

Приложение № 1
к соглашению об установлении
координатного описания границы
между субъектами Российской
Федерации – Тамбовской и
Рязанской областями
от «24» *сентября* 2019 года

**Координатное описание границы между субъектами
Российской Федерации – Тамбовской и Рязанской областями**

№ характерной точки границы	Координаты			
	МСК-68, зона 1		МСК-62, зона 2	
	х	у	х	у
1	497385.41	1162568.73	297385.41	2162568.73
2	496998.54	1162603.26	296998.54	2162603.26
3	497030.16	1163219.47	297030.16	2163219.47
4	497041.71	1163445.68	297041.71	2163445.68
5	497064.34	1164017.17	297064.34	2164017.17
6	497083.00	1164503.68	297083.00	2164503.68
7	497083.06	1164579.93	297083.06	2164579.93
8	497092.33	1164771.33	297092.33	2164771.33
9	497092.94	1164785.61	297092.94	2164785.61
10	497102.34	1165004.62	297102.34	2165004.62
11	497108.30	1165102.19	297108.30	2165102.19
12	497124.73	1165377.56	297124.73	2165377.56
13	497120.93	1165434.43	297120.93	2165434.43
14	497118.04	1165470.74	297118.04	2165470.74
15	497203.52	1165503.25	297203.52	2165503.25
16	497899.00	1165754.14	297899.00	2165754.14
17	498025.35	1165803.18	298025.35	2165803.18
18	498057.42	1165815.28	298057.42	2165815.28
19	498107.72	1165832.40	298107.72	2165832.40
20	498250.33	1165887.12	298250.33	2165887.12
21	498629.78	1166032.70	298629.78	2166032.70
22	499037.63	1166184.72	299037.63	2166184.72
23	499535.06	1166393.24	299535.06	2166393.24
24	499621.31	1166432.28	299621.31	2166432.28
25	500042.71	1166611.83	300042.71	2166611.83

26	500059.91	1166619.16	300059.91	2166619.16
27	500501.01	1166821.19	300501.01	2166821.19
28	500536.67	1166826.51	300536.67	2166826.51
29	500568.24	1166828.15	300568.24	2166828.15
30	500572.26	1166828.37	300572.26	2166828.37
31	501016.84	1166851.82	301016.84	2166851.82
32	501020.92	1166852.03	301020.92	2166852.03
33	501483.89	1166876.46	301483.89	2166876.46
34	501799.28	1166884.80	301799.28	2166884.80
35	501726.18	1167429.12	301726.18	2167429.12
36	501642.19	1168020.92	301642.19	2168020.92
37	501627.60	1168020.01	301627.60	2168020.01
38	501159.01	1167923.02	301159.01	2167923.02
39	500708.32	1167823.74	300708.32	2167823.74
40	500532.81	1167782.25	300532.81	2167782.25
41	500437.16	1167759.56	300437.16	2167759.56
42	500431.08	1167758.12	300431.08	2167758.12
43	500389.30	1167748.24	300389.30	2167748.24
44	500316.34	1167730.97	300316.34	2167730.97
45	500210.99	1167706.08	300210.99	2167706.08
46	500090.08	1167674.88	300090.08	2167674.88
47	499920.42	1168572.05	299920.42	2168572.05
48	499910.55	1168626.51	299910.55	2168626.51
49	499902.16	1168662.69	299902.16	2168662.69
50	499896.60	1168699.69	299896.60	2168699.69
51	499886.09	1168819.11	299886.09	2168819.11
52	500173.30	1168756.13	300173.30	2168756.13
53	500209.27	1168726.55	300209.27	2168726.55
54	500234.46	1168738.69	300234.46	2168738.69
55	500485.56	1168852.58	300485.56	2168852.58
56	501182.38	1169207.68	301182.38	2169207.68
57	501297.78	1169206.98	301297.78	2169206.98
58	501398.44	1169207.43	301398.44	2169207.43
59	501703.96	1169208.81	301703.96	2169208.81

60	501809.03	1169209.19	301809.03	2169209.19
61	501952.60	1169209.71	301952.60	2169209.71
62	501973.24	1169207.09	301973.24	2169207.09
63	502033.76	1169199.41	302033.76	2169199.41
64	502062.01	1169198.59	302062.01	2169198.59
65	502084.42	1169197.81	302084.42	2169197.81
66	502137.48	1169226.00	302137.48	2169226.00
67	502167.71	1169229.36	302167.71	2169229.36
68	502492.70	1169264.86	302492.70	2169264.86
69	502986.19	1169306.44	302986.19	2169306.44
70	503553.41	1169406.63	303553.41	2169406.63
71	503901.12	1169468.04	303901.12	2169468.04
72	503915.02	1169470.51	303915.02	2169470.51
73	504284.98	1169536.63	304284.98	2169536.63
74	504364.43	1169550.83	304364.43	2169550.83
75	504406.46	1169558.96	304406.46	2169558.96
76	504432.51	1169563.6	304432.51	2169563.6
77	504434.57	1169566.63	304434.57	2169566.63
78	504448.04	1169611.57	304448.04	2169611.57
79	504463.60	1169642.21	304463.60	2169642.21
80	504484.68	1169718.85	304484.68	2169718.85
81	504486.77	1169740.74	304486.77	2169740.74
82	504612.61	1170160.52	304612.61	2170160.52
83	504694.85	1170437.24	304694.85	2170437.24
84	504736.79	1170578.34	304736.79	2170578.34
85	504757.60	1170648.35	304757.60	2170648.35
86	504817.60	1170881.47	304817.60	2170881.47
87	504850.77	1171008.46	304850.77	2171008.46
88	504967.08	1171436.42	304967.08	2171436.42
89	504467.35	1171468.43	304467.35	2171468.43
90	504152.83	1171495.50	304152.83	2171495.50
91	504049.48	1171505.17	304049.48	2171505.17
92	504048.09	1171505.28	304048.09	2171505.28
93	503471.62	1171549.35	303471.62	2171549.35

94	503412.92	1171552.21	303412.92	2171552.21
95	503391.78	1171557.92	303391.78	2171557.92
96	503379.24	1171564.31	303379.24	2171564.31
97	503154.47	1171541.25	303154.47	2171541.25
98	502798.95	1171461.77	302798.95	2171461.77
99	502792.46	1171477.41	302792.46	2171477.41
100	502615.45	1171900.29	302615.45	2171900.29
101	502498.17	1172195.18	302498.17	2172195.18
102	502449.63	1172305.95	302449.63	2172305.95
103	502422.07	1172374.39	302422.07	2172374.39
104	502393.16	1172437.23	302393.16	2172437.23
105	502338.26	1172432.08	302338.26	2172432.08
106	502336.68	1172431.94	302336.68	2172431.94
107	502312.69	1172428.95	302312.69	2172428.95
108	502282.05	1172425.13	302282.05	2172425.13
109	502247.46	1172420.82	302247.46	2172420.82
110	502207.13	1172415.80	302207.13	2172415.80
111	502156.93	1172409.55	302156.93	2172409.55
112	502067.67	1172398.43	302067.67	2172398.43
113	501957.9	1172730.94	301957.9	2172730.94
114	501807.97	1173184.74	301807.97	2173184.74
115	501794.10	1173218.97	301794.10	2173218.97
116	501769.55	1173248.50	301769.55	2173248.50
117	501767.63	1173251.50	301767.63	2173251.50
118	501766.38	1173253.43	301766.38	2173253.43
119	501713.99	1173307.16	301713.99	2173307.16
120	501648.91	1173375.91	301648.91	2173375.91
121	501621.55	1173421.63	301621.55	2173421.63
122	501578.16	1173460.34	301578.16	2173460.34
123	501497.07	1173525.42	301497.07	2173525.42
124	501447.68	1173554.12	301447.68	2173554.12
125	501416.86	1173566.27	301416.86	2173566.27
126	501409.66	1173569.1	301409.66	2173569.1
127	501390.95	1173576.48	301390.95	2173576.48

128	501351.96	1173574.96	301351.96	2173574.96
129	501332.33	1173584.5	301332.33	2173584.5
130	501317.45	1173586.87	301317.45	2173586.87
131	501298.41	1173576.75	301298.41	2173576.75
132	501226.92	1173573.81	301226.92	2173573.81
133	501180.20	1173577.48	301180.20	2173577.48
134	501154.84	1173582.15	301154.84	2173582.15
135	501108.29	1173597.67	301108.29	2173597.67
136	501063.23	1173615.35	301063.23	2173615.35
137	501021.52	1173642.22	301021.52	2173642.22
138	500919.40	1173703.29	300919.40	2173703.29
139	500840.64	1173740.33	300840.64	2173740.33
140	500795.26	1173768.36	300795.26	2173768.36
141	500771.56	1173788.39	300771.56	2173788.39
142	500762.22	1173818.42	300762.22	2173818.42
143	500757.88	1173856.48	300757.88	2173856.48
144	500758.86	1173876.12	300758.86	2173876.12
145	500765.73	1173906.71	300765.73	2173906.71
146	500762.74	1173913.51	300762.74	2173913.51
147	500764.53	1173933.74	300764.53	2173933.74
148	500762.15	1173949.22	300762.15	2173949.22
149	500770.48	1173978.39	300770.48	2173978.39
150	500760.96	1174005.76	300760.96	2174005.76
151	500765.12	1174027.78	300765.12	2174027.78
152	500750.84	1174079.56	300750.84	2174079.56
153	500721.68	1174136.09	300721.68	2174136.09
154	500732.35	1174144.13	300732.35	2174144.13
155	500689.47	1174182.18	300689.47	2174182.18
156	500644.92	1174218.22	300644.92	2174218.22
157	500623.06	1174247.08	300623.06	2174247.08
158	500605.87	1174289.13	300605.87	2174289.13
159	500594.69	1174328.01	300594.69	2174328.01
160	500590.02	1174385.41	300590.02	2174385.41
161	500590.85	1174432.97	300590.85	2174432.97

162	500613.88	1174482.19	300613.88	2174482.19
163	500621.39	1174507.72	300621.39	2174507.72
164	500621.89	1174547.77	300621.89	2174547.77
165	500621.56	1174608.84	300621.56	2174608.84
166	500625.00	1174615.96	300625.00	2174615.96
167	500633.59	1174646.73	300633.59	2174646.73
168	500644.33	1174699.60	300644.33	2174699.60
169	500645.50	1174757.43	300645.50	2174757.43
170	500649.57	1174793.73	300649.57	2174793.73
171	500646.69	1174847.30	300646.69	2174847.30
172	500641.15	1174885.35	300641.15	2174885.35
173	500634.18	1174933.25	300634.18	2174933.25
174	500626.88	1174951.82	300626.88	2174951.82
175	500634.18	1175051.89	300634.18	2175051.89
176	500628.91	1175112.67	300628.91	2175112.67
177	500592.91	1175190.75	300592.91	2175190.75
178	500543.34	1175253.25	300543.34	2175253.25
179	500543.32	1175294.31	300543.32	2175294.31
180	500527.19	1175319.57	300527.19	2175319.57
181	500521.34	1175365.97	300521.34	2175365.97
182	500523.06	1175442.60	300523.06	2175442.60
183	500477.85	1175455.72	300477.85	2175455.72
184	500438.94	1175469.92	300438.94	2175469.92
185	500412.29	1175490.81	300412.29	2175490.81
186	500407.37	1175499.48	300407.37	2175499.48
187	500423.73	1175498.66	300423.73	2175498.66
188	500425.31	1175508.91	300425.31	2175508.91
189	500388.27	1175562.51	300388.27	2175562.51
190	500359.11	1175609.80	300359.11	2175609.80
191	500315.01	1175762.71	300315.01	2175762.71
192	500300.05	1175819.46	300300.05	2175819.46
193	500275.62	1175878.58	300275.62	2175878.58
194	500268.54	1175911.68	300268.54	2175911.68
195	500271.69	1175924.29	300271.69	2175924.29

196	500282.73	1175936.11	300282.73	2175936.11
197	500345.02	1175962.11	300345.02	2175962.11
198	500422.27	1175981.02	300422.27	2175981.02
199	500441.98	1175989.69	300441.98	2175989.69
200	500475.89	1176021.99	300475.89	2176021.99
201	500547.64	1176062.97	300547.64	2176062.97
202	500597.31	1176103.16	300597.31	2176103.16
203	500626.48	1176124.43	300626.48	2176124.43
204	500666.69	1176140.19	300666.69	2176140.19
205	500739.22	1176161.46	300739.22	2176161.46
206	500801.50	1176184.31	300801.50	2176184.31
207	500844.08	1176204.00	300844.08	2176204.00
208	500896.90	1176248.92	300896.90	2176248.92
209	500923.71	1176267.83	300923.71	2176267.83
210	500945.00	1176287.53	300945.00	2176287.53
211	500977.33	1176326.94	300977.33	2176326.94
212	501003.35	1176351.37	301003.35	2176351.37
213	501039.62	1176371.85	301039.62	2176371.85
214	501071.95	1176401.01	301071.95	2176401.01
215	501128.72	1176445.14	301128.72	2176445.14
216	501212.31	1176583.05	301212.31	2176583.05
217	501216.26	1176596.45	301216.26	2176596.45
218	501241.49	1176616.15	301241.49	2176616.15
219	501282.49	1176656.34	301282.49	2176656.34
220	501288.80	1176671.32	301288.80	2176671.32
221	501290.38	1176693.38	301290.38	2176693.38
222	501280.93	1176714.67	301280.93	2176714.67
223	501297.49	1176726.49	301297.49	2176726.49
224	501301.43	1176735.94	301301.43	2176735.94
225	501304.59	1176761.16	301304.59	2176761.16
226	501338.49	1176761.95	301338.49	2176761.95
227	501342.62	1176764.32	301342.62	2176764.32
228	501344.21	1176804.51	301344.21	2176804.51
229	501393.88	1176814.75	301393.88	2176814.75

230	501458.51	1176798.19	301458.51	2176798.19
231	501493.19	1176780.06	301493.19	2176780.06
232	501500.88	1176777.69	301500.88	2176777.69
233	501574.19	1176777.67	301574.19	2176777.67
234	501594.69	1176786.34	301594.69	2176786.34
235	501605.73	1176799.74	301605.73	2176799.74
236	501675.88	1176753.22	301675.88	2176753.22
237	501685.34	1176753.22	301685.34	2176753.22
238	501700.51	1176739.83	301700.51	2176739.83
239	501796.69	1176772.13	301796.69	2176772.13
240	501846.36	1176799.71	301846.36	2176799.71
241	501870.81	1176826.50	301870.81	2176826.50
242	501899.98	1176843.84	301899.98	2176843.84
243	501950.43	1176843.83	301950.43	2176843.83
244	501988.26	1176820.97	301988.26	2176820.97
245	501999.30	1176824.12	301999.30	2176824.12
246	502006.41	1176875.35	302006.41	2176875.35
247	502026.12	1176898.99	302026.12	2176898.99
248	502052.14	1176906.87	302052.14	2176906.87
249	502073.42	1176904.50	302073.42	2176904.50
250	502098.64	1176882.42	302098.64	2176882.42
251	502107.31	1176883.21	302107.31	2176883.21
252	502090.77	1176936.81	302090.77	2176936.81
253	502227.17	1177014.82	302227.17	2177014.82
254	502271.32	1177034.51	302271.32	2177034.51
255	502344.64	1177074.70	302344.64	2177074.70
256	502410.06	1177024.25	302410.06	2177024.25
257	502434.49	1176986.41	302434.49	2176986.41
258	502444.05	1176981.61	302444.05	2176981.61
259	502468.49	1176991.86	302468.49	2176991.86
260	502466.02	1176998.23	302466.02	2176998.23
261	502459.72	1177021.09	302459.72	2177021.09
262	502499.14	1177025.81	302499.14	2177025.81
263	502470.78	1177110.15	302470.78	2177110.15

264	502488.13	1177121.18	302488.13	2177121.18
265	502576.42	1177140.08	302576.42	2177140.08
266	502682.85	1177152.67	302682.85	2177152.67
267	502715.17	1177162.92	302715.17	2177162.92
268	502730.15	1177178.68	302730.15	2177178.68
269	502730.16	1177204.69	302730.16	2177204.69
270	502775.88	1177214.92	302775.88	2177214.92
271	502779.82	1177200.74	302779.82	2177200.74
272	502791.64	1177191.28	302791.64	2177191.28
273	502827.12	1177194.42	302827.12	2177194.42
274	502832.63	1177188.12	302832.63	2177188.12
275	502838.14	1177166.05	302838.14	2177166.05
276	502887.81	1177159.74	302887.81	2177159.74
277	502902.78	1177161.31	302902.78	2177161.31
278	502918.55	1177173.13	302918.55	2177173.13
279	502920.92	1177191.26	302920.92	2177191.26
280	502916.20	1177206.23	302916.20	2177206.23
281	502924.87	1177212.54	302924.87	2177212.54
282	502946.15	1177209.38	302946.15	2177209.38
283	502957.19	1177191.25	302957.19	2177191.25
284	502939.05	1177156.57	302939.05	2177156.57
285	502935.10	1177135.29	302935.10	2177135.29
286	502957.16	1177103.76	302957.16	2177103.76
287	503009.97	1177082.48	303009.97	2177082.48
288	503021.80	1177083.26	303021.80	2177083.26
289	503025.74	1177091.14	303025.74	2177091.14
290	503007.62	1177131.34	303007.62	2177131.34
291	503002.90	1177166.02	303002.90	2177166.02
292	503017.09	1177182.57	303017.09	2177182.57
293	503046.26	1177189.66	303046.26	2177189.66
294	503059.66	1177182.57	303059.66	2177182.57
295	503056.50	1177162.07	303056.50	2177162.07
296	503042.31	1177121.88	303042.31	2177121.88
297	503042.30	1177095.87	303042.30	2177095.87

298	503071.46	1177082.47	303071.46	2177082.47
299	503111.67	1177092.71	303111.67	2177092.71
300	503151.87	1177100.58	303151.87	2177100.58
301	503259.87	1177095.05	303259.87	2177095.05
302	503314.25	1177058.78	303314.25	2177058.78
303	503373.38	1177071.38	303373.38	2177071.38
304	503385.14	1177088.42	303385.14	2177088.42
305	503369.69	1177146.45	303369.69	2177146.45
306	503398.38	1177199.19	303398.38	2177199.19
307	503398.38	1177220.26	303398.38	2177220.26
308	503423.61	1177232.28	303423.61	2177232.28
309	503451.04	1177237.69	303451.04	2177237.69
310	503477.45	1177228.55	303477.45	2177228.55
311	503494.03	1177228.55	303494.03	2177228.55
312	503504.34	1177247.39	303504.34	2177247.39
313	503508.19	1177258.99	303508.19	2177258.99
314	503529.35	1177257.93	303529.35	2177257.93
315	503549.98	1177266.40	303549.98	2177266.40
316	503567.97	1177282.27	303567.97	2177282.27
317	503584.37	1177314.01	303584.37	2177314.01
318	503602.36	1177335.17	303602.36	2177335.17
319	503617.70	1177344.16	303617.70	2177344.16
320	503679.51	1177363.90	303679.51	2177363.90
321	503699.70	1177377.49	303699.70	2177377.49
322	503729.32	1177410.29	303729.32	2177410.29
323	503771.64	1177432.51	303771.64	2177432.51
324	503813.20	1177466.66	303813.20	2177466.66
325	503834.07	1177474.30	303834.07	2177474.30
326	503864.75	1177492.29	303864.75	2177492.29
327	503875.33	1177501.81	303875.33	2177501.81
328	503958.92	1177535.14	303958.92	2177535.14
329	503986.43	1177538.84	303986.43	2177538.84
330	504032.98	1177555.77	304032.98	2177555.77
331	504068.2	1177573.89	304068.2	2177573.89

332	504094.66	1177578.01	304094.66	2177578.01
333	504137.20	1177573.76	304137.20	2177573.76
334	504209.15	1177581.16	304209.15	2177581.16
335	504260.99	1177580.11	304260.99	2177580.11
336	504368.92	1177593.82	304368.92	2177593.82
337	504426.65	1177604.13	304426.65	2177604.13
338	504497.46	1177645.71	304497.46	2177645.71
339	504533.88	1177683.17	304533.88	2177683.17
340	504574.70	1177777.43	304574.70	2177777.43
341	504567.29	1177801.24	304567.29	2177801.24
342	504566.53	1177814.46	304566.53	2177814.46
343	504569.62	1177822.02	304569.62	2177822.02
344	504585.73	1177833.34	304585.73	2177833.34
345	504594.27	1177839.33	304594.27	2177839.33
346	504612.79	1177862.08	304612.79	2177862.08
347	504627.07	1177891.70	304627.07	2177891.70
348	504650.88	1177925.03	304650.88	2177925.03
349	504678.92	1177950.42	304678.92	2177950.42
350	504701.25	1177963.61	304701.25	2177963.61
351	504728.74	1177974.61	304728.74	2177974.61
352	504802.64	1177983.55	304802.64	2177983.55
353	504860.67	1177995.62	304860.67	2177995.62
354	504874.12	1177993.51	304874.12	2177993.51
355	504894.76	1177965.76	304894.76	2177965.76
356	504918.57	1177963.12	304918.57	2177963.12
357	505008.15	1177995.92	305008.15	2177995.92
358	505077.27	1178030.83	305077.27	2178030.83
359	505154.51	1178091.14	305154.51	2178091.14
360	505232.38	1178148.77	305232.38	2178148.77
361	505266.99	1178181.07	305266.99	2178181.07
362	505289.17	1178196.29	305289.17	2178196.29
363	505330.18	1178211.75	305330.18	2178211.75
364	505352.89	1178223.40	305352.89	2178223.40
365	505377.23	1178229.22	305377.23	2178229.22

366	505407.91	1178229.75	305407.91	2178229.75
367	505456.99	1178219.31	305456.99	2178219.31
368	505480.39	1178221.28	305480.39	2178221.28
369	505549.78	1178234.08	305549.78	2178234.08
370	505614.74	1178239.93	305614.74	2178239.93
371	505612.11	1178285.82	305612.11	2178285.82
372	505585.18	1178387.36	305585.18	2178387.36
373	505553.22	1178474.31	305553.22	2178474.31
374	505530.65	1178514.36	305530.65	2178514.36
375	505498.37	1178558.80	305498.37	2178558.80
376	505486.21	1178582.08	305486.21	2178582.08
377	505470.87	1178627.04	305470.87	2178627.04
378	505439.12	1178667.78	305439.12	2178667.78
379	505398.39	1178739.20	305398.39	2178739.20
380	505376.92	1178791.87	305376.92	2178791.87
381	505372.45	1178844.80	305372.45	2178844.80
382	505385.69	1178914.83	305385.69	2178914.83
383	505421.67	1179016.40	305421.67	2179016.40
384	505436.48	1179085.18	305436.48	2179085.18
385	505442.3	1179139.67	305442.3	2179139.67
386	505439.65	1179235.95	305439.65	2179235.95
387	505446.18	1179318.66	305446.18	2179318.66
388	505448.47	1179346.90	305448.47	2179346.90
389	505453.15	1179480.39	305453.15	2179480.39
390	505465.83	1179537.79	305465.83	2179537.79
391	505543.25	1179726.01	305543.25	2179726.01
392	505802.53	1179675.21	305802.53	2179675.21
393	506014.46	1179632.23	306014.46	2179632.23
394	506525.09	1179566.30	306525.09	2179566.30
395	506600.47	1179556.50	306600.47	2179556.50
396	506774.34	1179533.78	306774.34	2179533.78
397	507354.68	1179445.68	307354.68	2179445.68
398	507651.45	1179440.67	307651.45	2179440.67
399	508155.22	1179432.18	308155.22	2179432.18

400	508185.31	1179431.67	308185.31	2179431.67
401	508205.65	1179431.57	308205.65	2179431.57
402	508288.49	1179431.18	308288.49	2179431.18
403	508343.37	1179430.92	308343.37	2179430.92
404	508357.56	1179430.87	308357.56	2179430.87
405	508531.25	1179430.31	308531.25	2179430.31
406	509145.25	1179434.15	309145.25	2179434.15
407	509402.56	1179378.29	309402.56	2179378.29
408	510200.54	1179204.99	310200.54	2179204.99
409	510207.27	1179203.53	310207.27	2179203.53
410	510211.17	1179202.72	310211.17	2179202.72
411	510344.82	1179173.69	310344.82	2179173.69
412	511432.97	1179017.73	311432.97	2179017.73
413	511812.79	1178965.41	311812.79	2178965.41
414	512080.46	1178928.54	312080.46	2178928.54
415	512119.85	1178926.00	312119.85	2178926.00
416	512470.98	1178902.53	312470.98	2178902.53
417	512477.54	1178902.13	312477.54	2178902.13
418	512633.66	1178891.73	312633.66	2178891.73
419	513179.29	1178857.13	313179.29	2178857.13
420	513658.10	1178817.12	313658.10	2178817.12
421	513766.76	1178704.49	313766.76	2178704.49
422	514333.43	1179258.05	314333.43	2179258.05
423	514726.88	1179642.41	314726.88	2179642.41
424	515333.41	1180104.44	315333.41	2180104.44
425	515371.30	1180095.43	315371.30	2180095.43
426	516516.61	1179823.12	316516.61	2179823.12
427	517591.52	1179691.47	317591.52	2179691.47
428	517366.67	1180302.98	317366.67	2180302.98
429	517331.33	1180401.29	317331.33	2180401.29
430	517230.29	1180684.58	317230.29	2180684.58
431	517220.43	1180712.15	317220.43	2180712.15
432	516788.51	1181342.80	316788.51	2181342.80
433	516775.01	1181362.51	316775.01	2181362.51

434	516449.54	1181837.62	316449.54	2181837.62
435	516442.54	1181848.07	316442.54	2181848.07
436	516265.51	1182112.18	316265.51	2182112.18
437	516103.47	1182353.88	316103.47	2182353.88
438	515946.41	1182355.23	315946.41	2182355.23
439	515814.89	1182352.47	315814.89	2182352.47
440	515586.32	1182356.27	315586.32	2182356.27
441	515406.45	1182357.20	315406.45	2182357.20
442	515212.99	1182359.89	315212.99	2182359.89
443	515123.57	1182354.73	315123.57	2182354.73
444	514988.88	1182357.14	314988.88	2182357.14
445	514981.36	1182357.11	314981.36	2182357.11
446	514977.15	1182357.17	314977.15	2182357.17
447	514966.13	1182357.81	314966.13	2182357.81
448	514448.50	1182576.33	314448.50	2182576.33
449	514372.25	1182607.04	314372.25	2182607.04
450	514254.07	1182751.16	314254.07	2182751.16
451	514162.86	1182857.86	314162.86	2182857.86
452	513920.70	1183155.39	313920.70	2183155.39
453	513857.45	1183136.71	313857.45	2183136.71
454	513750.38	1183108.28	313750.38	2183108.28
455	513702.54	1183091.63	313702.54	2183091.63
456	513567.75	1183049.76	313567.75	2183049.76
457	513362.56	1182987.71	313362.56	2182987.71
458	513185.11	1182931.80	313185.11	2182931.80
459	513155.58	1182922.51	313155.58	2182922.51
460	513151.14	1182921.11	313151.14	2182921.11
461	512996.57	1182872.45	312996.57	2182872.45
462	512780.47	1182801.76	312780.47	2182801.76
463	512533.09	1182719.53	312533.09	2182719.53
464	512237.13	1182626.60	312237.13	2182626.60
465	512226.35	1182627.02	312226.35	2182627.02
466	512179.66	1182650.87	312179.66	2182650.87
467	512097.99	1182703.20	312097.99	2182703.20

468	511881.85	1182846.76	311881.85	2182846.76
469	511790.40	1182905.44	311790.40	2182905.44
470	511793.09	1182913.02	311793.09	2182913.02
471	511806.33	1182939.03	311806.33	2182939.03
472	511882.43	1183152.13	311882.43	2183152.13
473	511936.16	1183309.21	311936.16	2183309.21
474	511993.33	1183471.83	311993.33	2183471.83
475	512001.52	1183492.29	312001.52	2183492.29
476	512110.88	1183788.02	312110.88	2183788.02
477	512246.04	1184174.48	312246.04	2184174.48
478	512346.87	1184463.48	312346.87	2184463.48
479	512375.35	1184546.23	312375.35	2184546.23
480	512706.72	1184729.60	312706.72	2184729.60
481	513198.40	1185003.95	313198.40	2185003.95
482	513219.31	1185060.03	313219.31	2185060.03
483	513220.62	1185063.56	313220.62	2185063.56
484	513242.00	1185121.00	313242.00	2185121.00
485	513354.14	1185422.09	313354.14	2185422.09
486	513628.92	1186160.81	313628.92	2186160.81
487	513681.29	1186300.27	313681.29	2186300.27
488	513693.23	1186326.85	313693.23	2186326.85
489	513739.51	1186452.94	313739.51	2186452.94
490	513783.89	1186583.48	313783.89	2186583.48
491	513826.10	1186714.14	313826.10	2186714.14
492	513858.25	1186820.43	313858.25	2186820.43
493	513868.04	1186852.80	313868.04	2186852.80
494	513881.89	1186894.62	313881.89	2186894.62
495	513889.99	1186919.51	313889.99	2186919.51
496	514071.86	1187467.52	314071.86	2187467.52
497	514213.98	1187929.50	314213.98	2187929.50
498	514422.36	1187809.23	314422.36	2187809.23
499	514465.74	1187787.34	314465.74	2187787.34
500	514598.30	1187761.84	314598.30	2187761.84
501	514678.29	1187749.32	314678.29	2187749.32

502	514957.33	1187690.17	314957.33	2187690.17
503	515423.58	1187589.57	315423.58	2187589.57
504	515517.94	1187686.50	315517.94	2187686.50
505	515547.23	1187716.60	315547.23	2187716.60
506	515632.54	1187959.39	315632.54	2187959.39
507	515719.20	1188088.92	315719.20	2188088.92
508	515775.36	1188172.86	315775.36	2188172.86
509	516064.37	1188233.37	316064.37	2188233.37
510	516597.68	1188304.40	316597.68	2188304.40
511	516827.68	1188456.62	316827.68	2188456.62
512	516987.80	1188477.28	316987.80	2188477.28
513	517037.40	1188483.68	317037.40	2188483.68
514	517039.48	1188492.42	317039.48	2188492.42
515	517039.34	1188529.03	317039.34	2188529.03
516	516971.93	1189098.68	316971.93	2189098.68
517	517146.88	1189793.37	317146.88	2189793.37
518	517147.66	1189796.48	317147.66	2189796.48
519	517304.46	1190418.69	317304.46	2190418.69
520	518212.62	1190910.42	318212.62	2190910.42
521	518429.48	1191144.56	318429.48	2191144.56
522	518609.75	1191340.14	318609.75	2191340.14
523	518610.36	1191340.88	318610.36	2191340.88
524	518639.83	1191372.88	318639.83	2191372.88
525	518688.39	1191434.44	318688.39	2191434.44
526	518691.81	1191439.03	318691.81	2191439.03
527	518687.33	1191447.90	318687.33	2191447.90
528	518668.64	1191452.74	318668.64	2191452.74
529	518636.27	1191453.74	318636.27	2191453.74
530	518616.92	1191449.91	318616.92	2191449.91
531	518591.05	1191436.72	318591.05	2191436.72
532	518568.53	1191436.06	318568.53	2191436.06
533	518553.85	1191442.40	318553.85	2191442.40
534	518537.99	1191461.25	318537.99	2191461.25
535	518523.81	1191498.63	318523.81	2191498.63

536	518512.39	1191520.99	318512.39	2191520.99
537	518508.68	1191544.35	318508.68	2191544.35
538	518493.14	1191574.66	318493.14	2191574.66
539	518478.84	1191594.92	318478.84	2191594.92
540	518467.15	1191611.21	318467.15	2191611.21
541	518460.22	1191620.76	318460.22	2191620.76
542	518453.97	1191637.51	318453.97	2191637.51
543	518475.15	1191714.87	318475.15	2191714.87
544	518485.08	1191741.19	318485.08	2191741.19
545	518486.88	1191790.75	318486.88	2191790.75
546	518543.53	1191837.15	318543.53	2191837.15
547	518554.22	1191851.17	318554.22	2191851.17
548	518559.48	1191864.64	318559.48	2191864.64
549	518558.01	1191913.65	318558.01	2191913.65
550	518559.46	1191921.86	318559.46	2191921.86
551	518564.94	1191945.23	318564.94	2191945.23
552	518564.44	1191955.57	318564.44	2191955.57
553	518559.43	1191967.25	318559.43	2191967.25
554	518559.27	1191994.45	318559.27	2191994.45
555	518556.43	1192020.65	318556.43	2192020.65
556	518557.48	1192052.95	318557.48	2192052.95
557	518544.73	1192106.94	318544.73	2192106.94
558	518566.75	1192170.67	318566.75	2192170.67
559	518660.61	1192240.20	318660.61	2192240.20
560	518695.37	1192262.22	318695.37	2192262.22
561	518720.86	1192353.76	318720.86	2192353.76
562	518732.45	1192400.11	318732.45	2192400.11
563	518724.34	1192424.44	318724.34	2192424.44
564	518702.32	1192461.52	318702.32	2192461.52
565	518685.60	1192496.04	318685.60	2192496.04
566	518670.08	1192528.37	318670.08	2192528.37
567	518657.11	1192552.78	318657.11	2192552.78
568	518640.65	1192573.61	318640.65	2192573.61
569	518607.44	1192600.29	318607.44	2192600.29

570	518585.66	1192609.69	318585.66	2192609.69
571	518563.42	1192613.12	318563.42	2192613.12
572	518534.44	1192612.02	318534.44	2192612.02
573	518518.72	1192610.93	318518.72	2192610.93
574	518490.94	1192609.41	318490.94	2192609.41
575	518461.57	1192612.58	318461.57	2192612.58
576	518447.14	1192623.51	318447.14	2192623.51
577	518431.87	1192647.79	318431.87	2192647.79
578	518419.36	1192676.82	318419.36	2192676.82
579	518415.02	1192713.53	318415.02	2192713.53
580	518415.18	1192758.25	318415.18	2192758.25
581	518405.84	1192777.11	318405.84	2192777.11
582	518400.83	1192799.47	318400.83	2192799.47
583	518426.20	1192852.53	318426.20	2192852.53
584	518456.87	1192927.43	318456.87	2192927.43
585	518489.10	1193047.32	318489.10	2193047.32
586	518507.77	1193193.94	318507.77	2193193.94
587	518456.59	1193267.52	318456.59	2193267.52
588	518411.2	1193337.94	318411.2	2193337.94
589	518305.74	1193489.79	318305.74	2193489.79
590	518073.14	1193821.17	318073.14	2193821.17
591	517938.82	1194010.46	317938.82	2194010.46
592	517928.57	1194024.91	317928.57	2194024.91
593	517913.31	1194046.40	317913.31	2194046.40
594	517927.92	1194101.37	317927.92	2194101.37
595	517946.68	1194137.69	317946.68	2194137.69
596	517954.53	1194164.23	317954.53	2194164.23
597	517976.43	1194269.11	317976.43	2194269.11
598	518012.56	1194280.83	318012.56	2194280.83
599	518047.26	1194281.82	318047.26	2194281.82
600	518077.31	1194286.99	318077.31	2194286.99
601	518122.87	1194295.67	318122.87	2194295.67
602	518136.92	1194302.13	318136.92	2194302.13
603	518175.09	1194301.58	318175.09	2194301.58

604	518264.32	1194342.13	318264.32	2194342.13
605	518303.71	1194332.87	318303.71	2194332.87
606	518342.34	1194314.03	318342.34	2194314.03
607	518374.57	1194327.55	318374.57	2194327.55
608	518393.42	1194335.22	318393.42	2194335.22
609	518411.45	1194346.89	318411.45	2194346.89
610	518436.48	1194354.08	318436.48	2194354.08
611	518449.83	1194362.09	318449.83	2194362.09
612	518464.68	1194381.78	318464.68	2194381.78
613	518483.53	1194395.45	318483.53	2194395.45
614	518515.88	1194413.93	318515.88	2194413.93
615	518550.25	1194413.64	318550.25	2194413.64
616	518575.98	1194398.57	318575.98	2194398.57
617	518590.37	1194381.68	318590.37	2194381.68
618	518601.59	1194371.97	318601.59	2194371.97
619	518616.31	1194370.07	318616.31	2194370.07
620	518632.44	1194370.47	318632.44	2194370.47
621	518652.01	1194373.78	318652.01	2194373.78
622	518669.58	1194383.11	318669.58	2194383.11
623	518692.94	1194401.47	318692.94	2194401.47
624	518699.46	1194411.99	318699.46	2194411.99
625	518703.63	1194426.68	318703.63	2194426.68
626	518705.97	1194445.38	318705.97	2194445.38
627	518707.31	1194482.58	318707.31	2194482.58
628	518711.98	1194504.09	318711.98	2194504.09
629	518727.16	1194533.79	318727.16	2194533.79
630	518750.61	1194586.52	318750.61	2194586.52
631	518795.13	1194643.14	318795.13	2194643.14
632	518823.09	1194666.94	318823.09	2194666.94
633	518836.92	1194683.03	318836.92	2194683.03
634	518863.27	1194702.10	318863.27	2194702.10
635	518891.73	1194705.46	318891.73	2194705.46
636	518910.92	1194703.75	318910.92	2194703.75
637	518940.3	1194687.75	318940.3	2194687.75

638	518966.93	1194658.13	318966.93	2194658.13
639	519003.24	1194638.32	319003.24	2194638.32
640	519044.14	1194642.64	319044.14	2194642.64
641	519105.55	1194611.86	319105.55	2194611.86
642	519137.58	1194595.39	319137.58	2194595.39
643	519152.37	1194583.10	319152.37	2194583.10
644	519166.12	1194568.33	319166.12	2194568.33
645	519183.97	1194552.48	319183.97	2194552.48
646	519222.86	1194529.10	319222.86	2194529.10
647	519320.46	1194475.39	319320.46	2194475.39
648	519345.32	1194455.86	319345.32	2194455.86
649	519354.99	1194439.03	319354.99	2194439.03
650	519357.16	1194415.50	319357.16	2194415.50
651	519375.14	1194394.65	319375.14	2194394.65
652	519390.51	1194387.55	319390.51	2194387.55
653	519408.56	1194383.65	319408.56	2194383.65
654	519437.31	1194377.99	319437.31	2194377.99
655	519453.74	1194361.8	319453.74	2194361.8
656	519472.88	1194331.02	319472.88	2194331.02
657	519505.69	1194309.18	319505.69	2194309.18
658	519563.92	1194291.83	319563.92	2194291.83
659	519587.95	1194289.66	319587.95	2194289.66
660	519626.49	1194252.30	319626.49	2194252.30
661	519667.69	1194199.74	319667.69	2194199.74
662	519760.15	1194076.58	319760.15	2194076.58
663	519843.60	1194090.93	319843.60	2194090.93
664	520262.13	1194174.27	320262.13	2194174.27
665	520863.56	1194449.71	320863.56	2194449.71
666	521041.61	1194542.89	321041.61	2194542.89
667	521468.58	1194766.35	321468.58	2194766.35
668	521547.51	1194810.17	321547.51	2194810.17
669	521988.65	1195045.07	321988.65	2195045.07
670	522114.42	1195172.07	322114.42	2195172.07
671	522138.65	1195200.21	322138.65	2195200.21

672	522162.83	1195228.63	322162.83	2195228.63
673	522188.30	1195262.47	322188.30	2195262.47
674	522272.47	1195424.73	322272.47	2195424.73
675	522451.42	1195785.76	322451.42	2195785.76
676	522541.80	1195969.72	322541.80	2195969.72
677	522544.16	1195972.92	322544.16	2195972.92
678	522425.67	1196192.36	322425.67	2196192.36
679	522422.14	1196198.80	322422.14	2196198.80
680	522356.40	1196315.56	322356.40	2196315.56
681	522307.45	1196404.36	322307.45	2196404.36
682	522168.33	1196658.30	322168.33	2196658.30
683	522045.01	1196881.36	322045.01	2196881.36
684	522045.90	1196882.36	322045.90	2196882.36
685	522154.38	1196958.80	322154.38	2196958.80
686	522302.42	1197067.23	322302.42	2197067.23
687	522389.81	1197131.24	322389.81	2197131.24
688	522406.01	1197136.52	322406.01	2197136.52
689	522522.03	1197219.35	322522.03	2197219.35
690	522535.22	1197230.65	322535.22	2197230.65
691	522656.51	1197318.38	322656.51	2197318.38
692	522737.12	1197375.61	322737.12	2197375.61
693	522795.24	1197416.87	322795.24	2197416.87
694	522832.05	1197443.01	322832.05	2197443.01
695	522960.87	1197536.76	322960.87	2197536.76
696	523046.38	1197597.38	323046.38	2197597.38
697	523167.30	1197681.72	323167.30	2197681.72
698	523228.32	1197725.40	323228.32	2197725.40
699	523301.78	1197775.48	323301.78	2197775.48
700	523391.05	1197837.23	323391.05	2197837.23
701	523477.5	1197898.12	323477.5	2197898.12
702	523532.82	1197935.13	323532.82	2197935.13
703	523581.47	1197969.55	323581.47	2197969.55
704	523628.18	1197999.46	323628.18	2197999.46
705	523664.12	1198023.12	323664.12	2198023.12

706	523720.13	1198061.70	323720.13	2198061.70
707	523785.15	1198108.38	323785.15	2198108.38
708	523788.92	1198111.11	323788.92	2198111.11
709	523999.93	1198259.41	323999.93	2198259.41
710	523999.68	1198272.45	323999.68	2198272.45
711	524035.33	1198806.95	324035.33	2198806.95
712	524039.29	1199079.72	324039.29	2199079.72
713	523987.79	1199455.89	323987.79	2199455.89
714	523982.51	1199493.51	323982.51	2199493.51
715	523982.51	1199511.24	323982.51	2199511.24
716	523977.19	1199551.86	323977.19	2199551.86
717	523975.44	1199560.52	323975.44	2199560.52
718	523965.66	1199621.62	323965.66	2199621.62
719	523958.05	1199690.95	323958.05	2199690.95
720	523896.42	1200252.77	323896.42	2200252.77
721	523850.50	1200539.92	323850.50	2200539.92
722	523832.33	1200644.02	323832.33	2200644.02
723	523817.89	1200721.69	323817.89	2200721.69
724	523794.89	1200821.27	323794.89	2200821.27
725	523766.02	1200985.64	323766.02	2200985.64
726	523748.96	1201086.07	323748.96	2201086.07
727	523730.75	1201186.03	323730.75	2201186.03
728	523705.59	1201351.6	323705.59	2201351.6
729	523666.66	1201592.01	323666.66	2201592.01
730	523614.13	1201921.18	323614.13	2201921.18
731	523483.80	1201896.71	323483.80	2201896.71
732	523371.54	1201877.88	323371.54	2201877.88
733	523369.55	1201889.52	323369.55	2201889.52
734	523202.60	1202761.38	323202.60	2202761.38
735	523060.38	1203475.55	323060.38	2203475.55
736	522155.96	1203104.38	322155.96	2203104.38
737	522015.39	1203036.53	322015.39	2203036.53
738	521437.26	1202953.06	321437.26	2202953.06
739	521408.40	1202952.17	321408.40	2202952.17

740	521405.74	1202957.85	321405.74	2202957.85
741	521200.63	1202944.15	321200.63	2202944.15
742	520466.31	1202895.11	320466.31	2202895.11
743	520397.40	1203312.79	320397.40	2203312.79
744	520304.49	1203876.79	320304.49	2203876.79
745	520280.33	1203968.28	320280.33	2203968.28
746	520281.47	1204017.42	320281.47	2204017.42
747	520299.41	1204068.17	320299.41	2204068.17
748	519907.08	1204986.57	319907.08	2204986.57
749	519676.61	1204960.88	319676.61	2204960.88
750	519635.33	1204957.77	319635.33	2204957.77
751	519624.85	1204959.54	319624.85	2204959.54
752	519449.95	1204934.79	319449.95	2204934.79
753	519281.44	1204926.94	319281.44	2204926.94
754	519102.13	1204919.41	319102.13	2204919.41
755	519013.99	1204917.15	319013.99	2204917.15
756	518946.81	1204913.19	318946.81	2204913.19
757	518904.02	1205002.42	318904.02	2205002.42
758	518860.21	1205088.06	318860.21	2205088.06
759	518800.03	1205207.00	318800.03	2205207.00
760	518756.89	1205294.59	318756.89	2205294.59
761	518720.85	1205364.28	318720.85	2205364.28
762	518669.69	1205306.48	318669.69	2205306.48
763	518570.25	1205202.18	318570.25	2205202.18
764	518467.04	1205091.86	318467.04	2205091.86
765	518423.34	1205044.42	318423.34	2205044.42
766	518370.60	1205068.51	318370.60	2205068.51
767	518167.57	1205153.61	318167.57	2205153.61
768	517420.89	1205475.95	317420.89	2205475.95
769	517358.07	1205503.38	317358.07	2205503.38
770	517276.67	1205538.07	317276.67	2205538.07
771	517138.55	1205597.59	317138.55	2205597.59
772	516932.95	1205686.58	316932.95	2205686.58
773	516859.16	1205718.50	316859.16	2205718.50

774	516614.42	1205825.85	316614.42	2205825.85
775	516518.26	1205868.37	316518.26	2205868.37
776	516350.44	1205942.29	316350.44	2205942.29
777	516192.74	1206007.58	316192.74	2206007.58
778	516112.51	1206040.24	316112.51	2206040.24
779	516019.41	1205922.02	316019.41	2205922.02
780	515866.08	1205729.72	315866.08	2205729.72
781	515554.55	1205977.49	315554.55	2205977.49
782	515541.44	1205987.25	315541.44	2205987.25
783	515381.35	1206106.42	315381.35	2206106.42
784	515062.63	1206351.40	315062.63	2206351.40
785	514621.83	1206676.93	314621.83	2206676.93
786	513908.36	1206829.15	313908.36	2206829.15
787	513450.24	1206923.54	313450.24	2206923.54
788	513230.83	1207117.61	313230.83	2207117.61
789	513009.39	1207313.48	313009.39	2207313.48
790	512990.71	1207332.53	312990.71	2207332.53
791	512986.97	1207335.92	312986.97	2207335.92
792	512955.07	1207360.32	312955.07	2207360.32
793	512958.15	1207401.51	312958.15	2207401.51
794	512988.46	1207468.32	312988.46	2207468.32
795	512997.01	1207488.02	312997.01	2207488.02
796	513011.29	1207514.89	313011.29	2207514.89
797	513060.15	1207608.87	313060.15	2207608.87
798	513078.81	1207659.30	313078.81	2207659.30
799	513123.68	1207721.59	313123.68	2207721.59
800	513146.19	1207752.22	313146.19	2207752.22
801	513158.17	1207783.59	313158.17	2207783.59
802	513168.26	1207840.03	313168.26	2207840.03
803	513175.44	1207881.09	313175.44	2207881.09
804	513189.70	1207920.36	313189.70	2207920.36
805	513220.08	1207963.79	313220.08	2207963.79
806	513246.80	1207994.04	313246.80	2207994.04
807	513257.75	1208026.20	313257.75	2208026.20

808	513268.78	1208056.71	313268.78	2208056.71
809	513269.21	1208067.54	313269.21	2208067.54
810	513270.00	1208087.59	313270.00	2208087.59
811	513270.70	1208107.91	313270.70	2208107.91
812	513276.20	1208137.95	313276.20	2208137.95
813	513265.27	1208166.57	313265.27	2208166.57
814	513260.27	1208179.66	313260.27	2208179.66
815	513259.11	1208206.62	313259.11	2208206.62
816	513272.44	1208233.26	313272.44	2208233.26
817	513278.52	1208257.01	313278.52	2208257.01
818	513342.07	1208280.67	313342.07	2208280.67
819	513543.39	1208262.13	313543.39	2208262.13
820	513809.87	1208237.23	313809.87	2208237.23
821	514106.02	1208211.27	314106.02	2208211.27
822	514334.89	1208193.26	314334.89	2208193.26
823	514462.57	1208182.13	314462.57	2208182.13
824	514583.36	1208276.96	314583.36	2208276.96
825	514803.22	1208462.12	314803.22	2208462.12
826	514836.33	1208474.04	314836.33	2208474.04
827	514868.91	1208502.42	314868.91	2208502.42
828	514890.22	1208516.4	314890.22	2208516.4
829	514948.37	1208554.55	314948.37	2208554.55
830	515059.22	1208630.67	315059.22	2208630.67
831	515215.02	1209318.97	315215.02	2209318.97
832	515412.68	1209440.74	315412.68	2209440.74
833	515629.20	1209579.19	315629.20	2209579.19
834	515749.25	1209652.04	315749.25	2209652.04
835	515798.78	1209682.02	315798.78	2209682.02
836	515827.31	1209691.60	315827.31	2209691.60
837	516005.04	1209799.23	316005.04	2209799.23
838	516025.45	1209811.51	316025.45	2209811.51
839	516041.83	1209822.65	316041.83	2209822.65
840	516061.28	1209837.72	316061.28	2209837.72
841	516645.08	1210189.38	316645.08	2210189.38

842	516984.56	1210397.76	316984.56	2210397.76
843	517191.60	1210523.21	317191.60	2210523.21
844	517315.60	1210598.34	317315.60	2210598.34
845	517672.63	1210813.08	317672.63	2210813.08
846	518216.72	1211158.04	318216.72	2211158.04
847	518169.56	1211535.43	318169.56	2211535.43
848	518113.17	1211967.18	318113.17	2211967.18
849	518053.84	1212403.35	318053.84	2212403.35
850	517998.01	1212836.93	317998.01	2212836.93
851	517927.21	1213355.27	317927.21	2213355.27
852	517881.85	1213716.27	317881.85	2213716.27
853	517866.27	1213840.29	317866.27	2213840.29
854	517812.48	1214098.60	317812.48	2214098.60
855	517709.43	1214636.03	317709.43	2214636.03
856	517599.14	1215254.31	317599.14	2215254.31
857	517425.01	1215584.37	317425.01	2215584.37
858	517358.48	1215862.63	317358.48	2215862.63
859	517338.23	1215947.35	317338.23	2215947.35
860	517168.53	1216752.11	317168.53	2216752.11
861	517041.83	1217327.66	317041.83	2217327.66
862	516996.42	1217570.01	316996.42	2217570.01
863	516855.86	1218161.54	316855.86	2218161.54
864	516706.15	1218454.46	316706.15	2218454.46
865	516599.36	1218664.08	316599.36	2218664.08
866	516525.24	1218787.37	316525.24	2218787.37
867	516491.71	1218843.14	316491.71	2218843.14
868	516368.88	1219042.85	316368.88	2219042.85
869	516258.69	1219170.64	316258.69	2219170.64
870	515976.11	1219495.49	315976.11	2219495.49
871	515572.62	1219952.02	315572.62	2219952.02
872	515563.58	1219962.76	315563.58	2219962.76
873	515562.49	1219964.23	315562.49	2219964.23
874	515561.18	1219966.01	315561.18	2219966.01
875	515339.26	1220222.80	315339.26	2220222.80

876	515108.56	1220502.93	315108.56	2220502.93
877	515001.49	1220690.30	315001.49	2220690.30
878	514987.93	1220735.05	314987.93	2220735.05
879	514930.59	1220869.33	314930.59	2220869.33
880	514775.42	1220857.57	314775.42	2220857.57
881	514648.73	1220847.97	314648.73	2220847.97
882	514620.30	1220867.45	314620.30	2220867.45
883	514551.58	1220895.05	314551.58	2220895.05
884	514483.10	1220905.04	314483.10	2220905.04
885	514424.24	1220901.04	314424.24	2220901.04
886	514344.39	1220895.78	314344.39	2220895.78
887	514238.81	1220906.42	314238.81	2220906.42
888	514190.99	1220920.29	314190.99	2220920.29
889	514054.3	1221006.51	314054.3	2221006.51
890	513988.54	1221026.55	313988.54	2221026.55
891	513934.98	1221033.12	313934.98	2221033.12
892	513815.32	1221024.34	313815.32	2221024.34
893	513750.34	1221028.49	313750.34	2221028.49
894	513571.48	1221074.12	313571.48	2221074.12
895	513478.84	1221131.22	313478.84	2221131.22
896	513427.73	1221159.24	313427.73	2221159.24
897	513389.87	1221181.20	313389.87	2221181.20
898	513321.91	1221226.37	313321.91	2221226.37
899	513214.66	1221306.34	313214.66	2221306.34
900	513158.63	1221348.46	313158.63	2221348.46
901	513131.70	1221344.72	313131.70	2221344.72
902	513111.34	1221344.88	313111.34	2221344.88
903	513056.53	1221338.30	313056.53	2221338.30
904	513027.09	1221314.19	313027.09	2221314.19
905	512992.32	1221257.49	312992.32	2221257.49
906	512964.76	1221230.24	312964.76	2221230.24
907	512935.63	1221222.40	312935.63	2221222.40
908	512896.47	1221231.80	312896.47	2221231.80
909	512859.20	1221228.67	312859.20	2221228.67

910	512746.75	1221231.80	312746.75	2221231.80
911	512709.47	1221225.22	312709.47	2221225.22
912	512654.97	1221228.67	312654.97	2221228.67
913	512614.87	1221241.83	312614.87	2221241.83
914	512565.38	1221279.41	312565.38	2221279.41
915	512531.55	1221324.21	312531.55	2221324.21
916	512504.3	1221372.45	312504.3	2221372.45
917	512470.78	1221403.77	312470.78	2221403.77
918	512369.71	1221446.82	312369.71	2221446.82
919	512350.29	1221440.87	312350.29	2221440.87
920	512324.29	1221425.21	312324.29	2221425.21
921	512299.54	1221426.46	312299.54	2221426.46
922	512271.67	1221442.75	312271.67	2221442.75
923	512237.52	1221451.21	312237.52	2221451.21
924	512202.13	1221447.13	312202.13	2221447.13
925	512156.40	1221427.71	312156.40	2221427.71
926	512097.19	1221417.69	312097.19	2221417.69
927	512045.51	1221397.64	312045.51	2221397.64
928	511990.69	1221365.38	311990.69	2221365.38
929	511966.26	1221341.57	311966.26	2221341.57
930	511942.14	1221296.15	311942.14	2221296.15
931	511896.41	1221261.07	311896.41	2221261.07
932	511857.25	1221250.11	311857.25	2221250.11
933	511814.03	1221249.48	311814.03	2221249.48
934	511749.19	1221258.57	311749.19	2221258.57
935	511732.90	1221277.36	311732.90	2221277.36
936	511709.09	1221272.97	311709.09	2221272.97
937	511680.59	1221275.48	311680.59	2221275.48
938	511663.05	1221258.57	311663.05	2221258.57
939	511662.11	1221238.52	311662.11	2221238.52
940	511647.70	1221194.04	311647.70	2221194.04
941	511542.94	1221161.22	311542.94	2221161.22
942	511470.58	1221173.91	311470.58	2221173.91
943	511424.07	1221164.04	311424.07	2221164.04

944	511399.80	1221133.49	311399.80	2221133.49
945	511379.55	1221120.13	311379.55	2221120.13
946	511339.87	1221105.83	311339.87	2221105.83
947	511317.18	1221091.21	311317.18	2221091.21
948	511260.41	1221091.83	311260.41	2221091.83
949	511202.36	1221076.16	311202.36	2221076.16
950	511159.76	1221037.32	311159.76	2221037.32
951	511128.85	1221002.45	311128.85	2221002.45
952	511113.61	1220995.14	311113.61	2220995.14
953	511098.99	1220998.9	311098.99	2220998.9
954	511077.69	1221018.95	311077.69	2221018.95
955	511058.27	1221028.55	311058.27	2221028.55
956	511027.15	1221022.50	311027.15	2221022.50
957	510971.21	1220987.38	310971.21	2220987.38
958	510909.66	1220971.50	310909.66	2220971.50
959	510880.22	1220959.80	310880.22	2220959.80
960	510833.97	1220906.45	310833.97	2220906.45
961	510814.23	1220891.72	310814.23	2220891.72
962	510791.37	1220887.03	310791.37	2220887.03
963	510760.98	1220893.92	310760.98	2220893.92
964	510686.77	1220932.05	310686.77	2220932.05
965	510556.15	1220939.57	310556.15	2220939.57
966	510493.19	1220918.89	310493.19	2220918.89
967	510433.99	1220934.40	310433.99	2220934.40
968	510392.17	1220916.07	310392.17	2220916.07
969	510352.23	1220871.44	310352.23	2220871.44
970	510246.04	1220785.92	310246.04	2220785.92
971	510165.93	1220738.91	310165.93	2220738.91
972	510153.27	1220732.01	310153.27	2220732.01
973	510107.05	1220706.82	310107.05	2220706.82
974	510080.53	1220703.27	310080.53	2220703.27
975	510046.07	1220707.23	310046.07	2220707.23
976	510021.43	1220699.72	310021.43	2220699.72
977	509998.67	1220678.83	309998.67	2220678.83

978	509970.04	1220669.04	309970.04	2220669.04
979	509920.24	1220670.92	309920.24	2220670.92
980	509870.12	1220671.54	309870.12	2220671.54
981	509846.94	1220666.22	309846.94	2220666.22
982	509829.09	1220651.18	309829.09	2220651.18
983	509813.11	1220643.35	309813.11	2220643.35
984	509780.40	1220646.98	309780.40	2220646.98
985	509737.40	1220638.60	309737.40	2220638.60
986	509746.66	1220864.52	309746.66	2220864.52
987	509751.21	1220975.66	309751.21	2220975.66
988	509751.45	1220999.95	309751.45	2220999.95
989	509746.40	1221456.20	309746.40	2221456.20
990	509714.67	1221771.68	309714.67	2221771.68
991	509679.57	1222052.52	309679.57	2222052.52
992	509626.68	1222462.25	309626.68	2222462.25
993	509599.25	1222644.03	309599.25	2222644.03
994	509517.54	1223250.93	309517.54	2223250.93
995	509523.79	1223492.82	309523.79	2223492.82
996	509504.55	1224094.91	309504.55	2224094.91
997	509476.67	1224645.06	309476.67	2224645.06
998	509467.54	1224685.25	309467.54	2224685.25
999	509461.91	1224706.25	309461.91	2224706.25
1000	509350.63	1225121.04	309350.63	2225121.04
1001	509202.68	1225644.26	309202.68	2225644.26
1002	509138.43	1225870.24	309138.43	2225870.24
1003	508938.01	1226285.48	308938.01	2226285.48
1004	508790.29	1226587.04	308790.29	2226587.04
1005	508621.58	1226775.79	308621.58	2226775.79
1006	508528.90	1226884.27	308528.90	2226884.27
1007	508483.27	1226994.95	308483.27	2226994.95
1008	508439.23	1227101.77	308439.23	2227101.77
1009	508436.84	1227106.34	308436.84	2227106.34
1010	508383.42	1227245.35	308383.42	2227245.35
1011	508241.34	1227607.12	308241.34	2227607.12

1012	508443.75	1227680.87	308443.75	2227680.87
1013	508617.28	1227731.07	308617.28	2227731.07
1014	508849.30	1227813.18	308849.30	2227813.18
1015	508882.28	1227833.75	308882.28	2227833.75
1016	509077.28	1227899.76	309077.28	2227899.76
1017	509225.25	1227947.27	309225.25	2227947.27
1018	509417.42	1228022.85	309417.42	2228022.85
1019	509488.45	1228118.63	309488.45	2228118.63
1020	509526.80	1228186.02	309526.80	2228186.02
1021	509559.17	1228237.01	309559.17	2228237.01
1022	509563.17	1228242.44	309563.17	2228242.44
1023	509656.98	1228369.51	309656.98	2228369.51
1024	509697.30	1228440.62	309697.30	2228440.62
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1028	510228.96	1229008.55	310228.96	2229008.55
1029	510416.07	1229202.37	310416.07	2229202.37
1030	510527.64	1229320.34	310527.64	2229320.34
1031	510592.14	1229388.62	310592.14	2229388.62
1032	510731.92	1229582.06	310731.92	2229582.06
1033	510895.18	1229797.75	310895.18	2229797.75
1034	510995.77	1229932.28	310995.77	2229932.28
1035	510868.08	1230228.15	310868.08	2230228.15
1036	510794.56	1230376.67	310794.56	2230376.67
1037	510764.19	1230438.02	310764.19	2230438.02
1038	511172.83	1230486.45	311172.83	2230486.45
1039	511359.95	1230498.31	311359.95	2230498.31
1040	511509.82	1230461.90	311509.82	2230461.90
1041	511672.38	1230436.5	311672.38	2230436.5
1042	511748.59	1230444.96	311748.59	2230444.96
1043	511851.54	1230441.55	311851.54	2230441.55
1044	511901.84	1230439.88	311901.84	2230439.88
1045	511986.43	1230433.27	311986.43	2230433.27

1046	512077.87	1230402.42	312077.87	2230402.42
1047	512216.36	1230403.55	312216.36	2230403.55
1048	512263.39	1230416.72	312263.39	2230416.72
1049	512329.82	1230396.20	312329.82	2230396.20
1050	512414.97	1230348.68	312414.97	2230348.68
1051	512479.08	1230349.83	312479.08	2230349.83
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1053	512807.66	1230344.6	312807.66	2230344.6
1054	512962.73	1230343.93	312962.73	2230343.93
1055	513095.59	1230345.91	313095.59	2230345.91
1056	513336.17	1230350.83	313336.17	2230350.83
1057	513509.19	1230355.01	313509.19	2230355.01
1058	513849.94	1230349.56	313849.94	2230349.56
1059	514047.91	1230346.74	314047.91	2230346.74
1060	514233.36	1230353.57	314233.36	2230353.57
1061	514342.94	1230357.54	314342.94	2230357.54
1062	514491.67	1230362.90	314491.67	2230362.90
1063	514494.39	1230364.99	314494.39	2230364.99
1064	514502.47	1230512.60	314502.47	2230512.60
1065	514510.16	1230694.61	314510.16	2230694.61
1066	514517.52	1230869.31	314517.52	2230869.31
1067	514529.28	1231238.83	314529.28	2231238.83
1068	514680.77	1231741.22	314680.77	2231741.22
1069	514155.19	1232078.22	314155.19	2232078.22
1070	514159.27	1232094.54	314159.27	2232094.54
1071	514171.8	1232205.6	314171.8	2232205.6
1072	514188.41	1232386.69	314188.41	2232386.69
1073	514192.8	1232488.10	314192.8	2232488.10
1074	514250.23	1232991.92	314250.23	2232991.92
1075	514373.15	1234169.74	314373.15	2234169.74
1076	514399.43	1234667.50	314399.43	2234667.50
1077	514378.28	1234758.23	314378.28	2234758.23
1078	514304.64	1235074.04	314304.64	2235074.04
1079	514263.51	1235273.50	314263.51	2235273.50

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1081	514329.25	1235265.97	314329.25	2235265.97
1082	514344.29	1235254.18	314344.29	2235254.18
1083	514351.57	1235232.86	314351.57	2235232.86
1084	514374.39	1235206.01	314374.39	2235206.01
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1086	514395.73	1235138.28	314395.73	2235138.28
1087	514427.58	1235113.19	314427.58	2235113.19
1088	514448.15	1235072.31	314448.15	2235072.31
1089	514470.54	1235049.32	314470.54	2235049.32
1090	514529.28	1235019.95	314529.28	2235019.95
1091	514611.21	1235046.23	314611.21	2235046.23
1092	514656.73	1235049.21	314656.73	2235049.21
1093	514705.50	1235052.41	314705.50	2235052.41
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1095	514812.17	1235123.52	314812.17	2235123.52
1096	514833.81	1235155.21	314833.81	2235155.21
1097	514846.95	1235190.76	314846.95	2235190.76
1098	514861.59	1235197.48	314861.59	2235197.48
1099	514937.10	1235190.71	314937.10	2235190.71
1100	514975.74	1235166.12	314975.74	2235166.12
1101	515055.76	1235143.80	315055.76	2235143.80
1102	515091.95	1235131.97	315091.95	2235131.97
1103	515147.83	1235113.69	315147.83	2235113.69
1104	515165.63	1235105.58	315165.63	2235105.58
1105	515187.47	1235095.63	315187.47	2235095.63
1106	515204.03	1235078.82	315204.03	2235078.82
1107	515223.10	1235040.19	315223.10	2235040.19
1108	515244.92	1235020.37	315244.92	2235020.37
1109	515280.3	1234999.04	315280.3	2234999.04
1110	515340.51	1234967.43	315340.51	2234967.43
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1113	515480.74	1234967.18	315480.74	2234967.18

1114	515488.47	1234985.94	315488.47	2234985.94
1115	515469.92	1235007.58	315469.92	2235007.58
1116	515466.06	1235038.50	315466.06	2235038.50
1117	515485.38	1235058.59	315485.38	2235058.59
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1119	515550.74	1235038.43	315550.74	2235038.43
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1121	515627.75	1234976.97	315627.75	2234976.97
1122	515646.32	1234943.60	315646.32	2234943.60
1123	515662.12	1234924.03	315662.12	2234924.03
1124	515687.96	1234907.22	315687.96	2234907.22
1125	515712.80	1234899.95	315712.80	2234899.95
1126	515735.13	1234908.98	315735.13	2234908.98
1127	515769.26	1234956.26	315769.26	2234956.26
1128	515809.23	1234992.12	315809.23	2234992.12
1129	515844.79	1235003.72	315844.79	2235003.72
1130	515867.20	1235021.49	315867.20	2235021.49
1131	515876.48	1235058.59	315876.48	2235058.59
1132	515891.16	1235083.33	315891.16	2235083.33
1133	515912.80	1235101.10	315912.80	2235101.10
1134	515957.63	1235121.20	315957.63	2235121.20
1135	515978.21	1235143.02	315978.21	2235143.02
1136	515983.14	1235148.25	315983.14	2235148.25
1137	516000.92	1235167.58	316000.92	2235167.58
1138	516034.15	1235174.53	316034.15	2235174.53
1139	516076.66	1235186.90	316076.66	2235186.90
1140	516097.53	1235203.13	316097.53	2235203.13
1141	516112.22	1235220.13	316112.22	2235220.13
1142	516133.86	1235231.73	316133.86	2235231.73
1143	516145.45	1235247.96	316145.45	2235247.96
1144	516170.19	1235256.46	316170.19	2235256.46
1145	516196.47	1235275.01	316196.47	2235275.01
1146	516247.48	1235281.97	316247.48	2235281.97
1147	516288.44	1235278.88	316288.44	2235278.88

1148	516306.22	1235283.51	316306.22	2235283.51
1149	516335.59	1235301.29	316335.59	2235301.29
1150	516423.70	1235322.16	316423.70	2235322.16
1151	516468.53	1235340.71	316468.53	2235340.71
1152	516504.09	1235331.43	316504.09	2235331.43
1153	516533.46	1235329.89	316533.46	2235329.89
1154	516606.11	1235351.53	316606.11	2235351.53
1155	516664.08	1235332.59	316664.08	2235332.59
1156	516680.31	1235326.8	316680.31	2235326.8
1157	516706.59	1235342.26	316706.59	2235342.26
1158	516741.37	1235373.17	316741.37	2235373.17
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1160	516807.07	1235393.27	316807.07	2235393.27
1161	516863.50	1235381.67	316863.50	2235381.67
1162	516902.14	1235356.94	316902.14	2235356.94
1163	516921.46	1235326.02	316921.46	2235326.02
1164	516938.31	1235300.92	316938.31	2235300.92
1165	516943.67	1235292.93	316943.67	2235292.93
1166	516980.21	1235260.33	316980.21	2235260.33
1167	516975.57	1235245.64	316975.57	2235245.64
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1169	516950.06	1235208.54	316950.06	2235208.54
1170	516963.200	1235191.54	316963.20	2235191.54
1171	517003.39	1235172.99	317003.39	2235172.99
1172	517030.45	1235149.80	317030.45	2235149.80
1173	517055.95	1235139.75	317055.95	2235139.75
1174	517096.92	1235143.62	317096.92	2235143.62
1175	517129.38	1235132.02	317129.38	2235132.02
1176	517171.12	1235104.97	317171.12	2235104.97
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1178	517354.30	1235032.31	317354.30	2235032.31
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1180	517409.18	1234985.17	317409.18	2234985.17
1181	517474.1	1234969.71	317474.1	2234969.71

1182	517504.25	1234949.61	317504.25	2234949.61
1183	517503.47	1234928.74	317503.47	2234928.74
1184	517489.56	1234907.87	317489.56	2234907.87
1185	517484.92	1234890.87	317484.92	2234890.87
1186	517460.19	1234862.27	317460.19	2234862.27
1187	517461.74	1234810.49	317461.74	2234810.49
1188	517447.05	1234783.43	317447.05	2234783.43
1189	517450.91	1234756.38	317450.91	2234756.38
1190	517468.31	1234739.38	317468.31	2234739.38
1191	517485.70	1234722.37	317485.70	2234722.37
1192	517505.79	1234728.56	317505.79	2234728.56
1193	517531.30	1234730.10	317531.30	2234730.10
1194	517553.71	1234714.64	317553.71	2234714.64
1195	517566.85	1234696.09	317566.85	2234696.09
1196	517587.72	1234708.46	317587.72	2234708.46
1197	517614.77	1234706.14	317614.77	2234706.14
1198	517651.10	1234689.14	317651.10	2234689.14
1199	517668.88	1234665.95	317668.88	2234665.95
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1201	517703.66	1234620.35	317703.66	2234620.35
1202	517724.53	1234621.89	317724.53	2234621.89
1203	517742.31	1234632.72	317742.31	2234632.72
1204	517753.13	1234639.67	317753.13	2234639.67
1205	517774.00	1234630.40	317774.00	2234630.40
1206	517789.45	1234621.12	317789.45	2234621.12
1207	517838.15	1234628.08	317838.15	2234628.08
1208	517869.06	1234602.57	317869.06	2234602.57
1209	517892.25	1234562.38	317892.25	2234562.38
1210	517910.80	1234541.51	317910.80	2234541.51
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1212	517957.18	1234528.37	317957.18	2234528.37
1213	517986.55	1234533.78	317986.55	2234533.78
1214	518015.92	1234529.92	318015.92	2234529.92
1215	518034.47	1234519.87	318034.47	2234519.87

1216	518061.59	1234498.21	318061.59	2234498.21
1217	518097.85	1234488.95	318097.85	2234488.95
1218	518122.58	1234488.18	318122.58	2234488.18
1219	518147.32	1234478.90	318147.32	2234478.90
1220	518168.96	1234459.58	318168.96	2234459.58
1221	518200.65	1234452.63	318200.65	2234452.63
1222	518214.56	1234437.17	318214.56	2234437.17
1223	518240.84	1234392.34	318240.84	2234392.34
1224	518258.62	1234366.06	318258.62	2234366.06
1225	518311.95	1234351.37	318311.95	2234351.37
1226	518324.31	1234358.33	318324.31	2234358.33
1227	518346.73	1234379.97	318346.73	2234379.97
1228	518359.10	1234386.15	318359.10	2234386.15
1229	518376.10	1234378.42	318376.10	2234378.42
1230	518394.65	1234358.33	318394.65	2234358.33
1231	518414.75	1234337.46	318414.75	2234337.46
1232	518441.8	1234327.41	318441.8	2234327.41
1233	518480.44	1234330.50	318480.44	2234330.50
1234	518553.87	1234373.79	318553.87	2234373.79
1235	518605.66	1234376.11	318605.66	2234376.11
1236	518642.76	1234359.10	318642.76	2234359.10
1237	518689.91	1234366.06	318689.91	2234366.06
1238	518739.37	1234378.42	318739.37	2234378.42
1239	518779.56	1234369.92	318779.56	2234369.92
1240	518816.66	1234362.19	318816.66	2234362.19
1241	518832.01	1234357.97	318832.01	2234357.97
1242	518850.08	1234363.99	318850.08	2234363.99
1243	518864.13	1234383.56	318864.13	2234383.56
1244	518883.44	1234393.09	318883.44	2234393.09
1245	518910.79	1234427.46	318910.79	2234427.46
1246	518935.37	1234427.46	318935.37	2234427.46
1247	518966.98	1234401.62	318966.98	2234401.62
1248	518972.50	1234378.04	318972.50	2234378.04
1249	519001.86	1234360.73	319001.86	2234360.73

1250	519016.41	1234338.65	319016.41	2234338.65
1251	519045.51	1234328.87	319045.51	2234328.87
1252	519072.85	1234334.89	319072.85	2234334.89
1253	519107.47	1234352.45	319107.47	2234352.45
1254	519141.94	1234353.75	319141.94	2234353.75
1255	519168.03	1234360.77	319168.03	2234360.77
1256	519220.21	1234385.11	319220.21	2234385.11
1257	519270.38	1234420.73	319270.38	2234420.73
1258	519308.02	1234453.35	319308.02	2234453.35
1259	519324.32	1234480.69	319324.32	2234480.69
1260	519331.85	1234514.81	319331.85	2234514.81
1261	519350.41	1234543.41	319350.41	2234543.41
1262	519361.44	1234573.21	319361.44	2234573.21
1263	519362.44	1234604.15	319362.44	2234604.15
1264	519375.15	1234623.38	319375.15	2234623.38
1265	519394.56	1234639.10	319394.56	2234639.10
1266	519401.30	1234667.53	319401.30	2234667.53
1267	519425.38	1234684.58	319425.38	2234684.58
1268	519433.16	1234710.17	319433.16	2234710.17
1269	519426.89	1234741.78	319426.89	2234741.78
1270	519431.91	1234766.12	319431.91	2234766.12
1271	519444.19	1234777.20	319444.19	2234777.20
1272	519440.92	1234815.08	319440.92	2234815.08
1273	519420.10	1234832.64	319420.10	2234832.64
1274	519379.21	1234837.41	319379.21	2234837.41
1275	519351.13	1234848.22	319351.13	2234848.22
1276	519164.89	1234901.69	319164.89	2234901.69
1277	519070.95	1234929.13	319070.95	2234929.13
1278	519015.31	1234942.27	319015.31	2234942.27
1279	518996.20	1234983.44	318996.20	2234983.44
1280	518966.45	1235014.37	318966.45	2235014.37
1281	518930.73	1235060.40	318930.73	2235060.40
1282	518935.77	1235084.77	318935.77	2235084.77
1283	518933.49	1235120.61	318933.49	2235120.61

1284	518921.15	1235149.23	318921.15	2235149.23
1285	518913.71	1235186.95	318913.71	2235186.95
1286	518895.55	1235217.13	318895.55	2235217.13
1287	518875.35	1235248.73	318875.35	2235248.73
1288	518853.94	1235296.09	318853.94	2235296.09
1289	518854.36	1235384.65	318854.36	2235384.65
1290	518837.07	1235527.77	318837.07	2235527.77
1291	518796.77	1235664.20	318796.77	2235664.20
1292	518792.16	1235720.05	318792.16	2235720.05
1293	518788.26	1235753.02	318788.26	2235753.02
1294	518767.27	1235794.50	318767.27	2235794.50
1295	518732.91	1235859.34	318732.91	2235859.34
1296	518732.59	1235918.21	318732.59	2235918.21
1297	518724.63	1235993.52	318724.63	2235993.52
1298	518730.28	1236082.89	318730.28	2236082.89
1299	518743.19	1236123.13	318743.19	2236123.13
1300	518747.69	1236144.42	318747.69	2236144.42
1301	518740.90	1236178.35	318740.90	2236178.35
1302	518734.86	1236233.17	318734.86	2236233.17
1303	518714.53	1236374.70	318714.53	2236374.70
1304	518689.00	1236502.28	318689.00	2236502.28
1305	518678.85	1236578.52	318678.85	2236578.52
1306	518677.50	1236609.62	318677.50	2236609.62
1307	518689.34	1236620.38	318689.34	2236620.38
1308	518701.92	1236633.83	318701.92	2236633.83
1309	518739.26	1236640.76	318739.26	2236640.76
1310	518779.54	1236654.68	318779.54	2236654.68
1311	518824.44	1236677.46	318824.44	2236677.46
1312	518849.08	1236722.02	318849.08	2236722.02
1313	518885.83	1236831.07	318885.83	2236831.07
1314	518937.77	1236934.40	318937.77	2236934.40
1315	518956.89	1236953.02	318956.89	2236953.02
1316	518990.04	1236983.81	318990.04	2236983.81
1317	519000.76	1237039.53	319000.76	2237039.53

1318	519007.39	1237073.46	319007.39	2237073.46
1319	519037.52	1237119.59	319037.52	2237119.59
1320	519069.71	1237145.79	319069.71	2237145.79
1321	519101.76	1237160.42	319101.76	2237160.42
1322	519126.90	1237177.92	319126.90	2237177.92
1323	519118.21	1237230.74	319118.21	2237230.74
1324	519126.48	1237251.53	319126.48	2237251.53
1325	519124.55	1237270.05	319124.55	2237270.05
1326	519148.94	1237276.81	319148.94	2237276.81
1327	519175.93	1237285.95	319175.93	2237285.95
1328	519175.06	1237312.10	319175.06	2237312.10
1329	519196.88	1237316.61	319196.88	2237316.61
1330	519211.19	1237331.16	319211.19	2237331.16
1331	519218.54	1237357.42	319218.54	2237357.42
1332	519221.75	1237389.40	319221.75	2237389.40
1333	519210.70	1237411.93	319210.70	2237411.93
1334	519226.94	1237438.26	319226.94	2237438.26
1335	519252.47	1237479.40	319252.47	2237479.40
1336	519261.50	1237509.25	319261.50	2237509.25
1337	519283.34	1237535.01	319283.34	2237535.01
1338	519343.18	1237574.52	319343.18	2237574.52
1339	519362.10	1237610.08	319362.10	2237610.08
1340	519372.14	1237653.73	319372.14	2237653.73
1341	519401.74	1237703.40	319401.74	2237703.40
1342	519418.8	1237723.97	319418.8	2237723.97
1343	519456.69	1237752.32	319456.69	2237752.32
1344	519480.27	1237763.11	319480.27	2237763.11
1345	519506.35	1237778.92	319506.35	2237778.92
1346	519592.15	1237810.78	319592.15	2237810.78
1347	519607.71	1237823.32	319607.71	2237823.32
1348	519626.77	1237861.96	319626.77	2237861.96
1349	519642.09	1237882.54	319642.09	2237882.54
1350	519663.40	1237894.32	319663.40	2237894.32
1351	519686.98	1237895.83	319686.98	2237895.83

1352	519702.55	1237904.35	319702.55	2237904.35
1353	519710.06	1237922.92	319710.06	2237922.92
1354	519714.83	1237952.27	319714.83	2237952.27
1355	519732.64	1237986.14	319732.64	2237986.14
1356	519761.49	1238025.03	319761.49	2238025.03
1357	519795.86	1238051.62	319795.86	2238051.62
1358	519807.90	1238078.46	319807.90	2238078.46
1359	519813.92	1238120.11	319813.92	2238120.11
1360	519817.95	1238171.28	319817.95	2238171.28
1361	519826.98	1238196.63	319826.98	2238196.63
1362	519842.28	1238217.7	319842.28	2238217.7
1363	519862.10	1238230.24	319862.10	2238230.24
1364	519871.12	1238242.78	319871.12	2238242.78
1365	519869.38	1238269.87	319869.38	2238269.87
1366	519872.89	1238287.94	319872.89	2238287.94
1367	519886.68	1238309.76	319886.68	2238309.76
1368	519908.00	1238321.05	319908.00	2238321.05
1369	519921.06	1238334.85	319921.06	2238334.85
1370	519927.58	1238356.69	319927.58	2238356.69
1371	519924.26	1238366.30	319924.26	2238366.30
1372	519925.08	1238387.32	319925.08	2238387.32
1373	519926.57	1238399.84	319926.57	2238399.84
1374	519936.35	1238412.37	319936.35	2238412.37
1375	519960.37	1238455.86	319960.37	2238455.86
1376	519963.16	1238480.32	319963.16	2238480.32
1377	519954.40	1238527.84	319954.40	2238527.84
1378	519918.85	1238605.14	319918.85	2238605.14
1379	519943.58	1238699.43	319943.58	2238699.43
1380	519955.95	1238755.09	319955.95	2238755.09
1381	519938.19	1238809.89	319938.19	2238809.89
1382	519935.85	1238816.23	319935.85	2238816.23
1383	519939.87	1238840.30	319939.87	2238840.30
1384	519953.25	1238860.82	319953.25	2238860.82
1385	519976.88	1238872.64	319976.88	2238872.64

1386	520023.93	1238881.78	320023.93	2238881.78
1387	520046.90	1238910.34	320046.90	2238910.34
1388	520068.97	1238927.94	320068.97	2238927.94
1389	520098.87	1238932.18	320098.87	2238932.18
1390	520115.18	1238945.23	320115.18	2238945.23
1391	520130.63	1238980.78	320130.63	2238980.78
1392	520187.82	1238997.79	320187.82	2238997.79
1393	520243.47	1239042.61	320243.47	2239042.61
1394	520353.23	1239135.36	320353.23	2239135.36
1395	520377.19	1239174.00	320377.19	2239174.00
1396	520401.15	1239228.11	320401.15	2239228.11
1397	520379.51	1239268.30	320379.51	2239268.30
1398	520363.95	1239280.54	320363.95	2239280.54
1399	520356.91	1239280.19	320356.91	2239280.19
1400	520332.16	1239303.38	320332.16	2239303.38
1401	520310.72	1239337.58	320310.72	2239337.58
1402	520295.11	1239382.84	320295.11	2239382.84
1403	520287.75	1239454.87	320287.75	2239454.87
1404	520289.31	1239492.11	320289.31	2239492.11
1405	520305.14	1239539.61	320305.14	2239539.61
1406	520310.49	1239573.95	320310.49	2239573.95
1407	520298.9	1239634.83	320298.9	2239634.83
1408	520297.78	1239671.18	320297.78	2239671.18
1409	520290.65	1239690.80	320290.65	2239690.80
1410	520266.34	1239727.38	320266.34	2239727.38
1411	520254.79	1239763.49	320254.79	2239763.49
1412	520258.95	1239784.89	320258.95	2239784.89
1413	520284.12	1239808.68	320284.12	2239808.68
1414	520284.12	1239827.11	320284.12	2239827.11
1415	520259.15	1239824.34	320259.15	2239824.34
1416	520253.28	1239857.69	320253.28	2239857.69
1417	520266.73	1239897.89	320266.73	2239897.89
1418	520330.06	1239930.44	320330.06	2239930.44
1419	520304.08	1240107.39	320304.08	2240107.39

1420	520301.50	1240130.28	320301.50	2240130.28
1421	520238.71	1240574.16	320238.71	2240574.16
1422	520162.33	1241123.31	320162.33	2241123.31
1423	520426.66	1241154.22	320426.66	2241154.22
1424	520434.43	1241158.44	320434.43	2241158.44
1425	520460.32	1241377.93	320460.32	2241377.93
1426	520483.90	1241577.80	320483.90	2241577.80
1427	520485.89	1241598.64	320485.89	2241598.64
1428	521387.50	1241747.82	321387.50	2241747.82
1429	521714.93	1241787.35	321714.93	2241787.35
1430	522323.06	1241687.69	322323.06	2241687.69
1431	522613.64	1241684.73	322613.64	2241684.73
1432	523223.28	1241700.21	323223.28	2241700.21
1433	523519.54	1241697.56	323519.54	2241697.56
1434	523523.55	1241697.53	323523.55	2241697.53
1435	523735.97	1241695.64	323735.97	2241695.64
1436	523926.14	1241705.57	323926.14	2241705.57
1437	523930.14	1241705.78	323930.14	2241705.78
1438	523997.35	1241709.29	323997.35	2241709.29
1439	524538.59	1241752.93	324538.59	2241752.93
1440	524990.57	1241761.92	324990.57	2241761.92
1441	524995.10	1241762.01	324995.10	2241762.01
1442	525042.42	1241762.95	325042.42	2241762.95
1443	525681.22	1241775.67	325681.22	2241775.67
1444	526145.64	1241780.01	326145.64	2241780.01
1445	526151.99	1241777.70	326151.99	2241777.70
1446	526276.91	1241777.38	326276.91	2241777.38
1447	526571.42	1241789.84	326571.42	2241789.84
1448	526956.83	1241803.78	326956.83	2241803.78
1449	527105.86	1241809.46	327105.86	2241809.46
1450	527591.42	1241826.89	327591.42	2241826.89
1451	527595.41	1241826.11	327595.41	2241826.11
1452	527793.18	1241832.98	327793.18	2241832.98
1453	528242.01	1241874.66	328242.01	2241874.66

1454	528247.24	1241871.12	328247.24	2241871.12
1455	528266.44	1241872.16	328266.44	2241872.16
1456	528388.73	1241881.32	328388.73	2241881.32
1457	528517.36	1241890.63	328517.36	2241890.63
1458	528574.19	1241896.01	328574.19	2241896.01
1459	528717.14	1241910.00	328717.14	2241910.00
1460	528812.91	1241919.38	328812.91	2241919.38
1461	529013.36	1241941.08	329013.36	2241941.08
1462	529382.29	1241973.52	329382.29	2241973.52
1463	529586.22	1241989.10	329586.22	2241989.10
1464	529824.53	1242009.67	329824.53	2242009.67
1465	530116.24	1242034.86	330116.24	2242034.86
1466	530128.38	1242035.33	330128.38	2242035.33
1467	530128.56	1242053.78	330128.56	2242053.78
1468	530181.57	1242057.49	330181.57	2242057.49
1469	530239.17	1242061.53	330239.17	2242061.53
1470	530328.00	1242074.05	330328.00	2242074.05
1471	530489.20	1242091.84	330489.20	2242091.84
1472	530926.46	1242144.10	330926.46	2242144.10
1473	531301.32	1242190.40	331301.32	2242190.40
1474	531611.16	1242225.65	331611.16	2242225.65
1475	531769.17	1242243.28	331769.17	2242243.28
1476	531782.03	1242234.02	331782.03	2242234.02
1477	532154.11	1242264.04	332154.11	2242264.04
1478	532269.09	1242275.33	332269.09	2242275.33
1479	532342.40	1242282.53	332342.40	2242282.53
1480	532475.75	1242292.97	332475.75	2242292.97
1481	532548.76	1242301.27	332548.76	2242301.27
1482	532640.94	1242308.17	332640.94	2242308.17
1483	532813.48	1242329.04	332813.48	2242329.04
1484	532906.93	1242343.3	332906.93	2242343.3
1485	533151.12	1242368.78	333151.12	2242368.78
1486	533342.44	1242386.69	333342.44	2242386.69
1487	533471.82	1242388.03	333471.82	2242388.03

1488	533576.81	1242386.65	333576.81	2242386.65
1489	533676.90	1242389.26	333676.90	2242389.26
1490	533778.80	1242386.42	333778.80	2242386.42
1491	533930.95	1242390.08	333930.95	2242390.08
1492	534053.51	1242394.89	334053.51	2242394.89
1493	534171.17	1242394.66	334171.17	2242394.66
1494	534209.57	1242394.75	334209.57	2242394.75
1495	534340.82	1242394.72	334340.82	2242394.72
1496	534363.77	1242395.75	334363.77	2242395.75
1497	534390.20	1242397.46	334390.20	2242397.46
1498	534425.96	1242399.78	334425.96	2242399.78
1499	534556.23	1242402.97	334556.23	2242402.97
1500	535169.37	1242413.99	335169.37	2242413.99
1501	535684.12	1242414.77	335684.12	2242414.77
1502	536160.62	1242423.29	336160.62	2242423.29
1503	536811.30	1242442.61	336811.30	2242442.61
1504	537234.55	1242456.84	337234.55	2242456.84
1505	537638.99	1242470.43	337638.99	2242470.43
1506	537748.85	1242473.02	337748.85	2242473.02
1507	538048.06	1242507.13	338048.06	2242507.13
1508	538355.58	1242525.84	338355.58	2242525.84
1509	538365.25	1242525.93	338365.25	2242525.93
1510	540390.48	1242551.06	340390.48	2242551.06
1511	540869.58	1242545.24	340869.58	2242545.24
1512	541591.27	1242540.74	341591.27	2242540.74
1513	542054.07	1242552.18	342054.07	2242552.18
1514	542059.33	1242552.23	342059.33	2242552.23
1515	542151.13	1242553.01	342151.13	2242553.01
1516	542494.47	1242553.84	342494.47	2242553.84
1517	543459.52	1242548.92	343459.52	2242548.92
1518	543864.67	1242564.66	343864.67	2242564.66
1519	544337.89	1242604.5	344337.89	2242604.50
1520	544369.75	1242596.30	344369.75	2242596.30
1521	544654.4	1242539.85	344654.4	2242539.85

1522	544718.58	1242528.37	344718.58	2242528.37
1523	545000.81	1242457.60	345000.81	2242457.60
1524	545271.17	1242386.93	345271.17	2242386.93
1525	545396.74	1242358.03	345396.74	2242358.03
1526	545512.41	1242338.63	345512.41	2242338.63
1527	545812.18	1242292.36	345812.18	2242292.36
1528	546079.96	1242250.09	346079.96	2242250.09
1529	546104.33	1242245.66	346104.33	2242245.66
1530	546114.46	1242245.48	346114.46	2242245.48
1531	546581.72	1242204.79	346581.72	2242204.79
1532	546903.37	1242187.47	346903.37	2242187.47
1533	547100.91	1242187.21	347100.91	2242187.21
1534	547132.15	1242720.97	347132.15	2242720.97
1535	547150.93	1243049.47	347150.93	2243049.47
1536	547258.72	1243278.48	347258.72	2243278.48
1537	547261.51	1243284.30	347261.51	2243284.30
1538	547477.92	1243704.72	347477.92	2243704.72
1539	547205.26	1243755.47	347205.26	2243755.47
1540	547475.29	1244451.34	347475.29	2244451.34
1541	547600.03	1244396.16	347600.03	2244396.16
1542	548113.80	1244533.08	348113.80	2244533.08
1543	548154.29	1244543.87	348154.29	2244543.87
1544	548333.20	1244598.20	348333.20	2244598.20
1545	548546.61	1244503.66	348546.61	2244503.66
1546	548850.24	1244548.49	348850.24	2244548.49
1547	548966.28	1244572.67	348966.28	2244572.67
1548	549035.83	1244569.20	349035.83	2244569.20
1549	549152.30	1244947.07	349152.30	2244947.07
1550	549149.32	1245046.47	349149.32	2245046.47
1551	549149.55	1245421.90	349149.55	2245421.90
1552	549117.79	1246075.84	349117.79	2246075.84
1553	549124.00	1246078.96	349124.00	2246078.96
1554	548840.84	1246235.51	348840.84	2246235.51
1555	548807.46	1246253.23	348807.46	2246253.23

1556	548634.47	1246343.87	348634.47	2246343.87
1557	548470.36	1246431.34	348470.36	2246431.34
1558	548427.82	1246456.32	348427.82	2246456.32
1559	548355.94	1246468.30	348355.94	2246468.30
1560	548307.20	1246482.19	348307.20	2246482.19
1561	548269.36	1246487.63	348269.36	2246487.63
1562	548262.01	1246489.26	348262.01	2246489.26
1563	548245.89	1246491.82	348245.89	2246491.82
1564	548078.83	1246518.21	348078.83	2246518.21
1565	548104.71	1246583.45	348104.71	2246583.45
1566	548229.35	1246879.32	348229.35	2246879.32
1567	548471.52	1247462.86	348471.52	2247462.86
1568	548554.70	1247661.46	348554.70	2247661.46
1569	548764.61	1248162.57	348764.61	2248162.57
1570	548569.97	1248631.16	348569.97	2248631.16
1571	548479.17	1248850.29	348479.17	2248850.29
1572	548411.50	1249010.07	348411.50	2249010.07
1573	548342.91	1249169.60	348342.91	2249169.60
1574	548288.39	1249296.81	348288.39	2249296.81
1575	548235.32	1249418.47	348235.32	2249418.47
1576	548193.39	1249492.82	348193.39	2249492.82
1577	548158.00	1249571.30	348158.00	2249571.30
1578	548060.40	1249765.40	348060.40	2249765.40
1579	547923.90	1250010.40	347923.90	2250010.40
1580	547859.60	1250129.60	347859.60	2250129.60
1581	547845.00	1250492.40	347845.00	2250492.40
1582	547821.00	1251077.40	347821.00	2251077.40
1583	548117.00	1251255.30	348117.00	2251255.30
1584	548517.40	1251470.70	348517.40	2251470.70
1585	548538.73	1251501.34	348538.73	2251501.34
1586	548544.66	1251528.88	348544.66	2251528.88
1587	548523.45	1251561.94	348523.45	2251561.94
1588	548521.25	1251565.37	348521.25	2251565.37
1589	548511.88	1251641.89	348511.88	2251641.89

1590	548587.38	1251878.11	348587.38	2251878.11
1591	548618.68	1251888.98	348618.68	2251888.98
1592	548967.65	1251908.08	348967.65	2251908.08
1593	548969.30	1252111.01	348969.30	2252111.01
1594	549220.70	1252115.91	349220.70	2252115.91
1595	549230.70	1252846.81	349230.70	2252846.81
1596	549692.30	1252996.60	349692.30	2252996.60
1597	550154.10	1253265.80	350154.10	2253265.80
1598	550201.89	1253296.21	350201.89	2253296.21
1599	550341.90	1253385.30	350341.90	2253385.30
1600	550684.30	1253716.60	350684.30	2253716.60
1601	550802.10	1253797.80	350802.10	2253797.80
1602	550820.92	1253810.16	350820.92	2253810.16
1603	550937.05	1253803.29	350937.05	2253803.29
1604	551058.67	1253808.79	351058.67	2253808.79
1605	551131.97	1253778.97	351131.97	2253778.97
1606	551191.91	1253790.62	351191.91	2253790.62
1607	551218.65	1253797.81	351218.65	2253797.81
1608	551273.10	1253792.68	351273.10	2253792.68
1609	551345.88	1253768.66	351345.88	2253768.66
1610	551374.00	1253752.90	351374.00	2253752.90
1611	551495.54	1253831.00	351495.54	2253831.00
1612	551503.10	1253835.80	351503.10	2253835.80
1613	551528.60	1253893.20	351528.60	2253893.20
1614	551664.10	1253968.10	351664.10	2253968.10
1615	551702.40	1254020.70	351702.40	2254020.70
1616	551762.90	1254033.50	351762.90	2254033.50
1617	551774.10	1254070.10	351774.10	2254070.10
1618	551820.20	1254098.80	351820.20	2254098.80
1619	551885.60	1254156.20	351885.60	2254156.20
1620	551957.40	1254239.00	351957.40	2254239.00
1621	552003.60	1254261.20	352003.60	2254261.20
1622	552081.70	1254323.50	352081.70	2254323.50
1623	552123.10	1254379.30	352123.10	2254379.30

1624	552122.65	1254380.84	352122.65	2254380.84
1625	552109.29	1254401.06	352109.29	2254401.06
1626	552101.75	1254433.94	352101.75	2254433.94
1627	552085.99	1254475.39	352085.99	2254475.39
1628	552092.16	1254501.77	352092.16	2254501.77
1629	552139.09	1254551.10	352139.09	2254551.10
1630	552156.90	1254587.76	352156.90	2254587.76
1631	552162.04	1254654.90	352162.04	2254654.90
1632	552183.28	1254739.17	352183.28	2254739.17
1633	552179.86	1254789.53	352179.86	2254789.53
1634	552149.80	1254920.66	352149.80	2254920.66
1635	552133.32	1254974.03	352133.32	2254974.03
1636	552147.15	1255036.34	352147.15	2255036.34
1637	552136.83	1255065.50	352136.83	2255065.50
1638	552064.06	1255122.14	352064.06	2255122.14
1639	552026.9	1255157.26	352026.9	2255157.26
1640	551974.49	1255164.11	351974.49	2255164.11
1641	551941.26	1255183.98	351941.26	2255183.98
1642	551930.99	1255209.68	351930.99	2255209.68
1643	551946.74	1255271.68	351946.74	2255271.68
1644	551926.19	1255325.81	351926.19	2255325.81
1645	551901.18	1255345.68	351901.18	2255345.68
1646	551832.33	1255345.68	351832.33	2255345.68
1647	551787.79	1255333.34	351787.79	2255333.34
1648	551749.42	1255340.19	351749.42	2255340.19
1649	551716.88	1255361.09	351716.88	2255361.09
1650	551701.12	1255389.52	351701.12	2255389.52
1651	551695.3	1255429.95	351695.3	2255429.95
1652	551720.65	1255502.23	351720.65	2255502.23
1653	551712.77	1255524.50	351712.77	2255524.50
1654	551679.2	1255562.52	351679.2	2255562.52
1655	551675.43	1255589.58	351675.43	2255589.58
1656	551711.4	1255664.95	351711.4	2255664.95
1657	551727.84	1255710.51	351727.84	2255710.51

1658	551726.13	1255746.48	351726.13	2255746.48
1659	551711.74	1255777.66	351711.74	2255777.66
1660	551659.67	1255830.07	351659.67	2255830.07
1661	551628.50	1255841.03	351628.50	2255841.03
1662	551564.44	1255826.98	351564.44	2255826.98
1663	551538.08	1255810.45	351538.08	2255810.45
1664	551505.50	1255818.06	351505.50	2255818.06
1665	551461.96	1255805.27	351461.96	2255805.27
1666	551436.07	1255780.91	351436.07	2255780.91
1667	551401.06	1255774.82	351401.06	2255774.82
1668	551347.16	1255757.46	351347.16	2255757.46
1669	551313.05	1255756.25	351313.05	2255756.25
1670	551280.47	1255772.69	351280.47	2255772.69
1671	551257.63	1255778.48	351257.63	2255778.48
1672	551197.34	1255776.04	351197.34	2255776.04
1673	551160.19	1255797.35	351160.19	2255797.35
1674	551121.52	1255798.88	351121.52	2255798.88
1675	551103.55	1255809.53	351103.55	2255809.53
1676	551073.71	1255868.61	351073.71	2255868.61
1677	551056.66	1255894.49	351056.66	2255894.49
1678	551039.61	1255968.49	351039.61	2255968.49
1679	551014.33	1256006.25	351014.33	2256006.25
1680	551007.63	1256047.35	351007.63	2256047.35
1681	550989.67	1256060.75	350989.67	2256060.75
1682	550963.79	1256069.89	350963.79	2256069.89
1683	550932.42	1256083.59	350932.42	2256083.59
1684	550913.85	1256104.91	350913.85	2256104.91
1685	550911.72	1256150.58	350911.72	2256150.58
1686	550904.71	1256186.51	350904.71	2256186.51
1687	550912.63	1256207.52	350912.63	2256207.52
1688	550941.56	1256234.93	350941.56	2256234.93
1689	550962.26	1256271.17	350962.26	2256271.17
1690	550968.05	1256303.75	350968.05	2256303.75
1691	550959.22	1256346.38	350959.22	2256346.38

1692	550929.38	1256420.07	350929.38	2256420.07
1693	550914.25	1256469.81	350914.25	2256469.81
1694	550952.33	1256515.46	350952.33	2256515.46
1695	551023.64	1256608.87	351023.64	2256608.87
1696	551502.79	1257236.51	351502.79	2257236.51
1697	551442.27	1257285.29	351442.27	2257285.29
1698	551044.62	1257573.97	351044.62	2257573.97
1699	551078.90	1257623.87	351078.90	2257623.87
1700	551165.7	1257740.87	351165.7	2257740.87
1701	551237.63	1257838.31	351237.63	2257838.31
1702	551219.69	1257862.28	351219.69	2257862.28
1703	551199.26	1257873.46	351199.26	2257873.46
1704	551190.41	1257900.45	351190.41	2257900.45
1705	551198.49	1257941.67	351198.49	2257941.67
1706	551193.48	1257982.54	351193.48	2257982.54
1707	551178.85	1258023.76	351178.85	2258023.76
1708	551150.32	1258061.54	351150.32	2258061.54
1709	551127.97	1258080.42	351127.97	2258080.42
1710	551085.19	1258090.82	351085.19	2258090.82
1711	551039.71	1258088.51	351039.71	2258088.51
1712	550980.75	1258075.03	350980.75	2258075.03
1713	550953.39	1258086.20	350953.39	2258086.20
1714	550941.82	1258112.79	350941.82	2258112.79
1715	550951.84	1258156.73	350951.84	2258156.73
1716	550943.37	1258182.55	350943.37	2258182.55
1717	550917.93	1258197.96	350917.93	2258197.96
1718	550864.37	1258191.79	350864.37	2258191.79
1719	550833.14	1258194.49	350833.14	2258194.49
1720	550798.47	1258233.03	350798.47	2258233.03
1721	550750.67	1258236.88	350750.67	2258236.88
1722	550627.4	1258165.51	350627.4	2258165.51
1722	550584.45	1258126.91	350584.45	2258126.91
1724	550566.87	1258099.74	350566.87	2258099.74
1725	550573.26	1258054.06	350573.26	2258054.06

1726	550565.73	1258033.29	350565.73	2258033.29
1727	550537.18	1258013.64	350537.18	2258013.64
1728	550494.02	1257976.18	350494.02	2257976.18
1729	550462.96	1257941.02	350462.96	2257941.02
1730	550460.44	1257919.54	350460.44	2257919.54
1731	550468.44	1257897.86	350468.44	2257897.86
1732	550499.04	1257864.50	350499.04	2257864.50
1733	550512.97	1257840.52	350512.97	2257840.52
1734	550519.59	1257800.56	350519.59	2257800.56
1735	550522.34	1257707.61	350522.34	2257707.61
1736	550499.95	1257670.38	350499.95	2257670.38
1737	550452.91	1257635.44	350452.91	2257635.44
1738	550428.47	1257627.68	350428.47	2257627.68
1739	550412.48	1257634.07	350412.48	2257634.07
1740	550405.87	1257651.88	350405.87	2257651.88
1741	550412.03	1257720.18	350412.03	2257720.18
1742	550401.53	1257751.00	350401.53	2257751.00
1743	550387.14	1257769.73	350387.14	2257769.73
1744	550367.49	1257779.55	350367.49	2257779.55
1745	550335.98	1257781.83	350335.98	2257781.83
1746	550291.34	1257803.08	350291.34	2257803.08
1747	550260.51	1257807.18	350260.51	2257807.18
1748	550239.73	1257801.01	350239.73	2257801.01
1749	550184.91	1257805.35	350184.91	2257805.35
1750	550156.14	1257794.39	350156.14	2257794.39
1751	550122.10	1257790.28	350122.10	2257790.28
1752	550099.73	1257794.84	350099.73	2257794.84
1753	550090.13	1257813.57	350090.13	2257813.57
1754	550104.52	1257859.02	350104.52	2257859.02
1755	550131.70	1257920.91	350131.70	2257920.91
1756	550145.87	1257968.41	350145.87	2257968.41
1757	550137.41	1258008.15	350137.41	2258008.15
1758	550104.98	1258092.88	350104.98	2258092.88
1759	550082.59	1258121.89	350082.59	2258121.89

1760	550057.93	1258135.59	350057.93	2258135.59
1761	550022.08	1258125.31	350022.08	2258125.31
1762	549992.62	1258130.79	349992.62	2258130.79
1763	549925.93	1258170.76	349925.93	2258170.76
1764	549919.58	1258187.81	349919.58	2258187.81
1765	549928.35	1258205.36	349928.35	2258205.36
1766	549963.04	1258259.07	349963.04	2258259.07
1767	549979.37	1258265.99	349979.37	2258265.99
1768	550012.48	1258288.61	350012.48	2258288.61
1769	550025.96	1258316.70	350025.96	2258316.70
1770	550064.55	1258361.00	350064.55	2258361.00
1771	550077.11	1258395.26	350077.11	2258395.26
1772	550055.42	1258420.83	350055.42	2258420.83
1773	550037.61	1258480.91	350037.61	2258480.91
1774	550042.87	1258512.64	350042.87	2258512.64
1775	550043.65	1258528.35	350043.65	2258528.35
1776	550030.75	1258590.52	350030.75	2258590.52
1777	550023.93	1258608.50	350023.93	2258608.50
1778	549987.09	1258671.21	349987.09	2258671.21
1779	549962.86	1258695.48	349962.86	2258695.48
1780	549952.42	1258704.71	349952.42	2258704.71
1781	549928.59	1258711.28	349928.59	2258711.28
1782	549919.30	1258715.67	349919.30	2258715.67
1783	549896.47	1258710.65	349896.47	2258710.65
1784	549873.64	1258700.29	349873.64	2258700.29
1785	549859.24	1258685.30	349859.24	2258685.30
1786	549822.25	1258637.27	349822.25	2258637.27
1787	549795.88	1258627.29	349795.88	2258627.29
1788	549723.03	1258638.88	349723.03	2258638.88
1789	549701.37	1258636.46	349701.37	2258636.46
1790	549689.78	1258630.04	349689.78	2258630.04
1791	549627.66	1258579.33	349627.66	2258579.33
1792	549605.05	1258538.90	349605.05	2258538.90
1793	549601.44	1258475.45	349601.44	2258475.45

1794	549586.33	1258447.55	349586.33	2258447.55
1795	549557.32	1258436.82	349557.32	2258436.82
1796	549525.42	1258437.44	349525.42	2258437.44
1797	549483.50	1258461.50	349483.50	2258461.50
1798	549426.87	1258517.09	349426.87	2258517.09
1799	549406.37	1258558.50	349406.37	2258558.50
1800	549401.00	1258606.27	349401.00	2258606.27
1801	549403.13	1258648.60	349403.13	2258648.60
1802	549393.69	1258680.57	349393.69	2258680.57
1803	549372.73	1258695.72	349372.73	2258695.72
1804	549332.76	1258704.03	349332.76	2258704.03
1805	549299.62	1258717.27	349299.62	2258717.27
1806	549283.19	1258726.33	349283.19	2258726.33
1807	549249.85	1258741.99	349249.85	2258741.99
1808	549216.88	1258744.57	349216.88	2258744.57
1809	549198.25	1258741.40	349198.25	2258741.40
1810	549138.40	1258709.43	349138.40	2258709.43
1811	549116.48	1258688.41	349116.48	2258688.41
1812	549113.82	1258664.64	349113.82	2258664.64
1813	549108.04	1258651.08	349108.04	2258651.08
1814	549075.38	1258617.62	349075.38	2258617.62
1815	549040.76	1258605.57	349040.76	2258605.57
1816	549024.57	1258603.98	349024.57	2258603.98
1817	548992.20	1258619.71	348992.20	2258619.71
1818	548957.08	1258650.05	348957.08	2258650.05
1819	548937.64	1258649.24	348937.64	2258649.24
1820	548919.61	1258647.31	348919.61	2258647.31
1821	548874.85	1258621.27	348874.85	2258621.27
1822	548868.14	1258607.69	348868.14	2258607.69
1823	548864.90	1258446.58	348864.90	2258446.58
1824	548844.54	1258397.61	348844.54	2258397.61
1825	548824.10	1258364.64	348824.10	2258364.64
1826	548814.88	1258349.77	348814.88	2258349.77
1827	548770.46	1258304.55	348770.46	2258304.55

1828	548765.38	1258249.04	348765.38	2258249.04
1829	548717.48	1258213.8	348717.48	2258213.8
1830	548684.29	1258208.94	348684.29	2258208.94
1831	548660.54	1258215.64	348660.54	2258215.64
1832	548619.31	1258260.87	348619.31	2258260.87
1833	548611.34	1258273.02	348611.34	2258273.02
1834	548592.33	1258312.78	348592.33	2258312.78
1835	548566.75	1258338.95	348566.75	2258338.95
1836	548546.65	1258342.92	348546.65	2258342.92
1837	548497.02	1258332.26	348497.02	2258332.26
1838	548445.25	1258313.99	348445.25	2258313.99
1839	548414.81	1258289.32	348414.81	2258289.32
1840	548378.26	1258246.38	348378.26	2258246.38
1841	548350.86	1258230.86	348350.86	2258230.86
1842	548322.84	1258230.55	348322.84	2258230.55
1843	548295.83	1258240.47	348295.83	2258240.47
1844	548262.24	1258281.71	348262.24	2258281.71
1845	548247.02	1258328.30	348247.02	2258328.30
1846	548243.06	1258356.01	348243.06	2258356.01
1847	548248.24	1258409.00	348248.24	2258409.00
1848	548243.06	1258432.74	348243.06	2258432.74
1849	548224.48	1258453.46	348224.48	2258453.46
1850	548164.8	1258481.17	348164.8	2258481.17
1851	548137.09	1258510.70	348137.09	2258510.70
1852	548136.48	1258539.93	348136.48	2258539.93
1853	548150.49	1258561.86	348150.49	2258561.86
1854	548158.99	1258591.96	348158.99	2258591.96
1855	548149.45	1258624.21	348149.45	2258624.21
1856	548113.84	1258658.46	348113.84	2258658.46
1857	548085.05	1258711.91	348085.05	2258711.91
1858	548073.63	1258763.51	348073.63	2258763.51
1859	548081.85	1258842.08	348081.85	2258842.08
1860	548069.53	1258887.75	348069.53	2258887.75
1861	548038.02	1258924.75	348038.02	2258924.75

1862	548016.55	1258974.09	348016.55	2258974.09
1863	548023.86	1259020.67	348023.86	2259020.67
1864	548019.74	1259050.36	348019.74	2259050.36
1865	547996.91	1259067.71	347996.91	2259067.71
1866	547954.88	1259078.68	347954.88	2259078.68
1867	547894.58	1259106.08	347894.58	2259106.08
1868	547901.89	1259142.62	347901.89	2259142.62
1869	547935.21	1259160.34	347935.21	2259160.34
1870	547959.48	1259150.74	347959.48	2259150.74
1871	547991.48	1259148.74	347991.48	2259148.74
1872	548018.98	1259167.07	348018.98	2259167.07
1873	548077.48	1259186.24	348077.48	2259186.24
1874	548143.31	1259216.24	348143.31	2259216.24
1875	548171.63	1259236.57	348171.63	2259236.57
1876	548196.81	1259259.24	348196.81	2259259.24
1877	548208.81	1259279.91	348208.81	2259279.91
1878	548211.15	1259292.57	348211.15	2259292.57
1879	548216.12	1259317.77	348216.12	2259317.77
1880	548216.88	1259328.03	348216.88	2259328.03
1881	548217.43	1259339.16	348217.43	2259339.16
1882	548205.18	1259370.74	348205.18	2259370.74
1883	548180.17	1259398.33	348180.17	2259398.33
1884	548156.96	1259439.67	348156.96	2259439.67
1885	548119.32	1259485.82	348119.32	2259485.82
1886	548051.61	1259543.22	348051.61	2259543.22
1887	548045.95	1259631.15	348045.95	2259631.15
1888	548028.74	1259707.75	348028.74	2259707.75
1889	548027.83	1259767.41	348027.83	2259767.41
1890	548010.93	1259822.93	348010.93	2259822.93
1891	548008.59	1259917.49	348008.59	2259917.49
1892	548000.33	1259967.16	348000.33	2259967.16
1893	548041.84	1260094.80	348041.84	2260094.80
1894	548063.58	1260125.98	348063.58	2260125.98
1895	548075.12	1260147.45	348075.12	2260147.45

1896	548097.14	1260202.29	348097.14	2260202.29
1897	548122.64	1260254.31	348122.64	2260254.31
1898	548120.75	1260326.76	348120.75	2260326.76
1899	548137.31	1260359.94	348137.31	2260359.94
1900	548143.87	1260399.44	348143.87	2260399.44
1901	548182.81	1260540.44	348182.81	2260540.44
1902	548481.46	1260602.81	348481.46	2260602.81
1903	548471.63	1260728.89	348471.63	2260728.89
1904	548996.33	1260802.25	348996.33	2260802.25
1905	548985.99	1260870.62	348985.99	2260870.62
1906	548980.23	1260908.82	348980.23	2260908.82
1907	548947.40	1261126.83	348947.40	2261126.83
1908	548951.86	1261139.35	348951.86	2261139.35
1909	549126.53	1261167.54	349126.53	2261167.54
1910	549079.77	1261495.36	349079.77	2261495.36
1911	549068.58	1261523.05	349068.58	2261523.05
1912	549071.78	1261531.11	349071.78	2261531.11
1913	549071.52	1261536.84	349071.52	2261536.84
1914	549082.89	1261535.27	349082.89	2261535.27
1915	549085.98	1261546.96	349085.98	2261546.96
1916	549091.31	1261567.18	349091.31	2261567.18
1917	549098.43	1261564.02	349098.43	2261564.02
1918	549105.27	1261559.36	349105.27	2261559.36
1919	549119.37	1261554.66	349119.37	2261554.66
1920	549197.52	1261543.67	349197.52	2261543.67
1921	549279.04	1261530.76	349279.04	2261530.76
1922	549332.62	1261520.61	349332.62	2261520.61
1923	549361.64	1261514.55	349361.64	2261514.55
1924	549403.16	1261505.39	349403.16	2261505.39
1925	549446.02	1261494.83	349446.02	2261494.83
1926	549505.17	1261478.76	349505.17	2261478.76
1927	549558.86	1261463.46	349558.86	2261463.46
1928	549899.52	1261363.15	349899.52	2261363.15
1929	550029.43	1261325.25	350029.43	2261325.25

1930	550304.76	1261244.02	350304.76	2261244.02
1931	550882.58	1261075.92	350882.58	2261075.92
1932	551087.31	1261016.22	351087.31	2261016.22
1933	551082.20	1261036.77	351082.20	2261036.77
1934	551088.78	1261040.51	351088.78	2261040.51
1935	551060.69	1261131.76	351060.69	2261131.76
1936	551032.63	1261256.62	351032.63	2261256.62
1937	550989.30	1261503.42	350989.30	2261503.42
1938	550946.87	1261802.00	350946.87	2261802.00
1939	550872.92	1262372.73	350872.92	2262372.73
1940	550888.14	1262608.46	350888.14	2262608.46
1941	550901.87	1262801.2	350901.87	2262801.2
1942	550901.59	1262816.66	350901.59	2262816.66
1943	550896.59	1262890.17	350896.59	2262890.17
1944	550928.28	1262993.99	350928.28	2262993.99
1945	551062.37	1263133.52	351062.37	2263133.52
1946	551208.30	1263300.54	351208.30	2263300.54
1947	551266.39	1263452.98	351266.39	2263452.98
1948	551477.31	1263464.17	351477.31	2263464.17
1949	551854.77	1263488.30	351854.77	2263488.30
1950	552249.98	1263522.20	352249.98	2263522.20
1951	552240.66	1263606.07	352240.66	2263606.07
1952	552231.70	1263683.85	352231.70	2263683.85
1953	552160.61	1263967.10	352160.61	2263967.10
1954	552115.37	1264574.66	352115.37	2264574.66
1955	552088.35	1265065.7	352088.35	2265065.7
1956	552085.78	1265102.91	352085.78	2265102.91
1957	552085.68	1265110.94	352085.68	2265110.94
1958	552097.96	1265416.16	352097.96	2265416.16
1959	552177.25	1266471.27	352177.25	2266471.27
1960	552177.34	1266471.87	352177.34	2266471.87
1961	552181.25	1266520.28	352181.25	2266520.28
1962	552185.91	1266596.84	352185.91	2266596.84
1963	552202.00	1266863.53	352202.00	2266863.53

1964	552218.77	1267141.54	352218.77	2267141.54
1965	552288.67	1267818.47	352288.67	2267818.47
1966	551575.32	1267975.72	351575.32	2267975.72
1967	551575.57	1267979.89	351575.57	2267979.89
1968	551577.36	1268026.78	351577.36	2268026.78
1969	551571.09	1268045.74	351571.09	2268045.74
1970	551563.47	1268093.30	351563.47	2268093.30
1971	551586.33	1268153.66	351586.33	2268153.66
1972	551598.83	1268206.10	351598.83	2268206.10
1973	551597.61	1268248.48	351597.61	2268248.48
1974	551547.92	1268328.96	351547.92	2268328.96
1975	551539.69	1268379.88	351539.69	2268379.88
1976	551545.17	1268426.52	351545.17	2268426.52
1977	551526.88	1268496.03	351526.88	2268496.03
1978	551535.45	1268586.03	351535.45	2268586.03
1979	551550.55	1268646.97	351550.55	2268646.97
1980	551598.60	1268757.07	351598.60	2268757.07
1981	551602.56	1268809.81	351602.56	2268809.81
1982	551615.06	1268838.47	351615.06	2268838.47
1983	551625.73	1268888.47	351625.73	2268888.47
1984	551631.83	1268960.11	351631.83	2268960.11
1985	551626.04	1269006.76	351626.04	2269006.76
1986	551642.81	1269069.86	351642.81	2269069.86
1987	551629.39	1269131.45	351629.39	2269131.45
1988	551637.32	1269179.62	351637.32	2269179.62
1989	551617.50	1269269.86	351617.50	2269269.86
1990	551621.47	1269400.34	351621.47	2269400.34
1991	551637.62	1269466.50	351637.62	2269466.50
1992	551671.77	1269519.85	351671.77	2269519.85
1993	551662.93	1269569.24	351662.93	2269569.24
1994	551679.39	1269595.15	351679.39	2269595.15
1995	551670.55	1269608.57	351670.55	2269608.57
1996	551672.68	1269622.13	351672.68	2269622.13
1997	551655.00	1269648.65	351655.00	2269648.65

1998	551684.57	1269667.25	351684.57	2269667.25
1999	551690.67	1269683.40	351690.67	2269683.40
2000	551683.05	1269699.56	351683.05	2269699.56
2001	551637.62	1269726.09	351637.62	2269726.09
2002	551611.10	1269758.40	351611.10	2269758.40
2003	551602.26	1269797.12	351602.26	2269797.12
2004	551606.22	1269829.74	351606.22	2269829.74
2005	551630.61	1269864.19	351630.61	2269864.19
2006	551675.44	1269945.86	351675.44	2269945.86
2007	551688.31	1270033.44	351688.31	2270033.44
2008	551709.21	1270062.64	351709.21	2270062.64
2009	551767.04	1270139.44	351767.04	2270139.44
2010	551824.48	1270209.52	351824.48	2270209.52
2011	551842.19	1270229.78	351842.19	2270229.78
2012	552036.57	1270475.03	352036.57	2270475.03
2013	552122.10	1270582.95	352122.10	2270582.95
2014	552201.78	1270688.74	352201.78	2270688.74
2015	552190.99	1270745.12	352190.99	2270745.12
2016	552129.73	1270835.88	352129.73	2270835.88
2017	552041.24	1270882.77	352041.24	2270882.77
2018	551882.41	1270891.09	351882.41	2270891.09
2019	551757.62	1270903.95	351757.62	2270903.95
2020	551572.33	1270964.45	351572.33	2270964.45
2021	551474.76	1271035.55	351474.76	2271035.55
2022	551420.31	1271108.91	351420.31	2271108.91
2023	551414.26	1271172.44	351414.26	2271172.44
2024	551434.68	1271212.52	351434.68	2271212.52
2025	551474.01	1271235.21	351474.01	2271235.21
2026	551562.49	1271230.67	351562.49	2271230.67
2027	551812.28	1271157.90	351812.28	2271157.90
2028	551869.76	1271176.05	351869.76	2271176.05
2029	551902.53	1271216.39	351902.53	2271216.39
2030	551918.66	1271305.63	351918.66	2271305.63
2031	551908.58	1271390.85	351908.58	2271390.85

2032	551868.52	1271468.27	351868.52	2271468.27
2033	551911.63	1271536.71	351911.63	2271536.71
2034	551925.51	1271565.63	351925.51	2271565.63
2035	552042.76	1271815.64	352042.76	2271815.64
2036	552152.55	1272044.92	352152.55	2272044.92
2037	552200.54	1272046.05	352200.54	2272046.05
2038	552301.69	1272242.86	352301.69	2272242.86
2039	552453.41	1272381.25	352453.41	2272381.25
2040	552633.32	1272362.12	352633.32	2272362.12
2041	552689.09	1272356.16	352689.09	2272356.16
2042	552696.31	1272355.39	352696.31	2272355.39
2043	552692.35	1272393.79	352692.35	2272393.79
2044	552641.78	1272665.99	352641.78	2272665.99
2045	552640.36	1272673.95	352640.36	2272673.95
2046	552629.66	1272734.77	352629.66	2272734.77
2047	552624.91	1272899.47	352624.91	2272899.47
2048	552618.04	1272904.52	352618.04	2272904.52
2049	552604.72	1272906.11	352604.72	2272906.11
2050	552563.73	1272933.54	352563.73	2272933.54
2051	552530.76	1272969.36	352530.76	2272969.36
2052	552514.4	1272994.82	352514.4	2272994.82
2053	552514.71	1273042.57	352514.71	2273042.57
2054	552605.89	1273153.28	352605.89	2273153.28
2055	552655.98	1273160.29	352655.98	2273160.29
2056	552691.07	1273161.50	352691.07	2273161.50
2057	552722.65	1273180.88	352722.65	2273180.88
2058	552742.37	1273179.09	352742.37	2273179.09
2059	552767.86	1273155.53	352767.86	2273155.53
2060	552791.16	1273157.03	352791.16	2273157.03
2061	552810.88	1273172.86	352810.88	2273172.86
2062	552833.19	1273230.10	352833.19	2273230.10
2063	552872.99	1273227.02	352872.99	2273227.02
2064	552919.31	1273240.46	352919.31	2273240.46
2065	552942.61	1273268.25	352942.61	2273268.25

2066	552958.75	1273304.40	352958.75	2273304.40
2067	552933.64	1273352.21	352933.64	2273352.21
2068	552937.84	1273387.17	352937.84	2273387.17
2069	552960.24	1273406.89	352960.24	2273406.89
2070	553005.95	1273389.86	353005.95	2273389.86
2071	553034.93	1273414.66	353034.93	2273414.66
2072	553046.60	1273471.43	353046.60	2273471.43
2073	553065.11	1273493.24	353065.11	2273493.24
2074	553072.88	1273524.31	353072.88	2273524.31
2075	553090.21	1273550.91	353090.21	2273550.91
2076	553102.76	1273588.55	353102.76	2273588.55
2077	553121.58	1273631.29	353121.58	2273631.29
2078	553144.04	1273678.36	353144.04	2273678.36
2079	553071.12	1274185.29	353071.12	2274185.29
2080	553064.82	1274269.84	353064.82	2274269.84
2081	553069.57	1274327.98	353069.57	2274327.98
2082	553081.15	1274494.85	353081.15	2274494.85
2083	553095.63	1274711.94	353095.63	2274711.94
2084	553111.87	1274947.31	353111.87	2274947.31
2085	553186.59	1275092.88	353186.59	2275092.88
2086	553236.11	1275190.67	353236.11	2275190.67
2087	553387.75	1275477.55	353387.75	2275477.55
2088	553369.93	1275501.70	353369.93	2275501.70
2089	553174.83	1275746.37	353174.83	2275746.37
2090	553049.67	1275900.78	353049.67	2275900.78
2091	553037.72	1276063.42	353037.72	2276063.42
2092	553030.65	1276169.66	353030.65	2276169.66
2093	553024.99	1276226.00	353024.99	2276226.00
2094	553012.32	1276413.65	353012.32	2276413.65
2095	553001.15	1276573.77	353001.15	2276573.77
2096	552996.00	1276633.16	352996.00	2276633.16
2097	552966.49	1276928.61	352966.49	2276928.61
2098	552924.70	1277330.87	352924.70	2277330.87
2099	552914.4	1277428.27	352914.4	2277428.27

2100	552895.93	1277613.55	352895.93	2277613.55
2101	552850.93	1277710.24	352850.93	2277710.24
2102	552708.44	1277939.16	352708.44	2277939.16
2103	552641.44	1278210.05	352641.44	2278210.05
2104	552609.3	1278291.72	352609.3	2278291.72
2105	552444.65	1278421.64	352444.65	2278421.64
2106	552208.61	1278584.64	352208.61	2278584.64
2107	552200.18	1278633.60	352200.18	2278633.60
2108	552182.81	1278633.60	352182.81	2278633.60
2109	552168.64	1278651.01	352168.64	2278651.01
2110	552163.31	1278699.85	352163.31	2278699.85
2111	552135.24	1278775.07	352135.24	2278775.07
2112	552143.81	1278846.44	352143.81	2278846.44
2113	552160.68	1278864.63	352160.68	2278864.63
2114	552184.62	1278873.66	352184.62	2278873.66
2115	552198.13	1279032.50	352198.13	2279032.50
2116	552211.64	1279205.59	352211.64	2279205.59
2117	552226.79	1279411.65	352226.79	2279411.65
2118	552243.44	1279643.38	352243.44	2279643.38
2119	552242.76	1279965.75	352242.76	2279965.75
2120	552290.48	1280447.84	352290.48	2280447.84
2121	552203.49	1280723.32	352203.49	2280723.32
2122	552131.84	1280917.03	352131.84	2280917.03
2123	552113.20	1280967.38	352113.20	2280967.38
2124	552101.08	1281000.26	352101.08	2281000.26
2125	552023.54	1281185.94	352023.54	2281185.94
2126	552004.55	1281208.40	352004.55	2281208.40
2127	551850.84	1281374.22	351850.84	2281374.22
2128	551742.52	1281571.09	351742.52	2281571.09
2129	551714.78	1281630.87	351714.78	2281630.87
2130	551685.86	1281712.43	351685.86	2281712.43
2131	551636.64	1281862.95	351636.64	2281862.95
2132	551584.75	1282033.58	351584.75	2282033.58
2133	551500.78	1282313.96	351500.78	2282313.96

2134	551451.74	1282516.29	351451.74	2282516.29
2135	551325.33	1283037.84	351325.33	2283037.84
2136	551362.23	1283083.54	351362.23	2283083.54
2137	551517.54	1283266.46	351517.54	2283266.46
2138	551648.22	1283419.06	351648.22	2283419.06
2139	551661.80	1283432.86	351661.80	2283432.86
2140	551852.68	1283653.44	351852.68	2283653.44
2141	552006.77	1283829.68	352006.77	2283829.68
2142	552015.83	1283838.51	352015.83	2283838.51
2143	552066.76	1283898.46	352066.76	2283898.46
2144	552365.40	1284242.78	352365.40	2284242.78
2145	552537.94	1284440.10	352537.94	2284440.10
2146	552633.42	1284549.30	352633.42	2284549.30
2147	552634.77	1284565.80	352634.77	2284565.80
2148	552720.14	1285367.84	352720.14	2285367.84
2149	552739.26	1285556.41	352739.26	2285556.41
2150	552789.57	1285568.28	352789.57	2285568.28
2151	553080.30	1285648.45	353080.30	2285648.45
2152	553130.10	1285662.78	353130.10	2285662.78
2153	553500.36	1285748.95	353500.36	2285748.95
2154	553478.86	1285799.63	353478.86	2285799.63
2155	553363.93	1286056.10	353363.93	2286056.10
2156	552957.60	1286107.22	352957.60	2286107.22
2157	552923.65	1286150.66	352923.65	2286150.66
2158	552869.10	1286226.25	352869.10	2286226.25
2159	552863.22	1286231.45	352863.22	2286231.45
2160	552675.12	1286358.73	352675.12	2286358.73
2161	552664.43	1286366.37	352664.43	2286366.37
2162	552656.71	1286378.46	352656.71	2286378.46
2163	552653.94	1286456.06	352653.94	2286456.06
2164	552654.33	1286482.98	352654.33	2286482.98
2165	552639.28	1286512.28	352639.28	2286512.28
2166	552586.60	1286595.02	352586.60	2286595.02
2167	552568.77	1286626.30	352568.77	2286626.30

2168	552562.04	1286640.15	352562.04	2286640.15
2169	552556.49	1286685.68	352556.49	2286685.68
2170	552554.95	1286704.49	352554.95	2286704.49
2171	552551.33	1286717.38	352551.33	2286717.38
2172	552544.76	1286728.02	352544.76	2286728.02
2173	552523.71	1286751.54	352523.71	2286751.54
2174	552520.77	1286759.69	352520.77	2286759.69
2175	552520.31	1286772.58	352520.31	2286772.58
2176	552521.45	1286781.41	352521.45	2286781.41
2177	552541.37	1286810.59	352541.37	2286810.59
2178	552603.71	1286913.90	352603.71	2286913.90
2179	552645.70	1287005.75	352645.70	2287005.75
2180	552697.88	1287110.47	352697.88	2287110.47
2181	552719.67	1287169.46	352719.67	2287169.46
2182	552704.62	1287179.75	352704.62	2287179.75
2183	552656.69	1287209.84	352656.69	2287209.84
2184	552194.41	1287506.90	352194.41	2287506.90
2185	552076.13	1287582.35	352076.13	2287582.35
2186	551905.37	1287690.21	351905.37	2287690.21
2187	551547.50	1287918.85	351547.50	2287918.85
2188	551464.32	1287971.54	351464.32	2287971.54
2189	551370.86	1288032.00	351370.86	2288032.00
2190	551351.62	1288044.67	351351.62	2288044.67
2191	551378.33	1288083.81	351378.33	2288083.81
2192	551390.55	1288101.68	351390.55	2288101.68
2193	551406.17	1288135.39	351406.17	2288135.39
2194	551472.33	1288276.55	351472.33	2288276.55
2195	551509.56	1288365.63	351509.56	2288365.63
2196	551531.35	1288445.21	351531.35	2288445.21
2197	551548.08	1288514.79	351548.08	2288514.79
2198	551554.42	1288584.07	351554.42	2288584.07
2199	551559.97	1288649.4	351559.97	2288649.4
2200	551546.00	1288695.65	351546.00	2288695.65
2201	551549.04	1288816.38	351549.04	2288816.38

2202	551542.61	1288852.92	351542.61	2288852.92
2203	551459.10	1289327.32	351459.10	2289327.32
2204	551447.97	1289326.92	351447.97	2289326.92
2205	551434.15	1289384.6	351434.15	2289384.6
2206	551354.3	1289587.18	351354.3	2289587.18
2207	551219.77	1289560.92	351219.77	2289560.92
2208	551197.81	1289674.94	351197.81	2289674.94
2209	551256.67	1289657.52	351256.67	2289657.52
2210	551252.59	1289693.26	351252.59	2289693.26
2211	551230.40	1289862.29	351230.40	2289862.29
2212	551203.81	1290055.43	351203.81	2290055.43
2213	551186.16	1290168.94	351186.16	2290168.94
2214	551177.88	1290229.83	351177.88	2290229.83
2215	551164.14	1290334.28	351164.14	2290334.28
2216	551153.29	1290412.54	351153.29	2290412.54
2217	551164.81	1290456.76	351164.81	2290456.76
2218	551168.04	1290468.91	351168.04	2290468.91
2219	551226.56	1290681.09	351226.56	2290681.09
2220	551231.76	1290827.82	351231.76	2290827.82
2221	551236.95	1290971.94	351236.95	2290971.94
2222	551246.06	1291140.03	351246.06	2291140.03
2223	551254.27	1291302.27	351254.27	2291302.27
2224	551264.97	1291478.85	351264.97	2291478.85
2225	551265.35	1291484.08	351265.35	2291484.08
2226	551272.14	1291589.96	351272.14	2291589.96
2227	551276.43	1291641.19	351276.43	2291641.19
2228	551282.77	1291720.14	351282.77	2291720.14
2229	551297.30	1291855.23	351297.30	2291855.23
2230	551307.97	1292099.87	351307.97	2292099.87
2231	551320.44	1292453.17	351320.44	2292453.17
2232	551330.25	1292756.54	351330.25	2292756.54
2233	551347.93	1293190.70	351347.93	2293190.70
2234	551366.78	1293610.80	351366.78	2293610.80