	52.617657	39.469771
2130	419719.62	1316940.26	52.617561	39.469996
2131	419707.19	1316956.77	52.617448	39.470237
2132	419686.47	1316972.75	52.617259	39.470469
2133	419671.97	1316978.75	52.617128	39.470554
2134	419657.28	1316982.35	52.616996	39.470605
2135	419634.88	1316984.34	52.616795	39.470629
2136	419617.76	1316982.9	52.616641	39.470605
2137	419602.62	1316975.96	52.616506	39.470499
2138	419594.87	1316986	52.616435	39.470646
2139	419577.17	1317000.83	52.616274	39.470861
2140	419563.01	1317009.17	52.616146	39.470981
2141	419546.91	1317012.47	52.616001	39.471027
2142	419527.68	1317014.89	52.615828	39.471059
2143	419514.4	1317015.83	52.615708	39.47107
2144	419501.37	1317018.54	52.615591	39.471107
2145	419486.58	1317034.39	52.615456	39.471338
2146	419466.18	1317049.07	52.615271	39.471551
2147	419443.08	1317062.8	52.615062	39.471749
2148	419431.68	1317067.4	52.614959	39.471814
2149	419420.6	1317070.36	52.614859	39.471856
2150	419400.54	1317073.53	52.614678	39.471899
2151	419381.28	1317072.46	52.614505	39.471879
2152	419358.7	1317065.06	52.614303	39.471765
2153	419345.63	1317074.44	52.614185	39.471901
2154	419335.1	1317079.15	52.614089	39.471968
2155	419322.31	1317082.97	52.613974	39.472022
2156	419302.78	1317087.32	52.613798	39.472082
2157	419289.5	1317088.46	52.613678	39.472097
2158	419274.3	1317087.72	52.613542	39.472083
2159	419258.16	1317086.7	52.613397	39.472064
2160	419237.14	1317082.3	52.613209	39.471995
2161	419234.54	1317096.89	52.613184	39.47221
2162	419233.06	1317113.15	52.613168	39.47245
2163	419230.44	1317130.25	52.613143	39.472701
2164	419224.62	1317151.38	52.613088	39.473012
2165	419217.72	1317169.22	52.613024	39.473274
2166	419201.8	1317194.3	52.612877	39.473641
2167	419182.48	1317209.77	52.612702	39.473866
2168	419166.23	1317226.3	52.612554	39.474106
2169	419146.21	1317243.09	52.612372	39.47435
2170	419148.76	1317262.55	52.612392	39.474638
2171	419150.07	1317272.73	52.612403	39.474788
2172	419149.71	1317287.77	52.612398	39.47501

2173	419144.9	1317302.02	52.612353	39.47522
2174	419138.57	1317318.92	52.612294	39.475468
2175	419134.46	1317332.2	52.612255	39.475663
2176	419126.84	1317343.84	52.612185	39.475833
2177	419115.18	1317356.52	52.612079	39.476018
2178	419109.63	1317369.16	52.612028	39.476203
2179	419109.63	1317387.67	52.612025	39.476477
2180	419109.63	1317401.63	52.612024	39.476683
2181	419109.61	1317415.94	52.612022	39.476894
2182	419107.56	1317431.36	52.612001	39.477121
2183	419103.4	1317446.14	52.611962	39.477339
2184	419090.85	1317468.9	52.611847	39.477672
2185	419076.81	1317484.3	52.611719	39.477896
2186	419057.81	1317496.98	52.611546	39.47808
2187	419043.86	1317513.18	52.611419	39.478316
2188	419030.39	1317529.34	52.611296	39.478552
2189	419021.76	1317540.68	52.611217	39.478717
2190	419012.85	1317554.06	52.611135	39.478913
2191	419003.84	1317566.14	52.611053	39.479089
2192	418991.63	1317574.98	52.610942	39.479217
2193	418986.42	1317586.97	52.610894	39.479393
2194	418972	1317626.22	52.610759	39.47997
2195	418964.48	1317639.76	52.61069	39.480168
2196	418953.16	1317650.35	52.610587	39.480322
2197	418952.32	1317665.68	52.610577	39.480548
2198	418950.4	1317680.97	52.610558	39.480774
2199	418941.89	1317702.7	52.610479	39.481093
2200	418937.76	1317717.77	52.61044	39.481314
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2202	418917.22	1317761.99	52.61025	39.481963
2203	418902.08	1317776.65	52.610112	39.482176
2204	418893.4	1317786.82	52.610033	39.482324
2205	418875.55	1317817.99	52.609869	39.482781
2206	418867.38	1317828.74	52.609794	39.482938
2207	418848.94	1317847.18	52.609626	39.483206
2208	418828.99	1317861.97	52.609445	39.48342
2209	418829.69	1317876.05	52.609449	39.483628
2210	418827.75	1317900.92	52.609429	39.483995
2211	418825.43	1317912.56	52.609407	39.484166
2212	418821.42	1317924.81	52.609369	39.484346
2213	418815.02	1317937.72	52.60931	39.484535
2214	418806.04	1317950.7	52.609228	39.484725
2215	418792.27	1317965.31	52.609102	39.484938
2216	418783.26	1317983.62	52.609019	39.485206
2217	418778.2	1318008.9	52.60897	39.485578
2218	418773.54	1318022.14	52.608927	39.485773

2219	418765.38	1318033.57	52.608852	39.48594
2220	418751.79	1318047.84	52.608728	39.486148
2221	418743.75	1318071.42	52.608653	39.486494
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2223	418754.16	1318113.07	52.608741	39.487111
2224	418767.52	1318143.91	52.608857	39.487569
2225	418775.3	1318178.61	52.608923	39.488083
2226	418777.36	1318194.39	52.608939	39.488316
2227	418779.82	1318211	52.60896	39.488562
2228	418779.43	1318227.89	52.608954	39.488811
2229	418776.52	1318242.81	52.608926	39.489031
2230	418772.6	1318254.7	52.608889	39.489205
2231	418765.85	1318265.24	52.608827	39.489359
2232	418757.24	1318275.58	52.608749	39.48951
2233	418746.95	1318290.45	52.608654	39.489728
2234	418737.25	1318300.89	52.608566	39.48988
2235	418725.95	1318309.95	52.608463	39.490011
2236	418712.28	1318320.46	52.608339	39.490163
2237	418694.21	1318338.9	52.608174	39.490432
2238	418672.63	1318353.38	52.607979	39.490641
2239	418660.53	1318358.92	52.607869	39.49072
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2241	418634.9	1318361.44	52.607639	39.490752
2242	418613.2	1318357.18	52.607444	39.490685
2243	418595.11	1318347.82	52.607283	39.490543
2244	418584.68	1318340.05	52.60719	39.490426
2245	418568.89	1318320.36	52.607051	39.490132
2246	418561.24	1318334.83	52.60698	39.490344
2247	418564.38	1318356.98	52.607005	39.490672
2248	418562.93	1318372.99	52.60699	39.490908
2249	418559.49	1318385.78	52.606958	39.491096
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2251	418571.51	1318425.43	52.607061	39.491684
2252	418570.06	1318437.68	52.607046	39.491864
2253	418565.19	1318454.02	52.607001	39.492104
2254	418556.21	1318472.09	52.606918	39.492369
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2257	418514.43	1318512.73	52.606537	39.49296
2258	418494.49	1318522.18	52.606357	39.493096
2259	418480.56	1318526.11	52.606231	39.493151
2260	418466.07	1318525.89	52.606101	39.493145
2261	418447.05	1318520.44	52.605931	39.49306
2262	418441.06	1318536.22	52.605875	39.493292
2263	418438.56	1318548.5	52.605851	39.493473
2264	418433.59	1318563.15	52.605804	39.493688

2265	418427.66	1318575.1	52.60575	39.493863
2266	418408.33	1318594.02	52.605574	39.494138
2267	418387.9	1318606.02	52.605388	39.494311
2268	418372.2	1318611	52.605247	39.494381
2269	418357.97	1318613.04	52.605119	39.494408
2270	418340.76	1318612.5	52.604964	39.494397
2271	418324.76	1318606.16	52.604821	39.4943
2272	418312.43	1318601.24	52.604711	39.494225
2273	418292.27	1318596.9	52.60453	39.494157
2274	418281.46	1318590.86	52.604434	39.494065
2275	418264.05	1318578.64	52.604279	39.493881
2276	418251.84	1318574.89	52.60417	39.493823
2277	418240.6	1318572.77	52.604069	39.49379
2278	418232.48	1318593.45	52.603994	39.494093
2279	418227.76	1318605.35	52.60395	39.494268
2280	418219.03	1318619.73	52.603869	39.494478
2281	418199.13	1318639.06	52.603688	39.494759
2282	418176.96	1318649.07	52.603488	39.494903
2283	418152.54	1318650.87	52.603268	39.494924
2284	418130.82	1318645.74	52.603074	39.494844
2285	418118.46	1318642.93	52.602963	39.4948
2286	418107.62	1318643.37	52.602865	39.494804
2287	418093.31	1318642.4	52.602737	39.494787
2288	418073.74	1318638.08	52.602562	39.494719
2289	418049.85	1318635.5	52.602347	39.494676
2290	418037.96	1318632.1	52.602241	39.494623
2291	418024.85	1318626.21	52.602124	39.494534
2292	418014.18	1318619.42	52.602029	39.494431
2293	418001.23	1318619.18	52.601913	39.494425
2294	417989.13	1318632.9	52.601802	39.494625
2295	417967.57	1318652.49	52.601606	39.49491
2296	417954.02	1318657.2	52.601484	39.494976
2297	417928.17	1318664.22	52.60125	39.495075
2298	417911.16	1318661.08	52.601098	39.495025
2299	417890.31	1318661.9	52.600911	39.495033
2300	417873.78	1318659.61	52.600762	39.494995
2301	417859.48	1318654.55	52.600635	39.494918
2302	417844.03	1318644.41	52.600497	39.494765
2303	417831.64	1318630.59	52.600387	39.494558
2304	417815.86	1318639.96	52.600244	39.494693
2305	417803.63	1318649.59	52.600133	39.494833
2306	417794.37	1318659.93	52.600049	39.494984
2307	417802	1318676.98	52.600115	39.495237
2308	417813.61	1318695.43	52.600217	39.495512
2309	417819.72	1318716.05	52.60027	39.495817
2310	417820.71	1318729.83	52.600277	39.496021

2311	417817.4	1318751.62	52.600244	39.496342
2312	417812.95	1318762.98	52.600203	39.496508
2313	417806.85	1318774.14	52.600147	39.496672
2314	417791.14	1318789.13	52.600004	39.49689
2315	417779.07	1318796.47	52.599894	39.496995
2316	417765.42	1318800.13	52.599771	39.497047
2317	417741.14	1318800.5	52.599553	39.497047
2318	417726.17	1318794.83	52.599419	39.49696
2319	417704.12	1318778.37	52.599223	39.496713
2320	417691.32	1318774.95	52.599108	39.49666
2321	417673.06	1318788.76	52.598943	39.49686
2322	417666.66	1318805.9	52.598883	39.497111
2323	417665.32	1318826.73	52.598868	39.497418
2324	417662.25	1318839.8	52.598839	39.497611
2325	417655.69	1318855.23	52.598778	39.497837
2326	417643.06	1318873.72	52.598662	39.498107
2327	417629.48	1318886.36	52.598539	39.498291
2328	417618.9	1318895.83	52.598442	39.498428
2329	417612.86	1318917.27	52.598385	39.498743
2330	417600.62	1318935.19	52.598273	39.499005
2331	417584.35	1318951.22	52.598125	39.499238
2332	417562.14	1318966.7	52.597923	39.499462
2333	417548.05	1318970.12	52.597796	39.49951
2334	417535.14	1318974.55	52.59768	39.499573
2335	417519.81	1318978.77	52.597542	39.499632
2336	417504.17	1318980.48	52.597401	39.499654
2337	417484.33	1318979.92	52.597223	39.499641
2338	417472.48	1318980.68	52.597116	39.49965
2339	417456.79	1318979.21	52.596975	39.499625
2340	417444.33	1318996.96	52.596861	39.499884
2341	417431.19	1319023.68	52.59674	39.500276
2342	417413.33	1319063.1	52.596574	39.500854
2343	417358.56	1319181.6	52.596067	39.502591
2344	417366.46	1319193.29	52.596137	39.502765
2345	417373.65	1319205.12	52.5962	39.502941
2346	417379.62	1319220.09	52.596251	39.503163
2347	417382.55	1319247.31	52.596274	39.503565
2348	417380.74	1319261	52.596256	39.503767
2349	417376.28	1319275.99	52.596214	39.503987
2350	417367.41	1319288.88	52.596133	39.504176
2351	417355	1319298.4	52.59602	39.504314
2352	417340.25	1319303.61	52.595887	39.504387
2353	417324.61	1319304.01	52.595746	39.50439
2354	417307.87	1319299.33	52.595597	39.504317
2355	417294.98	1319290.46	52.595482	39.504184
2356	417285.47	1319278.04	52.595398	39.503999

2357	417280.25	1319263.29	52.595353	39.50378
2358	417279.85	1319247.65	52.595351	39.503549
2359	417270.58	1319235.48	52.59527	39.503368
2360	417256.43	1319210.78	52.595146	39.503
2361	417252.78	1319186.8	52.595116	39.502646
2362	417253.51	1319176.32	52.595124	39.502491
2363	417258.48	1319155.96	52.595171	39.502192
2364	417321.5	1319021.28	52.595754	39.500218
2365	417339.62	1318981.3	52.595922	39.499631
2366	417354.61	1318950.75	52.596061	39.499184
2367	417370.23	1318923.9	52.596205	39.498791
2368	417380.51	1318910.38	52.596299	39.498594
2369	417389.69	1318891.29	52.596384	39.498314
2370	417400	1318876.86	52.596478	39.498103
2371	417423.23	1318855.78	52.596689	39.497797
2372	417441.78	1318850.43	52.596857	39.497722
2373	417459.86	1318851.09	52.597019	39.497735
2374	417473.81	1318856.38	52.597144	39.497816
2375	417485.57	1318865.55	52.597248	39.497954
2376	417495.49	1318879.54	52.597336	39.498162
2377	417513.14	1318874.6	52.597495	39.498093
2378	417520.4	1318857.58	52.597562	39.497843
2379	417532.12	1318837.3	52.59767	39.497547
2380	417549.46	1318820.91	52.597828	39.497308
2381	417562.73	1318809.95	52.597949	39.497149
2382	417563.89	1318794.62	52.597961	39.496923
2383	417559.55	1318781.14	52.597924	39.496724
2384	417556.62	1318767.96	52.597899	39.496529
2385	417555.44	1318756.13	52.59789	39.496354
2386	417555.69	1318743.65	52.597894	39.49617
2387	417557.79	1318730.26	52.597914	39.495973
2388	417565.79	1318710.21	52.597989	39.495678
2389	417574.73	1318699.72	52.59807	39.495525
2390	417586.2	1318692.07	52.598174	39.495415
2391	417599.88	1318686.01	52.598298	39.495328
2392	417624.18	1318682.08	52.598517	39.495275
2393	417641.27	1318685.96	52.59867	39.495336
2394	417652.13	1318678.04	52.598769	39.495222
2395	417664.66	1318671.65	52.598882	39.49513
2396	417680.71	1318667.64	52.599027	39.495074
2397	417692.61	1318667.97	52.599133	39.495081
2398	417693.09	1318648.37	52.59914	39.494792
2399	417695.3	1318636.36	52.599162	39.494615
2400	417698.29	1318626.24	52.59919	39.494467
2401	417702.45	1318616.21	52.599228	39.49432
2402	417712.13	1318600.1	52.599317	39.494084

2403	417730.92	1318578.73	52.599489	39.493772
2404	417745.8	1318566.76	52.599624	39.493599
2405	417752.13	1318555.73	52.599682	39.493437
2406	417762.72	1318536.88	52.59978	39.493161
2407	417773.06	1318527.62	52.599874	39.493027
2408	417790.72	1318518.19	52.600034	39.492891
2409	417804.71	1318515.87	52.60016	39.49286
2410	417818.79	1318517.57	52.600286	39.492888
2411	417829.93	1318518.67	52.600386	39.492907
2412	417845.97	1318514.28	52.600531	39.492845
2413	417862.57	1318515.38	52.60068	39.492865
2414	417880.75	1318521.65	52.600842	39.492961
2415	417891.71	1318529.95	52.60094	39.493086
2416	417904.25	1318545.31	52.601051	39.493315
2417	417908.39	1318556.29	52.601086	39.493478
2418	417910.36	1318533.68	52.601107	39.493145
2419	417915.01	1318513.33	52.601151	39.492845
2420	417922.95	1318500.82	52.601224	39.492662
2421	417937.35	1318487.55	52.601355	39.49247
2422	417950.93	1318481.64	52.601478	39.492385
2423	417965.14	1318478.02	52.601606	39.492335
2424	417986.01	1318475.96	52.601794	39.492309
2425	418001.1	1318477.51	52.601929	39.492334
2426	418016.01	1318481.13	52.602063	39.492391
2427	418026.44	1318485.01	52.602156	39.49245
2428	418047.36	1318495.11	52.602343	39.492604
2429	418067.26	1318518.37	52.602519	39.492951
2430	418075.48	1318532.51	52.602591	39.493162
2431	418085.75	1318534.22	52.602683	39.493189
2432	418101.75	1318538.91	52.602826	39.493261
2433	418114	1318538.93	52.602936	39.493264
2434	418124.09	1318539.48	52.603027	39.493274
2435	418135.56	1318540.39	52.603129	39.49329
2436	418137.09	1318525.19	52.603145	39.493066
2437	418139.83	1318512.73	52.603171	39.492883
2438	418144.33	1318500.34	52.603213	39.492701
2439	418151.92	1318489.56	52.603283	39.492543
2440	418171.82	1318470.88	52.603464	39.492272
2441	418184.68	1318465.38	52.60358	39.492193
2442	418210.66	1318461.24	52.603814	39.492138
2443	418224.5	1318462.23	52.603938	39.492155
2444	418236.14	1318464.47	52.604043	39.492191
2445	418244.91	1318450.03	52.604123	39.491979
2446	418255.77	1318435.98	52.604223	39.491774
2447	418270.86	1318426.61	52.604359	39.491639
2448	418281.87	1318413.67	52.60446	39.49145

2449	418302.7	1318388.99	52.60465	39.49109
2450	418313.33	1318382.31	52.604747	39.490994
2451	418326.65	1318375.5	52.604867	39.490896
2452	418339.13	1318368.91	52.60498	39.490802
2453	418356.02	1318359.2	52.605133	39.490662
2454	418375.63	1318351.97	52.60531	39.490559
2455	418397.23	1318350.59	52.605504	39.490543
2456	418415.72	1318336.59	52.605672	39.49034
2457	418428.35	1318332.35	52.605786	39.49028
2458	418437.19	1318320.15	52.605867	39.490102
2459	418440.28	1318302.77	52.605897	39.489846
2460	418443.55	1318291.83	52.605928	39.489685
2461	418455.2	1318264.66	52.606036	39.489287
2462	418478.7	1318229.38	52.606252	39.488771
2463	418491.85	1318216.56	52.606371	39.488585
2464	418512.18	1318203	52.606556	39.488389
2465	418527.97	1318188.88	52.606699	39.488183
2466	418546.4	1318178.41	52.606866	39.488033
2467	418561.92	1318173.56	52.607006	39.487964
2468	418581.72	1318171.53	52.607185	39.487938
2469	418593.46	1318172.68	52.60729	39.487958
2470	418610.4	1318177.46	52.607441	39.488032
2471	418630.93	1318189.89	52.607624	39.48822
2472	418636.83	1318168.23	52.60768	39.487901
2473	418632.41	1318139.94	52.607644	39.487483
2474	418624.89	1318103.26	52.607581	39.48694
2475	418624.96	1318082.8	52.607584	39.486638
2476	418634.66	1318037.2	52.607677	39.485967
2477	418651.46	1317991.81	52.607834	39.4853
2478	418667.4	1317960.33	52.607981	39.484839
2479	418683.16	1317923.26	52.608127	39.484295
2480	418695.01	1317902.34	52.608236	39.483989
2481	418708.07	1317884.39	52.608356	39.483726
2482	418715.58	1317866.71	52.608425	39.483467
2483	418718.86	1317853.17	52.608456	39.483268
2484	418722.01	1317836.18	52.608487	39.483018
2485	418725.06	1317825.97	52.608516	39.482868
2486	418731.12	1317811.5	52.608572	39.482655
2487	418742.11	1317795.24	52.608673	39.482418
2488	418753.51	1317783.99	52.608776	39.482254
2489	418775.73	1317768.84	52.608978	39.482035
2490	418804.26	1317731.2	52.609239	39.481485
2491	418826.07	1317703.81	52.609438	39.481085
2492	418834.81	1317693.76	52.609518	39.480939
2493	418839.98	1317675.84	52.609567	39.480675
2494	418844.95	1317645.78	52.609615	39.480233

2495	418856.64	1317627.19	52.609723	39.479961
2496	418872.31	1317615.74	52.609865	39.479795
2497	418871.09	1317605.62	52.609855	39.479645
2498	418874.21	1317590.09	52.609885	39.479417
2499	418888.52	1317551.76	52.610018	39.478854
2500	418895.61	1317535.26	52.610084	39.478612
2501	418903.03	1317522.06	52.610152	39.478418
2502	418912.99	1317507.94	52.610244	39.478212
2503	418923.83	1317496.97	52.610342	39.478052
2504	418936.08	1317476.35	52.610455	39.47775
2505	418946.21	1317468.19	52.610547	39.477632
2506	418960.54	1317446.35	52.610679	39.477313
2507	418975.12	1317436.06	52.610811	39.477164
2508	418991.94	1317416.64	52.610964	39.47688
2509	419007.54	1317407.25	52.611106	39.476745
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2511	419007.62	1317376.14	52.61111	39.476286
2512	419001.43	1317351.27	52.611058	39.475917
2513	419002.9	1317335.19	52.611073	39.47568
2514	419014.46	1317308.94	52.61118	39.475295
2515	419034.67	1317289.14	52.611364	39.475007
2516	419042.49	1317274.56	52.611436	39.474794
2517	419034.82	1317257.5	52.611369	39.47454
2518	419029.78	1317239.54	52.611326	39.474274
2519	419029.93	1317215.49	52.611331	39.473919
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2521	419048.07	1317182.15	52.611498	39.473431
2522	419058.6	1317173.98	52.611593	39.473312
2523	419074.8	1317160.41	52.61174	39.473115
2524	419090.18	1317151.31	52.61188	39.472984
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2529	419131.82	1317097.94	52.612261	39.472205
2530	419127.16	1317071.15	52.612222	39.471808
2531	419128.17	1317060.54	52.612232	39.471652
2532	419131.83	1317045.94	52.612267	39.471437
2533	419148.04	1317020	52.612416	39.471057
2534	419158.41	1317011.07	52.61251	39.470928
2535	419180.75	1316994.14	52.612713	39.470682
2536	419197.11	1316985.79	52.612861	39.470562
2537	419212.25	1316981.32	52.612998	39.470499
2538	419225.33	1316979.29	52.613115	39.470472
2539	419237.01	1316979.04	52.61322	39.470471
2540	419248.92	1316980.22	52.613327	39.470491

2541	419259.98	1316982.68	52.613426	39.470529
2542	419279.63	1316985.66	52.613602	39.470577
2543	419293.39	1316984.71	52.613726	39.470566
2544	419303.74	1316971.68	52.613821	39.470376
2545	419315.4	1316963.79	52.613927	39.470262
2546	419325.89	1316958.67	52.614021	39.470188
2547	419337.75	1316954.63	52.614128	39.470131
2548	419350.24	1316953.67	52.614241	39.470119
2549	419360.66	1316954.18	52.614334	39.470129
2550	419377.04	1316957.8	52.614481	39.470186
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2553	419427.86	1316946.29	52.614939	39.470026
2554	419447.25	1316930.83	52.615115	39.469802
2555	419459.64	1316925.25	52.615227	39.469722
2556	419474.6	1316919.19	52.615362	39.469635
2557	419490.26	1316914.76	52.615504	39.469573
2558	419507.04	1316912.96	52.615655	39.46955
2559	419521.28	1316911.85	52.615783	39.469536
2560	419536.31	1316886.7	52.615921	39.469168
2561	419547.35	1316873.97	52.616022	39.468982
2562	419561.99	1316865.62	52.616154	39.468862
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2567	419625.27	1316865.48	52.616723	39.468873
2568	419637.45	1316873.74	52.616831	39.468997
2569	419649.71	1316861.12	52.616943	39.468813
2570	419655.98	1316845.13	52.617001	39.468579
2571	419659.53	1316829.37	52.617035	39.468347
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2573	419673.62	1316800.04	52.617165	39.467917
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2575	419694.82	1316776.55	52.617359	39.467574
2576	419708.57	1316765.26	52.617484	39.46741
2577	419720.78	1316757.86	52.617594	39.467303
2578	419734.16	1316752.19	52.617715	39.467222
2579	419734.47	1316737.55	52.61772	39.467006
2580	419739.71	1316717.19	52.617769	39.466707
2581	419747.28	1316702.05	52.617839	39.466485
2582	419758.24	1316687.53	52.617939	39.466273
2583	419773.67	1316677.89	52.618079	39.466133
2584	419790.13	1316671.41	52.618228	39.466041
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2586	419808.38	1316643.46	52.618395	39.465632

2587	419814.66	1316630.19	52.618453	39.465438
2588	419836.57	1316597.45	52.618654	39.464959
2589	419851.47	1316582.96	52.61879	39.464748
2590	419867.97	1316572.56	52.618939	39.464597
2591	419883.51	1316561.3	52.61908	39.464434
2592	419897.91	1316554.07	52.619211	39.46433
2593	419918.29	1316547.68	52.619395	39.46424
2594	419937.17	1316544.2	52.619565	39.464193
2595	419945.13	1316532.55	52.619638	39.464022
2596	419939.65	1316520.26	52.61959	39.46384
2597	419933.9	1316506.72	52.61954	39.463639
2598	419930.51	1316493.62	52.619511	39.463445
2599	419928.92	1316479.89	52.619498	39.463242
2600	419931.15	1316466.26	52.61952	39.463041
2601	419937.03	1316453.76	52.619574	39.462857
2602	419951.13	1316432.13	52.619704	39.462541
2603	419959.32	1316406.75	52.61978	39.462168
2604	419958.58	1316389.49	52.619776	39.461913
2605	419962.16	1316373.5	52.61981	39.461678
2606	419969.44	1316355.55	52.619878	39.461414
2607	419983.3	1316328.98	52.620005	39.461025
2608	419993.66	1316311.48	52.620101	39.460768
2609	419995.5	1316291.21	52.62012	39.460469
2610	419998.3	1316277.92	52.620146	39.460274
2611	420004.57	1316265.87	52.620204	39.460097
2612	420013.67	1316241.86	52.620289	39.459744
2613	420017.08	1316223.53	52.620322	39.459474
2614	420021.68	1316209.98	52.620365	39.459275
2615	420029.94	1316198.29	52.62044	39.459104
2616	420049.41	1316180.48	52.620617	39.458845
2617	420058.81	1316160.54	52.620704	39.458553
2618	420064.27	1316148.7	52.620755	39.458379
2619	420071.73	1316128.5	52.620824	39.458082
2620	420077.72	1316117.09	52.620879	39.457915
2621	420089.64	1316100.13	52.620989	39.457667
2622	420097.53	1316088.24	52.621061	39.457493
2623	420109.3	1316075.03	52.621168	39.4573
2624	420112.17	1316054.77	52.621197	39.457002
2625	420109.92	1316043.25	52.621178	39.456831
2626	420109.38	1316027.45	52.621175	39.456598
2627	420110.86	1316015.56	52.62119	39.456423
2628	420116.72	1315994.27	52.621245	39.45611
2629	420119.99	1315981.21	52.621276	39.455917
2630	420126.13	1315958.64	52.621334	39.455585
2631	420134.46	1315941.68	52.621411	39.455337
2632	420144.31	1315928.63	52.621501	39.455146

2633	420156.93	1315914.64	52.621616	39.454942
2634	420172.25	1315903.42	52.621755	39.454779
2635	420182.84	1315891.12	52.621851	39.4546
2636	420197.65	1315866.37	52.621987	39.454237
2637	420210.02	1315848.65	52.622101	39.453978
2638	420221.43	1315831.01	52.622205	39.45372
2639	420231.33	1315816.9	52.622296	39.453514
2640	420242.57	1315806.13	52.622398	39.453357
2641	420255.59	1315795.81	52.622517	39.453207
2642	420263.57	1315782.49	52.62259	39.453012
2643	420260.38	1315771.4	52.622563	39.452848
2644	420257.43	1315759	52.622538	39.452664
2645	420252.71	1315729.58	52.622499	39.452229
2646	420252.44	1315716.27	52.622498	39.452032
2647	420253.78	1315704.57	52.622511	39.45186
2648	420260.46	1315684.71	52.622574	39.451568
2649	420272.67	1315669.82	52.622685	39.45135
2650	420287.44	1315661.33	52.622819	39.451228
2651	420304.19	1315658.29	52.62297	39.451186
2652	420312.41	1315643.83	52.623045	39.450975
2653	420318.48	1315623.78	52.623102	39.45068
2654	420319.12	1315611.37	52.62311	39.450497
2655	420319.12	1315594.79	52.623112	39.450252
2656	420319.62	1315575.35	52.623118	39.449965
2657	420322.17	1315560.89	52.623143	39.449752
2658	420327.13	1315546.01	52.62319	39.449533
2659	420332.89	1315534.2	52.623243	39.44936
2660	420353.97	1315513.34	52.623435	39.449056
2661	420374.12	1315502.57	52.623617	39.448901
2662	420396.87	1315496.63	52.623822	39.448818
2663	420399.05	1315477.66	52.623844	39.448538
2664	420391.7	1315459.53	52.62378	39.448269
2665	420388.77	1315449.32	52.623755	39.448118
2666	420386.8	1315437.99	52.623739	39.44795
2667	420386.57	1315408.17	52.62374	39.44751
2668	420390.84	1315382.04	52.623782	39.447125
2669	420396.8	1315360.43	52.623838	39.446807
2670	420405.02	1315343.98	52.623914	39.446566
2671	420417.27	1315327.81	52.624026	39.446329
2672	420430.7	1315313.32	52.624148	39.446118
2673	420431.79	1315299.55	52.62416	39.445915
2674	420433.42	1315277.44	52.624177	39.445589
2675	420435.49	1315266.7	52.624197	39.445431
2676	420441.86	1315246.11	52.624256	39.445128
2677	420448.72	1315232.15	52.62432	39.444923
2678	420461.44	1315214.04	52.624436	39.444658

2679	420479.52	1315194.43	52.624601	39.444372
2680	420490.76	1315183.92	52.624703	39.444219
2681	420501.81	1315168.3	52.624804	39.443991
2682	420526.31	1315143.23	52.625028	39.443626
2683	420534.75	1315133.15	52.625105	39.443478
2684	420545.02	1315123.87	52.625198	39.443343
2685	420555.8	1315103.47	52.625297	39.443044
2686	420570.84	1315077.27	52.625435	39.44266
2687	420618.71	1315024.6	52.625872	39.441892
2688	420644.44	1314994.44	52.626107	39.441452
2689	420676.15	1314948.91	52.626397	39.440786
2690	420720.9	1314897.44	52.626805	39.440035
2691	420749.6	1314863	52.627067	39.439532
2692	420759.92	1314843.25	52.627162	39.439242
2693	420763.7	1314815.66	52.6272	39.438835
2694	420766.94	1314803.59	52.62723	39.438658
2695	420773.07	1314792.7	52.627287	39.438498
2696	420783.5	1314778.63	52.627382	39.438292
2697	420794.38	1314767.88	52.627481	39.438136
2698	420807.99	1314760.93	52.627604	39.438036
2699	420823.07	1314758.41	52.62774	39.438002
2700	420838.21	1314760.57	52.627876	39.438036
2701	420851.98	1314767.2	52.627999	39.438137
2702	420863.6	1314766.04	52.628103	39.438122
2703	420879.63	1314748.61	52.628249	39.437868
2704	420894.26	1314733.14	52.628383	39.437642
2705	420906.92	1314720.24	52.628498	39.437454
2706	420918.84	1314706.18	52.628607	39.437249
2707	420931.23	1314690.73	52.62872	39.437023
2708	420944.75	1314678.98	52.628843	39.436852
2709	420955.52	1314672.08	52.62894	39.436753
2710	420966.15	1314664.16	52.629037	39.436638
2711	420978.91	1314653.48	52.629153	39.436483
2712	420984.49	1314640.5	52.629204	39.436292
2713	420986.23	1314617.91	52.629223	39.435959
2714	420989.45	1314602.12	52.629253	39.435726
2715	420994.87	1314587.82	52.629304	39.435516
2716	421001.34	1314575.94	52.629363	39.435342
2717	421013.97	1314560.34	52.629479	39.435114
2718	421032.39	1314543.37	52.629646	39.434867
2719	421049.33	1314530.81	52.6298	39.434685
2720	421067.12	1314520.43	52.629961	39.434535
2721	421082.69	1314515.97	52.630101	39.434472
2722	421090.9	1314500.7	52.630177	39.434248
2723	421096.65	1314489.55	52.63023	39.434085
2724	421110.6	1314472.13	52.630357	39.43383

2725	421123.62	1314458.69	52.630476	39.433634
2726	421138.17	1314443.66	52.630608	39.433415
2727	421149.03	1314430.74	52.630708	39.433227
2728	421155.79	1314418.51	52.63077	39.433047
2729	421163.92	1314404.44	52.630844	39.432841
2730	421169.88	1314394.19	52.630899	39.432691
2731	421183.63	1314375.53	52.631025	39.432418
2732	421198.28	1314361.07	52.631158	39.432207
2733	421212.79	1314351.82	52.63129	39.432074
2734	421229.26	1314345.84	52.631438	39.431988
2735	421243.79	1314338.84	52.63157	39.431888
2736	421259.37	1314334.2	52.63171	39.431822
2737	421273.21	1314332.35	52.631835	39.431798
1748	421266.91	1314344.19	52.631777	39.431971
2738	417300.73	1319172.2	52.595549	39.50244
2739	417302.81	1319175.92	52.595567	39.502495
2740	417303.17	1319178.37	52.59557	39.502532
2741	417303.39	1319179.79	52.595572	39.502553
2742	417302.66	1319190.27	52.595564	39.502707
2743	417304.66	1319197.62	52.595581	39.502816
2744	417310.54	1319205.43	52.595633	39.502932
2745	417315.67	1319210.56	52.595678	39.503009
2746	417323.54	1319222.22	52.595747	39.503183
2747	417329.14	1319231.54	52.595796	39.503322
2748	417331.19	1319240.83	52.595814	39.503459
2749	417329.42	1319254.21	52.595796	39.503656
2750	417331.17	1319254.44	52.595812	39.50366
2751	417332.98	1319240.75	52.59583	39.503458
2752	417330.8	1319230.88	52.595811	39.503312
2753	417325.03	1319221.28	52.595761	39.503169
2754	417317.03	1319209.44	52.59569	39.502993
2755	417311.87	1319204.27	52.595645	39.502916
2756	417306.27	1319196.83	52.595595	39.502805
2757	417304.43	1319190.09	52.59558	39.502705
2758	417305.15	1319179.72	52.595587	39.502552
2759	417304.96	1319178.4	52.595586	39.502532
2760	417367.78	1319042.46	52.596168	39.50054
2761	417385.98	1319002.32	52.596336	39.499951
2762	417400.28	1318973.23	52.596468	39.499525
2763	417414.08	1318949.75	52.596595	39.499181
2764	417421.59	1318940.54	52.596664	39.499047
2765	417428.18	1318930.53	52.596724	39.498901
2766	417432.3	1318919.13	52.596763	39.498733
2767	417437.35	1318911.44	52.596809	39.498621
2768	417442.06	1318906.37	52.596852	39.498547
2769	417446.56	1318901.11	52.596893	39.49847

2770	417448.95	1318900.9	52.596915	39.498468
2771	417450.98	1318903.05	52.596933	39.4985
2772	417460.28	1318925.05	52.597014	39.498827
2773	417469.26	1318930.79	52.597094	39.498913
2774	417484.42	1318929.81	52.59723	39.498902
2775	417498.74	1318930.78	52.597358	39.498919
2776	417514.37	1318929.07	52.597499	39.498897
2777	417525.56	1318923.96	52.5976	39.498824
2778	417538.1	1318920.83	52.597713	39.49878
2779	417543.42	1318920.33	52.597761	39.498774
2780	417549	1318915.87	52.597812	39.49871
2781	417557.5	1318907.36	52.597889	39.498586
2782	417565.8	1318899.31	52.597965	39.498469
2783	417568.66	1318893.9	52.597991	39.498389
2784	417569.42	1318888.67	52.597999	39.498312
2785	417566.98	1318882.41	52.597978	39.49822
2786	417567.4	1318877.13	52.597982	39.498142
2787	417569.7	1318871.63	52.598003	39.498061
2788	417573.76	1318867.22	52.59804	39.497997
2789	417582.89	1318859.29	52.598124	39.497882
2790	417590.63	1318852.52	52.598194	39.497783
2791	417596.94	1318848.4	52.598251	39.497724
2792	417602.07	1318844	52.598298	39.49766
2793	417607.7	1318838.37	52.598349	39.497578
2794	417612.36	1318830.28	52.598392	39.49746
2795	417615.55	1318821.94	52.598422	39.497337
2796	417616.77	1318809.23	52.598434	39.49715
2797	417615.79	1318794.61	52.598427	39.496934
2798	417613.11	1318781.21	52.598405	39.496736
2799	417609.23	1318770.05	52.598371	39.49657
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2801	417606.58	1318744.77	52.598351	39.496197
2802	417608.68	1318737.74	52.598371	39.496093
2803	417615.51	1318734.44	52.598432	39.496046
2804	417620.49	1318732.84	52.598477	39.496024
2805	417625.88	1318733.25	52.598526	39.496031
2806	417634.43	1318738.09	52.598602	39.496104
2807	417639.41	1318742.59	52.598646	39.496171
2808	417645.19	1318745.24	52.598698	39.496212
2809	417650.49	1318744.14	52.598745	39.496197
2810	417655.43	1318739.69	52.59879	39.496132
2811	417660.49	1318734.88	52.598836	39.496062
2812	417667.04	1318731.24	52.598896	39.49601
2813	417671.91	1318726.61	52.59894	39.495942
2814	417676.86	1318722.87	52.598985	39.495888
2815	417681.29	1318719.75	52.599025	39.495843

2816	417685.37	1318718.36	52.599062	39.495823
2817	417688.48	1318718.82	52.59909	39.495831
2818	417691.79	1318720.29	52.59912	39.495853
2819	417694.45	1318720.16	52.599143	39.495852
2820	417694.4	1318719.26	52.599143	39.495839
2821	417691.96	1318719.38	52.599121	39.49584
2822	417688.73	1318717.94	52.599092	39.495818
2823	417685.29	1318717.43	52.599061	39.49581
2824	417680.88	1318718.94	52.599022	39.495831
2825	417676.33	1318722.14	52.59898	39.495877
2826	417671.33	1318725.92	52.598935	39.495932
2827	417666.5	1318730.51	52.598891	39.495999
2828	417659.95	1318734.15	52.598832	39.496051
2829	417654.82	1318739.03	52.598785	39.496122
2830	417650.07	1318743.31	52.598742	39.496184
2831	417645.3	1318744.3	52.598699	39.496198
2832	417639.91	1318741.83	52.598651	39.49616
2833	417634.96	1318737.36	52.598607	39.496093
2834	417626.15	1318732.37	52.598528	39.496018
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2836	417615.18	1318733.61	52.59843	39.496034
2837	417607.94	1318737.1	52.598364	39.496084
2838	417605.68	1318744.63	52.598343	39.496194
2839	417605.43	1318757.11	52.598339	39.496379
2840	417608.36	1318770.29	52.598364	39.496574
2841	417612.24	1318781.45	52.598397	39.496739
2842	417614.9	1318794.73	52.598419	39.496936
2843	417615.86	1318809.22	52.598426	39.49715
2844	417614.66	1318821.73	52.598414	39.497334
2845	417611.54	1318829.89	52.598385	39.497454
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2847	417601.46	1318843.34	52.598292	39.49765
2848	417596.4	1318847.67	52.598246	39.497713
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2850	417582.3	1318858.61	52.598118	39.497872
2851	417573.13	1318866.57	52.598035	39.497987
2852	417568.93	1318871.14	52.597997	39.498054
2853	417566.51	1318876.91	52.597974	39.498138
2854	417566.07	1318882.55	52.597969	39.498221
2855	417568.49	1318888.78	52.59799	39.498314
2856	417567.79	1318893.62	52.597983	39.498385
2857	417565.07	1318898.76	52.597958	39.49846
2858	417556.87	1318906.72	52.597884	39.498576
2859	417548.4	1318915.19	52.597807	39.498699
2860	417543.06	1318919.46	52.597758	39.498761
2861	417537.95	1318919.94	52.597712	39.498767

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2863	417514.13	1318928.19	52.597497	39.498884
2864	417498.72	1318929.88	52.597358	39.498906
2865	417484.42	1318928.91	52.59723	39.498889
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2867	417461	1318924.44	52.59702	39.498818
2868	417451.75	1318902.54	52.59694	39.498493
2869	417449.3	1318899.96	52.596918	39.498454
2870	417446.11	1318900.24	52.596889	39.498458
2871	417441.39	1318905.77	52.596846	39.498538
2872	417436.64	1318910.89	52.596803	39.498613
2873	417431.49	1318918.72	52.596756	39.498727
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2875	417420.86	1318940.01	52.596657	39.499039
2876	417413.34	1318949.23	52.596589	39.499174
2877	417399.48	1318972.81	52.596461	39.499519
2878	417385.16	1319001.94	52.596329	39.499945
2879	417366.97	1319042.09	52.59616	39.500534
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2881	417304.5	1319175.34	52.595582	39.502487
2882	417302.27	1319171.34	52.595563	39.502428
2738	417300.73	1319172.2	52.595549	39.50244
2883	418390.45	1318401.58	52.605437	39.491294
2884	418402.74	1318403.71	52.605547	39.491328
2885	418413.71	1318408.64	52.605645	39.491403
2886	418411.77	1318413.2	52.605627	39.49147
2887	418414.04	1318421.11	52.605647	39.491587
2888	418443.15	1318450.34	52.605905	39.492025
2889	418452.37	1318458.46	52.605986	39.492147
2890	418458.19	1318464.65	52.606038	39.492239
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2892	418474.08	1318476.53	52.606179	39.492418
2893	418487.9	1318470.35	52.606304	39.492329
2894	418503.79	1318460.4	52.606448	39.492186
2895	418511.43	1318449.85	52.606518	39.492032
2896	418520.41	1318431.78	52.606601	39.491767
2897	418521.86	1318419.53	52.606616	39.491586
2898	418516.89	1318412.01	52.606572	39.491474
2899	418507.19	1318396.85	52.606487	39.491249
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2901	418513.13	1318368.47	52.606544	39.490831
2902	418514.59	1318352.46	52.606559	39.490595
2903	418507.95	1318345.48	52.6065	39.490491
2904	418509.12	1318328.48	52.606513	39.49024
2905	418513.98	1318318.5	52.606557	39.490094
2906	418524.44	1318288.24	52.606655	39.489649

2907	418549.67	1318264.95	52.606885	39.489311
2908	418565.16	1318252.88	52.607026	39.489136
2909	418574.85	1318246.76	52.607113	39.489047
2910	418583.72	1318248.76	52.607193	39.489079
2911	418589.45	1318253.31	52.607244	39.489147
2912	418600.12	1318265.92	52.607338	39.489335
2913	418608.86	1318287.27	52.607414	39.489652
2914	418614.53	1318299.94	52.607463	39.48984
2915	418624.96	1318307.7	52.607556	39.489957
2916	418633.45	1318311.46	52.607632	39.490014
2917	418645.94	1318311.1	52.607744	39.490012
2918	418660.74	1318301.76	52.607878	39.489877
2919	418670.56	1318292.91	52.607968	39.489748
2920	418679.05	1318280.05	52.608045	39.48956
2921	418688.75	1318269.74	52.608134	39.48941
2922	418700.64	1318266.83	52.608241	39.489369
2923	418710.34	1318256.4	52.60833	39.489217
2924	418716.53	1318246.33	52.608386	39.48907
2925	418727.44	1318233.23	52.608486	39.488879
2926	418730.35	1318218.32	52.608514	39.48866
2927	418727.81	1318201.09	52.608493	39.488405
2928	418726.23	1318188.24	52.608481	39.488215
2929	418721.26	1318162.89	52.608439	39.48784
2930	418711.56	1318139.24	52.608355	39.487489
2931	418698.82	1318118.5	52.608243	39.48718
2932	418691.85	1318094.16	52.608184	39.486819
2933	418694.24	1318063.13	52.608209	39.486362
2934	418700.06	1318040.81	52.608264	39.486033
2935	418709.77	1318019.47	52.608354	39.48572
2936	418729.17	1317999.09	52.608531	39.485424
2937	418734.99	1317969.98	52.608587	39.484995
2938	418744.55	1317944.09	52.608676	39.484615
2939	418755.95	1317930.87	52.60878	39.484422
2940	418764.92	1317922.26	52.608862	39.484297
2941	418773.9	1317909.28	52.608944	39.484107
2942	418777.9	1317897.03	52.608981	39.483927
2943	418779.84	1317872.16	52.609002	39.483561
2944	418777.69	1317853.55	52.608985	39.483285
2945	418780.99	1317840.08	52.609016	39.483087
2946	418788.36	1317829.29	52.609084	39.48293
2947	418813.59	1317811.82	52.609313	39.482677
2948	418832.02	1317793.39	52.609481	39.482409
2949	418844.64	1317771.07	52.609597	39.482082
2950	418852.55	1317757.67	52.60967	39.481886
2951	418865.59	1317742.39	52.609789	39.481663
2952	418882.43	1317726.07	52.609942	39.481425

2953	418888.72	1317707.97	52.610001	39.481159
2954	418892.01	1317691.51	52.610032	39.480917
2955	418896.29	1317674.71	52.610073	39.48067
2956	418899.97	1317675.44	52.610106	39.480682
2957	418902.34	1317667.19	52.610128	39.48056
2958	418900.31	1317664.51	52.61011	39.48052
2959	418901.21	1317661.12	52.610119	39.48047
2960	418896.77	1317658.75	52.610079	39.480435
2961	418894.39	1317662.41	52.610057	39.480488
2962	418892.53	1317662	52.610041	39.480482
2963	418890.35	1317666.73	52.610021	39.480551
2964	418890.51	1317671.56	52.610021	39.480622
2965	418892.6	1317673.5	52.61004	39.480651
2966	418888.06	1317689.57	52.609997	39.480888
2967	418879.77	1317718.31	52.609919	39.48131
2968	418865.01	1317735.17	52.609784	39.481556
2969	418845.82	1317759	52.609609	39.481904
2970	418823.75	1317791.99	52.609407	39.482386
2971	418806.52	1317808.61	52.60925	39.482628
2972	418788.63	1317819.59	52.609088	39.482786
2973	418777.23	1317830.84	52.608984	39.48295
2974	418771.17	1317845.3	52.608927	39.483162
2975	418767.77	1317863.61	52.608895	39.483432
2976	418764.1	1317878.77	52.60886	39.483655
2977	418758.98	1317898.85	52.608811	39.48395
2978	418748.58	1317913.7	52.608716	39.484167
2979	418738.06	1317927.77	52.60862	39.484373
2980	418729.17	1317942.81	52.608538	39.484593
2981	418712.68	1317981.62	52.608385	39.485162
2982	418698.12	1318009.76	52.608251	39.485575
2983	418683.57	1318047.6	52.608115	39.48613
2984	418673.87	1318093.21	52.608022	39.486801
2985	418681.63	1318131.05	52.608087	39.487362
2986	418686.48	1318162.1	52.608127	39.487821
2987	418689.39	1318194.12	52.608149	39.488294
2988	418685.36	1318214.31	52.60811	39.488591
2989	418673.96	1318231.41	52.608006	39.488841
2990	418665.1	1318242.69	52.607925	39.489006
2991	418659.77	1318245.85	52.607877	39.489051
2992	418654.07	1318261.98	52.607823	39.489288
2993	418645.33	1318269.62	52.607744	39.489399
2994	418638.78	1318275.44	52.607684	39.489484
2995	418634.3	1318275.32	52.607644	39.489481
2996	418627.14	1318266.59	52.607581	39.489351
2997	418615.86	1318248.76	52.607482	39.489085
2998	418607.73	1318236.63	52.60741	39.488905

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3000	418588.57	1318222.44	52.60724	39.488691
3001	418576.84	1318221.29	52.607134	39.488672
3002	418561.31	1318226.14	52.606994	39.48874
3003	418542.88	1318242.63	52.606827	39.48898
3004	418519.59	1318258.16	52.606615	39.489204
3005	418501.15	1318284.36	52.606446	39.489587
3006	418489.51	1318311.52	52.606338	39.489986
3007	418485.36	1318334.87	52.606298	39.490329
3008	418476.38	1318355.13	52.606215	39.490626
3009	418457.46	1318377.69	52.606042	39.490956
3010	418458.07	1318382.78	52.606047	39.491031
3011	418477.96	1318408.86	52.606222	39.49142
3012	418482.32	1318418.8	52.60626	39.491567
3013	418481.75	1318428.93	52.606254	39.491717
3014	418469.59	1318436.99	52.606144	39.491833
3015	418456.63	1318451.15	52.606026	39.49204
3016	418454.31	1318448.88	52.606005	39.492006
3017	418458.67	1318443.91	52.606045	39.491933
3018	418471.65	1318430.57	52.606163	39.491739
3019	418475.77	1318420.26	52.606201	39.491588
3020	418474.2	1318412.25	52.606188	39.491469
3021	418455.03	1318389.57	52.606019	39.49113
3022	418447.27	1318382.17	52.60595	39.49102
3023	418437.81	1318381.45	52.605865	39.491007
3024	418417.68	1318399.27	52.605682	39.491266
3025	418414.48	1318406.81	52.605652	39.491376
3026	418403.26	1318401.99	52.605552	39.491303
3027	418390.33	1318399.76	52.605436	39.491267
3028	418380.57	1318402.76	52.605348	39.49131
3029	418367.12	1318410.34	52.605226	39.491419
3030	418358.18	1318416.38	52.605145	39.491506
3031	418346.34	1318421.45	52.605038	39.491578
3032	418336.57	1318426.58	52.60495	39.491652
3033	418330.06	1318430.84	52.604891	39.491714
3034	418324.33	1318440.06	52.604838	39.491849
3035	418320.21	1318451.7	52.6048	39.492019
3036	418314.52	1318460.71	52.604747	39.492151
3037	418308.67	1318465.39	52.604694	39.492219
3038	418301.52	1318468.25	52.60463	39.49226
3039	418289.27	1318473.1	52.604519	39.492329
3040	418285.83	1318479.7	52.604487	39.492426
3041	418287.55	1318493.46	52.604501	39.492629
3042	418286.13	1318505.78	52.604487	39.492811
3043	418279.76	1318516.88	52.604428	39.492973
3044	418272.84	1318522.36	52.604365	39.493052

3045	418268.67	1318525.92	52.604327	39.493104
3046	418261.57	1318523.4	52.604264	39.493066
3047	418253.7	1318521.92	52.604193	39.493042
3048	418245.3	1318521.2	52.604118	39.49303
3049	418232.48	1318515.78	52.604003	39.492947
3050	418220.94	1318512.1	52.6039	39.49289
3051	418207.1	1318511.11	52.603776	39.492873
3052	418197.73	1318513.64	52.603691	39.492908
3053	418188.66	1318523.47	52.603609	39.493051
3054	418185.92	1318535.93	52.603583	39.493235
3055	418186.16	1318555.15	52.603582	39.493518
3056	418184.24	1318574.63	52.603563	39.493806
3057	418179.73	1318586.01	52.603521	39.493973
3058	418171.92	1318595.01	52.603449	39.494104
3059	418166.41	1318598.37	52.603399	39.494152
3060	418160.11	1318599.65	52.603343	39.49417
3061	418151.71	1318598.35	52.603267	39.494149
3062	418144.51	1318595.14	52.603203	39.4941
3063	418137.19	1318591.08	52.603138	39.494039
3064	418128.77	1318589.93	52.603062	39.49402
3065	418123.54	1318590.01	52.603015	39.49402
3066	418116.34	1318588.88	52.602951	39.494002
3067	418100.82	1318589.6	52.602811	39.494009
3068	418089.17	1318587.42	52.602707	39.493975
3069	418077.53	1318583.54	52.602603	39.493915
3070	418067.34	1318581.84	52.602511	39.493888
3071	418056.67	1318580.39	52.602416	39.493864
3072	418047.45	1318576.26	52.602333	39.493801
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3074	418027.26	1318548.37	52.602155	39.493386
3075	418017.25	1318535.02	52.602067	39.493187
3076	418009	1318531.87	52.601993	39.493138
3077	417998.57	1318527.99	52.6019	39.493079
3078	417991.3	1318526.53	52.601835	39.493056
3079	417982.08	1318525.81	52.601752	39.493043
3080	417973.83	1318527.26	52.601678	39.493063
3081	417963.88	1318529.93	52.601588	39.4931
3082	417960.73	1318533.57	52.601559	39.493153
3083	417960	1318539.63	52.601552	39.493243
3084	417961.46	1318549.58	52.601564	39.49339
3085	417960.97	1318558.07	52.601559	39.493515
3086	417960.97	1318565.35	52.601558	39.493622
3087	417961.94	1318571.65	52.601566	39.493716
3088	417960.73	1318580.87	52.601554	39.493851
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3090	417942.78	1318594.21	52.601391	39.494045

3091	417937.69	1318598.58	52.601344	39.494108
3092	417935.75	1318603.92	52.601326	39.494186
3093	417937.88	1318606.56	52.601345	39.494226
3094	417936.17	1318608.2	52.601329	39.49425
3095	417932.48	1318611.89	52.601296	39.494303
3096	417928.6	1318613.26	52.601261	39.494323
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3098	417921.03	1318607.7	52.601193	39.494239
3099	417917.56	1318605.65	52.601163	39.494208
3100	417911.78	1318605.65	52.601111	39.494207
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3105	417883.48	1318609.4	52.600856	39.494256
3106	417879.21	1318607.63	52.600818	39.494229
3107	417874.43	1318603.02	52.600775	39.49416
3108	417866.23	1318590.24	52.600703	39.49397
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3110	417861.91	1318576.06	52.600666	39.49376
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3114	417844.02	1318567.26	52.600507	39.493626
3115	417838.71	1318570.88	52.600458	39.493679
3116	417830.34	1318573.51	52.600383	39.493716
3117	417824.21	1318573.75	52.600328	39.493718
3118	417815.83	1318569.68	52.600253	39.493656
3119	417811.69	1318567.44	52.600216	39.493622
3120	417805.81	1318565.86	52.600163	39.493598
3121	417800.92	1318569.14	52.600119	39.493645
3122	417797.73	1318576.24	52.60009	39.493749
3123	417796.04	1318583	52.600074	39.493849
3124	417790.27	1318592.86	52.60002	39.493993
3125	417784.13	1318600.16	52.599964	39.4941
3126	417776.65	1318606.11	52.599896	39.494186
3127	417770.21	1318611.09	52.599838	39.494258
3128	417765.73	1318615.45	52.599797	39.494321
3129	417759.39	1318619.84	52.59974	39.494385
3130	417753.51	1318628.16	52.599686	39.494506
3131	417748.64	1318635.36	52.599641	39.494612
3132	417744.48	1318645.39	52.599602	39.494759
3133	417742.27	1318657.4	52.599581	39.494936
3134	417744.22	1318668.62	52.599597	39.495102
3135	417745.44	1318681.98	52.599606	39.495299
3136	417747.65	1318690.83	52.599625	39.49543

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3138	417763.95	1318710.79	52.599769	39.495728
3139	417768.97	1318719.87	52.599813	39.495863
3140	417769.92	1318733.26	52.59982	39.496061
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3145	417740.01	1318735.39	52.599551	39.496086
3146	417737.33	1318723.94	52.599528	39.495916
3147	417733.63	1318717.78	52.599496	39.495825
3148	417728.68	1318712.33	52.599452	39.495743
3149	417724.52	1318710.62	52.599415	39.495717
3150	417717.4	1318713	52.599351	39.495751
3151	417714.01	1318715.06	52.59932	39.495781
3152	417710.54	1318716.13	52.599289	39.495796
3153	417710.81	1318716.99	52.599291	39.495808
3154	417714.38	1318715.88	52.599323	39.495793
3155	417717.78	1318713.82	52.599354	39.495763
3156	417724.49	1318711.58	52.599414	39.495731
3157	417728.15	1318713.09	52.599447	39.495754
3158	417732.9	1318718.32	52.599489	39.495833
3159	417736.48	1318724.28	52.599521	39.495921
3160	417739.14	1318735.63	52.599543	39.496089
3161	417742.84	1318746.73	52.599575	39.496254
3162	417751.12	1318751.5	52.599649	39.496326
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3165	417770.84	1318733.4	52.599828	39.496063
3166	417769.85	1318719.61	52.599821	39.495859
3167	417764.69	1318710.26	52.599776	39.49572
3168	417756.66	1318701.27	52.599705	39.495586
3169	417748.48	1318690.44	52.599633	39.495424
3170	417746.33	1318681.83	52.599614	39.495297
3171	417745.11	1318668.5	52.599605	39.4951
3172	417743.18	1318657.4	52.599589	39.494936
3173	417745.34	1318645.64	52.59961	39.494763
3174	417749.43	1318635.79	52.599648	39.494618
3175	417754.26	1318628.67	52.599692	39.494514
3176	417760.03	1318620.49	52.599745	39.494395
3177	417766.3	1318616.15	52.599802	39.494332
3178	417770.8	1318611.78	52.599843	39.494268
3179	417777.21	1318606.82	52.599901	39.494196
3180	417784.76	1318600.81	52.59997	39.494109
3181	417791	1318593.38	52.600027	39.494001
3182	417796.88	1318583.35	52.600081	39.493854

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3184	417801.64	1318569.74	52.600126	39.493654
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3186	417811.36	1318568.28	52.600213	39.493635
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3188	417824.01	1318574.65	52.600326	39.493731
3189	417830.49	1318574.4	52.600384	39.493729
3190	417839.11	1318571.7	52.600462	39.493691
3191	417844.47	1318568.04	52.600511	39.493638
3192	417851.08	1318564.97	52.60057	39.493594
3193	417855.9	1318566.12	52.600613	39.493612
3194	417859.6	1318569.82	52.600646	39.493667
3195	417861.02	1318576.22	52.600658	39.493762
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3197	417865.43	1318590.66	52.600696	39.493976
3198	417873.73	1318603.6	52.600769	39.494169
3199	417878.71	1318608.39	52.600813	39.494241
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3201	417887.89	1318611.64	52.600895	39.49429
3202	417893.57	1318612.01	52.600946	39.494297
3203	417899.6	1318611.02	52.601	39.494284
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3205	417911.95	1318606.55	52.601112	39.49422
3206	417917.32	1318606.55	52.60116	39.494221
3207	417920.4	1318608.38	52.601188	39.494249
3208	417923.1	1318612.17	52.601211	39.494306
3209	417928.59	1318614.22	52.601261	39.494337
3210	417932.97	1318612.67	52.6013	39.494315
3211	417936.8	1318608.85	52.601335	39.494259
3212	417938.45	1318607.26	52.60135	39.494236
3213	417939.87	1318609.01	52.601363	39.494262
3214	417944.55	1318608.11	52.601405	39.49425
3215	417947.39	1318605.37	52.601431	39.49421
3216	417954.91	1318593.97	52.6015	39.494044
3217	417968.74	1318581.11	52.601625	39.493857
3218	417979.89	1318572.38	52.601727	39.49373
3219	417984.26	1318568.74	52.601766	39.493677
3220	417983.05	1318559.77	52.601757	39.493545
3221	417983.78	1318552.25	52.601764	39.493434
3222	417990.33	1318543.27	52.601824	39.493303
3223	418000.03	1318539.15	52.601912	39.493244
3224	418009.73	1318539.88	52.601999	39.493257
3225	418014.58	1318541.57	52.602042	39.493283
3226	418023.07	1318550.79	52.602117	39.49342
3227	418030.35	1318565.35	52.602181	39.493637
3228	418041.02	1318577.23	52.602275	39.493814

3229	418051.7	1318584.02	52.602371	39.493917
3230	418063.58	1318587.42	52.602477	39.493969
3231	418074.62	1318586.94	52.602576	39.493965
3232	418086.02	1318589.6	52.602678	39.494006
3233	418096.69	1318592.51	52.602774	39.494051
3234	418111.01	1318593.48	52.602902	39.494069
3235	418122.14	1318591.81	52.603002	39.494046
3236	418128.66	1318591.71	52.603061	39.494046
3237	418136.61	1318592.8	52.603132	39.494064
3238	418143.72	1318596.74	52.603196	39.494123
3239	418151.2	1318600.08	52.603262	39.494174
3240	418160.15	1318601.45	52.603343	39.494196
3241	418167.07	1318600.06	52.603405	39.494177
3242	418173.08	1318596.39	52.60346	39.494124
3243	418181.27	1318586.95	52.603534	39.493987
3244	418185.98	1318575.05	52.603578	39.493812
3245	418187.94	1318555.23	52.603598	39.49352
3246	418187.7	1318536.12	52.603598	39.493238
3247	418190.3	1318524.32	52.603623	39.493064
3248	418198.69	1318515.23	52.6037	39.492932
3249	418207.27	1318512.91	52.603777	39.492899
3250	418220.6	1318513.86	52.603897	39.492916
3251	418231.86	1318517.45	52.603998	39.492972
3252	418244.87	1318522.95	52.604114	39.493055
3253	418253.46	1318523.69	52.604191	39.493068
3254	418261.11	1318525.12	52.604259	39.493091
3255	418268.65	1318527.79	52.604327	39.493132
3256	418277.79	1318529.96	52.604409	39.493166
3257	418288.32	1318534.74	52.604503	39.493238
3258	418300.37	1318542.7	52.60461	39.493358
3259	418311.09	1318550.58	52.604705	39.493477
3260	418319.29	1318551.72	52.604779	39.493495
3261	418325.95	1318551.22	52.604839	39.493489
3262	418332.28	1318550.51	52.604896	39.49348
3263	418337.46	1318551.2	52.604942	39.493491
3264	418343.9	1318554.79	52.605	39.493546
3265	418350.9	1318563.54	52.605061	39.493676
3266	418365.13	1318561.51	52.60519	39.493649
3267	418375.79	1318556.05	52.605286	39.493571
3268	418386.24	1318547.09	52.605381	39.493441
3269	418391.21	1318532.44	52.605428	39.493226
3270	418392.44	1318516.16	52.605441	39.492986
3271	418389	1318504.37	52.605411	39.492811
3272	418384.19	1318487.04	52.60537	39.492554
3273	418384.66	1318470.33	52.605376	39.492308
3274	418388.46	1318459.64	52.605412	39.492151

3275	418393.96	1318451.04	52.605462	39.492025
3276	418400.48	1318443.08	52.605522	39.491909
3277	418399.1	1318441.95	52.60551	39.491892
3278	418392.52	1318450	52.60545	39.492009
3279	418386.86	1318458.86	52.605398	39.492139
3280	418382.89	1318470	52.605361	39.492302
3281	418382.4	1318487.26	52.605354	39.492557
3282	418387.29	1318504.86	52.605396	39.492818
3283	418390.64	1318516.35	52.605424	39.492988
3284	418389.45	1318532.09	52.605412	39.49322
3285	418384.71	1318546.06	52.605367	39.493425
3286	418374.79	1318554.57	52.605277	39.493549
3287	418364.58	1318559.79	52.605185	39.493624
3288	418351.65	1318561.63	52.605068	39.493648
3289	418345.07	1318553.4	52.60501	39.493526
3290	418338.04	1318549.48	52.604948	39.493466
3291	418332.3	1318548.71	52.604896	39.493454
3292	418325.78	1318549.45	52.604837	39.493463
3293	418319.34	1318549.93	52.60478	39.493469
3294	418311.78	1318548.88	52.604712	39.493452
3295	418301.39	1318541.24	52.604619	39.493337
3296	418289.18	1318533.18	52.604511	39.493216
3297	418278.37	1318528.27	52.604414	39.493141
3298	418270.77	1318526.47	52.604346	39.493113
3299	418273.97	1318523.73	52.604375	39.493073
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3301	418287.86	1318506.35	52.604502	39.492819
3302	418289.34	1318493.45	52.604517	39.492629
3303	418287.67	1318480.03	52.604504	39.492431
3304	418290.54	1318474.51	52.60453	39.49235
3305	418302.18	1318469.9	52.604635	39.492284
3306	418309.58	1318466.94	52.604702	39.492242
3307	418315.86	1318461.91	52.604759	39.492169
3308	418321.82	1318452.49	52.604814	39.492031
3309	418325.94	1318440.84	52.604853	39.49186
3310	418331.37	1318432.11	52.604902	39.491733
3311	418337.47	1318428.12	52.604958	39.491675
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3313	418359.04	1318417.95	52.605153	39.491529
3314	418368.06	1318411.86	52.605235	39.491441
3315	418381.28	1318404.4	52.605354	39.491334
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3316	418935.36	1317569.25	52.610437	39.479121
3317	418921.05	1317607.58	52.610304	39.479684
3318	418925.07	1317608.99	52.61034	39.479706
3319	418939.48	1317569.74	52.610474	39.47913

3320	418941.3	1317561.85	52.610491	39.479013
3321	418947.74	1317549	52.610551	39.478825
3322	418955.13	1317538.74	52.610618	39.478675
3323	418960.5	1317534.77	52.610667	39.478618
3324	418968.73	1317530.53	52.610742	39.478557
3325	418972.86	1317522.79	52.61078	39.478443
3326	418974.74	1317511.72	52.610798	39.47828
3327	418979.62	1317508.84	52.610842	39.478239
3328	418986.68	1317505.06	52.610906	39.478184
3329	418992.97	1317493.73	52.610964	39.478018
3330	418994.87	1317485.68	52.610982	39.4779
3331	419002.4	1317479.29	52.611051	39.477807
3332	419008.51	1317477.83	52.611106	39.477787
3333	419015.38	1317470.95	52.611168	39.477687
3334	419021.88	1317459.4	52.611228	39.477518
3335	419030.03	1317453.81	52.611302	39.477437
3336	419039.86	1317450.62	52.611391	39.477392
3337	419053.89	1317435.22	52.611519	39.477167
3338	419057.03	1317427.44	52.611548	39.477053
3339	419059.01	1317419.41	52.611567	39.476935
3340	419059.87	1317410.89	52.611575	39.476809
3341	419059.63	1317402.35	52.611574	39.476683
3342	419059.63	1317387.21	52.611576	39.47646
3343	419059.87	1317374.06	52.61158	39.476266
3344	419058.39	1317359.03	52.611569	39.476044
3345	419053.62	1317347.58	52.611527	39.475874
3346	419055.16	1317341.62	52.611542	39.475786
3347	419061.44	1317333.96	52.611599	39.475674
3348	419072.51	1317327.45	52.611699	39.47558
3349	419082.17	1317318.97	52.611787	39.475457
3350	419089.22	1317310.91	52.611851	39.47534
3351	419090.73	1317301.57	52.611866	39.475202
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3357	419092.01	1317257.43	52.611883	39.474551
3358	419094.88	1317251.69	52.61191	39.474467
3359	419094.07	1317243.25	52.611903	39.474342
3360	419088.81	1317240.62	52.611856	39.474302
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3362	419081.06	1317226.49	52.611789	39.474092
3363	419085.35	1317218.8	52.611828	39.473979
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3365	419104.51	1317208.4	52.612002	39.47383

3366	419109.08	1317199.97	52.612044	39.473706
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3368	419123.02	1317198.79	52.612169	39.473691
3369	419130.87	1317190.94	52.612241	39.473577
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3373	419168.04	1317157.42	52.612579	39.47309
3374	419171.3	1317150.65	52.612609	39.472991
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3376	419181.07	1317122.31	52.6127	39.472574
3377	419183.27	1317108.62	52.612721	39.472373
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3379	419181.76	1317082.42	52.612711	39.471986
3380	419179.17	1317075.59	52.612689	39.471884
3381	419180.1	1317065.82	52.612698	39.47174
3382	419183.09	1317058.68	52.612726	39.471635
3383	419189.42	1317053.06	52.612784	39.471554
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3386	419226.74	1317031.47	52.613122	39.471243
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3389	419261.33	1317036.8	52.613432	39.471328
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3391	419291.91	1317038.52	52.613706	39.47136
3392	419311.45	1317034.17	52.613882	39.4713
3393	419320.11	1317031.45	52.613961	39.471261
3394	419328.18	1317026.65	52.614034	39.471192
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3405	419418.8	1317019.09	52.614849	39.471099
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3410	419469.18	1316978.2	52.615306	39.470505
3411	419481.05	1316972.86	52.615414	39.470429

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3415	419531.68	1316963	52.61587	39.470294
3416	419545.06	1316962.51	52.61599	39.470289
3417	419562.76	1316947.68	52.616151	39.470074
3418	419571.08	1316930.05	52.616228	39.469815
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3421	419602.6	1316912.61	52.616513	39.469564
3422	419614.54	1316923.6	52.616619	39.469729
3423	419630.46	1316934.54	52.616761	39.469893
3424	419652.85	1316932.55	52.616962	39.469869
3425	419667.35	1316926.55	52.617093	39.469783
3426	419678.22	1316912.22	52.617193	39.469574
3427	419688.43	1316897.15	52.617286	39.469353
3428	419696.26	1316885.4	52.617358	39.469181
3429	419706.04	1316860.47	52.617449	39.468815
3430	419710.39	1316841.14	52.617491	39.468531
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3432	419728.04	1316816.82	52.617652	39.468175
3433	419741.46	1316805.79	52.617774	39.468015
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3436	419783.59	1316777.73	52.618156	39.467609
3437	419788.6	1316762.69	52.618203	39.467388
3438	419786.14	1316751.86	52.618182	39.467228
3439	419786.61	1316740.11	52.618188	39.467055
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3442	419833.02	1316713.69	52.618608	39.466674
3443	419851.94	1316701.74	52.61878	39.466501
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3445	419858.42	1316658.66	52.618843	39.465867
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3447	419897.23	1316615.82	52.619197	39.465242
3448	419913.85	1316603.78	52.619348	39.465068
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3450	419952.73	1316594.62	52.619698	39.46494
3451	419969.82	1316586.45	52.619853	39.464823
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3481	420151.71	1316108.26	52.621545	39.4578
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3491	420162.41	1316022.18	52.621652	39.456531
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3494	420176.17	1315972.68	52.621782	39.455803
3495	420185.73	1315960.02	52.621869	39.455618
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3501	420230.73	1315911.33	52.622279	39.454908
3502	420241.91	1315893.62	52.622382	39.454649
3503	420246.95	1315885.22	52.622428	39.454526

3504	420255.67	1315876.5	52.622508	39.454399
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3509	420302.02	1315824.1	52.62293	39.453634
3510	420307.95	1315812.24	52.622985	39.45346
3511	420311.13	1315804.17	52.623015	39.453342
3512	420316.04	1315789.45	52.62306	39.453125
3513	420316.53	1315771.98	52.623067	39.452867
3514	420315.27	1315758.72	52.623057	39.452671
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3517	420311.76	1315721.24	52.62303	39.452117
3518	420318.4	1315719.08	52.62309	39.452087
3519	420316.92	1315712.54	52.623078	39.45199
3520	420315.43	1315710.77	52.623065	39.451963
3521	420316.45	1315709.84	52.623074	39.45195
3522	420315.11	1315708.08	52.623062	39.451924
3523	420314	1315709.09	52.623052	39.451938
3524	420313.27	1315708.22	52.623045	39.451925
3525	420304.61	1315708.29	52.622968	39.451925
3526	420303.45	1315710.23	52.622957	39.451953
3527	420302.12	1315721.94	52.622944	39.452126
3528	420306.06	1315747.41	52.622976	39.452503
3529	420309.02	1315759.81	52.623001	39.452686
3530	420313.05	1315772.42	52.623036	39.452873
3531	420314.07	1315789.11	52.623043	39.45312
3532	420309.27	1315803.5	52.622998	39.453331
3533	420306.15	1315811.44	52.622969	39.453448
3534	420300.43	1315822.87	52.622916	39.453616
3535	420287.74	1315834.13	52.622801	39.453779
3536	420273.64	1315845.31	52.622673	39.453942
3537	420266.69	1315852.26	52.622609	39.454043
3538	420261.06	1315864.25	52.622557	39.454219
3539	420254.12	1315875.26	52.622494	39.45438
3540	420245.38	1315884	52.622414	39.454507
3541	420240.23	1315892.59	52.622367	39.454633
3542	420228.97	1315910.41	52.622264	39.454894
3543	420223.37	1315923.8	52.622212	39.45509
3544	420217.89	1315934.52	52.622161	39.455248
3545	420210.88	1315941.07	52.622097	39.455343
3546	420202.53	1315944.41	52.622022	39.455391
3547	420193.6	1315948.63	52.621941	39.455451
3548	420184.22	1315958.75	52.621856	39.455599
3549	420174.37	1315971.8	52.621766	39.455789

3550	420168.49	1315993.34	52.62171	39.456106
3551	420164.86	1316007.87	52.621676	39.45632
3552	420160.48	1316021.76	52.621635	39.456524
3553	420158.99	1316033.65	52.62162	39.456699
3554	420161.24	1316045.17	52.621639	39.45687
3555	420166.95	1316053.11	52.621689	39.456988
3556	420173.7	1316062.3	52.621749	39.457125
3557	420178.83	1316068.59	52.621794	39.457219
3558	420178.83	1316078.07	52.621793	39.457359
3559	420177	1316085.6	52.621775	39.45747
3560	420164.93	1316094.36	52.621666	39.457597
3561	420153.97	1316102.16	52.621566	39.45771
3562	420147.14	1316108.5	52.621504	39.457802
3563	420141.64	1316113.16	52.621454	39.45787
3564	420136.52	1316119.54	52.621408	39.457963
3565	420131.24	1316127.88	52.621359	39.458085
3566	420118.63	1316145.83	52.621244	39.458348
3567	420110.38	1316168.15	52.621167	39.458676
3568	420105.53	1316178.34	52.621122	39.458825
3569	420101.65	1316188.53	52.621086	39.458975
3570	420099.22	1316220.06	52.62106	39.45944
3571	420093.4	1316228.31	52.621007	39.45956
3572	420087.58	1316223.94	52.620955	39.459495
3573	420082.24	1316221.52	52.620907	39.459458
3574	420074.97	1316223.46	52.620842	39.459485
3575	420066.23	1316232.67	52.620762	39.459619
3576	420062.35	1316253.54	52.620725	39.459927
3577	420053.62	1316283.13	52.620643	39.460362
3578	420045.37	1316294.77	52.620567	39.460532
3579	420043.92	1316315.15	52.620552	39.460832
3580	420041.01	1316329.7	52.620524	39.461047
3581	420027.42	1316352.51	52.620399	39.461381
3582	420015.78	1316374.34	52.620292	39.461701
3583	420008.5	1316392.29	52.620224	39.461964
3584	420013.84	1316400.05	52.620271	39.46208
3585	420016.75	1316419.46	52.620295	39.462367
3586	420011.41	1316427.7	52.620246	39.462488
3587	420000.25	1316435.47	52.620145	39.4626
3588	420001.22	1316446.14	52.620152	39.462758
3589	419993.46	1316458.75	52.620081	39.462942
3590	419978.91	1316481.07	52.619947	39.463269
3591	419982.3	1316494.17	52.619976	39.463463
3592	419991.04	1316501.93	52.620054	39.463579
3593	420005.9	1316510.39	52.620186	39.463707
3594	420001.33	1316529.17	52.620143	39.463984
3595	419989.99	1316554.75	52.620038	39.464359

3596	419981.82	1316569.64	52.619963	39.464577
3597	419968.47	1316584.66	52.619841	39.464796
3598	419952.08	1316592.5	52.619693	39.464909
3599	419933.24	1316595.4	52.619523	39.464948
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3601	419896	1316614	52.619186	39.465215
3602	419878.12	1316625.26	52.619024	39.465377
3603	419856.22	1316657.99	52.618823	39.465856
3604	419856.22	1316680.48	52.618821	39.466188
3605	419850.08	1316700.31	52.618763	39.46648
3606	419832.13	1316711.65	52.6186	39.466644
3607	419808.46	1316717.93	52.618387	39.466732
3608	419792	1316724.41	52.618238	39.466824
3609	419784.43	1316739.55	52.618168	39.467046
3610	419783.93	1316752.06	52.618162	39.46723
3611	419786.32	1316762.58	52.618182	39.467386
3612	419781.63	1316776.65	52.618139	39.467593
3613	419771.22	1316789.42	52.618043	39.467779
3614	419756.43	1316797.05	52.61791	39.467889
3615	419740.31	1316803.89	52.617764	39.467987
3616	419726.56	1316815.19	52.617639	39.468151
3617	419717.2	1316824.55	52.617554	39.468287
3618	419708.31	1316840.35	52.617472	39.468519
3619	419703.93	1316859.83	52.61743	39.468805
3620	419694.3	1316884.38	52.617341	39.469166
3621	419686.6	1316895.92	52.61727	39.469335
3622	419676.43	1316910.93	52.617177	39.469554
3623	419665.96	1316924.74	52.617081	39.469756
3624	419652.32	1316930.39	52.616958	39.469837
3625	419631.05	1316932.28	52.616767	39.46986
3626	419615.92	1316921.87	52.616632	39.469703
3627	419603.6	1316910.54	52.616523	39.469534
3628	419590.38	1316908.5	52.616404	39.469501
3629	419579.07	1316912.61	52.616302	39.469559
3630	419569.14	1316929	52.616211	39.469799
3631	419560.97	1316946.3	52.616135	39.470053
3632	419544.22	1316960.34	52.615983	39.470257
3633	419531.41	1316960.81	52.615868	39.470261
3634	419517.4	1316963.71	52.615742	39.470301
3635	419503.89	1316962.86	52.61562	39.470286
3636	419488.23	1316967.3	52.615479	39.470348
3637	419480.16	1316970.85	52.615406	39.470399
3638	419467.77	1316976.42	52.615294	39.470479
3639	419458.67	1316988.47	52.615211	39.470655
3640	419449.82	1316997.32	52.61513	39.470784
3641	419437.43	1317005.5	52.615018	39.470902

3642	419428.73	1317011.06	52.614939	39.470982
3643	419417.97	1317017.04	52.614842	39.471068
3644	419407.21	1317019.9	52.614745	39.471108
3645	419400.32	1317021.33	52.614682	39.471128
3646	419391.81	1317021.33	52.614606	39.471126
3647	419382.91	1317019.46	52.614526	39.471097
3648	419373.43	1317013.3	52.614442	39.471004
3649	419366.31	1317007.41	52.614379	39.470916
3650	419358.22	1317004.12	52.614306	39.470866
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3652	419337.32	1317008.73	52.614118	39.470929
3653	419331.35	1317018.43	52.614063	39.471071
3654	419326.66	1317025	52.61402	39.471167
3655	419319.2	1317029.42	52.613953	39.471231
3656	419310.88	1317032.04	52.613877	39.471268
3657	419291.73	1317036.3	52.613705	39.471327
3658	419276.84	1317035.58	52.613571	39.471313
3659	419261.67	1317034.62	52.613435	39.471296
3660	419249.14	1317031.49	52.613323	39.471247
3661	419238.08	1317029.03	52.613224	39.471209
3662	419226.4	1317029.28	52.613119	39.47121
3663	419211.26	1317033.74	52.612982	39.471273
3664	419196.31	1317045.26	52.612846	39.471144
3665	419188.03	1317051.35	52.612771	39.471528
3666	419181.26	1317057.37	52.61271	39.471616
3667	419177.94	1317065.28	52.612679	39.471732
3668	419176.93	1317075.89	52.612669	39.471888
3669	419179.68	1317083.12	52.612692	39.471996
3670	419182.52	1317092.59	52.612717	39.472136
3671	419181.08	1317108.35	52.612702	39.472368
3672	419178.92	1317121.82	52.612681	39.472567
3673	419174.59	1317136.5	52.61264	39.472782
3674	419169.28	1317149.76	52.612591	39.472977
3675	419166.24	1317156.09	52.612563	39.47307
3676	419157.89	1317163.73	52.612487	39.473181
3677	419144.59	1317170.74	52.612366	39.473282
3678	419131.87	1317180.47	52.612251	39.473423
3679	419128.93	1317189.76	52.612223	39.473559
3680	419122.23	1317196.47	52.612162	39.473657
3681	419114.73	1317195.53	52.612095	39.473642
3682	419107.54	1317198.2	52.61203	39.47368
3683	419102.9	1317206.75	52.611987	39.473805
3684	419094.45	1317210.97	52.611911	39.473865
3685	419083.73	1317217.21	52.611814	39.473955
3686	419078.81	1317226.01	52.611768	39.474084
3687	419079.6	1317235.27	52.611774	39.474221

3688	419087.55	1317242.45	52.611845	39.474329
3689	419092	1317244.67	52.611885	39.474362
3690	419092.63	1317251.27	52.611889	39.47446
3691	419089.68	1317257.17	52.611862	39.474546
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3695	419094.56	1317285.75	52.611903	39.474969
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3697	419088.54	1317301.33	52.611847	39.475198
3698	419087.14	1317309.94	52.611833	39.475325
3699	419080.61	1317317.41	52.611773	39.475434
3700	419071.22	1317325.66	52.611688	39.475554
3701	419059.98	1317332.26	52.611586	39.475649
3702	419053.15	1317340.6	52.611524	39.47577
3703	419051.3	1317347.74	52.611506	39.475875
3704	419056.23	1317359.58	52.611549	39.476051
3705	419057.67	1317374.14	52.61156	39.476266
3706	419057.43	1317387.19	52.611556	39.476459
3707	419057.43	1317402.38	52.611555	39.476683
3708	419057.67	1317410.81	52.611556	39.476808
3709	419056.83	1317419.03	52.611547	39.476929
3710	419054.93	1317426.76	52.611529	39.477043
3711	419052	1317434.03	52.611502	39.477149
3712	419038.62	1317448.71	52.61138	39.477363
3713	419029.05	1317451.82	52.611293	39.477407
3714	419020.21	1317457.88	52.611213	39.477495
3715	419013.61	1317469.61	52.611152	39.477667
3716	419007.39	1317475.83	52.611096	39.477757
3717	419001.37	1317477.28	52.611042	39.477777
3718	418992.89	1317484.47	52.610964	39.477882
3719	418990.9	1317492.92	52.610946	39.478006
3720	418985.07	1317503.42	52.610892	39.47816
3721	418978.54	1317506.92	52.610833	39.47821
3722	418972.75	1317510.35	52.61078	39.47826
3723	418970.75	1317522.07	52.610761	39.478432
3724	418967.12	1317528.89	52.610727	39.478532
3725	418959.34	1317532.9	52.610657	39.47859
3726	418953.55	1317537.18	52.610604	39.478652
3727	418945.9	1317547.78	52.610534	39.478807
3728	418941.47	1317555.16	52.610494	39.478915
3316	418935.36	1317569.25	52.610437	39.479121
3729	417285.67	1319993.25	52.595309	39.514551
3730	417286.7	1319989.58	52.595318	39.514498
3731	417296.03	1319994.39	52.595401	39.51457
3732	417302.51	1319992.86	52.59546	39.514549

3733	417309.14	1320003.01	52.595518	39.5147
3734	417313.65	1320016.32	52.595557	39.514898
3735	417315.1	1320029.56	52.595568	39.515093
3736	417314.98	1320042.33	52.595566	39.515282
3737	417300.29	1320030.52	52.595435	39.515104
3738	417291.13	1320021.75	52.595354	39.514973
3739	417287.45	1320012.51	52.595322	39.514836
3740	417285.44	1320003.02	52.595305	39.514696
3729	417285.67	1319993.25	52.595309	39.514551
3741	417361.8	1320066.28	52.595983	39.515645
3742	417348.96	1320067.36	52.595868	39.515658
3743	417331.8	1320059.79	52.595714	39.515543
3744	417319.05	1320046.24	52.595602	39.51534
3745	417338.88	1320047.56	52.59578	39.515364
3746	417342.62	1320045.31	52.595814	39.515332
3747	417345.65	1320035.67	52.595842	39.51519
3748	417358.45	1320029.02	52.595958	39.515095
3749	417388.39	1320035.62	52.596226	39.515198
3750	417393.19	1320052.43	52.596267	39.515447
3751	417414.48	1320065.58	52.596457	39.515646
3752	417417.97	1320070.47	52.596487	39.515719
3753	417434.73	1320079.48	52.596637	39.515855
3754	417437.17	1320087.62	52.596658	39.515976
3755	417421.27	1320082.67	52.596515	39.5159
3756	417397.1	1320075.24	52.596299	39.515785
3757	417376.76	1320066.95	52.596117	39.515658
3741	417361.8	1320066.28	52.595983	39.515645
3758	418711.03	1323553.18	52.607646	39.567393
3759	418714.18	1323546.62	52.607675	39.567297
3760	418719.32	1323540.82	52.607722	39.567213
3761	418722	1323539.62	52.607747	39.567195
3762	418728.19	1323554.06	52.6078	39.56741
3763	418733.95	1323573.93	52.607849	39.567704
3764	418736.82	1323590.77	52.607873	39.567954
3765	418738.76	1323608.84	52.607888	39.568221
3766	418739.22	1323623.85	52.60789	39.568442
3767	418738.46	1323633.93	52.607882	39.568591
3768	418734.31	1323631.2	52.607845	39.56855
3769	418727.88	1323624.63	52.607788	39.568451
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3771	418713.29	1323576.86	52.607663	39.567743
3772	418710.53	1323567.25	52.60764	39.567601
3758	418711.03	1323553.18	52.607646	39.567393