



ПОСТАНОВЛЕНИЕ

ПРАВИТЕЛЬСТВА ЛИПЕЦКОЙ ОБЛАСТИ

17 января 2024 года

г. Липецк

№ 27

Об установлении местоположения береговых линий (границ водного объекта), границ водоохранных зон и границ прибрежных защитных полос реки Сосна

В целях осуществления переданных полномочий Российской Федерации в области водных отношений по осуществлению мер по охране водных объектов или их частей, находящихся в федеральной собственности и расположенных на территориях субъектов Российской Федерации, в соответствии со статьей 65 Водного кодекса Российской Федерации, постановлением Правительства Российской Федерации от 10 января 2009 года № 17 «Об утверждении Правил установления границ водоохранных зон и границ прибрежных защитных полос водных объектов», постановлением Правительства Российской Федерации от 29 апреля 2016 года № 377 «Об утверждении Правил определения местоположения береговой линии (границы водного объекта), случаев и периодичности ее определения и о внесении изменений в Правила установления на местности границ водоохранных зон и границ прибрежных защитных полос водных объектов» Правительство Липецкой области постановляет:

1. Установить местоположение береговой линии (границы водного объекта) участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км по правому берегу и 50 км по левому берегу, расположенной на территории Липецкой области (приложение 1).
2. Установить ширину водоохранной зоны р. Сосна в размере 200 м.
3. Установить ширину прибрежной защитной полосы р. Сосна в размере 50 м для уклона берега три и более градуса.
4. Установить границу водоохранной зоны участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км по правому берегу и 50 км

по левому берегу, расположенной на территории Липецкой области (приложение 2).

5. Установить границу прибрежной защитной полосы участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км по правому берегу и 50 км по левому берегу, расположенной на территории Липецкой области (приложение 3).

Губернатор
Липецкой области



И.Г. Артамонов

Приложение 1
к постановлению
Правительства Липецкой области
«Об установлении местоположения
береговых линий (границ водного объекта),
границ водоохранных зон и границ
прибрежных защитных полос реки Сосна»

Местоположение береговой линии (границы водного объекта)
участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км
по правому берегу и 50 км по левому берегу, расположенной на территории
Липецкой области

Местоположение береговой линии (границы водного объекта) участка
р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км по правому
берегу и 50 км по левому берегу, расположенной на территории Липецкой
области, определено в соответствии характерными точками береговой линии
(границы водного объекта) участка р. Сосна от устья р. Воргол до устья р. Сосна,
протяженностью 50 км по правому берегу и 50 км по левому берегу,
расположенной на территории Липецкой области, приведенными в таблице.

Сведения о характерных точках береговой линии
(границы водного объекта) участка р. Сосна от устья р. Воргол до устья
р. Сосна, протяженностью 50 км по правому берегу и 50 км по левому берегу,
расположенной на территории Липецкой области

Таблица

№ опорной точки	X_МСК - 48	Y_МСК - 48	X_WGS - 84	Y_WGS - 84
9	409877	1248073,44	52°31'59.473"	38°27'11.945"
18	409976,09	1248135,24	52°32'2.681"	38°27'15.221"
27	410067,84	1248190,2	52°32'5.651"	38°27'18.137"
36	410266,47	1248308,18	52°32'12.077"	38°27'24.390"
45	410426,11	1248383,09	52°32'17.243"	38°27'28.361"
54	410523,94	1248419,37	52°32'20.407"	38°27'30.287"
63	410660,92	1248455,05	52°32'24.839"	38°27'32.177"
72	410731,12	1248472,34	52°32'27.110"	38°27'33.091"
81	410797,23	1248484,61	52°32'29.249"	38°27'33.743"
90	410916,97	1248499,29	52°32'33.126"	38°27'34.517"
99	411096,63	1248505,46	52°32'38.936"	38°27'34.844"
108	411236,5	1248490,16	52°32'43.462"	38°27'34.027"
117	411423,5	1248480,12	52°32'49.510"	38°27'33.494"
126	411515,08	1248469,06	52°32'52.472"	38°27'32.904"
135	411640,52	1248454,95	52°32'56.533"	38°27'32.152"

144	411732,61	1248448,85	52°32'59.510"	38°27'31.828"
153	411904,05	1248437,06	52°33'5.058"	38°27'31.198"
162	412016,08	1248437,97	52°33'8.683"	38°27'31.244"
171	412130,1	1248434,97	52°33'12.370"	38°27'31.082"
180	412276,96	1248417,45	52°33'17.122"	38°27'30.150"
189	412382,92	1248396,07	52°33'20.549"	38°27'29.016"
198	412492,88	1248368,87	52°33'24.106"	38°27'27.569"
207	412611,54	1248341,49	52°33'27.943"	38°27'26.114"
216	412775,97	1248326,48	52°33'33.264"	38°27'25.312"
225	412726,39	1248345,95	52°33'31.658"	38°27'26.348"
234	412788,28	1248353,58	52°33'33.664"	38°27'26.752"
243	412842,25	1248338,75	52°33'35.410"	38°27'25.963"
252	412888,77	1248326,92	52°33'36.914"	38°27'25.333"
261	412972,14	1248318,4	52°33'39.611"	38°27'24.880"
270	413164,89	1248352,44	52°33'45.846"	38°27'26.683"
279	413275,05	1248396,16	52°33'49.410"	38°27'29.002"
288	413338,42	1248414,82	52°33'51.462"	38°27'29.992"
297	413448,13	1248461,54	52°33'55.012"	38°27'32.472"
306	413562,76	1248521,89	52°33'58.720"	38°27'35.672"
315	413687,39	1248589,98	52°34'2.752"	38°27'39.287"
324	413843,24	1248678,94	52°34'7.795"	38°27'44.006"
333	413925,64	1248729,74	52°34'10.463"	38°27'46.703"
342	414003,02	1248773,43	52°34'12.965"	38°27'49.021"
351	414075,43	1248818,43	52°34'15.308"	38°27'51.408"
360	414158,77	1248881,07	52°34'18.005"	38°27'54.734"
369	414218,72	1248926,53	52°34'19.945"	38°27'57.146"
378	414266,32	1248966,52	52°34'21.486"	38°27'59.270"
387	414322,37	1249012,27	52°34'23.297"	38°28'1.697"
396	414373,21	1249061,91	52°34'24.942"	38°28'4.332"
405	414428,99	1249114,34	52°34'26.749"	38°28'7.118"
414	414497,32	1249190,49	52°34'28.960"	38°28'11.161"
423	414541,72	1249250,18	52°34'30.396"	38°28'14.329"
432	414580,91	1249292,04	52°34'31.663"	38°28'16.550"
441	414612	1249332,1	52°34'32.671"	38°28'18.678"
450	414620,58	1249377,92	52°34'32.948"	38°28'21.112"
459	414645,56	1249406,95	52°34'33.755"	38°28'22.652"
468	414679,35	1249447,95	52°34'34.849"	38°28'24.830"
477	414718,07	1249534,47	52°34'36.102"	38°28'29.424"
486	414759,04	1249624,94	52°34'37.427"	38°28'34.230"
495	414824,77	1249736,94	52°34'39.554"	38°28'40.177"
504	414889,75	1249833	52°34'41.657"	38°28'45.278"
513	414952,05	1249909,47	52°34'43.673"	38°28'49.339"
522	414996,76	1249988,84	52°34'45.120"	38°28'53.551"
531	415062,52	1250061,36	52°34'47.248"	38°28'57.403"
540	415142,06	1250172,78	52°34'49.822"	38°29'3.322"
549	415219,59	1250291,53	52°34'52.327"	38°29'9.629"
558	415259,37	1250371,34	52°34'53.616"	38°29'13.866"
567	415267,35	1250420,85	52°34'53.872"	38°29'16.498"
576	415282,15	1250447,73	52°34'54.350"	38°29'17.923"
585	415327,22	1250523,09	52°34'55.808"	38°29'21.926"
594	415323,08	1250609,88	52°34'55.675"	38°29'26.534"
603	415316,96	1250644,52	52°34'55.477"	38°29'28.374"
612	415361,26	1250645,04	52°34'56.910"	38°29'28.403"
621	415378,17	1250678,71	52°34'57.457"	38°29'30.192"
630	415403,03	1250706,01	52°34'58.264"	38°29'31.643"
639	415413,89	1250732,23	52°34'58.613"	38°29'33.036"
648	415433,52	1250774,47	52°34'59.246"	38°29'35.279"

657	415447,57	1250802,45	52°34'59.704"	38°29'36.766"
666	415462,56	1250843,58	52°35'0.186"	38°29'38.947"
675	415453,32	1250873,37	52°34'59.887"	38°29'40.531"
684	415415,99	1250885,52	52°34'58.681"	38°29'41.176"
693	415418,79	1250910,49	52°34'58.771"	38°29'42.504"
702	415402,55	1250939,23	52°34'58.246"	38°29'44.027"
711	415411,45	1250967,51	52°34'58.534"	38°29'45.532"
720	415428,54	1250990,57	52°34'59.084"	38°29'46.756"
729	415448,94	1251015,89	52°34'59.747"	38°29'48.098"
738	415456,58	1251066,97	52°34'59.992"	38°29'50.813"
747	415466,39	1251132,18	52°35'0.308"	38°29'54.276"
756	415486,34	1251193,12	52°35'0.953"	38°29'57.512"
765	415521,28	1251275,43	52°35'2.083"	38°30'1.886"
774	415545,64	1251337,08	52°35'2.872"	38°30'5.159"
783	415579,08	1251385,21	52°35'3.952"	38°30'7.718"
792	415606,93	1251457,51	52°35'4.855"	38°30'11.556"
801	415639,39	1251516,93	52°35'5.903"	38°30'14.713"
810	415652,01	1251566,98	52°35'6.310"	38°30'17.374"
819	415661,41	1251624,86	52°35'6.616"	38°30'20.448"
828	415670,5	1251678,01	52°35'6.907"	38°30'23.270"
837	415681,63	1251733,23	52°35'7.267"	38°30'26.204"
846	415687,13	1251795,11	52°35'7.444"	38°30'29.491"
855	415702,78	1251856,54	52°35'7.951"	38°30'32.753"
864	415729,59	1251903,95	52°35'8.819"	38°30'35.273"
873	415736,47	1251963,1	52°35'9.038"	38°30'38.416"
882	415764,74	1252033,92	52°35'9.953"	38°30'42.178"
891	415793,07	1252108,56	52°35'10.867"	38°30'46.141"
900	415814,78	1252189,42	52°35'11.569"	38°30'50.436"
909	415825,4	1252276,35	52°35'11.911"	38°30'55.055"
918	415829,39	1252337,49	52°35'12.041"	38°30'58.302"
927	415832,39	1252380,76	52°35'12.138"	38°31'0.599"
936	415836,52	1252434,41	52°35'12.268"	38°31'3.450"
945	415852,34	1252512,51	52°35'12.779"	38°31'7.597"
954	415881,73	1252544,38	52°35'13.729"	38°31'9.293"
963	415898,21	1252598,25	52°35'14.262"	38°31'12.155"
972	415926,23	1252644,52	52°35'15.169"	38°31'14.614"
981	416006,71	1252720	52°35'17.772"	38°31'18.624"
990	416079,93	1252772,43	52°35'20.137"	38°31'21.410"
999	416194,5	1252847,22	52°35'23.845"	38°31'25.388"
1008	416283,97	1252903,63	52°35'26.736"	38°31'28.387"
1017	416354,2	1252942,14	52°35'29.008"	38°31'30.436"
1026	416403,84	1252952,83	52°35'30.613"	38°31'31.004"
1035	416519,31	1252954,06	52°35'34.350"	38°31'31.073"
1044	416645,57	1252930,31	52°35'38.436"	38°31'29.816"
1053	416708,57	1252894,5	52°35'40.474"	38°31'27.916"
1062	416787,72	1252817,11	52°35'43.037"	38°31'23.804"
1071	416833,47	1252758,68	52°35'44.516"	38°31'20.701"
1080	416934,09	1252623,78	52°35'47.774"	38°31'13.537"
1089	417031,91	1252514,83	52°35'50.939"	38°31'7.752"
1098	417138,94	1252430,37	52°35'54.406"	38°31'3.266"
1107	417270,56	1252331,24	52°35'58.664"	38°30'58.003"
1116	417402,28	1252219,96	52°36'2.927"	38°30'52.096"
1125	417529,89	1252143,9	52°36'7.056"	38°30'48.056"
1134	417703,87	1252042,76	52°36'12.686"	38°30'42.685"
1143	417858,54	1251979,24	52°36'17.690"	38°30'39.316"
1152	417958,07	1251948,51	52°36'20.912"	38°30'37.685"
1161	418027,65	1251927,3	52°36'23.162"	38°30'36.558"

1170	418096,35	1251904,2	52°36'25.384"	38°30'35.330"
1179	418140,31	1251913,57	52°36'26.806"	38°30'35.831"
1188	418243,1	1251861,44	52°36'30.132"	38°30'33.062"
1197	418448,64	1251802,59	52°36'36.781"	38°30'29.938"
1206	418750,89	1251732,36	52°36'46.562"	38°30'26.212"
1215	418984,68	1251705,98	52°36'54.126"	38°30'24.815"
1224	419149,68	1251704,99	52°36'59.465"	38°30'24.764"
1233	419251,72	1251719,84	52°37'2.766"	38°30'25.556"
1242	419338,48	1251709,76	52°37'5.570"	38°30'25.020"
1251	419484,71	1251713,61	52°37'10.301"	38°30'25.229"
1260	419568,14	1251717,57	52°37'13.001"	38°30'25.441"
1269	419634,4	1251736,47	52°37'15.143"	38°30'26.446"
1278	419667,78	1251755,42	52°37'16.223"	38°30'27.454"
1287	419728,18	1251753,09	52°37'18.178"	38°30'27.331"
1296	419756,72	1251785,52	52°37'19.103"	38°30'29.056"
1305	419843,95	1251814,15	52°37'21.922"	38°30'30.578"
1314	419911,39	1251866,1	52°37'24.103"	38°30'33.343"
1323	419998,28	1251954,21	52°37'26.915"	38°30'38.027"
1332	420033,95	1252027,24	52°37'28.067"	38°30'41.911"
1341	420043,03	1252074,3	52°37'28.358"	38°30'44.413"
1350	420035,12	1252137,91	52°37'28.103"	38°30'47.794"
1359	420073,92	1252249,16	52°37'29.356"	38°30'53.708"
1368	420044,01	1252397,09	52°37'28.387"	38°31'1.571"
1377	419934,74	1252578,56	52°37'24.848"	38°31'11.215"
1386	419804,7	1252831,81	52°37'20.636"	38°31'24.676"
1395	419729,52	1253104,9	52°37'18.199"	38°31'39.191"
1404	419725,69	1253340,14	52°37'18.073"	38°31'51.694"
1413	419725,43	1253568,8	52°37'18.059"	38°32'3.851"
1422	419730,9	1253774,9	52°37'18.232"	38°32'14.806"
1431	419776,98	1254160,22	52°37'19.711"	38°32'35.290"
1440	419816,77	1254409,87	52°37'20.993"	38°32'48.563"
1449	419828,71	1254465,93	52°37'21.374"	38°32'51.544"
1458	419844,2	1254563,45	52°37'21.875"	38°32'56.731"
1467	419861,62	1254747,77	52°37'22.433"	38°33'6.530"
1476	419877,65	1254895,37	52°37'22.948"	38°33'14.375"
1485	419896,8	1255039,57	52°37'23.560"	38°33'22.043"
1494	419912,56	1255155,11	52°37'24.067"	38°33'28.184"
1503	419930,83	1255275,87	52°37'24.654"	38°33'34.607"
1512	419958,78	1255419,73	52°37'25.554"	38°33'42.257"
1521	419986,82	1255681,85	52°37'26.450"	38°33'56.192"
1530	420088,14	1256150,51	52°37'29.712"	38°34'21.112"
1539	420184,83	1256488,91	52°37'32.826"	38°34'39.108"
1548	420218,91	1256621,16	52°37'33.920"	38°34'46.142"
1557	420265,39	1256777,76	52°37'35.418"	38°34'54.473"
1566	420359,95	1256977,11	52°37'38.471"	38°35'5.078"
1575	420427,84	1257071,54	52°37'40.660"	38°35'10.104"
1584	420549,82	1257157,58	52°37'44.602"	38°35'14.687"
1593	420670,31	1257199,59	52°37'48.500"	38°35'16.930"
1602	420790,39	1257224,09	52°37'52.381"	38°35'18.240"
1611	420883,44	1257244,96	52°37'55.391"	38°35'19.356"
1620	420971,11	1257265,11	52°37'58.228"	38°35'20.436"
1629	421074,33	1257268,11	52°38'1.565"	38°35'20.602"
1638	421186,77	1257271,05	52°38'5.204"	38°35'20.767"
1647	421328,24	1257287,82	52°38'9.780"	38°35'21.671"
1656	421463,08	1257288,35	52°38'14.143"	38°35'21.710"
1665	421591,01	1257310,27	52°38'18.280"	38°35'22.884"
1674	421728,43	1257337,18	52°38'22.722"	38°35'24.328"

1683	421857,89	1257351,04	52°38'26.912"	38°35'25.076"
1692	422001,07	1257332,61	52°38'31.546"	38°35'24.104"
1701	422112,99	1257301,66	52°38'35.167"	38°35'22.470"
1710	422232,82	1257271,41	52°38'39.044"	38°35'20.868"
1719	422348,61	1257270,95	52°38'42.788"	38°35'20.854"
1728	422446,71	1257291,27	52°38'45.964"	38°35'21.941"
1737	422529,15	1257319,5	52°38'48.628"	38°35'23.449"
1746	422620,8	1257340,94	52°38'51.594"	38°35'24.598"
1755	422699,82	1257356,42	52°38'54.146"	38°35'25.429"
1764	422782,21	1257372,12	52°38'56.814"	38°35'26.268"
1773	422835,32	1257395,7	52°38'58.531"	38°35'27.528"
1782	422956,23	1257412,01	52°39'2.441"	38°35'28.406"
1791	423087,93	1257444,2	52°39'6.700"	38°35'30.127"
1800	423228,09	1257487,71	52°39'11.232"	38°35'32.453"
1809	423464,21	1257552,85	52°39'18.868"	38°35'35.938"
1818	423569,17	1257596,04	52°39'22.262"	38°35'38.245"
1827	423689,5	1257644,93	52°39'26.150"	38°35'40.855"
1836	423739,9	1257686,58	52°39'27.781"	38°35'43.073"
1845	423820,61	1257741,83	52°39'30.388"	38°35'46.021"
1854	423882,38	1257801,72	52°39'32.382"	38°35'49.211"
1863	423941,16	1257873,35	52°39'34.279"	38°35'53.027"
1872	423974,52	1257920,8	52°39'35.359"	38°35'55.554"
1881	424022,38	1257996,79	52°39'36.904"	38°35'59.604"
1890	424071,88	1258072,03	52°39'38.498"	38°36'3.611"
1899	424134,98	1258158,58	52°39'40.536"	38°36'8.219"
1908	424211,14	1258238,77	52°39'42.995"	38°36'12.496"
1917	424270,73	1258324,08	52°39'44.917"	38°36'17.039"
1926	424294,52	1258352,74	52°39'45.688"	38°36'18.565"
1935	424327,84	1258378,62	52°39'46.764"	38°36'19.944"
1944	424378,43	1258445,89	52°39'48.395"	38°36'23.530"
1953	424416,74	1258515,14	52°39'49.633"	38°36'27.216"
1962	424443,02	1258579,49	52°39'50.479"	38°36'30.643"
1971	424461,47	1258663,49	52°39'51.070"	38°36'35.114"
1980	424477,66	1258721,1	52°39'51.592"	38°36'38.182"
1989	424489,05	1258795,2	52°39'51.955"	38°36'42.127"
1998	424508,26	1258876,22	52°39'52.571"	38°36'46.440"
2007	424494,63	1258947,13	52°39'52.128"	38°36'50.209"
2016	424532,06	1259004,29	52°39'53.334"	38°36'53.255"
2025	424544,58	1259079,04	52°39'53.734"	38°36'57.233"
2034	424561,33	1259181,82	52°39'54.270"	38°37'2.705"
2043	424582,29	1259279,44	52°39'54.943"	38°37'7.903"
2052	424589,35	1259376,36	52°39'55.166"	38°37'13.058"
2061	424608,99	1259464,94	52°39'55.796"	38°37'17.774"
2070	424617,6	1259556,7	52°39'56.066"	38°37'22.660"
2079	424618,16	1259634,16	52°39'56.081"	38°37'26.782"
2088	424611,8	1259699,58	52°39'55.872"	38°37'30.259"
2097	424615,42	1259786,57	52°39'55.984"	38°37'34.889"
2106	424619,88	1259919,59	52°39'56.117"	38°37'41.970"
2115	424624,1	1260037,98	52°39'56.246"	38°37'48.270"
2124	424626,65	1260133,01	52°39'56.322"	38°37'53.324"
2133	424629,77	1260202,63	52°39'56.419"	38°37'57.032"
2142	424632,91	1260326,08	52°39'56.513"	38°38'3.599"
2151	424634,09	1260464,33	52°39'56.542"	38°38'10.957"
2160	424625,79	1260547,6	52°39'56.268"	38°38'15.385"
2169	424609,66	1260621,85	52°39'55.739"	38°38'19.334"
2178	424610,08	1260654,42	52°39'55.753"	38°38'21.070"
2187	424597,75	1260710,21	52°39'55.350"	38°38'24.036"

2196	424582,62	1260766,85	52°39'54.857"	38°38'27.049"
2205	424557,4	1260846,55	52°39'54.032"	38°38'31.286"
2214	424504,1	1260956,16	52°39'52.301"	38°38'37.111"
2223	424451,28	1261117,83	52°39'50.580"	38°38'45.708"
2232	424429,87	1261219,9	52°39'49.882"	38°38'51.137"
2241	424399,1	1261268,07	52°39'48.881"	38°38'53.696"
2250	424327,3	1261328,27	52°39'46.555"	38°38'56.890"
2259	424237,92	1261449,41	52°39'43.654"	38°39'3.323"
2268	424181,97	1261573,32	52°39'41.836"	38°39'9.911"
2277	424125,91	1261681,36	52°39'40.014"	38°39'15.653"
2286	424052,68	1261830	52°39'37.634"	38°39'23.551"
2295	424009,78	1261957,31	52°39'36.234"	38°39'30.319"
2304	424033,38	1262126,29	52°39'36.986"	38°39'39.312"
2313	424121,16	1262191,98	52°39'39.820"	38°39'42.818"
2322	424248,77	1262277,07	52°39'43.942"	38°39'47.362"
2331	424413,85	1262384,12	52°39'49.273"	38°39'53.082"
2340	424576,38	1262489,43	52°39'54.522"	38°39'58.705"
2349	424676,69	1262553,41	52°39'57.762"	38°40'2.125"
2358	424788,66	1262626,7	52°40'1.376"	38°40'6.038"
2367	424872,14	1262689,21	52°40'4.073"	38°40'9.376"
2376	424965,89	1262767,12	52°40'7.100"	38°40'13.537"
2385	425052,89	1262835,03	52°40'9.908"	38°40'17.162"
2394	425176,77	1262929,52	52°40'13.908"	38°40'22.210"
2403	425365,79	1263076,63	52°40'20.010"	38°40'30.065"
2412	425520,07	1263205,63	52°40'24.989"	38°40'36.952"
2421	425716,44	1263359,83	52°40'31.328"	38°40'45.185"
2430	425864,29	1263477,76	52°40'36.102"	38°40'51.485"
2439	426004,64	1263600,98	52°40'40.631"	38°40'58.062"
2448	426116,36	1263684,08	52°40'44.238"	38°41'2.501"
2457	426225,67	1263761,99	52°40'47.766"	38°41'6.666"
2466	426336,61	1263845,89	52°40'51.348"	38°41'11.148"
2475	426423,26	1263931,28	52°40'54.145"	38°41'15.706"
2484	426532,56	1264029,63	52°40'57.670"	38°41'20.958"
2493	426664,3	1264137,04	52°41'1.921"	38°41'26.696"
2502	426877,61	1264329,22	52°41'8.804"	38°41'36.960"
2511	427140,7	1264555,35	52°41'17.297"	38°41'49.038"
2520	427419,08	1264743,42	52°41'26.282"	38°41'59.096"
2529	427532,04	1264822,38	52°41'29.929"	38°42'3.319"
2538	427723,26	1264988,1	52°41'36.100"	38°42'12.172"
2547	427931,71	1265210,12	52°41'42.821"	38°42'24.030"
2556	428003,59	1265294,3	52°41'45.139"	38°42'28.523"
2565	428098,48	1265419,79	52°41'48.196"	38°42'35.222"
2574	428140,97	1265522,44	52°41'49.560"	38°42'40.694"
2583	428194,04	1265551,07	52°41'51.274"	38°42'42.228"
2592	428315,42	1265608,1	52°41'55.194"	38°42'45.284"
2601	428402,69	1265646,69	52°41'58.013"	38°42'47.354"
2610	428485,58	1265715,63	52°42'0.688"	38°42'51.041"
2619	428536,29	1265780,93	52°42'2.322"	38°42'54.526"
2628	428580,72	1265821,73	52°42'3.755"	38°42'56.707"
2637	428612,07	1265875,96	52°42'4.763"	38°42'59.602"
2646	428653,57	1265951,5	52°42'6.098"	38°43'3.630"
2655	428746,79	1266066,8	52°42'9.101"	38°43'9.786"
2664	428842,52	1266200,02	52°42'12.182"	38°43'16.900"
2673	428904,08	1266348,97	52°42'14.159"	38°43'24.841"
2682	428970,49	1266444,98	52°42'16.297"	38°43'29.968"
2691	429038,15	1266538,55	52°42'18.475"	38°43'34.964"
2700	429123,54	1266690,42	52°42'21.222"	38°43'43.068"

2709	429263,62	1266874,68	52°42'25.733"	38°43'52.907"
2718	429414,34	1266994,49	52°42'30.593"	38°43'59.315"
2727	429540,34	1267075,58	52°42'34.661"	38°44'3.656"
2736	429591,28	1267161,9	52°42'36.299"	38°44'8.264"
2745	429640,26	1267239,89	52°42'37.876"	38°44'12.430"
2754	429749,19	1267352,9	52°42'41.386"	38°44'18.467"
2763	429828,9	1267444,16	52°42'43.956"	38°44'23.345"
2772	429880,9	1267501,1	52°42'45.630"	38°44'26.387"
2781	429918,74	1267553,26	52°42'46.847"	38°44'29.173"
2790	429934,25	1267590,13	52°42'47.347"	38°44'31.139"
2799	429959,7	1267663,45	52°42'48.161"	38°44'35.052"
2808	429981,76	1267751,52	52°42'48.863"	38°44'39.746"
2817	429997,92	1267834,16	52°42'49.378"	38°44'44.153"
2826	429970,95	1267881,98	52°42'48.499"	38°44'46.694"
2835	430010,05	1267932,82	52°42'49.759"	38°44'49.409"
2844	430012,9	1268019,08	52°42'49.838"	38°44'54.006"
2853	429999,74	1268088,07	52°42'49.406"	38°44'57.678"
2862	429999,57	1268152,92	52°42'49.392"	38°45'1.134"
2871	429984,37	1268224,55	52°42'48.892"	38°45'4.946"
2880	429958,84	1268317,29	52°42'48.056"	38°45'9.878"
2889	429920,53	1268398,77	52°42'46.807"	38°45'14.213"
2898	429873,04	1268461,9	52°42'45.263"	38°45'17.564"
2907	429838,49	1268536,44	52°42'44.136"	38°45'21.528"
2916	429782,36	1268612,33	52°42'42.311"	38°45'25.560"
2925	429713,03	1268707,45	52°42'40.054"	38°45'30.614"
2934	429633,53	1268779,14	52°42'37.476"	38°45'34.416"
2943	429583,15	1268792,52	52°42'35.842"	38°45'35.118"
2952	429538,7	1268859,36	52°42'34.398"	38°45'38.668"
2961	429463,17	1268908,75	52°42'31.946"	38°45'41.285"
2970	429389,36	1268954,37	52°42'29.552"	38°45'43.700"
2979	429246,82	1269056,86	52°42'24.930"	38°45'49.129"
2988	429164,24	1269096,98	52°42'22.252"	38°45'51.246"
2997	429100,31	1269126,49	52°42'20.182"	38°45'52.805"
3006	429071,37	1269186,63	52°42'19.238"	38°45'56.002"
3015	428976,06	1269243,99	52°42'16.146"	38°45'59.036"
3024	428881,08	1269305,08	52°42'13.068"	38°46'2.273"
3033	428776,08	1269361,71	52°42'9.662"	38°46'5.264"
3042	428642,87	1269426,8	52°42'5.346"	38°46'8.702"
3051	428559,28	1269414,62	52°42'2.642"	38°46'8.036"
3060	428506,06	1269431,83	52°42'0.918"	38°46'8.944"
3069	428474,24	1269488,26	52°41'59.881"	38°46'11.942"
3078	428383,01	1269495,74	52°41'56.929"	38°46'12.320"
3087	428353,19	1269543,19	52°41'55.957"	38°46'14.840"
3096	428306,95	1269560,35	52°41'54.460"	38°46'15.744"
3105	428266,4	1269571,75	52°41'53.146"	38°46'16.342"
3114	428095,66	1269627,9	52°41'47.616"	38°46'19.297"
3123	427959	1269676,19	52°41'43.188"	38°46'21.839"
3132	427842,13	1269716,84	52°41'39.404"	38°46'23.977"
3141	427740,79	1269752,18	52°41'36.121"	38°46'25.838"
3150	427641,2	1269790,44	52°41'32.892"	38°46'27.854"
3159	427485,3	1269856,33	52°41'27.841"	38°46'31.328"
3168	427287,85	1269949,31	52°41'21.440"	38°46'36.235"
3177	427176,13	1270010,99	52°41'17.819"	38°46'39.497"
3186	427040,42	1270080,47	52°41'13.420"	38°46'43.165"
3195	426876,28	1270171,9	52°41'8.099"	38°46'47.996"
3204	426715,99	1270267,53	52°41'2.900"	38°46'53.051"
3213	426641,76	1270364,5	52°41'0.485"	38°46'58.199"

3222	426557,89	1270469,33	52°40'57.756"	38°47'3.757"
3231	426503,84	1270613,31	52°40'55.988"	38°47'11.411"
3240	426509,83	1270740,35	52°40'56.165"	38°47'18.175"
3249	426537,37	1270860,88	52°40'57.040"	38°47'24.598"
3258	426559,99	1270938,43	52°40'57.760"	38°47'28.730"
3267	426593,78	1271045,47	52°40'58.840"	38°47'34.436"
3276	426623,45	1271132,09	52°40'59.786"	38°47'39.055"
3285	426657,15	1271226,67	52°41'0.863"	38°47'44.095"
3294	426698,79	1271365,28	52°41'2.191"	38°47'51.482"
3303	426758,69	1271527,33	52°41'4.106"	38°48'0.126"
3312	426841,45	1271667,12	52°41'6.763"	38°48'7.585"
3321	426920,77	1271836,1	52°41'9.305"	38°48'16.600"
3330	427028,16	1272022,66	52°41'12.754"	38°48'26.557"
3339	427133,4	1272175,42	52°41'16.134"	38°48'34.715"
3348	427244,18	1272304,64	52°41'19.702"	38°48'41.620"
3357	427348,15	1272457,17	52°41'23.042"	38°48'49.766"
3366	427510,35	1272671,2	52°41'28.255"	38°49'1.204"
3375	427726,5	1272925,96	52°41'35.210"	38°49'14.819"
3384	427903,59	1273091,86	52°41'40.913"	38°49'23.696"
3393	428083,44	1273244,16	52°41'46.709"	38°49'31.854"
3402	428248,69	1273441,34	52°41'52.022"	38°49'42.395"
3411	428387,36	1273607,51	52°41'56.483"	38°49'51.280"
3420	428587,67	1273812,22	52°42'2.930"	38°50'2.231"
3429	428661,28	1273892,97	52°42'5.299"	38°50'6.551"
3438	428716,63	1273951,08	52°42'7.081"	38°50'9.658"
3447	428782,43	1274029,15	52°42'9.198"	38°50'13.834"
3456	428843,47	1274106,5	52°42'11.160"	38°50'17.970"
3465	428896,06	1274177,68	52°42'12.852"	38°50'21.775"
3474	428942,09	1274243,43	52°42'14.328"	38°50'25.289"
3483	429008,27	1274328,96	52°42'16.456"	38°50'29.861"
3492	429067,67	1274399,02	52°42'18.367"	38°50'33.608"
3501	429114,75	1274455,32	52°42'19.879"	38°50'36.618"
3510	429166,62	1274515,99	52°42'21.550"	38°50'39.862"
3519	429229	1274580,12	52°42'23.555"	38°50'43.296"
3528	429273,14	1274625,2	52°42'24.977"	38°50'45.708"
3537	429340,74	1274687,82	52°42'27.155"	38°50'49.063"
3546	429391,17	1274724,45	52°42'28.778"	38°50'51.025"
3555	429398,32	1274725,83	52°42'29.009"	38°50'51.101"
3564	429391,99	1274750,64	52°42'28.800"	38°50'52.422"
3573	429451,4	1274854,12	52°42'30.704"	38°50'57.948"
3582	429494,98	1274909,57	52°42'32.105"	38°51'0.914"
3591	429548,24	1274986,66	52°42'33.818"	38°51'5.036"
3600	429578,77	1275105,23	52°42'34.783"	38°51'11.358"
3609	429624,01	1275170,55	52°42'36.238"	38°51'14.850"
3618	429672,63	1275242,75	52°42'37.800"	38°51'18.709"
3627	429736,02	1275336,83	52°42'39.834"	38°51'23.738"
3636	429804,06	1275416,36	52°42'42.019"	38°51'27.994"
3645	429848,87	1275467	52°42'43.463"	38°51'30.701"
3654	429871,64	1275475,57	52°42'44.197"	38°51'31.165"
3663	429919,47	1275548,81	52°42'45.731"	38°51'35.078"
3672	429955,19	1275680,71	52°42'46.865"	38°51'42.116"
3681	429966,84	1275800,09	52°42'47.221"	38°51'48.478"
3690	429972,56	1275911,26	52°42'47.387"	38°51'54.403"
3699	429990,37	1276026,19	52°42'47.945"	38°52'0.530"
3708	430008,14	1276135,52	52°42'48.499"	38°52'6.359"
3717	429992,99	1276302,17	52°42'47.981"	38°52'15.229"
3726	429961,92	1276441,22	52°42'46.951"	38°52'22.627"

3735	429935,71	1276550,71	52°42'46.084"	38°52'28.452"
3744	429908,3	1276646,12	52°42'45.180"	38°52'33.528"
3753	429877,67	1276735,48	52°42'44.176"	38°52'38.280"
3762	429843,87	1276825,98	52°42'43.063"	38°52'43.090"
3771	429802,5	1276924,66	52°42'41.710"	38°52'48.335"
3780	429754,27	1277060,63	52°42'40.126"	38°52'55.560"
3789	429677,19	1277226,25	52°42'37.602"	38°53'4.362"
3798	429579,06	1277401,1	52°42'34.394"	38°53'13.646"
3807	429531,74	1277487,77	52°42'32.850"	38°53'18.247"
3816	429475,23	1277599,54	52°42'31.000"	38°53'24.184"
3825	429392	1277769,73	52°42'28.278"	38°53'33.223"
3834	429329,82	1277910,75	52°42'26.240"	38°53'40.715"
3843	429253,02	1278070,77	52°42'23.724"	38°53'49.214"
3852	429154,37	1278193,45	52°42'20.509"	38°53'55.716"
3861	429059,28	1278282,52	52°42'17.417"	38°54'0.432"
3870	428988,6	1278366,81	52°42'15.116"	38°54'4.900"
3879	428846,69	1278494,18	52°42'10.501"	38°54'11.639"
3888	428807,66	1278384,38	52°42'9.259"	38°54'5.778"
3897	428914,48	1278270,02	52°42'12.737"	38°53'59.723"
3906	428996,14	1278211,37	52°42'15.390"	38°53'56.623"
3915	429016,15	1278190,75	52°42'16.042"	38°53'55.532"
3924	429115,95	1278094,58	52°42'19.285"	38°53'50.438"
3933	429228,88	1277881,19	52°42'22.979"	38°53'39.109"
3942	429302,22	1277702,94	52°42'25.384"	38°53'29.638"
3951	429558,81	1277244,52	52°42'33.768"	38°53'5.298"
3960	429654,5	1277039,83	52°42'36.900"	38°52'54.426"
3969	429739,5	1276849,75	52°42'39.683"	38°52'44.324"
3978	429816,12	1276665,04	52°42'42.196"	38°52'34.507"
3987	429873,34	1276454,12	52°42'44.086"	38°52'23.290"
3996	429905,3	1276239,02	52°42'45.155"	38°52'11.842"
4005	429910,9	1276156,5	52°42'45.349"	38°52'7.450"
4014	429898,26	1276055,43	52°42'44.960"	38°52'2.060"
4023	429893,05	1275859,8	52°42'44.824"	38°51'51.638"
4032	429885,98	1275715,94	52°42'44.622"	38°51'43.974"
4041	429809,57	1275575,43	52°42'42.174"	38°51'36.468"
4050	429723,01	1275437,66	52°42'39.395"	38°51'29.106"
4059	429624,03	1275316,21	52°42'36.212"	38°51'22.608"
4068	429545,48	1275166,23	52°42'33.696"	38°51'14.598"
4077	429483,31	1275064,16	52°42'31.702"	38°51'9.144"
4086	429352,09	1274941,79	52°42'27.479"	38°51'2.592"
4095	429240,95	1274851,19	52°42'23.897"	38°50'57.736"
4104	429159,8	1274759,97	52°42'21.287"	38°50'52.854"
4113	429109,18	1274652,14	52°42'19.667"	38°50'47.098"
4122	429008,15	1274511,61	52°42'16.423"	38°50'39.588"
4131	428901,19	1274361,56	52°42'12.985"	38°50'31.567"
4140	428777,82	1274226,12	52°42'9.018"	38°50'24.324"
4149	428652,9	1274052,66	52°42'5.004"	38°50'15.050"
4158	428519,67	1273892,72	52°42'0.720"	38°50'6.500"
4167	428313,02	1273700,4	52°41'54.064"	38°49'56.204"
4176	428128,44	1273464,79	52°41'48.131"	38°49'43.612"
4185	428009,97	1273282,67	52°41'44.326"	38°49'33.884"
4194	427867,15	1273157,88	52°41'39.725"	38°49'27.203"
4203	427689,19	1273026,4	52°41'33.986"	38°49'20.158"
4212	427519,87	1272824,89	52°41'28.540"	38°49'9.386"
4221	427323,87	1272568,79	52°41'22.240"	38°48'55.703"
4230	427261,09	1272470,78	52°41'20.224"	38°48'50.468"
4239	427206,64	1272359,96	52°41'18.478"	38°48'44.557"

4248	427039,1	1272197,33	52°41'13.081"	38°48'35.860"
4257	426789,92	1271830,05	52°41'5.075"	38°48'16.247"
4266	426780,57	1271722,96	52°41'4.787"	38°48'10.544"
4275	426732,66	1271660,87	52°41'3.246"	38°48'7.229"
4284	426685,01	1271612,95	52°41'1.712"	38°48'4.666"
4293	426655,13	1271542,28	52°41'0.755"	38°48'0.896"
4302	426605,32	1271370,47	52°40'59.167"	38°47'51.738"
4311	426557,9	1271222,93	52°40'57.655"	38°47'43.876"
4320	426498,76	1271033,96	52°40'55.769"	38°47'33.803"
4329	426461,63	1270881,75	52°40'54.588"	38°47'25.692"
4338	426446,33	1270784,1	52°40'54.106"	38°47'20.490"
4347	426421,33	1270641,17	52°40'53.317"	38°47'12.876"
4356	426433,53	1270482,56	52°40'53.731"	38°47'4.434"
4365	426500,29	1270384,65	52°40'55.906"	38°46'59.239"
4374	426575,72	1270342,59	52°40'58.350"	38°46'57.018"
4383	426622,61	1270306,06	52°40'59.873"	38°46'55.081"
4392	426646,87	1270235,64	52°41'0.668"	38°46'51.337"
4401	426732,82	1270135,16	52°41'3.462"	38°46'46.009"
4410	426827,56	1270085,73	52°41'6.533"	38°46'43.399"
4419	426974,86	1270037,28	52°41'11.303"	38°46'40.850"
4428	427013,69	1270006,52	52°41'12.566"	38°46'39.223"
4437	427109,59	1269963,33	52°41'15.673"	38°46'36.944"
4446	427225,83	1269902,36	52°41'19.442"	38°46'33.722"
4455	427337,38	1269849,89	52°41'23.057"	38°46'30.954"
4464	427463,45	1269764,41	52°41'27.146"	38°46'26.429"
4473	427574,88	1269696,33	52°41'30.761"	38°46'22.829"
4482	427725,8	1269644,13	52°41'35.650"	38°46'20.082"
4491	427911,17	1269591,72	52°41'41.651"	38°46'17.332"
4500	428142,54	1269512,47	52°41'49.146"	38°46'13.159"
4509	428367,34	1269424,26	52°41'56.432"	38°46'8.512"
4518	428541,69	1269363,04	52°42'2.081"	38°46'5.286"
4527	428718,34	1269291,64	52°42'7.805"	38°46'1.520"
4536	428967,74	1269135,94	52°42'15.890"	38°45'53.280"
4545	429159,85	1269005,77	52°42'22.122"	38°45'46.390"
4554	429326,95	1268907,77	52°42'27.540"	38°45'41.202"
4563	429512,55	1268776,99	52°42'33.559"	38°45'34.276"
4572	429678,13	1268622,37	52°42'38.938"	38°45'26.075"
4581	429746,78	1268543,69	52°42'41.166"	38°45'21.895"
4590	429798,42	1268461,6	52°42'42.847"	38°45'17.536"
4599	429886,36	1268305,7	52°42'45.713"	38°45'9.248"
4608	429936,16	1268076,7	52°42'47.351"	38°44'57.059"
4617	429923,99	1267886,36	52°42'46.980"	38°44'46.918"
4626	429890,65	1267708,96	52°42'45.922"	38°44'37.460"
4635	429800,82	1267601,49	52°42'43.027"	38°44'31.718"
4644	429812,75	1267560,92	52°42'43.420"	38°44'29.562"
4653	429683,85	1267384,68	52°42'39.269"	38°44'20.148"
4662	429545,52	1267222,31	52°42'34.812"	38°44'11.476"
4671	429438,98	1267109,25	52°42'31.378"	38°44'5.431"
4680	429337,33	1267047,89	52°42'28.098"	38°44'2.144"
4689	429268	1267009,97	52°42'25.859"	38°44'0.114"
4698	429145,99	1266887,29	52°42'21.924"	38°43'53.555"
4707	429082,73	1266810,16	52°42'19.886"	38°43'49.436"
4716	428977,06	1266663,51	52°42'16.484"	38°43'41.606"
4725	428879,31	1266492,6	52°42'13.342"	38°43'32.488"
4734	428791,82	1266379,64	52°42'10.523"	38°43'26.454"
4743	428646,35	1266107,15	52°42'5.846"	38°43'11.917"
4752	428553,25	1266030,75	52°42'2.844"	38°43'7.835"

4761	428557,21	1265964,04	52°42'2.977"	38°43'4.282"
4770	428492,32	1265903,11	52°42'0.886"	38°43'1.027"
4779	428420,39	1265811,94	52°41'58.567"	38°42'56.160"
4788	428333,91	1265796,09	52°41'55.774"	38°42'55.300"
4797	428154,94	1265633,19	52°41'49.999"	38°42'46.595"
4806	427891,87	1265344,28	52°41'41.518"	38°42'31.165"
4815	427608,81	1265078,77	52°41'32.388"	38°42'16.981"
4824	427257,06	1264775,02	52°41'21.037"	38°42'0.752"
4833	426736,41	1264341,87	52°41'4.236"	38°41'37.612"
4842	426508,22	1264089,98	52°40'56.878"	38°41'24.166"
4851	426387,57	1264046,11	52°40'52.979"	38°41'21.815"
4860	426274,5	1263929,45	52°40'49.332"	38°41'15.587"
4869	426137,06	1263846,61	52°40'44.893"	38°41'11.155"
4878	425971,83	1263740,24	52°40'39.558"	38°41'5.471"
4887	425870,24	1263654,29	52°40'36.278"	38°41'0.881"
4896	425719,86	1263526,54	52°40'31.426"	38°40'54.059"
4905	425611,38	1263430,4	52°40'27.923"	38°40'48.925"
4914	425495,85	1263326,65	52°40'24.197"	38°40'43.388"
4923	425366,45	1263213,83	52°40'20.021"	38°40'37.366"
4932	425263,99	1263138,09	52°40'16.712"	38°40'33.319"
4941	425170,16	1263048,79	52°40'13.685"	38°40'28.553"
4950	425084,9	1263003,68	52°40'10.931"	38°40'26.141"
4959	424986,63	1262914,81	52°40'7.759"	38°40'21.400"
4968	424875,48	1262823,53	52°40'4.170"	38°40'16.525"
4977	424660,33	1262662,51	52°39'57.222"	38°40'7.928"
4986	424508,76	1262556,75	52°39'52.330"	38°40'2.280"
4995	424305,97	1262416,56	52°39'45.781"	38°39'54.792"
5004	424177,61	1262315,4	52°39'41.634"	38°39'49.392"
5013	424040,94	1262207,08	52°39'37.224"	38°39'43.610"
5022	423959,8	1262138,33	52°39'34.603"	38°39'39.942"
5031	423909,13	1262090,59	52°39'32.969"	38°39'37.397"
5040	423900,39	1262022,95	52°39'32.692"	38°39'33.797"
5049	423926,32	1261896,47	52°39'33.541"	38°39'27.072"
5058	423967,34	1261794,97	52°39'34.873"	38°39'21.676"
5067	423996,96	1261719,43	52°39'35.838"	38°39'17.662"
5076	424059,15	1261602,98	52°39'37.861"	38°39'11.473"
5085	424117,8	1261480,67	52°39'39.766"	38°39'4.972"
5094	424192	1261312,02	52°39'42.178"	38°38'56.008"
5103	424223,89	1261175,62	52°39'43.222"	38°38'48.757"
5112	424295,17	1261065,17	52°39'45.536"	38°38'42.889"
5121	424417,27	1260957,89	52°39'49.493"	38°38'37.194"
5130	424514,24	1260597,36	52°39'52.654"	38°38'18.020"
5139	424522,63	1259939,81	52°39'52.970"	38°37'43.036"
5148	424516,9	1259627,37	52°39'52.805"	38°37'26.407"
5157	424456,69	1259180,65	52°39'50.886"	38°37'2.633"
5166	424409,6	1258794,67	52°39'49.385"	38°36'42.091"
5175	424272,97	1258571,37	52°39'44.978"	38°36'30.197"
5184	424190,43	1258462,82	52°39'42.314"	38°36'24.412"
5193	424118,43	1258408,91	52°39'39.989"	38°36'21.539"
5202	424188,46	1258398,11	52°39'42.253"	38°36'20.970"
5211	424164,28	1258341,18	52°39'41.476"	38°36'17.939"
5220	424085,44	1258259,66	52°39'38.927"	38°36'13.594"
5229	423982,04	1258107,54	52°39'35.590"	38°36'5.490"
5238	423895,53	1257974,44	52°39'32.800"	38°35'58.402"
5247	423777,33	1257847,85	52°39'28.984"	38°35'51.659"
5256	423611,17	1257728,38	52°39'23.612"	38°35'45.287"
5265	423222,38	1257617,95	52°39'11.041"	38°35'39.383"

5274	422692,32	1257472,78	52°38'53.902"	38°35'31.618"
5283	422537,06	1257438,05	52°38'48.880"	38°35'29.756"
5292	422400,34	1257397,56	52°38'44.459"	38°35'27.593"
5301	422236,24	1257382,45	52°38'39.149"	38°35'26.776"
5310	422079,54	1257434,87	52°38'34.076"	38°35'29.551"
5319	421930,05	1257453,73	52°38'29.242"	38°35'30.541"
5328	421714,67	1257441,79	52°38'22.272"	38°35'29.890"
5337	421424,76	1257374,37	52°38'12.898"	38°35'26.282"
5346	421235,84	1257358,69	52°38'6.788"	38°35'25.433"
5355	421043,13	1257348,46	52°38'0.553"	38°35'24.875"
5364	420848,05	1257321,41	52°37'54.242"	38°35'23.420"
5373	420775,98	1257282,65	52°37'51.913"	38°35'21.354"
5382	420702,45	1257302,84	52°37'49.534"	38°35'22.420"
5391	420584,05	1257251,64	52°37'45.707"	38°35'19.691"
5400	420472,67	1257207,37	52°37'42.103"	38°35'17.326"
5409	420351,88	1257130,97	52°37'38.201"	38°35'13.254"
5418	420211,67	1256929,92	52°37'33.676"	38°35'2.558"
5427	420142,43	1256763,71	52°37'31.440"	38°34'53.717"
5436	420101,49	1256615,26	52°37'30.122"	38°34'45.822"
5445	420072,19	1256491,45	52°37'29.179"	38°34'39.238"
5454	419984,86	1256205,26	52°37'26.368"	38°34'24.017"
5463	419924,46	1255946,18	52°37'24.424"	38°34'10.240"
5472	419886,48	1255753,95	52°37'23.203"	38°34'0.019"
5481	419841,29	1255522,27	52°37'21.749"	38°33'47.700"
5490	419825,04	1255397,61	52°37'21.227"	38°33'41.072"
5499	419797,31	1255185,09	52°37'20.338"	38°33'29.772"
5508	419770,23	1254900,4	52°37'19.470"	38°33'14.638"
5517	419734,38	1254626,95	52°37'18.322"	38°33'0.101"
5526	419723,26	1254485,78	52°37'17.965"	38°32'52.595"
5535	419695,02	1254268,72	52°37'17.058"	38°32'41.057"
5544	419643,81	1253883,87	52°37'15.409"	38°32'20.594"
5553	419627,89	1253465,66	52°37'14.905"	38°31'58.364"
5562	419653,91	1253198,87	52°37'15.751"	38°31'44.184"
5571	419657,98	1252998,2	52°37'15.888"	38°31'33.517"
5580	419724,52	1252778,95	52°37'18.044"	38°31'21.864"
5589	419792,03	1252642	52°37'20.230"	38°31'14.585"
5598	419879,01	1252504,06	52°37'23.048"	38°31'7.255"
5607	419936,07	1252393,31	52°37'24.895"	38°31'1.369"
5616	419943,16	1252256,41	52°37'25.126"	38°30'54.090"
5625	419925,8	1252100,27	52°37'24.568"	38°30'45.788"
5634	419881,88	1252003,35	52°37'23.146"	38°30'40.637"
5643	419860,21	1251948,6	52°37'22.447"	38°30'37.724"
5652	419820,71	1251924,99	52°37'21.169"	38°30'36.472"
5661	419691,69	1251857,37	52°37'16.997"	38°30'32.875"
5670	419501,4	1251829,1	52°37'10.841"	38°30'31.367"
5679	419366,45	1251821,52	52°37'6.474"	38°30'30.960"
5688	419274,17	1251804,03	52°37'3.490"	38°30'30.031"
5697	419191,66	1251822,67	52°37'0.818"	38°30'31.021"
5706	419078,34	1251837,36	52°36'57.154"	38°30'31.799"
5715	418912,32	1251843,11	52°36'51.782"	38°30'32.101"
5724	418850,44	1251824,55	52°36'49.781"	38°30'31.111"
5733	418824,1	1251834,05	52°36'48.928"	38°30'31.619"
5742	418727,67	1251846,14	52°36'45.810"	38°30'32.260"
5751	418617,68	1251875,24	52°36'42.250"	38°30'33.804"
5760	418457,52	1251916	52°36'37.069"	38°30'35.964"
5769	418252,67	1251977,27	52°36'30.442"	38°30'39.218"
5778	418072,96	1252006,68	52°36'24.628"	38°30'40.777"

5787	417985,89	1252065,39	52°36'21.809"	38°30'43.895"
5796	417949,09	1252074,4	52°36'20.617"	38°30'44.374"
5805	417893,13	1252086,2	52°36'18.806"	38°30'45.000"
5814	417825,71	1252090,48	52°36'16.628"	38°30'45.223"
5823	417662,57	1252166,46	52°36'11.347"	38°30'49.259"
5832	417633,48	1252162,68	52°36'10.408"	38°30'49.057"
5841	417531,38	1252232,14	52°36'7.103"	38°30'52.744"
5850	417429,57	1252302,17	52°36'3.809"	38°30'56.462"
5859	417399,86	1252345,47	52°36'2.848"	38°30'58.763"
5868	417339,03	1252394,16	52°36'0.878"	38°31'1.348"
5877	417259,61	1252447,12	52°35'58.308"	38°31'4.163"
5886	417133,98	1252533,47	52°35'54.244"	38°31'8.746"
5895	417044,36	1252621,13	52°35'51.342"	38°31'13.400"
5904	416968,59	1252718,53	52°35'48.887"	38°31'18.574"
5913	416880,44	1252821,15	52°35'46.036"	38°31'24.024"
5922	416831,94	1252877,43	52°35'44.466"	38°31'27.012"
5931	416778,5	1252937,04	52°35'42.734"	38°31'30.176"
5940	416741,55	1252977,41	52°35'41.539"	38°31'32.318"
5949	416698,21	1253005,59	52°35'40.135"	38°31'33.816"
5958	416650,55	1253040,1	52°35'38.594"	38°31'35.648"
5967	416604,45	1253062,78	52°35'37.100"	38°31'36.851"
5976	416564,94	1253042,75	52°35'35.822"	38°31'35.785"
5985	416543,46	1253015,88	52°35'35.128"	38°31'34.356"
5994	416514,59	1252997,64	52°35'34.195"	38°31'33.388"
6003	416432,48	1253021,91	52°35'31.538"	38°31'34.673"
6012	416383,66	1253053,34	52°35'29.958"	38°31'36.343"
6021	416284,25	1253013,62	52°35'26.743"	38°31'34.230"
6030	416191,59	1252956,9	52°35'23.748"	38°31'31.213"
6039	416108,15	1252885,61	52°35'21.048"	38°31'27.422"
6048	415983,53	1252809,65	52°35'17.020"	38°31'23.387"
6057	415922,06	1252748,13	52°35'15.032"	38°31'20.114"
6066	415844,64	1252721,39	52°35'12.527"	38°31'18.692"
6075	415766,58	1252611,73	52°35'10.003"	38°31'12.868"
6084	415744,46	1252496,66	52°35'9.290"	38°31'6.755"
6093	415729,58	1252405,27	52°35'8.812"	38°31'1.898"
6102	415706,15	1252316,56	52°35'8.052"	38°30'57.186"
6111	415679,15	1252226,05	52°35'7.181"	38°30'52.380"
6120	415632,6	1252045,31	52°35'5.676"	38°30'42.779"
6129	415594,93	1251902,03	52°35'4.459"	38°30'35.168"
6138	415552,62	1251772,5	52°35'3.095"	38°30'28.289"
6147	415561,59	1251717,78	52°35'3.383"	38°30'25.380"
6156	415528,04	1251626,56	52°35'2.299"	38°30'20.534"
6165	415529,76	1251553,82	52°35'2.357"	38°30'16.672"
6174	415538,37	1251500,59	52°35'2.634"	38°30'13.846"
6183	415500,54	1251447,51	52°35'1.414"	38°30'11.023"
6192	415459,45	1251394,91	52°35'0.082"	38°30'8.230"
6201	415407,63	1251289,04	52°34'58.408"	38°30'2.606"
6210	415365,35	1251097,17	52°34'57.040"	38°29'52.415"
6219	415322,32	1250970,27	52°34'55.650"	38°29'45.676"
6228	415346,64	1250942,06	52°34'56.435"	38°29'44.178"
6237	415358,34	1250928,88	52°34'56.816"	38°29'43.480"
6246	415334,97	1250881,49	52°34'56.060"	38°29'40.960"
6255	415281,28	1250802,17	52°34'54.322"	38°29'36.748"
6264	415216,04	1250723,36	52°34'52.212"	38°29'32.561"
6273	415239,04	1250720,57	52°34'52.957"	38°29'32.413"
6282	415228,62	1250702,3	52°34'52.619"	38°29'31.445"
6291	415239,86	1250678,26	52°34'52.982"	38°29'30.167"

6300	415294,53	1250659,52	52°34'54.754"	38°29'29.173"
6309	415267,99	1250631,86	52°34'53.893"	38°29'27.704"
6318	415220,94	1250623,31	52°34'52.370"	38°29'27.247"
6327	415197,75	1250578,11	52°34'51.622"	38°29'24.850"
6336	415139,29	1250461,89	52°34'49.732"	38°29'18.676"
6345	415042,24	1250276,65	52°34'46.592"	38°29'8.837"
6354	414892,23	1250013,12	52°34'41.740"	38°28'54.844"
6363	414653,48	1249638,2	52°34'34.014"	38°28'34.932"
6372	414501,05	1249412,59	52°34'29.082"	38°28'22.955"
6381	414354,14	1249226,12	52°34'24.326"	38°28'13.055"
6390	414161,33	1249036,72	52°34'18.088"	38°28'3.000"
6399	413982,59	1248904,28	52°34'12.306"	38°27'55.969"
6408	413865,86	1248832,09	52°34'8.530"	38°27'52.139"
6417	413767,02	1248785,14	52°34'5.329"	38°27'49.644"
6426	413679,03	1248735,28	52°34'2.482"	38°27'46.998"
6435	413427,81	1248584,77	52°33'54.353"	38°27'39.013"
6444	413167,32	1248485,03	52°33'45.925"	38°27'33.721"
6453	412898,23	1248442,99	52°33'37.220"	38°27'31.496"
6462	412683,04	1248465,04	52°33'30.258"	38°27'32.670"
6471	412590,23	1248500,82	52°33'27.256"	38°27'34.571"
6480	412525,62	1248503,3	52°33'25.168"	38°27'34.704"
6489	412435,75	1248538,24	52°33'22.259"	38°27'36.558"
6498	412321,68	1248555,68	52°33'18.569"	38°27'37.487"
6507	412169,04	1248567,34	52°33'13.630"	38°27'38.110"
6516	412027,63	1248586,53	52°33'9.058"	38°27'39.128"
6525	411907,54	1248587,55	52°33'5.173"	38°27'39.186"
6534	411767,39	1248586,07	52°33'0.637"	38°27'39.110"
6543	411658,94	1248585,91	52°32'57.131"	38°27'39.103"
6552	411493,99	1248593,62	52°32'51.792"	38°27'39.514"
6561	411385,62	1248603,87	52°32'48.286"	38°27'40.061"
6570	411286,46	1248598,83	52°32'45.078"	38°27'39.794"
6579	411169,35	1248604,33	52°32'41.291"	38°27'40.090"
6588	411060,44	1248605,27	52°32'37.766"	38°27'40.140"
6597	410930,8	1248596,41	52°32'33.572"	38°27'39.672"
6606	410817,45	1248585,1	52°32'29.904"	38°27'39.074"
6615	410681,05	1248565,26	52°32'25.494"	38°27'38.023"
6624	410528,53	1248528,44	52°32'20.558"	38°27'36.072"
6633	410417,8	1248492,41	52°32'16.976"	38°27'34.164"
6642	410328,57	1248463,14	52°32'14.089"	38°27'32.612"
6651	410166,91	1248387,63	52°32'8.858"	38°27'28.609"
6660	410005,81	1248303,33	52°32'3.646"	38°27'24.138"
6669	409856,04	1248187,76	52°31'58.796"	38°27'18.011"

Приложение 2
к постановлению
Правительства Липецкой области
«Об установлении местоположения
береговых линий (границ водного объекта),
границ водоохранных зон и границ
прибрежных защитных полос реки Сосна»

Граница водоохранной зоны
участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км
по правому берегу и 50 км по левому берегу, расположенной на территории
Липецкой области

Граница водоохранной зоны участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км по правому берегу и 50 км по левому берегу, расположенной на территории Липецкой области, определена в соответствии с характерными точками границы водоохранной зоны участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км по правому берегу и 50 км по левому берегу, расположенной на территории Липецкой области, приведенными в таблице.

Сведения о характерных точках границы водоохранной зоны
участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км
по правому берегу и 50 км по левому берегу, расположенной на территории
Липецкой области

Таблица

№ опорной точки	X_МСК - 48	Y_МСК - 48	X_WGS - 84	Y_WGS - 84
1	428987,99	1278545,12	52°42'15.062"	38°54'14.396"
2	428950,89	1278534,5	52°42'13.864"	38°54'13.817"
3	428920,95	1278524,76	52°42'12.899"	38°54'13.291"
4	428889,78	1278516,27	52°42'11.891"	38°54'12.827"
5	428867,94	1278507,09	52°42'11.185"	38°54'12.334"
6	428846,69	1278494,18	52°42'10.501"	38°54'11.639"
7	428666,66	1278441,65	52°42'4.687"	38°54'8.784"
8	428642,9	1278446,8	52°42'3.917"	38°54'9.050"
9	428596,29	1278454,6	52°42'2.408"	38°54'9.454"
10	428549,99	1278462,4	52°42'0.907"	38°54'9.853"
11	428471,58	1278471,93	52°41'58.369"	38°54'10.336"
12	428466,66	1278441,24	52°41'58.218"	38°54'8.701"
13	428477,08	1278377,92	52°41'58.567"	38°54'5.332"
14	428507,02	1278321,16	52°41'59.546"	38°54'2.318"
15	428553,4	1278276,81	52°42'1.055"	38°53'59.971"
16	428611,43	1278249,43	52°42'2.938"	38°53'58.531"

17	428631,69	1278243,61	52°42'3.593"	38°53'58.229"
18	428668,28	1278230,21	52°42'4.781"	38°53'57.527"
19	428686,94	1278220,24	52°42'5.386"	38°53'57.001"
20	428764,98	1278134,41	52°42'7.924"	38°53'52.454"
21	428792,02	1278111,86	52°42'8.806"	38°53'51.263"
22	428811,78	1278089,58	52°42'9.446"	38°53'50.082"
23	428847,37	1278056,49	52°42'10.606"	38°53'48.329"
24	428875,75	1278040,78	52°42'11.527"	38°53'47.501"
25	428898,59	1278020,79	52°42'12.269"	38°53'46.442"
26	428930,9	1278005,16	52°42'13.316"	38°53'45.622"
27	428956,25	1277973,91	52°42'14.141"	38°53'43.966"
28	428970,08	1277953,86	52°42'14.594"	38°53'42.900"
29	429004,43	1277890,06	52°42'15.718"	38°53'39.512"
30	429013	1277878,59	52°42'15.995"	38°53'38.904"
31	429025,23	1277845,78	52°42'16.398"	38°53'37.162"
32	429031,72	1277830,38	52°42'16.610"	38°53'36.344"
33	429094,28	1277678,1	52°42'18.662"	38°53'28.252"
34	429104,45	1277658,1	52°42'18.994"	38°53'27.190"
35	429104,75	1277657,52	52°42'19.004"	38°53'27.161"
36	429109,47	1277648,31	52°42'19.159"	38°53'26.671"
37	429124,03	1277608,87	52°42'19.638"	38°53'24.576"
38	429136,69	1277581,86	52°42'20.052"	38°53'23.140"
39	429182,06	1277501,32	52°42'21.535"	38°53'18.863"
40	429232,09	1277410,19	52°42'23.170"	38°53'14.024"
41	429302,1	1277288,4	52°42'25.456"	38°53'7.559"
42	429383,1	1277148,76	52°42'28.102"	38°53'0.146"
43	429415,83	1277089,61	52°42'29.171"	38°52'57.007"
44	429416,02	1277089,22	52°42'29.178"	38°52'56.986"
45	429422,72	1277075,91	52°42'29.398"	38°52'56.276"
46	429431,28	1277055,2	52°42'29.678"	38°52'55.178"
47	429433,7	1277049,59	52°42'29.758"	38°52'54.880"
48	429447,92	1277017,97	52°42'30.222"	38°52'53.198"
49	429451,82	1277009,61	52°42'30.348"	38°52'52.756"
50	429458,41	1276992,8	52°42'30.564"	38°52'51.863"
51	429467,56	1276968,74	52°42'30.866"	38°52'50.585"
52	429479,01	1276942,78	52°42'31.241"	38°52'49.202"
53	429486,81	1276923,89	52°42'31.496"	38°52'48.202"
54	429497,75	1276899,84	52°42'31.856"	38°52'46.924"
55	429499,22	1276896,7	52°42'31.903"	38°52'46.754"
56	429511,67	1276870,54	52°42'32.310"	38°52'45.365"
57	429522,02	1276847,59	52°42'32.648"	38°52'44.148"
58	429528,41	1276834,8	52°42'32.857"	38°52'43.468"
59	429565,85	1276749,85	52°42'34.085"	38°52'38.953"
60	429578,55	1276718,67	52°42'34.502"	38°52'37.297"
61	429605,25	1276649,36	52°42'35.377"	38°52'33.611"
62	429616,51	1276627,97	52°42'35.744"	38°52'32.477"
63	429679,21	1276405,23	52°42'37.811"	38°52'20.629"
64	429704,64	1276251,33	52°42'38.660"	38°52'12.439"
65	429705,45	1276231,21	52°42'38.693"	38°52'11.370"
66	429696,96	1276175,64	52°42'38.426"	38°52'8.407"
67	429696,55	1276163,1	52°42'38.416"	38°52'7.738"
68	429703,32	1276110,21	52°42'38.642"	38°52'4.922"

69	429702,92	1276102,75	52°42'38.632"	38°52'4.526"
70	429688,63	1275925,37	52°42'38.200"	38°51'55.073"
71	429692,7	1275769,68	52°42'38.358"	38°51'46.782"
72	429691,97	1275767,77	52°42'38.336"	38°51'46.681"
73	429672,13	1275733,98	52°42'37.699"	38°51'44.874"
74	429665,48	1275719,34	52°42'37.487"	38°51'44.093"
75	429664,01	1275716,56	52°42'37.440"	38°51'43.945"
76	429614,93	1275634,26	52°42'35.867"	38°51'39.546"
77	429597,78	1275598,23	52°42'35.316"	38°51'37.624"
78	429597,5	1275597,83	52°42'35.309"	38°51'37.602"
79	429545,94	1275536,38	52°42'33.649"	38°51'34.315"
80	429537,97	1275524,38	52°42'33.394"	38°51'33.671"
81	429509,41	1275491,44	52°42'32.476"	38°51'31.910"
82	429492,18	1275466,86	52°42'31.925"	38°51'30.596"
83	429462,55	1275435,3	52°42'30.971"	38°51'28.908"
84	429434,91	1275394,16	52°42'30.082"	38°51'26.708"
85	429399,93	1275327,46	52°42'28.962"	38°51'23.144"
86	429367,65	1275266,3	52°42'27.929"	38°51'19.879"
87	429359,45	1275241,48	52°42'27.666"	38°51'18.554"
88	429355,35	1275228,37	52°42'27.536"	38°51'17.856"
89	429355,2	1275227,92	52°42'27.533"	38°51'17.831"
90	429348,51	1275212,15	52°42'27.317"	38°51'16.992"
91	429241,29	1275113,07	52°42'23.864"	38°51'11.686"
92	429219,15	1275091,21	52°42'23.152"	38°51'10.512"
93	429197,01	1275068,08	52°42'22.442"	38°51'9.277"
94	429170,48	1275039,36	52°42'21.589"	38°51'7.740"
95	429005,07	1274908,59	52°42'16.258"	38°51'0.731"
96	428999,14	1274900,85	52°42'16.067"	38°51'0.317"
97	428965,71	1274834,62	52°42'14.998"	38°50'56.778"
98	428963,11	1274825,59	52°42'14.915"	38°50'56.299"
99	428959,15	1274788,43	52°42'14.792"	38°50'54.316"
100	428959,12	1274788,38	52°42'14.792"	38°50'54.316"
101	428688,58	1274413,24	52°42'6.102"	38°50'34.264"
102	428638,43	1274370,62	52°42'4.486"	38°50'31.981"
103	428504,16	1274187,52	52°42'0.169"	38°50'22.193"
104	428474,8	1274153,5	52°41'59.226"	38°50'20.375"
105	428414,37	1274068,59	52°41'57.286"	38°50'15.839"
106	428161,1	1273830,63	52°41'49.128"	38°50'3.102"
107	428102,89	1273763,58	52°41'47.256"	38°49'59.516"
108	427909,17	1273503,79	52°41'41.032"	38°49'45.631"
109	427890,57	1273479,16	52°41'40.434"	38°49'44.317"
110	427843,14	1273395,7	52°41'38.911"	38°49'39.860"
111	427829,34	1273382,55	52°41'38.468"	38°49'39.155"
112	427816,67	1273375,87	52°41'38.058"	38°49'38.798"
113	427792,25	1273360,65	52°41'37.270"	38°49'37.981"
114	427781,08	1273352,51	52°41'36.910"	38°49'37.546"
115	427742,16	1273316,27	52°41'35.657"	38°49'35.605"
116	427625,96	1273242,45	52°41'31.909"	38°49'31.645"
117	427564,03	1273186,64	52°41'29.915"	38°49'28.657"
118	427539,53	1273159,07	52°41'29.126"	38°49'27.185"
119	427521,82	1273139,29	52°41'28.558"	38°49'26.126"
120	427360,9	1272946,26	52°41'23.381"	38°49'15.809"

121	427311,42	1272880,38	52°41'21.790"	38°49'12.288"
122	427283,49	1272850,4	52°41'20.890"	38°49'10.686"
123	427274,91	1272840,56	52°41'20.612"	38°49'10.160"
124	427255,79	1272817,13	52°41'20.000"	38°49'8.908"
125	427176,63	1272723,78	52°41'17.452"	38°49'3.918"
126	427159,11	1272698,23	52°41'16.890"	38°49'2.554"
127	427148,98	1272680,68	52°41'16.566"	38°49'1.618"
128	427136,54	1272647,42	52°41'16.166"	38°48'59.843"
129	427082,26	1272560,33	52°41'14.424"	38°48'55.195"
130	427059,87	1272524,2	52°41'13.704"	38°48'53.266"
131	427049,65	1272520,82	52°41'13.376"	38°48'53.082"
132	427006,96	1272493,91	52°41'11.998"	38°48'51.638"
133	426972,36	1272457,17	52°41'10.885"	38°48'49.676"
134	426901,44	1272349,11	52°41'8.606"	38°48'43.906"
135	426875,71	1272312,68	52°41'7.778"	38°48'41.958"
136	426830,49	1272242,8	52°41'6.328"	38°48'38.228"
137	426656,62	1271986,43	52°41'0.740"	38°48'24.538"
138	426590,36	1271883,4	52°40'58.609"	38°48'19.040"
139	426567,92	1271801,58	52°40'57.896"	38°48'14.677"
140	426540,91	1271776,36	52°40'57.025"	38°48'13.331"
141	426507,11	1271718,74	52°40'55.942"	38°48'10.256"
142	426491,76	1271678,39	52°40'55.448"	38°48'8.104"
143	426467,2	1271610,71	52°40'54.664"	38°48'4.496"
144	426466,84	1271609,71	52°40'54.653"	38°48'4.442"
145	426417,25	1271445,42	52°40'53.072"	38°47'55.684"
146	426325,16	1271165,22	52°40'50.135"	38°47'40.747"
147	426315,54	1271129,58	52°40'49.825"	38°47'38.850"
148	426281,8	1270987,24	52°40'48.756"	38°47'31.265"
149	426272,36	1270947,02	52°40'48.454"	38°47'29.123"
150	426243,75	1270794,37	52°40'47.550"	38°47'20.990"
151	426230,47	1270714,17	52°40'47.132"	38°47'16.717"
152	426220,99	1270605,69	52°40'46.841"	38°47'10.943"
153	426219,27	1270536,47	52°40'46.794"	38°47'7.256"
154	426230,92	1270458,31	52°40'47.183"	38°47'3.098"
155	426260,62	1270385,05	52°40'48.151"	38°46'59.207"
156	426289,61	1270322,68	52°40'49.098"	38°46'55.895"
157	426310,27	1270292	52°40'49.771"	38°46'54.264"
158	426341,78	1270257,04	52°40'50.794"	38°46'52.410"
159	426376,08	1270227,9	52°40'51.910"	38°46'50.866"
160	426406,51	1270208	52°40'52.896"	38°46'49.814"
161	426421,06	1270200,27	52°40'53.368"	38°46'49.408"
162	426444,36	1270188,88	52°40'54.124"	38°46'48.806"
163	426467,99	1270139,94	52°40'54.894"	38°46'46.204"
164	426475,81	1270123,37	52°40'55.150"	38°46'45.325"
165	426510,37	1270069,16	52°40'56.273"	38°46'42.445"
166	426539,34	1270033,66	52°40'57.216"	38°46'40.562"
167	426589,88	1269990,81	52°40'58.858"	38°46'38.294"
168	426699,48	1269935,71	52°41'2.411"	38°46'35.386"
169	426719,15	1269917,66	52°41'3.048"	38°46'34.428"
170	426785,06	1269886,3	52°41'5.183"	38°46'32.772"
171	426832,76	1269880,96	52°41'6.727"	38°46'32.498"
172	426860,84	1269867,5	52°41'7.638"	38°46'31.789"

173	426882,68	1269847,47	52°41'8.347"	38°46'30.727"
174	426889	1269842,35	52°41'8.552"	38°46'30.454"
175	427036,35	1269773,88	52°41'13.330"	38°46'26.843"
176	427068,01	1269767,35	52°41'14.352"	38°46'26.501"
177	427300,84	1269644,74	52°41'21.901"	38°46'20.024"
178	427319,97	1269625,08	52°41'22.524"	38°46'18.980"
179	427423,57	1269558,55	52°41'25.883"	38°46'15.460"
180	427547,18	1269491,18	52°41'29.890"	38°46'11.899"
181	427747,5	1269424,11	52°41'36.380"	38°46'8.371"
182	427851,7	1269400,11	52°41'39.754"	38°46'7.115"
183	428198,06	1269280,91	52°41'50.975"	38°46'0.840"
184	428325,41	1269220,89	52°41'55.100"	38°45'57.672"
185	428397,6	1269188,7	52°41'57.440"	38°45'55.973"
186	428430,67	1269178,13	52°41'58.513"	38°45'55.418"
187	428528,97	1269157,62	52°42'1.696"	38°45'54.346"
188	428571,85	1269141,48	52°42'3.082"	38°45'53.496"
189	428765,22	1269043,31	52°42'9.353"	38°45'48.305"
190	428808,32	1269005,05	52°42'10.750"	38°45'46.278"
191	428879,89	1268950,2	52°42'13.072"	38°45'43.373"
192	428991,83	1268874,57	52°42'16.704"	38°45'39.366"
193	429059,14	1268832,97	52°42'18.886"	38°45'37.166"
194	429134,1	1268791,74	52°42'21.316"	38°45'34.985"
195	429229,8	1268732,95	52°42'24.419"	38°45'31.874"
196	429337,96	1268659,18	52°42'27.929"	38°45'27.965"
197	429464,75	1268559,33	52°42'32.040"	38°45'22.673"
198	429517,9	1268501,91	52°42'33.768"	38°45'19.627"
199	429538,22	1268467,04	52°42'34.430"	38°45'17.773"
200	429583,9	1268417,1	52°42'35.914"	38°45'15.120"
201	429668,85	1268291,49	52°42'38.678"	38°45'8.449"
202	429687,67	1268259,56	52°42'39.290"	38°45'6.750"
203	429726,63	1268154,71	52°42'40.561"	38°45'1.174"
204	429735,76	1268082,34	52°42'40.867"	38°44'57.322"
205	429724,12	1267904,31	52°42'40.511"	38°44'47.836"
206	429727,04	1267873,14	52°42'40.608"	38°44'46.176"
207	429695,45	1267774,63	52°42'39.600"	38°44'40.924"
208	429629,57	1267711,54	52°42'37.476"	38°44'37.550"
209	429593,27	1267640,25	52°42'36.310"	38°44'33.745"
210	429586,75	1267590,76	52°42'36.104"	38°44'31.106"
211	429465,97	1267435,32	52°42'32.216"	38°44'22.805"
212	429408,24	1267372,18	52°42'30.355"	38°44'19.432"
213	429358,05	1267307,58	52°42'28.739"	38°44'15.979"
214	429236,39	1267226,06	52°42'24.811"	38°44'11.616"
215	429206,42	1267205,81	52°42'23.843"	38°44'10.532"
216	429127,19	1267154,28	52°42'21.287"	38°44'7.771"
217	429063,31	1267096,3	52°42'19.228"	38°44'4.672"
218	428989,81	1267012,63	52°42'16.859"	38°44'0.204"
219	428968,37	1266997,9	52°42'16.168"	38°43'59.416"
220	428934,61	1266956,16	52°42'15.080"	38°43'57.184"
221	428923,36	1266930,35	52°42'14.717"	38°43'55.808"
222	428867,86	1266855,25	52°42'12.931"	38°43'51.798"
223	428758,07	1266688,9	52°42'9.400"	38°43'42.920"
224	428721,45	1266616,67	52°42'8.222"	38°43'39.065"

225	428713,45	1266607,64	52°42'7.963"	38°43'38.582"
226	428667,73	1266538,16	52°42'6.491"	38°43'34.874"
227	428647,41	1266518,01	52°42'5.836"	38°43'33.798"
228	428601,69	1266452,81	52°42'4.363"	38°43'30.317"
229	428572,85	1266394,08	52°42'3.438"	38°43'27.185"
230	428538,24	1266316,53	52°42'2.326"	38°43'23.048"
231	428536,47	1266312,7	52°42'2.272"	38°43'22.847"
232	428529,26	1266296,59	52°42'2.038"	38°43'21.986"
233	428504,48	1266248,24	52°42'1.242"	38°43'19.405"
234	428499,61	1266243,61	52°42'1.084"	38°43'19.160"
235	428490,28	1266231,89	52°42'0.785"	38°43'18.534"
236	428459,68	1266210,89	52°41'59.798"	38°43'17.411"
237	428425,68	1266187,44	52°41'58.700"	38°43'16.154"
238	428394,14	1266152,2	52°41'57.682"	38°43'14.272"
239	428389,49	1266145,56	52°41'57.534"	38°43'13.919"
240	428361,72	1266088,33	52°41'56.641"	38°43'10.866"
241	428358,14	1266061,43	52°41'56.526"	38°43'9.433"
242	428331,91	1266029,01	52°41'55.684"	38°43'7.702"
243	428277,89	1265988,31	52°41'53.941"	38°43'5.524"
244	428236,85	1265973,46	52°41'52.613"	38°43'4.728"
245	428226,02	1265968,14	52°41'52.264"	38°43'4.444"
246	428195,89	1265949,89	52°41'51.292"	38°43'3.464"
247	428174,19	1265933,97	52°41'50.590"	38°43'2.615"
248	427916,81	1265669,11	52°41'42.292"	38°42'48.467"
249	427914,16	1265666,08	52°41'42.205"	38°42'48.305"
250	427624,39	1265364,71	52°41'32.863"	38°42'32.209"
251	427318,63	1265079,89	52°41'22.999"	38°42'16.996"
252	427282,8	1265043,18	52°41'21.844"	38°42'15.034"
253	427273,45	1265035,77	52°41'21.541"	38°42'14.638"
254	427197,49	1264974,03	52°41'19.093"	38°42'11.340"
255	427186,93	1264966,48	52°41'18.751"	38°42'10.937"
256	427094,12	1264905,51	52°41'15.756"	38°42'7.675"
257	426985,39	1264838,85	52°41'12.242"	38°42'4.108"
258	426895,71	1264776,84	52°41'9.348"	38°42'0.792"
259	426843,59	1264728,43	52°41'7.667"	38°41'58.207"
260	426841,92	1264726,77	52°41'7.613"	38°41'58.117"
261	426754,73	1264639,66	52°41'4.801"	38°41'53.466"
262	426680,05	1264567,29	52°41'2.393"	38°41'49.603"
263	426596,98	1264485,25	52°40'59.711"	38°41'45.222"
264	426448,82	1264348,45	52°40'54.934"	38°41'37.918"
265	426410,6	1264306,86	52°40'53.699"	38°41'35.696"
266	426392,98	1264301,65	52°40'53.130"	38°41'35.416"
267	426346,21	1264281,35	52°40'51.618"	38°41'34.328"
268	426236,53	1264177,21	52°40'48.079"	38°41'28.770"
269	426194,34	1264119,98	52°40'46.722"	38°41'25.717"
270	426118,12	1264066,03	52°40'44.260"	38°41'22.834"
271	425780,84	1263840,12	52°40'33.370"	38°41'10.759"
272	425568,65	1263662,2	52°40'26.522"	38°41'1.259"
273	425184,21	1263323,45	52°40'14.117"	38°40'43.172"
274	425110,93	1263271,98	52°40'11.748"	38°40'40.422"
275	425028,94	1263208,39	52°40'9.102"	38°40'37.027"
276	424956,53	1263157,61	52°40'6.762"	38°40'34.316"

277	424915,91	1263119	52°40'5.452"	38°40'32.254"
278	424787,77	1263010,59	52°40'1.315"	38°40'26.468"
279	424615,07	1262872,65	52°39'55.742"	38°40'19.103"
280	424274,07	1262638,69	52°39'44.730"	38°40'6.607"
281	424013,23	1262440,84	52°39'36.306"	38°39'56.045"
282	423759,11	1262222,85	52°39'28.105"	38°39'44.413"
283	423706,67	1262086,27	52°39'26.420"	38°39'37.141"
284	423699,05	1261975,14	52°39'26.183"	38°39'31.226"
285	423730,82	1261854,27	52°39'27.220"	38°39'24.800"
286	423790,32	1261675,95	52°39'29.156"	38°39'15.322"
287	423895,96	1261481,53	52°39'32.591"	38°39'4.990"
288	424015,41	1261201,96	52°39'36.475"	38°38'50.132"
289	424021,04	1261168,36	52°39'36.659"	38°38'48.343"
290	424037,6	1261100,02	52°39'37.199"	38°38'44.711"
291	424061,8	1261036,98	52°39'37.987"	38°38'41.359"
292	424098,05	1260977,61	52°39'39.164"	38°38'38.206"
293	424148,84	1260926,96	52°39'40.810"	38°38'35.516"
294	424200,97	1260886,78	52°39'42.502"	38°38'33.385"
295	424243,9	1260858,95	52°39'43.891"	38°38'31.909"
296	424259,57	1260834,46	52°39'44.399"	38°38'30.606"
297	424281,22	1260775,55	52°39'45.104"	38°38'27.478"
298	424315,37	1260574,95	52°39'46.224"	38°38'16.807"
299	424330,9	1260310,47	52°39'46.742"	38°38'2.735"
300	424322,67	1259887,69	52°39'46.505"	38°37'40.238"
301	424310,56	1259562,08	52°39'46.134"	38°37'22.912"
302	424298,25	1259443,57	52°39'45.745"	38°37'16.608"
303	424288,76	1259378,31	52°39'45.439"	38°37'13.134"
304	424260,09	1259217,39	52°39'44.525"	38°37'4.570"
305	424259,79	1259215,74	52°39'44.514"	38°37'4.480"
306	424234,6	1259058,76	52°39'43.708"	38°36'56.124"
307	424219,76	1258918,63	52°39'43.236"	38°36'48.668"
308	424215,71	1258844,81	52°39'43.110"	38°36'44.741"
309	424201,03	1258805,45	52°39'42.638"	38°36'42.646"
310	424094,66	1258677,76	52°39'39.204"	38°36'35.842"
311	424070,66	1258645,29	52°39'38.430"	38°36'34.110"
312	424002,76	1258610,35	52°39'36.234"	38°36'32.245"
313	423944,17	1258542,43	52°39'34.344"	38°36'28.627"
314	423917,36	1258467,87	52°39'33.480"	38°36'24.656"
315	423919,03	1258371	52°39'33.538"	38°36'19.501"
316	423694,72	1258041,76	52°39'26.298"	38°36'1.966"
317	423572,97	1257937,22	52°39'22.367"	38°35'56.396"
318	423519,48	1257906,43	52°39'20.639"	38°35'54.751"
319	423378,06	1257860,08	52°39'16.063"	38°35'52.274"
320	423288,02	1257841,37	52°39'13.154"	38°35'51.270"
321	423248,32	1257832,67	52°39'11.869"	38°35'50.806"
322	423078,82	1257785,47	52°39'6.386"	38°35'48.282"
323	422774,41	1257701,32	52°38'56.544"	38°35'43.778"
324	422617,88	1257661,17	52°38'51.482"	38°35'41.629"
325	422507,73	1257640,23	52°38'47.918"	38°35'40.506"
326	422367,88	1257597,76	52°38'43.397"	38°35'38.238"
327	422344,11	1257588,31	52°38'42.630"	38°35'37.734"
328	422277,52	1257579,84	52°38'40.474"	38°35'37.277"

329	422233,83	1257590,79	52°38'39.062"	38°35'37.856"
330	422110,04	1257633,58	52°38'35.056"	38°35'40.121"
331	422041,08	1257647,68	52°38'32.824"	38°35'40.866"
332	421920,85	1257655,61	52°38'28.932"	38°35'41.276"
333	421864,34	1257657,71	52°38'27.103"	38°35'41.384"
334	421703,79	1257642,93	52°38'21.912"	38°35'40.585"
335	421530,55	1257602,08	52°38'16.310"	38°35'38.400"
336	421487,78	1257588,96	52°38'14.924"	38°35'37.698"
337	421466,18	1257583,24	52°38'14.226"	38°35'37.392"
338	421437,98	1257577,37	52°38'13.315"	38°35'37.079"
339	421407,03	1257573,62	52°38'12.314"	38°35'36.874"
340	421343,13	1257569,46	52°38'10.248"	38°35'36.647"
341	421306,13	1257564,76	52°38'9.049"	38°35'36.395"
342	421191,03	1257553,6	52°38'5.327"	38°35'35.794"
343	421149,9	1257544,5	52°38'3.998"	38°35'35.308"
344	421131,24	1257541,27	52°38'3.394"	38°35'35.131"
345	421103,32	1257545,11	52°38'2.490"	38°35'35.333"
346	421055,5	1257548,08	52°38'0.942"	38°35'35.488"
347	421040,28	1257548,44	52°38'0.452"	38°35'35.506"
348	420910,26	1257539	52°37'56.244"	38°35'34.994"
349	420851,09	1257526,82	52°37'54.332"	38°35'34.343"
350	420766,64	1257501,83	52°37'51.600"	38°35'33.007"
351	420688,98	1257504,08	52°37'49.087"	38°35'33.119"
352	420661,74	1257498,88	52°37'48.209"	38°35'32.842"
353	420416,69	1257400,76	52°37'40.285"	38°35'27.604"
354	420256,35	1257317,68	52°37'35.101"	38°35'23.176"
355	420241,16	1257304,9	52°37'34.612"	38°35'22.495"
356	420183,66	1257243,93	52°37'32.754"	38°35'19.248"
357	420127,65	1257165,85	52°37'30.943"	38°35'15.094"
358	420074,62	1257083,81	52°37'29.233"	38°35'10.727"
359	420035,29	1257026,33	52°37'27.962"	38°35'7.670"
360	420007,58	1256966,72	52°37'27.070"	38°35'4.499"
361	419902,52	1256642,77	52°37'23.686"	38°34'47.269"
362	419884,77	1256563,39	52°37'23.113"	38°34'43.046"
363	419804,2	1256294,79	52°37'20.521"	38°34'28.765"
364	419765,07	1256155,86	52°37'19.258"	38°34'21.374"
365	419753,25	1256111,23	52°37'18.880"	38°34'19.002"
366	419746,31	1256083,19	52°37'18.656"	38°34'17.512"
367	419738,67	1256044,45	52°37'18.408"	38°34'15.452"
368	419725,24	1255970,48	52°37'17.980"	38°34'11.518"
369	419647,87	1255573,14	52°37'15.488"	38°33'50.393"
370	419633,38	1255503,75	52°37'15.024"	38°33'46.703"
371	419628,65	1255471,6	52°37'14.873"	38°33'44.993"
372	419623,68	1255411,27	52°37'14.714"	38°33'41.785"
373	419594,55	1255166,8	52°37'13.778"	38°33'28.789"
374	419579,7	1254978,08	52°37'13.303"	38°33'18.756"
375	419552,23	1254771,83	52°37'12.421"	38°33'7.790"
376	419505,38	1254389,74	52°37'10.920"	38°32'47.479"
377	419490,34	1254290,16	52°37'10.434"	38°32'42.187"
378	419455,47	1254029,61	52°37'9.314"	38°32'28.334"
379	419455,4	1254028,73	52°37'9.311"	38°32'28.288"
380	419438,01	1253836,97	52°37'8.753"	38°32'18.092"

381	419437,06	1253805,52	52°37'8.724"	38°32'16.422"
382	419426,99	1253726,1	52°37'8.400"	38°32'12.199"
383	419427,35	1253563,23	52°37'8.414"	38°32'3.545"
384	419430,38	1253378,45	52°37'8.519"	38°31'53.720"
385	419437,97	1253301,42	52°37'8.764"	38°31'49.627"
386	419439,09	1253247,17	52°37'8.803"	38°31'46.744"
387	419447,66	1253196,96	52°37'9.080"	38°31'44.076"
388	419453,96	1253176,32	52°37'9.286"	38°31'42.978"
389	419449,23	1253041,88	52°37'9.134"	38°31'35.832"
390	419452,5	1252988,28	52°37'9.242"	38°31'32.981"
391	419462,66	1252952,26	52°37'9.570"	38°31'31.069"
392	419469,33	1252898,5	52°37'9.786"	38°31'28.211"
393	419527,37	1252736,29	52°37'11.669"	38°31'19.589"
394	419615,26	1252548,44	52°37'14.513"	38°31'9.606"
395	419691,81	1252425,38	52°37'16.993"	38°31'3.068"
396	419749,24	1252320,91	52°37'18.851"	38°30'57.517"
397	419726,61	1252181,36	52°37'18.120"	38°30'50.098"
398	419726,21	1252128,3	52°37'18.109"	38°30'47.275"
399	419658,74	1252056,71	52°37'15.928"	38°30'43.470"
400	419587,13	1252034,54	52°37'13.613"	38°30'42.289"
401	419586,27	1252034,32	52°37'13.584"	38°30'42.278"
402	419472,06	1252030,48	52°37'9.890"	38°30'42.070"
403	419375,55	1252022,23	52°37'6.766"	38°30'41.630"
404	419328,92	1252022,11	52°37'5.257"	38°30'41.623"
405	419267,86	1252012,45	52°37'3.284"	38°30'41.108"
406	419098,97	1252036,29	52°36'57.820"	38°30'42.372"
407	419035,82	1252042,76	52°36'55.775"	38°30'42.714"
408	419015,12	1252044,24	52°36'55.105"	38°30'42.793"
409	418882,71	1252040,9	52°36'50.821"	38°30'42.613"
410	418855,08	1252036,92	52°36'49.928"	38°30'42.401"
411	418718,03	1252050,67	52°36'45.493"	38°30'43.128"
412	418546,21	1252103,15	52°36'39.935"	38°30'45.914"
413	418522,9	1252105,22	52°36'39.182"	38°30'46.022"
414	418481,99	1252119,99	52°36'37.858"	38°30'46.807"
415	418412,67	1252133,12	52°36'35.615"	38°30'47.502"
416	418285,1	1252176,18	52°36'31.489"	38°30'49.788"
417	418224,75	1252190,04	52°36'29.534"	38°30'50.522"
418	418187,17	1252194,3	52°36'28.318"	38°30'50.749"
419	418141,13	1252197,73	52°36'26.831"	38°30'50.929"
420	418131,73	1252202,26	52°36'26.525"	38°30'51.170"
421	418090,32	1252238,13	52°36'25.186"	38°30'53.075"
422	418038,22	1252262,94	52°36'23.501"	38°30'54.392"
423	417988,09	1252277,62	52°36'21.877"	38°30'55.174"
424	417939,24	1252280,92	52°36'20.297"	38°30'55.346"
425	417878,3	1252285,61	52°36'18.324"	38°30'55.595"
426	417776	1252338,71	52°36'15.016"	38°30'58.414"
427	417606,39	1252420,53	52°36'9.526"	38°31'2.755"
428	417529,17	1252497,97	52°36'7.027"	38°31'6.870"
429	417220,07	1252724,62	52°35'57.023"	38°31'18.905"
430	416958,64	1253039,83	52°35'48.559"	38°31'35.641"
431	416862,37	1253136,79	52°35'45.445"	38°31'40.793"
432	416809,87	1253171,51	52°35'43.746"	38°31'42.632"

433	416757,9	1253209,03	52°35'42.061"	38°31'44.627"
434	416682,98	1253248,46	52°35'39.638"	38°31'46.718"
435	416662,54	1253254,98	52°35'38.976"	38°31'47.064"
436	416578,18	1253263,32	52°35'36.247"	38°31'47.503"
437	416537,23	1253257,04	52°35'34.922"	38°31'47.168"
438	416500,27	1253244,46	52°35'33.727"	38°31'46.499"
439	416477,28	1253230,72	52°35'32.986"	38°31'45.768"
440	416457,38	1253238,44	52°35'32.341"	38°31'46.178"
441	416452,31	1253238,59	52°35'32.176"	38°31'46.186"
442	416408,12	1253251,84	52°35'30.746"	38°31'46.888"
443	416380,1	1253254,19	52°35'29.839"	38°31'47.010"
444	416303,99	1253242,52	52°35'27.377"	38°31'46.391"
445	416247,55	1253219,68	52°35'25.552"	38°31'45.174"
446	416148,26	1253170,12	52°35'22.340"	38°31'42.539"
447	416104,1	1253140,22	52°35'20.915"	38°31'40.948"
448	415980,46	1253040,8	52°35'16.915"	38°31'35.663"
449	415945,56	1253018,69	52°35'15.788"	38°31'34.489"
450	415941,1	1253016,04	52°35'15.641"	38°31'34.349"
451	415903,82	1252993,84	52°35'14.438"	38°31'33.168"
452	415900,85	1252992,27	52°35'14.341"	38°31'33.082"
453	415835,16	1252946,91	52°35'12.217"	38°31'30.673"
454	415832,16	1252942,4	52°35'12.120"	38°31'30.432"
455	415827,61	1252939,47	52°35'11.972"	38°31'30.277"
456	415822,27	1252938,6	52°35'11.800"	38°31'30.230"
457	415816,55	1252936,81	52°35'11.616"	38°31'30.133"
458	415739,19	1252892,37	52°35'9.114"	38°31'27.772"
459	415691,14	1252853,68	52°35'7.559"	38°31'25.716"
460	415668,55	1252830,29	52°35'6.828"	38°31'24.474"
461	415645,22	1252801,58	52°35'6.076"	38°31'22.948"
462	415608,81	1252746,46	52°35'4.898"	38°31'20.017"
463	415593,62	1252718,15	52°35'4.405"	38°31'18.516"
464	415578,25	1252679,05	52°35'3.908"	38°31'16.435"
465	415540,34	1252547,64	52°35'2.684"	38°31'9.455"
466	415540,63	1252530,45	52°35'2.695"	38°31'8.544"
467	415536,43	1252518,07	52°35'2.558"	38°31'7.885"
468	415526,61	1252469,88	52°35'2.242"	38°31'5.326"
469	415525,16	1252451,36	52°35'2.195"	38°31'4.343"
470	415466,29	1252186,52	52°35'0.294"	38°30'50.274"
471	415462,15	1252171,63	52°35'0.161"	38°30'49.482"
472	415436,44	1252086,03	52°34'59.329"	38°30'44.935"
473	415428,73	1252048,47	52°34'59.081"	38°30'42.941"
474	415423,84	1252006,26	52°34'58.926"	38°30'40.702"
475	415423,74	1252005,37	52°34'58.922"	38°30'40.651"
476	415395,79	1251948,69	52°34'58.019"	38°30'37.642"
477	415376,35	1251895,29	52°34'57.389"	38°30'34.805"
478	415355,44	1251824,06	52°34'56.712"	38°30'31.021"
479	415351,08	1251765,29	52°34'56.572"	38°30'27.900"
480	415328,04	1251628	52°34'55.830"	38°30'20.606"
481	415327,97	1251616,95	52°34'55.826"	38°30'20.023"
482	415329,42	1251605,21	52°34'55.873"	38°30'19.397"
483	415329,46	1251566,02	52°34'55.877"	38°30'17.316"
484	415327,64	1251549,79	52°34'55.816"	38°30'16.456"

485	415316,51	1251535,03	52°34'55.459"	38°30'15.671"
486	415306,77	1251524,41	52°34'55.142"	38°30'15.106"
487	415259,61	1251453,97	52°34'53.616"	38°30'11.365"
488	415250	1251437,37	52°34'53.306"	38°30'10.483"
489	415233,23	1251402,3	52°34'52.763"	38°30'8.618"
490	415172,29	1251158,29	52°34'50.794"	38°29'55.662"
491	415132,91	1251035,38	52°34'49.523"	38°29'49.132"
492	415118,38	1250965,45	52°34'49.051"	38°29'45.416"
493	415118,12	1250955,15	52°34'49.044"	38°29'44.873"
494	415121,31	1250930,71	52°34'49.148"	38°29'43.573"
495	415104,28	1250896,04	52°34'48.598"	38°29'41.734"
496	415096,71	1250880,68	52°34'48.353"	38°29'40.916"
497	415070,94	1250863,95	52°34'47.518"	38°29'40.027"
498	415067,36	1250860,42	52°34'47.402"	38°29'39.840"
499	415026,8	1250803,14	52°34'46.088"	38°29'36.798"
500	415008,52	1250735,39	52°34'45.498"	38°29'33.198"
501	415014,57	1250667,74	52°34'45.696"	38°29'29.605"
502	415015,76	1250662,52	52°34'45.732"	38°29'29.328"
503	415014,64	1250657,29	52°34'45.696"	38°29'29.051"
504	415011,44	1250653	52°34'45.595"	38°29'28.824"
505	414934,3	1250497,66	52°34'43.097"	38°29'20.573"
506	414929,9	1250488,46	52°34'42.956"	38°29'20.087"
507	414910,48	1250458,99	52°34'42.326"	38°29'18.521"
508	414882,16	1250410,15	52°34'41.412"	38°29'15.925"
509	414872,67	1250385,77	52°34'41.106"	38°29'14.633"
510	414820,64	1250292,13	52°34'39.421"	38°29'9.658"
511	414798,94	1250252,48	52°34'38.719"	38°29'7.552"
512	414739,2	1250142,9	52°34'36.786"	38°29'1.734"
513	414568,14	1249874,57	52°34'31.253"	38°28'47.485"
514	414472,75	1249723,84	52°34'28.168"	38°28'39.482"
515	414375,09	1249566,42	52°34'25.007"	38°28'31.123"
516	414319,29	1249496,87	52°34'23.200"	38°28'27.430"
517	414319,04	1249496,47	52°34'23.192"	38°28'27.408"
518	414080,3	1249232,96	52°34'15.467"	38°28'13.418"
519	413834,19	1249045,26	52°34'7.507"	38°28'3.457"
520	413618,86	1248931,83	52°34'0.538"	38°27'57.434"
521	413258,28	1248723,39	52°33'48.870"	38°27'46.375"
522	413040,49	1248656,54	52°33'41.825"	38°27'42.829"
523	412797,33	1248654,2	52°33'33.959"	38°27'42.710"
524	412562,44	1248704,87	52°33'26.359"	38°27'45.403"
525	412376,87	1248748,41	52°33'20.358"	38°27'47.714"
526	412275,84	1248760,58	52°33'17.089"	38°27'48.362"
527	412088,99	1248781,31	52°33'11.045"	38°27'49.468"
528	412037,48	1248786,6	52°33'9.378"	38°27'49.748"
529	411616,57	1248784,55	52°32'55.759"	38°27'49.644"
530	411173,31	1248804,29	52°32'41.420"	38°27'50.699"
531	410961,71	1248803,25	52°32'34.573"	38°27'50.648"
532	410765,02	1248780,13	52°32'28.212"	38°27'49.424"
533	410559,2	1248740,55	52°32'21.552"	38°27'47.326"
534	410558,46	1248740,35	52°32'21.527"	38°27'47.315"
535	410326,89	1248675,74	52°32'14.035"	38°27'43.891"
536	410197,71	1248626,04	52°32'9.856"	38°27'41.256"

537	410071,55	1248563,43	52°32'5.773"	38°27'37.937"
538	409895,36	1248470,07	52°32'0.074"	38°27'32.987"
539	409751,93	1248361,19	52°31'55.430"	38°27'27.212"
540	409567,23	1248235,17	52°31'49.454"	38°27'20.531"
541	409858,74	1247813,26	52°31'58.879"	38°26'58.142"
542	409860,02	1247814,17	52°31'58.922"	38°26'58.189"
543	409984,57	1247904,84	52°32'2.951"	38°27'2.999"
544	410124,61	1247991,35	52°32'7.483"	38°27'7.585"
545	410229,47	1248058	52°32'10.878"	38°27'11.117"
546	410424,3	1248164,82	52°32'17.182"	38°27'16.780"
547	410548,43	1248216,65	52°32'21.199"	38°27'19.530"
548	410772,68	1248277,83	52°32'28.453"	38°27'22.770"
549	410917,88	1248299,29	52°32'33.151"	38°27'23.908"
550	411016,28	1248308,21	52°32'36.334"	38°27'24.379"
551	411088,92	1248305,51	52°32'38.684"	38°27'24.232"
552	411335,48	1248282,39	52°32'46.662"	38°27'23.000"
553	411470,66	1248273,31	52°32'51.036"	38°27'22.518"
554	411649,77	1248253,31	52°32'56.828"	38°27'21.452"
555	411777,05	1248242,91	52°33'0.947"	38°27'20.898"
556	412192,93	1248230,72	52°33'14.400"	38°27'20.243"
557	412332,51	1248202,78	52°33'18.914"	38°27'18.756"
558	412621,49	1248135,5	52°33'28.264"	38°27'15.178"
559	412743,64	1248123,6	52°33'32.216"	38°27'14.544"
560	412792,36	1248124,65	52°33'33.790"	38°27'14.598"
561	412830,43	1248134,8	52°33'35.024"	38°27'15.138"
562	412869,59	1248127,77	52°33'36.292"	38°27'14.764"
563	412917,81	1248125,03	52°33'37.850"	38°27'14.616"
564	412998,34	1248112,41	52°33'40.457"	38°27'13.946"
565	413099,33	1248118,04	52°33'43.722"	38°27'14.242"
566	413235,23	1248165,22	52°33'48.121"	38°27'16.744"
567	413508,87	1248269,54	52°33'56.974"	38°27'22.277"
568	413729,37	1248384,13	52°34'4.109"	38°27'28.357"
569	413944,22	1248506,31	52°34'11.060"	38°27'34.837"
570	414193,13	1248656,19	52°34'19.114"	38°27'42.793"
571	414410,83	1248824,25	52°34'26.159"	38°27'51.714"
572	414555,79	1248957,14	52°34'30.850"	38°27'58.766"
573	414743,6	1249174,28	52°34'36.926"	38°28'10.297"
574	414885,18	1249413,58	52°34'41.509"	38°28'23.002"
575	415009,18	1249656,79	52°34'45.520"	38°28'35.918"
576	415249,87	1249974,11	52°34'53.306"	38°28'52.770"
577	415377,01	1250164,89	52°34'57.421"	38°29'2.900"
578	415451,79	1250312,19	52°34'59.840"	38°29'10.727"
579	415465,34	1250359,31	52°35'0.280"	38°29'13.229"
580	415517,94	1250462,91	52°35'1.979"	38°29'18.730"
581	415536,66	1250544,54	52°35'2.587"	38°29'23.068"
582	415573,98	1250597,5	52°35'3.793"	38°29'25.879"
583	415659,79	1250810,43	52°35'6.569"	38°29'37.190"
584	415659,77	1250901,57	52°35'6.565"	38°29'42.029"
585	415648,61	1250930,75	52°35'6.205"	38°29'43.580"
586	415642,51	1250948,37	52°35'6.007"	38°29'44.516"
587	415642,48	1250952,79	52°35'6.007"	38°29'44.750"
588	415647,88	1250966,3	52°35'6.184"	38°29'45.467"

589	415655,88	1251002,53	52°35'6.439"	38°29'47.393"
590	415659,67	1251073,78	52°35'6.562"	38°29'51.176"
591	415675,5	1251122,15	52°35'7.073"	38°29'53.747"
592	415708,14	1251195,02	52°35'8.131"	38°29'57.617"
593	415716,21	1251228,15	52°35'8.390"	38°29'59.377"
594	415740,45	1251264,02	52°35'9.175"	38°30'1.282"
595	415757,21	1251294,04	52°35'9.715"	38°30'2.876"
596	415781,09	1251359,07	52°35'10.489"	38°30'6.332"
597	415829,97	1251447,74	52°35'12.070"	38°30'11.041"
598	415842,13	1251480,09	52°35'12.462"	38°30'12.762"
599	415846,99	1251499,38	52°35'12.620"	38°30'13.784"
600	415851,14	1251551,85	52°35'12.754"	38°30'16.571"
601	415865,32	1251625,62	52°35'13.211"	38°30'20.491"
602	415883,34	1251704,02	52°35'13.794"	38°30'24.656"
603	415887,57	1251778	52°35'13.931"	38°30'28.584"
604	415913,72	1251825,72	52°35'14.773"	38°30'31.122"
605	415924,25	1251853,63	52°35'15.115"	38°30'32.602"
606	415933,07	1251893,69	52°35'15.400"	38°30'34.733"
607	415934,14	1251910,5	52°35'15.436"	38°30'35.626"
608	415969,85	1251997,87	52°35'16.588"	38°30'40.266"
609	416007,77	1252131,71	52°35'17.815"	38°30'47.376"
610	416025,8	1252267,2	52°35'18.395"	38°30'54.572"
611	416033,74	1252401,97	52°35'18.650"	38°31'1.733"
612	416035,03	1252410,98	52°35'18.690"	38°31'2.212"
613	416049,06	1252430,43	52°35'19.144"	38°31'3.245"
614	416099,61	1252542,01	52°35'20.778"	38°31'9.170"
615	416215,96	1252622,11	52°35'24.540"	38°31'13.429"
616	416315,03	1252686,16	52°35'27.744"	38°31'16.835"
617	416410	1252746,66	52°35'30.818"	38°31'20.053"
618	416424,26	1252753,77	52°35'31.279"	38°31'20.431"
619	416424,52	1252753,82	52°35'31.286"	38°31'20.431"
620	416475,57	1252756,12	52°35'32.939"	38°31'20.557"
621	416503,36	1252754,64	52°35'33.839"	38°31'20.478"
622	416523,21	1252752,58	52°35'34.480"	38°31'20.370"
623	416559,94	1252745,91	52°35'35.668"	38°31'20.017"
624	416581,1	1252740,41	52°35'36.352"	38°31'19.726"
625	416655,7	1252662,67	52°35'38.767"	38°31'15.596"
626	416823,64	1252441,73	52°35'44.203"	38°31'3.864"
627	416889,32	1252371,86	52°35'46.331"	38°31'0.152"
628	417099,49	1252209,42	52°35'53.131"	38°30'51.527"
629	417302,74	1252045,32	52°35'59.708"	38°30'42.815"
630	417581,73	1251880,4	52°36'8.737"	38°30'34.056"
631	417746,37	1251805,28	52°36'14.065"	38°30'30.067"
632	418037,88	1251713,89	52°36'23.494"	38°30'25.218"
633	418042,97	1251712,74	52°36'23.659"	38°30'25.157"
634	418065,06	1251711,08	52°36'24.376"	38°30'25.067"
635	418090,49	1251705,23	52°36'25.196"	38°30'24.757"
636	418115,16	1251691,78	52°36'25.996"	38°30'24.044"
637	418317,63	1251630,27	52°36'32.548"	38°30'20.779"
638	418557,73	1251569,76	52°36'40.313"	38°30'17.568"
639	418721,19	1251534,58	52°36'45.601"	38°30'15.700"
640	419074,59	1251495,95	52°36'57.035"	38°30'13.651"

641	419124,56	1251492,94	52°36'58.651"	38°30'13.493"
642	419165,05	1251494,91	52°36'59.962"	38°30'13.597"
643	419223,25	1251509,52	52°37'1.844"	38°30'14.375"
644	419236,1	1251517,35	52°37'2.262"	38°30'14.792"
645	419271,94	1251520,46	52°37'3.421"	38°30'14.958"
646	419282,55	1251516,49	52°37'3.763"	38°30'14.746"
647	419382,77	1251502,1	52°37'7.007"	38°30'13.982"
648	419461,03	1251503,43	52°37'9.538"	38°30'14.054"
649	419581,26	1251517,88	52°37'13.426"	38°30'14.825"
650	419766,8	1251553,26	52°37'19.430"	38°30'16.708"
651	419808,33	1251569,64	52°37'20.773"	38°30'17.579"
652	419884,18	1251616,37	52°37'23.225"	38°30'20.066"
653	419971,39	1251657,19	52°37'26.047"	38°30'22.237"
654	420081,21	1251747,26	52°37'29.600"	38°30'27.029"
655	420148,11	1251817,47	52°37'31.764"	38°30'30.762"
656	420206,86	1251922,32	52°37'33.661"	38°30'36.335"
657	420226,2	1251950,6	52°37'34.288"	38°30'37.840"
658	420246,6	1252021,36	52°37'34.946"	38°30'41.602"
659	420244,41	1252083,3	52°37'34.874"	38°30'44.896"
660	420276,32	1252169,17	52°37'35.904"	38°30'49.460"
661	420277,17	1252245,45	52°37'35.933"	38°30'53.518"
662	420265,82	1252336,36	52°37'35.562"	38°30'58.349"
663	420226,27	1252479,45	52°37'34.280"	38°31'5.956"
664	420180,66	1252548,39	52°37'32.804"	38°31'9.620"
665	420059,02	1252763,53	52°37'28.866"	38°31'21.054"
666	419967,98	1252960,97	52°37'25.918"	38°31'31.548"
667	419934,4	1253032,79	52°37'24.830"	38°31'35.364"
668	419929,01	1253076,48	52°37'24.654"	38°31'37.686"
669	419937,1	1253268,48	52°37'24.913"	38°31'47.892"
670	419920,55	1253435,53	52°37'24.373"	38°31'56.773"
671	419925,72	1253502,38	52°37'24.539"	38°32'0.326"
672	419924,1	1253698,57	52°37'24.481"	38°32'10.756"
673	419932,84	1253762,41	52°37'24.762"	38°32'14.150"
674	420004,71	1254343,55	52°37'27.073"	38°32'45.046"
675	420028,84	1254451,08	52°37'27.851"	38°32'50.766"
676	420033,52	1254476,91	52°37'28.002"	38°32'52.138"
677	420051,52	1254618,49	52°37'28.578"	38°32'59.665"
678	420084,28	1254938,19	52°37'29.629"	38°33'16.664"
679	420113,38	1255136,21	52°37'30.565"	38°33'27.191"
680	420132,86	1255275,95	52°37'31.192"	38°33'34.621"
681	420157,96	1255374,92	52°37'31.998"	38°33'39.884"
682	420159,38	1255411,01	52°37'32.045"	38°33'41.803"
683	420163,74	1255511,91	52°37'32.182"	38°33'47.167"
684	420193,27	1255699,68	52°37'33.128"	38°33'57.154"
685	420228,87	1255869,87	52°37'34.273"	38°34'6.200"
686	420318,45	1256232,36	52°37'37.157"	38°34'25.478"
687	420388,82	1256482,03	52°37'39.425"	38°34'38.759"
688	420457,26	1256716,59	52°37'41.628"	38°34'51.233"
689	420481,3	1256774,24	52°37'42.406"	38°34'54.300"
690	420545,49	1256897,37	52°37'44.476"	38°35'0.852"
691	420595,58	1256954,14	52°37'46.092"	38°35'3.872"
692	420715,74	1257004,56	52°37'49.976"	38°35'6.562"

693	420716,92	1257005,03	52°37'50.016"	38°35'6.587"
694	420717,99	1257005,26	52°37'50.052"	38°35'6.601"
695	420840,41	1257030,45	52°37'54.008"	38°35'7.948"
696	420968,54	1257059,75	52°37'58.152"	38°35'9.517"
697	421003,1	1257066,09	52°37'59.272"	38°35'9.856"
698	421154,81	1257065,7	52°38'4.178"	38°35'9.845"
699	421227,41	1257074,99	52°38'6.529"	38°35'10.345"
700	421276,25	1257079,14	52°38'8.106"	38°35'10.572"
701	421306,93	1257084,81	52°38'9.100"	38°35'10.874"
702	421408,77	1257086,91	52°38'12.394"	38°35'10.993"
703	421429,76	1257090,25	52°38'13.074"	38°35'11.173"
704	421499,19	1257087,55	52°38'15.320"	38°35'11.036"
705	421667,54	1257123,11	52°38'20.764"	38°35'12.937"
706	421691,09	1257128,68	52°38'21.527"	38°35'13.236"
707	421721,65	1257132,34	52°38'22.513"	38°35'13.434"
708	421799,2	1257148,66	52°38'25.022"	38°35'14.309"
709	421818,18	1257152,79	52°38'25.634"	38°35'14.528"
710	421875,71	1257151,58	52°38'27.496"	38°35'14.467"
711	421921,47	1257141,68	52°38'28.979"	38°35'13.945"
712	421939,41	1257137,81	52°38'29.558"	38°35'13.740"
713	421986,16	1257133,02	52°38'31.070"	38°35'13.488"
714	422059,79	1257108,68	52°38'33.454"	38°35'12.199"
715	422204,16	1257073,37	52°38'38.126"	38°35'10.334"
716	422279,7	1257066,52	52°38'40.571"	38°35'9.974"
717	422317,75	1257066,32	52°38'41.802"	38°35'9.967"
718	422371,49	1257072,27	52°38'43.541"	38°35'10.288"
719	422533,48	1257107,83	52°38'48.779"	38°35'12.192"
720	422591,78	1257127,9	52°38'50.665"	38°35'13.265"
721	422685,2	1257144,89	52°38'53.686"	38°35'14.176"
722	422760,26	1257164,9	52°38'56.112"	38°35'15.245"
723	422837,67	1257180,26	52°38'58.618"	38°35'16.069"
724	422881,08	1257189,76	52°39'0.022"	38°35'16.577"
725	422901,28	1257199,15	52°39'0.673"	38°35'17.077"
726	422918,58	1257200,04	52°39'1.231"	38°35'17.128"
727	422976,55	1257209,47	52°39'3.107"	38°35'17.632"
728	423079,94	1257238,28	52°39'6.451"	38°35'19.172"
729	423146,94	1257253,11	52°39'8.618"	38°35'19.968"
730	423445,9	1257336,98	52°39'18.284"	38°35'24.454"
731	423611,51	1257391,55	52°39'23.641"	38°35'27.370"
732	423640,92	1257407,67	52°39'24.592"	38°35'28.230"
733	423641,21	1257407,74	52°39'24.599"	38°35'28.234"
734	423691,35	1257421,79	52°39'26.222"	38°35'28.982"
735	423786,13	1257469,8	52°39'29.286"	38°35'31.546"
736	423861,79	1257527,13	52°39'31.730"	38°35'34.602"
737	423935,94	1257577,7	52°39'34.128"	38°35'37.298"
738	424040,41	1257676,92	52°39'37.501"	38°35'42.587"
739	424074,35	1257719,08	52°39'38.596"	38°35'44.833"
740	424190,34	1257888,21	52°39'42.340"	38°35'53.840"
741	424247,29	1257975,94	52°39'44.179"	38°35'58.513"
742	424292,36	1258033,82	52°39'45.634"	38°36'1.595"
743	424323,05	1258065,37	52°39'46.624"	38°36'3.276"
744	424398,61	1258147,62	52°39'49.064"	38°36'7.661"

745	424445,47	1258201,77	52°39'50.580"	38°36'10.544"
746	424518,39	1258299,61	52°39'52.931"	38°36'15.757"
747	424563,1	1258365,13	52°39'54.374"	38°36'19.249"
748	424608,54	1258454,35	52°39'55.840"	38°36'24.001"
749	424641,67	1258540,16	52°39'56.905"	38°36'28.570"
750	424699,77	1258809,59	52°39'58.770"	38°36'42.912"
751	424723,41	1258945,86	52°39'59.530"	38°36'50.166"
752	424813,19	1259473,99	52°40'2.399"	38°37'18.278"
753	424817,04	1259549,21	52°40'2.521"	38°37'22.282"
754	424819,29	1259625,38	52°40'2.590"	38°37'26.335"
755	424812,53	1259727,07	52°40'2.363"	38°37'31.746"
756	424819,69	1259944,56	52°40'2.582"	38°37'43.320"
757	424829,44	1260155,9	52°40'2.881"	38°37'54.566"
758	424832,78	1260264,88	52°40'2.982"	38°38'0.366"
759	424835,62	1260395,63	52°40'3.065"	38°38'7.325"
760	424826,61	1260551,87	52°40'2.762"	38°38'15.637"
761	424795,44	1260748,6	52°40'1.740"	38°38'26.102"
762	424775,72	1260821,5	52°40'1.099"	38°38'29.980"
763	424755,56	1260883,61	52°40'0.440"	38°38'33.281"
764	424738,45	1260932,33	52°39'59.886"	38°38'35.873"
765	424721,09	1260966,17	52°39'59.321"	38°38'37.669"
766	424693,85	1261019,77	52°39'58.435"	38°38'40.520"
767	424693,64	1261020,34	52°39'58.428"	38°38'40.549"
768	424649,55	1261146,51	52°39'56.995"	38°38'47.260"
769	424633,9	1261227,65	52°39'56.480"	38°38'51.572"
770	424617,05	1261309,44	52°39'55.930"	38°38'55.925"
771	424594,07	1261351,27	52°39'55.184"	38°38'58.146"
772	424496,43	1261453,02	52°39'52.016"	38°39'3.550"
773	424427,63	1261522,3	52°39'49.784"	38°39'7.225"
774	424362,57	1261666,82	52°39'47.671"	38°39'14.908"
775	424252,51	1261874,5	52°39'44.093"	38°39'25.945"
776	424205,53	1262000,18	52°39'42.563"	38°39'32.623"
777	424210,17	1262011,6	52°39'42.714"	38°39'33.235"
778	424314,32	1262079,08	52°39'46.076"	38°39'36.839"
779	424467,08	1262181,94	52°39'51.012"	38°39'42.329"
780	424688,46	1262324,33	52°39'58.162"	38°39'49.936"
781	424814,58	1262407,51	52°40'2.233"	38°39'54.378"
782	424987,33	1262523,53	52°40'7.813"	38°40'0.577"
783	425205,61	1262699,42	52°40'14.862"	38°40'9.966"
784	425376,89	1262833,68	52°40'20.392"	38°40'17.137"
785	425557,47	1262978,88	52°40'26.220"	38°40'24.888"
786	426173,54	1263477,7	52°40'46.106"	38°40'51.524"
787	426424,13	1263651,87	52°40'54.199"	38°41'0.834"
788	426590,41	1263817,55	52°40'59.563"	38°41'9.679"
789	426786,14	1263978,43	52°41'5.878"	38°41'18.272"
790	426791,75	1263982,91	52°41'6.061"	38°41'18.510"
791	427084,08	1264246,41	52°41'15.493"	38°41'32.582"
792	427225,13	1264362,94	52°41'20.044"	38°41'38.810"
793	427325,32	1264444,78	52°41'23.280"	38°41'43.181"
794	427463,39	1264533,49	52°41'27.737"	38°41'47.926"
795	427608,58	1264630,8	52°41'32.424"	38°41'53.131"
796	427731,1	1264724,23	52°41'36.380"	38°41'58.124"

797	427806,02	1264788,09	52°41'38.796"	38°42'1.537"
798	428047,22	1265025,42	52°41'46.576"	38°42'14.213"
799	428103,85	1265109,22	52°41'48.401"	38°42'18.684"
800	428160,12	1265169,8	52°41'50.215"	38°42'21.920"
801	428221,25	1265251,95	52°41'52.184"	38°42'26.305"
802	428274,37	1265324,6	52°41'53.894"	38°42'30.182"
803	428291,59	1265364,14	52°41'54.449"	38°42'32.292"
804	428337,53	1265393,51	52°41'55.932"	38°42'33.862"
805	428370,59	1265416,5	52°41'56.998"	38°42'35.093"
806	428445,69	1265447,26	52°41'59.424"	38°42'36.742"
807	428531,49	1265490,57	52°42'2.196"	38°42'39.064"
808	428569,24	1265520,26	52°42'3.413"	38°42'40.651"
809	428638,26	1265584,44	52°42'5.641"	38°42'44.082"
810	428675,43	1265629,41	52°42'6.836"	38°42'46.480"
811	428717,02	1265670,42	52°42'8.179"	38°42'48.672"
812	428753,91	1265721,2	52°42'9.367"	38°42'51.383"
813	428780,63	1265768,54	52°42'10.228"	38°42'53.910"
814	428813,6	1265830,45	52°42'11.286"	38°42'57.211"
815	428917,96	1265958,97	52°42'14.648"	38°43'4.073"
816	429004,01	1266075,29	52°42'17.420"	38°43'10.283"
817	429040,46	1266148,8	52°42'18.590"	38°43'14.207"
818	429063,56	1266228,13	52°42'19.332"	38°43'18.433"
819	429115,68	1266308,72	52°42'21.010"	38°43'22.735"
820	429208,16	1266433,21	52°42'23.987"	38°43'29.384"
821	429282,55	1266565	52°42'26.377"	38°43'36.415"
822	429318,18	1266625,22	52°42'27.526"	38°43'39.630"
823	429341,22	1266659,16	52°42'28.267"	38°43'41.441"
824	429458,22	1266781,15	52°42'32.036"	38°43'47.960"
825	429590	1266867,69	52°42'36.292"	38°43'52.594"
826	429624,78	1266888,4	52°42'37.415"	38°43'53.702"
827	429650,07	1266907,12	52°42'38.232"	38°43'54.703"
828	429666,04	1266920,02	52°42'38.747"	38°43'55.394"
829	429728,65	1266985,21	52°42'40.763"	38°43'58.879"
830	429763,17	1267040,96	52°42'41.875"	38°44'1.856"
831	429773,91	1267064,14	52°42'42.217"	38°44'3.091"
832	429782,13	1267096,99	52°42'42.480"	38°44'4.844"
833	429817,86	1267129,63	52°42'43.632"	38°44'6.587"
834	429874,07	1267190,54	52°42'45.446"	38°44'9.845"
835	429972,18	1267301,45	52°42'48.607"	38°44'15.770"
836	430016,59	1267353,07	52°42'50.036"	38°44'18.528"
837	430066,02	1267398,47	52°42'51.631"	38°44'20.954"
838	430097,99	1267443,32	52°42'52.661"	38°44'23.352"
839	430112,17	1267474,35	52°42'53.114"	38°44'25.008"
840	430120,11	1267512,74	52°42'53.366"	38°44'27.053"
841	430127,23	1267533,51	52°42'53.597"	38°44'28.162"
842	430140,2	1267566,49	52°42'54.011"	38°44'29.918"
843	430153,14	1267611,65	52°42'54.425"	38°44'32.327"
844	430169,56	1267678,23	52°42'54.947"	38°44'35.880"
845	430195,42	1267865,14	52°42'55.764"	38°44'45.841"
846	430209,1	1267913,28	52°42'56.200"	38°44'48.408"
847	430213,62	1268010,23	52°42'56.333"	38°44'53.574"
848	430204,75	1268093,76	52°42'56.038"	38°44'58.020"

849	430190,94	1268221,1	52°42'55.577"	38°45'4.802"
850	430148,1	1268386,94	52°42'54.169"	38°45'13.630"
851	430141,43	1268406,44	52°42'53.950"	38°45'14.666"
852	430058,14	1268545,82	52°42'51.239"	38°45'22.072"
853	430052,15	1268563,65	52°42'51.044"	38°45'23.022"
854	429990,33	1268674,46	52°42'49.028"	38°45'28.912"
855	429885,89	1268804,43	52°42'45.634"	38°45'35.813"
856	429865,74	1268836,6	52°42'44.978"	38°45'37.523"
857	429757,34	1268936,34	52°42'41.461"	38°45'42.815"
858	429584,32	1269070,05	52°42'35.845"	38°45'49.900"
859	429306,66	1269266,79	52°42'26.838"	38°46'0.322"
860	429257,29	1269290,11	52°42'25.240"	38°46'1.553"
861	429205,89	1269339,9	52°42'23.569"	38°46'4.195"
862	428933,3	1269501,85	52°42'14.731"	38°46'12.763"
863	428777,03	1269586,39	52°42'9.666"	38°46'17.231"
864	428630,34	1269645,78	52°42'4.910"	38°46'20.363"
865	428597,45	1269645,86	52°42'3.848"	38°46'20.359"
866	428425,28	1269744	52°41'58.265"	38°46'25.550"
867	428318,24	1269766,9	52°41'54.798"	38°46'26.746"
868	427956,86	1269890,56	52°41'43.091"	38°46'33.251"
869	427590,54	1270027,85	52°41'31.222"	38°46'40.483"
870	427432,96	1270095,1	52°41'26.117"	38°46'44.029"
871	427301,24	1270168,86	52°41'21.847"	38°46'47.928"
872	427139,47	1270254,79	52°41'16.602"	38°46'52.468"
873	426949,98	1270357,98	52°41'10.457"	38°46'57.918"
874	426836,25	1270428,84	52°41'6.767"	38°47'1.666"
875	426817,22	1270461,81	52°41'6.148"	38°47'3.415"
876	426740,99	1270554,35	52°41'3.671"	38°47'8.326"
877	426725,36	1270578,66	52°41'3.160"	38°47'9.614"
878	426702,64	1270627,46	52°41'2.418"	38°47'12.210"
879	426701,61	1270650,39	52°41'2.382"	38°47'13.430"
880	426709,7	1270723,77	52°41'2.634"	38°47'17.336"
881	426761,7	1270920,1	52°41'4.290"	38°47'27.802"
882	426945,28	1271452,72	52°41'10.154"	38°47'56.195"
883	426986,11	1271528,96	52°41'11.465"	38°48'0.266"
884	427109,48	1271769,83	52°41'15.421"	38°48'13.118"
885	427349,88	1272129,2	52°41'23.143"	38°48'32.306"
886	427468,66	1272257,03	52°41'26.970"	38°48'39.139"
887	427571,17	1272434,3	52°41'30.260"	38°48'48.604"
888	427846,05	1272758,82	52°41'39.102"	38°49'5.948"
889	427993,95	1272904,63	52°41'43.865"	38°49'13.750"
890	428314,57	1273196,63	52°41'54.193"	38°49'29.381"
891	428455,69	1273388,04	52°41'58.729"	38°49'39.608"
892	428808,85	1273757,92	52°42'10.094"	38°49'59.398"
893	429023,17	1274012,54	52°42'16.988"	38°50'13.013"
894	429168,62	1274209,43	52°42'21.661"	38°50'23.536"
895	429378,82	1274446,72	52°42'28.426"	38°50'36.229"
896	429454,88	1274519,84	52°42'30.874"	38°50'40.146"
897	429508,98	1274543,87	52°42'32.620"	38°50'41.438"
898	429558,32	1274589,83	52°42'34.207"	38°50'43.901"
899	429587,45	1274643,04	52°42'35.143"	38°50'46.741"
900	429600,26	1274716,11	52°42'35.543"	38°50'50.636"

901	429693,06	1274838,09	52°42'38.527"	38°50'57.160"
902	429716,68	1274874,99	52°42'39.283"	38°50'59.132"
903	429761,63	1274998,02	52°42'40.720"	38°51'5.699"
904	429769,76	1275036,53	52°42'40.975"	38°51'7.751"
905	429875,04	1275187,89	52°42'44.356"	38°51'15.844"
906	429971,86	1275303,15	52°42'47.470"	38°51'22.010"
907	430021,92	1275338,65	52°42'49.082"	38°51'23.915"
908	430058,44	1275383,1	52°42'50.256"	38°51'26.291"
909	430112,93	1275485,8	52°42'52.002"	38°51'31.777"
910	430151,76	1275633,32	52°42'53.233"	38°51'39.647"
911	430165,2	1275774,52	52°42'53.644"	38°51'47.171"
912	430170,22	1275871,86	52°42'53.788"	38°51'52.358"
913	430175,48	1275930,56	52°42'53.950"	38°51'55.487"
914	430179,42	1275952,13	52°42'54.072"	38°51'56.639"
915	430204,67	1276088,46	52°42'54.868"	38°52'3.907"
916	430206,82	1276162,06	52°42'54.922"	38°52'7.828"
917	430209,25	1276195,97	52°42'54.997"	38°52'9.635"
918	430203,57	1276252,94	52°42'54.803"	38°52'12.670"
919	430198,12	1276290,76	52°42'54.619"	38°52'14.682"
920	430188,81	1276342,81	52°42'54.310"	38°52'17.450"
921	430167,97	1276432,71	52°42'53.618"	38°52'22.235"
922	430144,3	1276535,14	52°42'52.834"	38°52'27.685"
923	430129,44	1276599,26	52°42'52.344"	38°52'31.094"
924	430111,69	1276666,12	52°42'51.757"	38°52'34.651"
925	430063,81	1276809,35	52°42'50.184"	38°52'42.269"
926	429970,77	1277046,27	52°42'47.131"	38°52'54.862"
927	429966,94	1277057,51	52°42'47.005"	38°52'55.459"
928	429893,31	1277246,37	52°42'44.590"	38°53'5.496"
929	429797,58	1277429,47	52°42'41.458"	38°53'15.223"
930	429716,44	1277565,69	52°42'38.808"	38°53'22.452"
931	429710,33	1277577,8	52°42'38.610"	38°53'23.096"
932	429595,6	1277802,42	52°42'34.855"	38°53'35.027"
933	429497,74	1278027,81	52°42'31.651"	38°53'47.000"
934	429437,28	1278152,67	52°42'29.671"	38°53'53.632"
935	429363,85	1278260,3	52°42'27.274"	38°53'59.341"
936	429287,6	1278344,22	52°42'24.793"	38°54'3.787"
937	429285,22	1278346,8	52°42'24.714"	38°54'3.924"
938	429191,72	1278446,5	52°42'21.672"	38°54'9.205"
939	429081,11	1278557,94	52°42'18.072"	38°54'15.106"

Приложение 3
к постановлению
Правительства Липецкой области
«Об установлении местоположения
береговых линий (границ водного объекта),
границ водоохранных зон и границ
прибрежных защитных полос реки Сосна»

Граница прибрежной защитной полосы
участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км
по правому берегу и 50 км по левому берегу, расположенной на территории
Липецкой области

Граница прибрежной защитной полосы участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км по правому берегу и 50 км по левому берегу, расположенной на территории Липецкой области, определена в соответствии с характерными точками границы прибрежной защитной полосы участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км по правому берегу и 50 км по левому берегу, расположенной на территории Липецкой области, приведенными в таблице.

Сведения о характерных точках границы прибрежной защитной полосы
участка р. Сосна от устья р. Воргол до устья р. Сосна, протяженностью 50 км
(по правому и левому берегам), расположенной на территории
Липецкой области

Таблица

№ опорной точки	X_МСК - 48	Y_МСК - 48	X_WGS - 84	Y_WGS - 84
1	424491.35	1259379.64	52.66446961	38.62026248
2	424497.27	1259422.84	52.66452207	38.62090116
3	424499.77	1259457.83	52.66454394	38.6214184
4	424501.85	1259487.02	52.66456213	38.6218499
5	424509.34	1259539.34	52.66462853	38.62262343
6	424516.9	1259627.37	52.66469493	38.62392478
7	424522.12	1259676.76	52.66474097	38.62465494
8	424520.65	1259705.97	52.66472725	38.62508664
9	424521.51	1259747.62	52.66473424	38.62570228
10	424521.16	1259777.76	52.66473056	38.62614775
11	424522.48	1259805.27	52.66474193	38.62655441
12	424523.22	1259829.61	52.66474815	38.62691419
13	424522.94	1259868.83	52.66474493	38.62749387

14	424522.65	1259890.38	52.66474194	38.62781239
15	424522.63	1259939.81	52.66474087	38.62854299
16	424524.47	1260040.52	52.66475557	38.6300316
17	424525.84	1260126.06	52.66476631	38.63129597
18	424528.15	1260187.45	52.66478594	38.63220342
19	424530.43	1260244.72	52.66480536	38.63304997
20	424530.94	1260315.48	52.66480862	38.63409586
21	424526.28	1260396.77	52.66476521	38.63529723
22	424524.05	1260451.64	52.66474413	38.63610817
23	424520.4	1260516.81	52.66471009	38.63707131
24	424514.24	1260597.36	52.66465319	38.63826169
25	424506.02	1260652.46	52.66457826	38.63907583
26	424495.89	1260752.69	52.66448527	38.64055696
27	424484.95	1260793.95	52.66438615	38.64116644
28	424471.41	1260837.48	52.66426362	38.6418094
29	424460.04	1260870.89	52.66416079	38.64230284
30	424446.07	1260907.31	52.66403453	38.64284069
31	424437.53	1260926.47	52.6639574	38.6431236
32	424427.34	1260944.33	52.66386548	38.64338724
33	424417.27	1260957.89	52.66377471	38.64358733
34	424407.39	1260974.16	52.6636856	38.64382748
35	424393.11	1260996.96	52.66355682	38.644164
36	424384	1261010.76	52.66347468	38.64436766
37	424373.72	1261017.34	52.66338217	38.64446458
38	424358.72	1261027.93	52.66324716	38.6446206
39	424348.91	1261031.97	52.66315893	38.64467999
40	424330.4	1261041.94	52.66299239	38.64482674
41	424305.9	1261057.04	52.66277192	38.6450491
42	424295.17	1261065.17	52.66267533	38.64516891
43	424286.49	1261072.06	52.66259719	38.64527045
44	424274.34	1261083.58	52.66248778	38.64544031
45	424262.98	1261092.87	52.66238551	38.64557724
46	424253.06	1261104.21	52.66229613	38.64574451
47	424248.02	1261109.92	52.66225073	38.64582874
48	424243.03	1261122.66	52.66220563	38.64601686
49	424237.25	1261135.56	52.66215342	38.64620733
50	424229.62	1261155.93	52.66208445	38.64650814
51	424223.89	1261175.62	52.66203255	38.64679896
52	424220.35	1261191.36	52.66200042	38.64703147
53	424217.28	1261206.94	52.66197252	38.64726163
54	424213.93	1261226.33	52.66194202	38.6475481
55	424212.43	1261238.25	52.66192829	38.64772422
56	424210.3	1261251.28	52.66190888	38.64791673
57	424205.6	1261260.68	52.66186646	38.6480555

58	424202.83	1261271.94	52.66184133	38.64822182
59	424197.25	1261291.03	52.6617908	38.64850377
60	424192	1261312.02	52.66174319	38.64881382
61	424182.95	1261333.2	52.66166142	38.64912654
62	424174.67	1261352.47	52.66158662	38.64941106
63	424164	1261370.4	52.66149036	38.6496757
64	424160.13	1261383.93	52.66145531	38.64987553
65	424150.43	1261402.89	52.66136775	38.65015542
66	424142.31	1261421.84	52.66129438	38.65043521
67	424132.32	1261446.52	52.6612041	38.65079962
68	424123.44	1261468.88	52.66112383	38.65112978
69	424117.8	1261480.67	52.6610729	38.65130384
70	424112.19	1261495.16	52.66102219	38.6515178
71	424108.14	1261505.35	52.66098558	38.65166826
72	424103.16	1261519.2	52.66094054	38.65187278
73	424095.81	1261535.44	52.66087415	38.65211254
74	424083.73	1261555.01	52.66076518	38.65240135
75	424076.98	1261565.22	52.66070431	38.65255202
76	424072.92	1261574.94	52.66066762	38.65269553
77	424064.62	1261590.55	52.6605927	38.65292594
78	424059.15	1261602.98	52.66054328	38.65310946
79	424048.94	1261618.45	52.66045121	38.65333774
80	424043.45	1261627.81	52.66040167	38.65347588
81	424039.86	1261635.3	52.66036925	38.65358645
82	424035.45	1261641.05	52.6603295	38.65367127
83	424028.25	1261655.23	52.6602645	38.65388059
84	424023.4	1261664.95	52.66022071	38.65402407
85	424011.81	1261686.94	52.66011609	38.65434866
86	424002.88	1261703.2	52.6600355	38.65458865
87	423996.96	1261719.43	52.65998195	38.6548283
88	423991.82	1261733.12	52.65993547	38.65503045
89	423984.12	1261743.97	52.65986604	38.65519053
90	423980.19	1261749.32	52.65983061	38.65526946
91	423973.1	1261757.15	52.65976673	38.65538493
92	423969.35	1261765.59	52.65973285	38.65550953
93	423972.11	1261773.82	52.65975748	38.65563125
94	423972.78	1261778.26	52.6597634	38.6556969
95	423971.26	1261787.64	52.65974954	38.65583547
96	423967.34	1261794.97	52.65971416	38.65594366
97	423959.79	1261804.55	52.65964611	38.65608497
98	423952.25	1261816.51	52.65957809	38.65626146
99	423947.44	1261831.94	52.65953454	38.65648933
100	423944.68	1261844.51	52.65950946	38.656675
101	423944.13	1261856.34	52.65950426	38.65684981

102	423942.59	1261864.29	52.65949025	38.65696725
103	423939.95	1261872.24	52.65946636	38.65708465
104	423933.36	1261882.45	52.65940692	38.6572353
105	423926.32	1261896.47	52.65934335	38.65744225
106	423923.09	1261911.42	52.659314	38.65766308
107	423919.85	1261924.93	52.65928459	38.65786262
108	423914.21	1261935.77	52.65923367	38.65802262
109	423908.32	1261954.39	52.65918034	38.65829759
110	423901.49	1261976.26	52.65911848	38.65862055
111	423898.85	1261984.22	52.65909459	38.6587381
112	423898.3	1261996.29	52.65908938	38.65891646
113	423898.87	1262009.78	52.65909421	38.65911584
114	423900.39	1262022.95	52.65910758	38.65931053
115	423902.7	1262035.15	52.65912807	38.65949091
116	423902.3	1262044.68	52.65912427	38.65963174
117	423903.61	1262050.86	52.6591359	38.65972312
118	423908.25	1262056.39	52.65917748	38.65980501
119	423911.16	1262063.51	52.65920347	38.65991034
120	423909.49	1262073.36	52.65918825	38.66005585
121	423910.01	1262080.58	52.65919276	38.66016257
122	423908.3	1262085.36	52.65917729	38.66023315
123	423909.13	1262090.59	52.65918463	38.66031047
124	423914.08	1262093.73	52.65922905	38.66035706
125	423918.69	1262095.13	52.65927044	38.66037792
126	423921.92	1262102.09	52.65929931	38.66048089
127	423928.97	1262111.56	52.65936246	38.6606211
128	423934.74	1262119.14	52.65941414	38.66073334
129	423941.61	1262124.97	52.65947575	38.66081975
130	423948.79	1262129.84	52.65954016	38.66089198
131	423952.77	1262132.51	52.65957587	38.66093158
132	423959.8	1262138.33	52.65963891	38.66101785
133	423963.65	1262144.18	52.65967338	38.66110445
134	423969.87	1262147.15	52.65972921	38.66114857
135	423983.92	1262158.79	52.65985521	38.66132111
136	423990.3	1262163.67	52.65991244	38.66139346
137	424005.33	1262178.6	52.66004717	38.66161466
138	424014.28	1262186.32	52.66012742	38.66172908
139	424022.1	1262191.66	52.66019758	38.66180828
140	424030.08	1262198.27	52.66026914	38.66190627
141	424040.94	1262207.08	52.66036654	38.66203687
142	424048.13	1262213.86	52.660431	38.66213733
143	424061.71	1262225.83	52.66055277	38.66231473
144	424085.01	1262242.96	52.66076176	38.66256876
145	424098.59	1262253.82	52.66088356	38.66272976

146	424112.15	1262264.04	52.66100518	38.6628813
147	424122.84	1262271.58	52.66110108	38.66299313
148	424133.07	1262280.72	52.6611928	38.66312859
149	424153.66	1262296.13	52.66137749	38.6633571
150	424177.61	1262315.4	52.66159227	38.66364278
151	424186.86	1262321.85	52.66167525	38.66373845
152	424199.97	1262333.82	52.66179279	38.66391585
153	424214.33	1262343.4	52.66192162	38.66405797
154	424229.66	1262356.47	52.66205909	38.6642517
155	424245.3	1262368.74	52.66219936	38.66443363
156	424262.08	1262383.06	52.66234982	38.6646459
157	424279	1262396.28	52.66250157	38.66484191
158	424291.14	1262406.35	52.66261044	38.6649912
159	424305.97	1262416.56	52.66274348	38.66514265
160	424325.13	1262430.55	52.66291534	38.66535014
161	424344.1	1262442.84	52.66308553	38.66553249
162	424361.18	1262455.73	52.66323872	38.66572364
163	424377.78	1262467.68	52.66338762	38.66590088
164	424391.49	1262476	52.66351063	38.66602437
165	424413.51	1262491.24	52.66370817	38.66625044
166	424433.14	1262505.07	52.66388425	38.66645559
167	424498.08	1262550.64	52.66446678	38.66713157
168	424508.76	1262556.75	52.66456261	38.66722228
169	424524.57	1262569.82	52.66470439	38.66741606
170	424540.82	1262578.59	52.66485021	38.6675463
171	424558.52	1262589.26	52.66500903	38.66770467
172	424570.33	1262597.43	52.66511497	38.66782588
173	424587.25	1262611.28	52.6652667	38.66803123
174	424603.54	1262624.18	52.66541279	38.66822252
175	424623.3	1262635.15	52.6655901	38.66838541
176	424645.02	1262653.09	52.66578487	38.6686514
177	424660.33	1262662.51	52.66592223	38.66879122
178	424679.47	1262675.39	52.66609393	38.66898233
179	424702.12	1262690.47	52.66629712	38.66920609
180	424719.98	1262701.69	52.66645736	38.66937261
181	424736.9	1262713.95	52.66660912	38.66955447
182	424760.53	1262733.15	52.66682102	38.66983918
183	424787.07	1262758.36	52.66705893	38.67021283
184	424816.75	1262780.37	52.66732513	38.6705393
185	424844.85	1262801.76	52.66757715	38.67085655
186	424875.48	1262823.53	52.66785189	38.67117953
187	424893.19	1262835.62	52.66801076	38.67135892
188	424907.73	1262848.06	52.66814112	38.67154336
189	424920.37	1262861.62	52.66825439	38.67174429

190	424927.74	1262871.1	52.6683204	38.67188471
191	424938.27	1262878.16	52.66841486	38.67198947
192	424951.69	1262890.61	52.66853516	38.67217402
193	424960.16	1262898.01	52.6686111	38.67228374
194	424971.32	1262904.6	52.66871123	38.67238158
195	424986.63	1262914.81	52.66884857	38.6725331
196	424999.09	1262925.2	52.6689603	38.67268717
197	425010.92	1262936.62	52.66906634	38.67285643
198	425018.75	1262943.71	52.66913653	38.67296154
199	425028.81	1262951.41	52.66922675	38.67307576
200	425039.84	1262962.29	52.66932561	38.67323701
201	425048.94	1262969.21	52.66940722	38.67333966
202	425060.28	1262979.29	52.66950889	38.67348911
203	425076.59	1262995.21	52.66965508	38.67372507
204	425084.9	1263003.68	52.66972955	38.6738506
205	425094.49	1263012.82	52.66981552	38.67398609
206	425109.19	1263024.78	52.66994733	38.67416346
207	425120.18	1263030.41	52.67004596	38.67424711
208	425130.52	1263032.72	52.67013882	38.67428166
209	425140.67	1263032.49	52.67023004	38.67427866
210	425149.4	1263031.79	52.6703085	38.67426865
211	425155.61	1263034.29	52.67036425	38.67430585
212	425163.9	1263039.47	52.67043862	38.67438275
213	425170.16	1263048.79	52.67049465	38.67452077
214	425175.79	1263059.22	52.670545	38.67467517
215	425185.56	1263071.38	52.6706325	38.67485531
216	425193.23	1263078.15	52.67070127	38.67495569
217	425204.4	1263085.37	52.67080147	38.67506286
218	425213.34	1263093.56	52.67088161	38.67518428
219	425221.65	1263100.65	52.67095612	38.67528941
220	425231.24	1263109.95	52.67104208	38.67542727
221	425250.59	1263128.82	52.67121551	38.67570698
222	425263.99	1263138.09	52.6713357	38.67584454
223	425282.64	1263149.07	52.67150303	38.6760076
224	425299.55	1263159.74	52.67165473	38.676166
225	425310.87	1263166.64	52.67175629	38.67626845
226	425317.6	1263175.65	52.67181655	38.67640191
227	425325.26	1263181.94	52.67188524	38.67649519
228	425336.77	1263192.97	52.6719884	38.67665871
229	425348.59	1263202.25	52.6720944	38.67679636
230	425359.11	1263208.65	52.67218878	38.67689139
231	425366.45	1263213.83	52.67225461	38.67696826
232	425380.82	1263225.48	52.67238347	38.67714105
233	425390.27	1263237.16	52.6724681	38.67731409

234	425407.98	1263249.57	52.67262695	38.67749825
235	425430.48	1263264.89	52.67282877	38.67772563
236	425440.71	1263275.29	52.67292045	38.67787978
237	425454.14	1263288.37	52.67304082	38.67807368
238	425472.22	1263307.29	52.67320283	38.67835411
239	425481.63	1263314.21	52.67328722	38.67845679
240	425495.85	1263326.65	52.67341471	38.67864126
241	425514.88	1263345.21	52.67358526	38.6789164
242	425527.51	1263358.29	52.67369844	38.67911028
243	425536.93	1263365.69	52.67378291	38.67922005
244	425549.69	1263373.22	52.67389739	38.67933189
245	425560.55	1263382.35	52.67399476	38.6794673
246	425577.33	1263397.78	52.67414517	38.67969609
247	425587.06	1263404.7	52.67423244	38.67979878
248	425597.45	1263414.47	52.67432557	38.67994364
249	425611.38	1263430.4	52.67445036	38.6801797
250	425626.89	1263445.93	52.67458935	38.68040992
251	425637.45	1263457.44	52.67468396	38.68058051
252	425646.88	1263467.53	52.67476846	38.68073006
253	425657.57	1263473.81	52.67486437	38.68082334
254	425669.7	1263483.24	52.67497314	38.68096324
255	425682.34	1263496.96	52.67508639	38.68116659
256	425697.19	1263508.92	52.67521954	38.68134401
257	425708.37	1263518.69	52.67531976	38.6814889
258	425719.86	1263526.54	52.67542282	38.68160543
259	425731.98	1263535.03	52.67553152	38.68173144
260	425746.68	1263548.26	52.6756633	38.68192763
261	425759.47	1263560.23	52.67577793	38.68210512
262	425774.48	1263572.5	52.67591251	38.68228713
263	425796.53	1263592.67	52.67611016	38.68258623
264	425821.13	1263612.49	52.67633073	38.68288026
265	425849.87	1263636.74	52.67658839	38.68323996
266	425866.4	1263649.87	52.67673661	38.68343476
267	425870.24	1263654.29	52.67677101	38.68350027
268	425874.09	1263659.34	52.67680548	38.68357509
269	425882.05	1263663.41	52.67687691	38.68363559
270	425885.27	1263668.47	52.67690572	38.68371053
271	425889.12	1263675.11	52.67694015	38.68380886
272	425897.72	1263678.54	52.67701734	38.68385992
273	425906.65	1263684.51	52.67709744	38.68394855
274	425932.53	1263706.87	52.67732945	38.68428021
275	425954.25	1263725.13	52.67752417	38.68455107
276	425971.83	1263740.24	52.67768177	38.6847752
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279	426036.01	1263790.82	52.67825724	38.68552568
280	426056.09	1263802.11	52.6784374	38.68569343
281	426073.91	1263807.69	52.67859739	38.68577667
282	426092.06	1263814.23	52.67876033	38.68587412
283	426108.64	1263824.91	52.67890905	38.68603272
284	426122.08	1263839.1	52.67902947	38.68624308
285	426137.06	1263846.61	52.67916389	38.68635474
286	426156.52	1263859.81	52.67933843	38.68655072
287	426180.43	1263872.65	52.67955297	38.68674156
288	426190.94	1263877.66	52.67964729	38.68681607
289	426205.91	1263884.85	52.67978163	38.68692301
290	426218.35	1263893.02	52.67989321	38.68704433
291	426232.7	1263901.17	52.68002195	38.68716543
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293	426264.31	1263925.07	52.6803054	38.68752013
294	426274.5	1263929.45	52.68039686	38.68758532
295	426286.61	1263935.39	52.68050553	38.68767365
296	426295.55	1263942.63	52.68058569	38.68778108
297	426299.73	1263950.54	52.68062305	38.68789821
298	426307.69	1263952.7	52.68069452	38.68793048
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300	426347.28	1263983.53	52.6810495	38.68838799
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314	426532.69	1264115.2	52.68271226	38.69034274
315	426531.37	1264129.5	52.68270003	38.69055413
316	426536.21	1264140.42	52.68274325	38.6907158
317	426552.18	1264153.8	52.68288641	38.69091433
318	426563.79	1264178.32	52.68299011	38.69127739
319	426581.71	1264198.99	52.6831506	38.6915838
320	426658.41	1264267.18	52.68383808	38.69259539
321	426736.41	1264341.87	52.68453705	38.6937032

322	426819.24	1264423.67	52.68527923	38.69491638
323	426895.01	1264497.1	52.68595818	38.69600553
324	426983.28	1264585.29	52.68674905	38.69731353
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326	427050.68	1264642.91	52.68735318	38.69816858
327	427089.92	1264668.35	52.68770512	38.69854652
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329	427233.78	1264760.9	52.68899539	38.69992156
330	427257.06	1264775.02	52.68920421	38.70013141
331	427297.24	1264799.5	52.68956462	38.70049523
332	427321.66	1264816.94	52.68978359	38.70075424
333	427373.42	1264862.1	52.69024749	38.70142442
334	427390.96	1264873.72	52.69040479	38.70159706
335	427416.99	1264894.33	52.69063815	38.70190303
336	427461.77	1264940.2	52.6910393	38.70258342
337	427502.07	1264981.51	52.69140031	38.70319619
338	427586.12	1265058.3	52.6921535	38.70433569
339	427608.81	1265078.77	52.69235683	38.70463946
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342	427732.78	1265186.79	52.69346786	38.70624273
343	427752.64	1265211.25	52.69364565	38.70660541
344	427777.08	1265231.67	52.6938647	38.70690854
345	427791.79	1265245.7	52.6939965	38.70711673
346	427811.62	1265266.51	52.69417412	38.70742543
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353	428072.54	1265543.37	52.696511	38.71153252
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356	428141.5	1265619	52.69712853	38.71265442
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361	428252.48	1265730.44	52.69812263	38.71430804
362	428269.91	1265748.25	52.69827875	38.71457231
363	428292.47	1265772.7	52.69848077	38.71493504
364	428314.17	1265788.62	52.69867531	38.71517156
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367	428342.79	1265794.44	52.69893233	38.71525901
368	428352.89	1265786.43	52.69902332	38.71514101
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370	428376.69	1265784.67	52.69923724	38.7151161
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373	428402.17	1265795.25	52.69946591	38.71527382
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377	428436.24	1265830.88	52.69977103	38.71580249
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381	428462.81	1265882.84	52.70000829	38.71657237
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383	428481.44	1265891.28	52.70017546	38.71669811
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386	428506.32	1265929.52	52.70039792	38.71726497
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388	428526.86	1265937.27	52.70058227	38.71738059
389	428533.6	1265947.38	52.70064254	38.71753047
390	428540	1265954.16	52.70069986	38.71763107
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392	428551.92	1265956.78	52.7008069	38.7176704
393	428557.21	1265964.04	52.70085422	38.71777805
394	428562.55	1265977.81	52.70090181	38.717982
395	428573.14	1265993.14	52.70099652	38.71820929
396	428584.19	1266007.03	52.70109541	38.71841529
397	428587.92	1266017.32	52.70112863	38.71856769
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407	428605.42	1266067.44	52.70128442	38.71930995
408	428621.67	1266074.94	52.70143022	38.71942168
409	428629.36	1266085.05	52.70149903	38.71957161

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412	428659.45	1266118.49	52.70176844	38.72006775
413	428673.25	1266139.03	52.70189184	38.72037227
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415	428718.99	1266230.94	52.70230015	38.72173413
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443	429034.31	1266744.3	52.70511818	38.72934427
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446	429074.23	1266797.52	52.70547527	38.73013364
447	429082.73	1266810.16	52.70555127	38.73032107
448	429091.69	1266820.41	52.70563147	38.73047316
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450	429107.4	1266841.41	52.70577199	38.73078464
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452	429105.58	1266852.38	52.7057553	38.73094684
453	429109.25	1266855.85	52.70578817	38.73099836

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532	429914.91	1267792.8	52.71299824	38.74490316
533	429919.56	1267821.19	52.7130391	38.74532349
534	429928.16	1267846.96	52.71311554	38.74570527
535	429930.34	1267863.3	52.7131346	38.74594717
536	429929.62	1267873.62	52.71312779	38.74609983
537	429923.99	1267886.36	52.71307678	38.74628804
538	429924.11	1267902.87	52.71307732	38.74653234
539	429926.38	1267931.75	52.71309677	38.74695979
540	429930.95	1267971.33	52.71313653	38.7475457
541	429931.06	1267986.25	52.71313703	38.74776647

542	429930.22	1268002.13	52.71312896	38.7480014
543	429929.06	1268017.54	52.71311802	38.74822936
544	429932.68	1268035.13	52.71314997	38.74848983
545	429935.2	1268054.8	52.71317197	38.74878102
546	429936.16	1268076.7	52.71317987	38.74910512
547	429935.48	1268093.14	52.71317321	38.74934835
548	429933.62	1268120.93	52.71315558	38.74975945
549	429930.44	1268142.39	52.71312629	38.75007681
550	429926.93	1268162.57	52.71309407	38.75037522
551	429923.51	1268194.63	52.71306227	38.75084942
552	429916.53	1268217.7	52.71299878	38.7511904
553	429909.91	1268246.48	52.71293833	38.75161588
554	429901.21	1268273.05	52.71285926	38.75200855
555	429886.36	1268305.7	52.71272472	38.75249084
556	429874.33	1268331.87	52.71261574	38.75287741
557	429869.33	1268343.33	52.71257042	38.7530467
558	429860.1	1268362.29	52.71248684	38.75332673
559	429844.4	1268387.49	52.71234491	38.75369873
560	429832.8	1268407.69	52.71223999	38.75399698
561	429823.51	1268417.6	52.71215618	38.7541431
562	429815.18	1268429.25	52.71208093	38.75431501
563	429808.44	1268442	52.71201993	38.75450329
564	429798.42	1268461.6	52.71192923	38.75479274
565	429789.64	1268476.11	52.71184984	38.75500695
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568	429770.63	1268505.1	52.71167803	38.75543483
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571	429755.22	1268525.21	52.71153887	38.75573153
572	429751.63	1268533.33	52.71150633	38.75585147
573	429746.78	1268543.69	52.7114624	38.75600449
574	429742.06	1268550.07	52.71141976	38.75609863
575	429735.44	1268555.99	52.71136007	38.75618585
576	429728.8	1268560.17	52.71130026	38.75624732
577	429717.26	1268566.76	52.71119634	38.75634418
578	429706.52	1268575.09	52.71109954	38.75646683
579	429699.46	1268586.1	52.71103573	38.75662934
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581	429685.82	1268610.56	52.71091232	38.75699049
582	429678.13	1268622.37	52.71084282	38.7571648
583	429664.61	1268641.67	52.71072066	38.7574496
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589	429536.85	1268756.97	52.70956864	38.75914835
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591	429512.55	1268776.99	52.70934959	38.75944318
592	429497.71	1268788.37	52.70921584	38.75961071
593	429482.07	1268799.12	52.70907493	38.75976887
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603	429287.92	1268932.81	52.70732564	38.76173578
604	429272.74	1268942.13	52.7071889	38.7618728
605	429249.18	1268955.32	52.70697673	38.76206659
606	429232.6	1268966.99	52.70682734	38.7622383
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608	429192.89	1268986.32	52.70646982	38.762522
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612	429102.16	1269041.39	52.70565259	38.76333153
613	429078.62	1269057.43	52.70544049	38.76356747
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616	429014.62	1269098.01	52.70486396	38.76416413
617	428994.43	1269116.42	52.70468188	38.76443532
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619	428953.53	1269146.36	52.7043133	38.76487589
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622	428899.89	1269194.05	52.70382961	38.7655783
623	428865.92	1269216.48	52.70352356	38.76590815
624	428802.18	1269248.85	52.70294964	38.76638332
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627	428718.34	1269291.64	52.70219472	38.76701144
628	428702.05	1269300.33	52.70204803	38.76713905
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631	428638.15	1269332.22	52.70147269	38.76760707
632	428615.5	1269340.28	52.70126886	38.76772498
633	428596.65	1269346.45	52.70109926	38.76781515
634	428581.76	1269350.52	52.70096531	38.76787449
635	428559.58	1269357.03	52.70076576	38.76796949
636	428541.69	1269363.04	52.70060479	38.76805735
637	428521.06	1269364.77	52.70041934	38.76808174
638	428505.67	1269366.47	52.70028098	38.76810598
639	428491.56	1269368.64	52.70015411	38.76813726
640	428452.44	1269381.14	52.69980213	38.76831988
641	428440.71	1269384.08	52.69969662	38.76836268
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643	428414	1269401.26	52.69945599	38.76861525
644	428390.28	1269413.02	52.69924242	38.76878781
645	428367.34	1269424.26	52.69903587	38.76895273
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647	428312.59	1269449.57	52.69854298	38.76932391
648	428277.93	1269464.27	52.69823099	38.76953931
649	428251.34	1269475.85	52.69799164	38.76970904
650	428234.56	1269483.12	52.69784059	38.76981559
651	428214.28	1269488.18	52.69765817	38.76988924
652	428190.68	1269496.13	52.69744581	38.77000544
653	428159.16	1269505.84	52.69716222	38.77014721
654	428142.54	1269512.47	52.69701263	38.7702443
655	428113.56	1269522.84	52.69675184	38.77039598
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659	428001.89	1269557.14	52.69574713	38.77089673
660	427971.81	1269569.58	52.69547638	38.77107896
661	427943.78	1269579.74	52.69522413	38.77122758
662	427928.91	1269586.36	52.69509027	38.77132461
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666	427848.55	1269603.76	52.69436751	38.77157722
667	427831.43	1269608.17	52.69421351	38.77164143
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677	427652.45	1269665.77	52.69260309	38.77248274
678	427638.21	1269672.07	52.6924749	38.77257507
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687	427502.51	1269742.69	52.69125293	38.77361145
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690	427463.45	1269764.41	52.69090114	38.77393034
691	427453.05	1269775.12	52.6908073	38.77408812
692	427439.81	1269788.71	52.69068783	38.77428831
693	427426.4	1269800.87	52.69056688	38.77446735
694	427418.03	1269806.92	52.69049145	38.77455632
695	427406.83	1269815.89	52.69039048	38.77468831
696	427394.96	1269821.22	52.69028362	38.77476643
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698	427359.67	1269837.03	52.68996592	38.77499813
699	427337.38	1269849.89	52.68976515	38.77518698
700	427298.31	1269869.62	52.68941334	38.77547643
701	427285.96	1269875.26	52.68930216	38.7755591
702	427267.15	1269886.67	52.68913271	38.77572671
703	427251.17	1269893.29	52.68898887	38.77582365
704	427242.29	1269895.26	52.688909	38.77585225
705	427240.06	1269893.69	52.68888902	38.7758289
706	427236.88	1269893.39	52.68886045	38.77582427
707	427234.37	1269897.7	52.68883774	38.77588786
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709	427211.28	1269910.41	52.68862979	38.77607443
710	427201.17	1269917.3	52.68853868	38.77617572
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713	427170.6	1269948.92	52.68826282	38.77664149
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715	427146.23	1269958.94	52.68804346	38.77678821
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757	426687.18	1270168.35	52.68391065	38.7798571
758	426677.57	1270178.9	52.68382391	38.78001252
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797	426440.47	1270476.64	52.68168219	38.78440052
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802	426418.19	1270557.29	52.68147895	38.78559164
803	426420.22	1270575.21	52.68149651	38.78585673
804	426421.77	1270591.55	52.68150983	38.78609843
805	426420.82	1270614.1	52.68150044	38.7864318

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807	426421.33	1270641.17	52.681504	38.78683209
808	426423.03	1270657.03	52.68151867	38.78706671
809	426426.65	1270675.26	52.68155051	38.78733648
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812	426438.75	1270723.75	52.68165741	38.78805421
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823	426458.19	1270867.01	52.68182664	38.7901737
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826	426465.38	1270894.58	52.6818902	38.7905818
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828	426472.91	1270926.91	52.68195662	38.79106032
829	426475.69	1270938.16	52.68198117	38.79122684
830	426481.24	1270960.11	52.6820302	38.79155175
831	426484.59	1270983.26	52.68205942	38.79189426
832	426488.03	1270998	52.68208976	38.79211243
833	426494.35	1271016.85	52.68214583	38.79239155
834	426498.76	1271033.96	52.6821848	38.79264482
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836	426509.07	1271076.24	52.68227582	38.79327064
837	426512.2	1271093.2	52.68230329	38.79352162
838	426516.1	1271105.72	52.68233785	38.79370699
839	426528.88	1271138.56	52.68245142	38.79419339
840	426538.13	1271166.92	52.68253344	38.79461332
841	426544.16	1271188.46	52.68258679	38.7949322
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843	426557.9	1271222.93	52.68270892	38.79544277
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846	426574.8	1271276.95	52.68285869	38.79624262
847	426579.01	1271288.03	52.68289609	38.79640673
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857	426639.19	1271488.26	52.68342903	38.79937133
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859	426646.69	1271516.47	52.68349531	38.79978895
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872	426689.95	1271637.68	52.68387926	38.80158407
873	426694.79	1271648.6	52.68392232	38.80174586
874	426699.11	1271653.81	52.68396093	38.80182318
875	426706.75	1271655.82	52.68402951	38.8018534
876	426713.38	1271651.17	52.68408927	38.80178508
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878	426727.38	1271654.72	52.68421493	38.80183849
879	426732.66	1271660.87	52.68426214	38.80192977
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881	426741.71	1271660.97	52.68434346	38.80193184
882	426760.63	1271664.72	52.68451333	38.80198853
883	426767.98	1271671.97	52.68457909	38.80209622
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909	427118.71	1272318.36	52.68770474	38.81167805
910	427134.1	1272339.53	52.68784217	38.81199216
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1406	426467.84	1271608.67	52.68188449	38.80114063
1407	426467.48	1271607.66	52.68188129	38.80112567
1408	426417.89	1271443.37	52.68144215	38.79869325
1409	426325.8	1271163.18	52.68062555	38.79454447
1410	426316.18	1271127.53	52.68054049	38.79401674
1411	426282.44	1270985.19	52.68024279	38.79191001
1412	426273	1270944.97	52.6801595	38.79131473
1413	426244.39	1270792.32	52.67990824	38.78905591
1414	426231.11	1270712.12	52.67979196	38.78786929
1415	426221.63	1270603.64	52.67971087	38.78626477
1416	426219.91	1270534.43	52.67969803	38.78524136
1417	426231.56	1270456.26	52.67980565	38.7840863
1418	426261.26	1270383	52.68007528	38.78300494
1419	426290.25	1270320.64	52.68033812	38.78208468
1420	426310.91	1270289.95	52.68052491	38.78163217
1421	426342.42	1270254.99	52.68080937	38.78111719

1422	426376.72	1270225.85	52.68111867	38.78068842
1423	426407.15	1270205.95	52.68139286	38.78039603
1424	426421.7	1270198.23	52.6815239	38.78028277
1425	426445	1270186.83	52.6817337	38.78011563
1426	426468.63	1270137.89	52.68194785	38.77939343
1427	426476.45	1270121.33	52.68201873	38.77914904
1428	426511.01	1270067.11	52.68233129	38.77834942
1429	426539.98	1270031.61	52.68259292	38.77782625
1430	426590.52	1269988.76	52.68304866	38.7771957
1431	426700.12	1269933.67	52.68403556	38.77638769
1432	426719.79	1269915.61	52.68421297	38.77612182
1433	426785.7	1269884.26	52.6848064	38.7756622
1434	426833.4	1269878.91	52.68523523	38.77558595
1435	426861.48	1269865.45	52.68548806	38.77538859
1436	426883.32	1269845.43	52.68568504	38.77509385
1437	426889.64	1269840.3	52.68574202	38.77501837
1438	427036.99	1269771.83	52.68706862	38.77401465
1439	427068.65	1269765.31	52.68735336	38.77392012
1440	427301.48	1269642.69	52.68945004	38.7721206
1441	427320.61	1269623.03	52.68962266	38.77183099
1442	427424.21	1269556.51	52.69055601	38.77085334
1443	427547.82	1269489.13	52.6916692	38.76986411
1444	427748.14	1269422.07	52.69347171	38.76888406
1445	427852.34	1269398.06	52.69440892	38.76853505
1446	428198.7	1269278.86	52.6975256	38.76679216
1447	428326.05	1269218.84	52.69867211	38.76591176
1448	428398.24	1269186.65	52.69932195	38.76543979
1449	428431.31	1269176.08	52.6996195	38.76528535
1450	428529.61	1269155.57	52.70050356	38.76498764
1451	428572.48	1269139.44	52.70088936	38.76475151
1452	428765.86	1269041.26	52.70263054	38.76331028
1453	428808.96	1269003.01	52.70301918	38.76274691
1454	428880.53	1268948.16	52.70366423	38.76193958
1455	428992.46	1268872.53	52.70467267	38.76082712
1456	429059.78	1268830.93	52.70527906	38.76021552
1457	429134.74	1268789.7	52.70595408	38.7596098
1458	429230.44	1268730.9	52.70681608	38.7587453
1459	429338.6	1268657.14	52.70779055	38.75766014
1460	429465.39	1268557.29	52.70893332	38.75618996
1461	429518.54	1268499.87	52.70941288	38.75534338
1462	429538.86	1268465	52.70959666	38.75482859
1463	429584.54	1268415.05	52.71000884	38.75409208
1464	429669.49	1268289.44	52.71077644	38.75223828
1465	429688.31	1268257.52	52.71094663	38.75176703

1466	429727.27	1268152.67	52.71130023	38.75021779
1467	429736.39	1268080.29	52.71138458	38.74914734
1468	429724.76	1267902.26	52.71128594	38.74651254
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1477	429237.03	1267224.01	52.70692494	38.73645169
1478	429207.06	1267203.76	52.70665626	38.73615054
1479	429127.83	1267152.24	52.70594591	38.73538422
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1483	428935.25	1266954.12	52.70422153	38.73244331
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1485	428868.5	1266853.2	52.70362483	38.73094693
1486	428758.71	1266686.85	52.70264334	38.72848049
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1490	428648.05	1266515.96	52.70165412	38.72594695
1491	428602.33	1266450.76	52.70124524	38.72498019
1492	428573.49	1266392.04	52.70098784	38.72411013
1493	428538.88	1266314.49	52.70067915	38.72296125
1494	428537.11	1266310.66	52.70066336	38.72290451
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1496	428505.12	1266246.19	52.70037781	38.72194926
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1502	428390.13	1266143.52	52.69934753	38.72042492
1503	428362.36	1266086.28	52.69909967	38.71957687
1504	428358.78	1266059.39	52.69906829	38.71917893
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1507	428237.49	1265971.41	52.69798094	38.71787169
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1509	428196.53	1265947.85	52.69761355	38.71752123

1510	428174.83	1265931.93	52.69741901	38.71728471
1511	427917.45	1265667.07	52.6951138	38.71335488
1512	427914.8	1265664.04	52.69509007	38.71330994
1513	427625.03	1265362.67	52.69249468	38.70883905
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1515	427283.44	1265041.13	52.68943402	38.70406805
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1517	427198.13	1264971.99	52.6886693	38.7030417
1518	427187.57	1264964.44	52.68857461	38.70292957
1519	427094.76	1264903.47	52.68774226	38.70202375
1520	426986.03	1264836.81	52.686767	38.70103311
1521	426896.35	1264774.79	52.68596279	38.70011198
1522	426844.23	1264726.38	52.68549573	38.6993938
1523	426842.56	1264724.73	52.68548077	38.69936932
1524	426755.37	1264637.62	52.6846996	38.69807735
1525	426680.69	1264565.24	52.68403044	38.69700377
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1527	426449.46	1264346.41	52.68195833	38.69375795
1528	426411.25	1264304.82	52.68161605	38.69314135
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1532	426194.98	1264117.93	52.67967745	38.69036877
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1534	425781.49	1263838.07	52.67596886	38.68621369
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1544	424013.87	1262438.79	52.66011807	38.66546031
1545	423759.75	1262220.8	52.65783937	38.66222933
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1555	424098.69	1260975.56	52.6609115	38.64383803
1556	424149.49	1260924.92	52.66136902	38.64309127
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1561	424316.02	1260572.91	52.66287239	38.63789403
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1567	424260.74	1259215.35	52.66240005	38.61782784
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1569	424235.24	1259056.71	52.66217353	38.61548249
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1571	424216.36	1258842.76	52.66200735	38.61231987
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1573	424095.31	1258675.71	52.66092221	38.60984779
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1576	423944.82	1258540.38	52.65957197	38.60784387
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1581	423520.13	1257904.39	52.65576505	38.59843467
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1605	421191.67	1257551.56	52.63484562	38.5931684
1606	421150.54	1257542.46	52.63447614	38.59303307
1607	421131.89	1257539.22	52.63430858	38.59298479
1608	421103.96	1257543.07	52.63405754	38.59304103
1609	421056.15	1257546.03	52.63362786	38.59308368
1610	421040.93	1257546.4	52.63349109	38.5930888
1611	420910.9	1257536.96	52.63232272	38.59294646
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1615	420662.39	1257496.84	52.63009006	38.59234837
1616	420417.34	1257398.72	52.62788927	38.59089385
1617	420256.99	1257315.63	52.62644941	38.58966328
1618	420241.81	1257302.86	52.62631316	38.58947437
1619	420184.31	1257241.89	52.62579725	38.58857275
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1630	419739.32	1256042.4	52.62181276	38.57085135
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1649	419448.3	1253194.91	52.61922104	38.5288022
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1651	419449.88	1253039.84	52.61923609	38.52651256
1652	419453.15	1252986.23	52.61926576	38.52572102
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1659	419727.26	1252179.32	52.62173266	38.51380845
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1669	419015.77	1252042.2	52.61533942	38.51177961
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1671	418855.73	1252034.87	52.61390126	38.51167047
1672	418718.68	1252048.63	52.61266963	38.51187282
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1675	418482.63	1252117.95	52.61054813	38.51289479
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1679	418187.81	1252192.25	52.60789848	38.5139898
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1682	418090.97	1252236.09	52.60702807	38.51463632
1683	418038.87	1252260.89	52.60655978	38.51500207
1684	417988.74	1252275.58	52.60610923	38.51521858
1685	417939.89	1252278.88	52.60567023	38.51526697

1686	417878.95	1252283.57	52.60512258	38.51533581
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1692	416863.02	1253134.75	52.59598896	38.52789047
1693	416810.52	1253169.47	52.59551698	38.52840237
1694	416758.55	1253206.99	52.59504974	38.52895558
1695	416683.63	1253246.41	52.59437625	38.52953661
1696	416663.19	1253252.93	52.59419253	38.52963263
1697	416578.83	1253261.27	52.59343439	38.5297549
1698	416537.88	1253255	52.59306643	38.52966199
1699	416500.92	1253242.41	52.59273436	38.52947586
1700	416477.93	1253228.67	52.59252784	38.5292729
1701	416458.03	1253236.4	52.59234897	38.52938678
1702	416452.96	1253236.54	52.59230341	38.52938879
1703	416408.77	1253249.79	52.59190622	38.5295839
1704	416380.75	1253252.14	52.5916544	38.52961831
1705	416304.63	1253240.48	52.59097042	38.52944554
1706	416248.2	1253217.63	52.59046345	38.52910785
1707	416148.91	1253168.08	52.58957146	38.5283758
1708	416104.75	1253138.17	52.58917479	38.52793406
1709	415981.11	1253038.75	52.58806424	38.52646602
1710	415946.21	1253016.64	52.58775073	38.52613949
1711	415941.75	1253014	52.58771067	38.5261005
1712	415904.47	1252991.79	52.58737577	38.52577247
1713	415901.5	1252990.23	52.58734909	38.52574943
1714	415835.81	1252944.86	52.586759	38.52507946
1715	415832.81	1252940.36	52.58673207	38.52501304
1716	415828.26	1252937.43	52.58669119	38.52496977
1717	415822.92	1252936.55	52.58664321	38.52495674
1718	415817.2	1252934.77	52.58659182	38.52493043
1719	415739.84	1252890.33	52.58589685	38.52427411
1720	415691.79	1252851.64	52.58546525	38.52370288
1721	415669.2	1252828.25	52.58526236	38.5233576
1722	415645.87	1252799.54	52.58505285	38.52293383
1723	415609.46	1252744.42	52.58472592	38.52212031
1724	415594.27	1252716.11	52.58458955	38.52170252
1725	415578.9	1252677	52.58445161	38.52112538
1726	415540.99	1252545.6	52.58411153	38.51918648
1727	415541.28	1252528.41	52.58411421	38.51893287
1728	415537.08	1252516.03	52.58407652	38.5187502
1729	415527.26	1252467.84	52.58398849	38.51803916

1730	415525.81	1252449.32	52.58397554	38.51776591
1731	415466.94	1252184.48	52.58344757	38.51385825
1732	415462.8	1252169.59	52.58341042	38.51363855
1733	415437.09	1252083.99	52.58317969	38.51237552
1734	415429.38	1252046.43	52.58311054	38.51182134
1735	415424.39	1252003.33	52.58306584	38.51118546
1736	415396.44	1251946.65	52.58281486	38.5103491
1737	415377	1251893.25	52.58264034	38.50956118
1738	415356.09	1251822.02	52.58245266	38.50851022
1739	415351.73	1251763.24	52.58241366	38.50764302
1740	415328.69	1251625.95	52.58220701	38.50561749
1741	415328.62	1251614.91	52.58220641	38.50545462
1742	415330.08	1251603.17	52.58221956	38.50528142
1743	415330.11	1251563.98	52.58221993	38.50470326
1744	415328.29	1251547.74	52.58220362	38.50446367
1745	415317.16	1251532.99	52.58210364	38.50424602
1746	415307.42	1251522.37	52.58201614	38.5040893
1747	415260.26	1251451.93	52.58159251	38.50304993
1748	415250.65	1251435.33	52.58150619	38.502805
1749	415233.88	1251400.26	52.58135557	38.50228756
1750	415172.94	1251156.25	52.58080845	38.4986876
1751	415133.56	1251033.34	52.58045478	38.49687428
1752	415119.03	1250963.41	52.58032432	38.49584261
1753	415118.77	1250953.11	52.580322	38.49569067
1754	415121.96	1250928.67	52.5803507	38.49533013
1755	415104.93	1250894	52.58019771	38.49481863
1756	415097.36	1250878.64	52.5801297	38.49459202
1757	415071.59	1250861.9	52.57989814	38.49434501
1758	415068.01	1250858.37	52.57986598	38.49429293
1759	415027.45	1250801.1	52.57950156	38.493448
1760	415009.17	1250733.35	52.57933737	38.49244852
1761	415015.23	1250665.7	52.57939189	38.49145057
1762	415016.41	1250660.48	52.5794025	38.49137356
1763	415015.29	1250655.25	52.57939244	38.49129641
1764	415012.09	1250650.96	52.57936369	38.49123312
1765	414934.95	1250495.62	52.5786706	38.48894148
1766	414930.55	1250486.42	52.57863107	38.48880576
1767	414911.13	1250456.95	52.57845657	38.48837101
1768	414882.81	1250408.11	52.5782021	38.48765052
1769	414873.32	1250383.73	52.57811683	38.48729087
1770	414821.29	1250290.09	52.5776493	38.48590952
1771	414799.59	1250250.44	52.5774543	38.48532462
1772	414739.85	1250140.86	52.57691746	38.48370817
1773	414568.79	1249872.52	52.57538017	38.47975001

1774	414473.4	1249721.8	52.57452286	38.47752692
1775	414375.74	1249564.38	52.5736451	38.4752051
1776	414319.69	1249494.43	52.57314133	38.47417345
1777	414080.95	1249230.92	52.57099552	38.47028738
1778	413834.84	1249043.22	52.56878351	38.46751979
1779	413619.51	1248929.79	52.56684822	38.46584767
1780	413258.93	1248721.35	52.56360737	38.46277519
1781	413041.14	1248654.5	52.56165002	38.46179035
1782	412797.98	1248652.15	52.55946486	38.46175678
1783	412563.09	1248702.83	52.55735415	38.46250508
1784	412377.52	1248746.37	52.55568664	38.46314784
1785	412276.49	1248758.54	52.55477876	38.46332769
1786	412089.64	1248779.27	52.55309969	38.46363409
1787	412038.13	1248784.56	52.55263681	38.46371229
1788	411617.22	1248782.51	52.54885429	38.46368377
1789	411173.96	1248802.25	52.54487097	38.46397655
1790	410962.36	1248801.21	52.54296942	38.46396207
1791	410765.68	1248778.09	52.54120189	38.46362209
1792	410559.11	1248738.31	52.53934545	38.46303664
1793	410327.55	1248673.7	52.53726436	38.4620854
1794	410198.36	1248624	52.53610325	38.46135352
1795	410072.2	1248561.38	52.53496933	38.46043126
1796	409896.02	1248468.02	52.53338581	38.4590563
1797	409752.58	1248359.15	52.53209643	38.4574527
1798	409567.88	1248233.13	52.53043619	38.45559672
1799	409680.91	1248070.63	52.53145135	38.45320151
1800	409690.29	1248077.11	52.53153567	38.45329694
1801	409742.79	1248110.64	52.53200759	38.45379071
1802	409783.11	1248136.8	52.53237002	38.45417596
1803	409827.18	1248164.79	52.53276616	38.45458817
1804	409856.04	1248187.76	52.5330256	38.45492649
1805	409859.59	1248192.28	52.53305751	38.45499308
1806	409874.58	1248203.05	52.53319226	38.4551517
1807	409895.21	1248220.3	52.53337771	38.45540578
1808	409918.66	1248240.02	52.53358852	38.45569625
1809	409937.71	1248253.79	52.53375976	38.45589907
1810	409954.29	1248268.89	52.53390881	38.4561215
1811	409971.45	1248278.72	52.53406305	38.45626626
1812	409988.63	1248291.95	52.53421748	38.45646113
1813	410005.81	1248303.33	52.53437191	38.45662874
1814	410023.27	1248312.21	52.53452885	38.45675951
1815	410044.79	1248322.94	52.53472227	38.45691752
1816	410065.69	1248333.97	52.53491013	38.45707996
1817	410088.75	1248343.44	52.53511739	38.45721939

1818	410100.74	1248347.71	52.53522515	38.45728225
1819	410112.92	1248355.54	52.53533463	38.45739758
1820	410131.18	1248366.44	52.53549876	38.45755812
1821	410153.34	1248380.27	52.53569795	38.45776182
1822	410166.91	1248387.63	52.53581992	38.45787021
1823	410181.25	1248394.21	52.53594881	38.45796711
1824	410195.75	1248400.94	52.53607913	38.45806621
1825	410213.06	1248410.29	52.53623472	38.45820392
1826	410234.26	1248419.77	52.53642526	38.45834352
1827	410267.47	1248436.39	52.53672376	38.45858829
1828	410281.67	1248444.53	52.53685139	38.45870818
1829	410295.23	1248450.8	52.53697327	38.45880052
1830	410311.59	1248457.36	52.53712031	38.45889711
1831	410328.57	1248463.14	52.53727292	38.45898221
1832	410341.19	1248468.96	52.53738635	38.45906792
1833	410349.29	1248471.54	52.53745914	38.4591059
1834	410358.93	1248473.18	52.53754578	38.45913003
1835	410369.36	1248475.13	52.53763951	38.45915871
1836	410375.9	1248477.41	52.53769829	38.45919228
1837	410385.42	1248484.02	52.53778387	38.45928965
1838	410398.04	1248488.83	52.53789729	38.45936048
1839	410408	1248491.24	52.5379868	38.45939595
1840	410417.8	1248492.41	52.53807487	38.45941315
1841	410428.37	1248493.43	52.53816987	38.45942813
1842	410437.57	1248497.71	52.53825255	38.45949116
1843	410448.77	1248499.18	52.53835321	38.45951277
1844	410465.28	1248505.59	52.53850159	38.45960716
1845	410476.96	1248508.61	52.53860657	38.45965161
1846	410488.32	1248511.64	52.53870866	38.45969621
1847	410501.9	1248520.71	52.53883073	38.45982982
1848	410516.56	1248527.75	52.53896249	38.45993351
1849	410528.53	1248528.44	52.53907006	38.45994362
1850	410540.5	1248529.6	52.53917763	38.45996066
1851	410557.31	1248534.14	52.53932871	38.46002749
1852	410581.28	1248540.18	52.53954413	38.4601164
1853	410597.31	1248543.64	52.5396882	38.46016732
1854	410611.16	1248547.43	52.53981267	38.46022311
1855	410628.6	1248552.12	52.53996941	38.46029215
1856	410659.42	1248560.6	52.5402464	38.46041699
1857	410672.03	1248564.08	52.54035973	38.46046822
1858	410681.05	1248565.26	52.54044079	38.46048557
1859	410693.96	1248566.72	52.54055681	38.46050703
1860	410710.61	1248570.33	52.54070645	38.46056016
1861	410726	1248571.93	52.54084476	38.46058367

1862	410740.01	1248575.09	52.54097067	38.46063018
1863	410752.15	1248577.8	52.54107977	38.46067006
1864	410769.56	1248579.23	52.54123623	38.46069106
1865	410789	1248581.58	52.54141094	38.4607256
1866	410802.37	1248582.73	52.54153109	38.46074249
1867	410817.45	1248585.1	52.54166661	38.46077735
1868	410830.98	1248586.4	52.5417882	38.46079645
1869	410846.38	1248588.47	52.5419266	38.46082689
1870	410860.69	1248591.01	52.54205521	38.46086426
1871	410872.98	1248593.1	52.54216566	38.46089501
1872	410888.06	1248594.23	52.54230118	38.46091159
1873	410901.12	1248596	52.54241855	38.46093762
1874	410913.08	1248595.45	52.54252602	38.46092946
1875	410924.11	1248595.68	52.54262515	38.4609328
1876	410930.8	1248596.41	52.54268527	38.46094353
1877	410942.93	1248597.72	52.54279428	38.46096278
1878	410959.88	1248600.24	52.54294661	38.46099985
1879	410975.13	1248603.71	52.54308366	38.46105092
1880	410989.74	1248604.69	52.54321496	38.4610653
1881	410999.38	1248605.55	52.54330159	38.46107793
1882	411012.9	1248605.92	52.54342309	38.46108332
1883	411027.35	1248605.51	52.54355294	38.46107722
1884	411045.84	1248605.69	52.5437191	38.46107978
1885	411060.44	1248605.27	52.5438503	38.46107353
1886	411071.47	1248605.5	52.54394943	38.46107686
1887	411086.08	1248606.48	52.54408072	38.46109124
1888	411095.25	1248605.95	52.54416313	38.46108339
1889	411112.64	1248604.9	52.5443194	38.46106783
1890	411126.62	1248604.33	52.54444503	38.46105937
1891	411133.61	1248603.66	52.54450784	38.46104946
1892	411144.64	1248603.89	52.54460697	38.4610528
1893	411157.07	1248604.58	52.54471867	38.46106291
1894	411169.35	1248604.33	52.54482902	38.46105917
1895	411184.1	1248602.83	52.54496157	38.46103699
1896	411203.36	1248601.92	52.54513465	38.46102349
1897	411215.01	1248601.99	52.54523934	38.46102447
1898	411229.46	1248602.35	52.5453692	38.46102971
1899	411240.95	1248601.65	52.54547245	38.46101933
1900	411255.55	1248600.3	52.54560365	38.46099937
1901	411272.18	1248600.8	52.5457531	38.46100666
1902	411281.49	1248600.11	52.54583676	38.46099645
1903	411286.46	1248598.83	52.54588142	38.46097756
1904	411301.52	1248598.26	52.54601676	38.46096908
1905	411323.12	1248599.04	52.54621087	38.46098048

1906	411342.38	1248598.28	52.54638394	38.46096919
1907	411360.24	1248596.44	52.54654444	38.46094198
1908	411368.01	1248597.01	52.54661427	38.46095035
1909	411377.49	1248597.72	52.54669946	38.46096077
1910	411382.02	1248600.01	52.54674018	38.46099451
1911	411383.28	1248603.58	52.54675151	38.46104713
1912	411385.62	1248603.87	52.54677254	38.46105139
1913	411388.54	1248599.97	52.54679877	38.46099389
1914	411395.81	1248595.56	52.54686409	38.46092885
1915	411408.08	1248594.7	52.54697435	38.46091611
1916	411423.3	1248593.66	52.54711112	38.46090071
1917	411444.27	1248592.58	52.54729957	38.46088469
1918	411454.06	1248593.13	52.54738754	38.46089276
1919	411464.94	1248593.83	52.54748532	38.46090303
1920	411477.06	1248593.9	52.54759424	38.460904
1921	411493.99	1248593.62	52.54774638	38.46089979
1922	411507.81	1248592.74	52.54787057	38.46088676
1923	411541.51	1248590.02	52.54817341	38.46084651
1924	411550.05	1248589.33	52.54825015	38.46083629
1925	411568.38	1248588.74	52.54841487	38.46082751
1926	411581.42	1248587.55	52.54853205	38.46080991
1927	411598.34	1248584.79	52.5486841	38.46076914
1928	411619	1248584.18	52.54886976	38.46076005
1929	411647.44	1248586.3	52.54912534	38.46079117
1930	411658.94	1248585.91	52.54922868	38.46078537
1931	411671.37	1248585.82	52.54934038	38.46078399
1932	411680.53	1248585.6	52.5494227	38.4607807
1933	411687.37	1248585.55	52.54948417	38.46077993
1934	411698.25	1248586.72	52.54958194	38.46079713
1935	411716.76	1248589.54	52.54974829	38.46083861
1936	411730.74	1248588.82	52.54987392	38.46082794
1937	411743.94	1248587.63	52.54999254	38.46081033
1938	411753.87	1248586.01	52.55008177	38.4607864
1939	411767.39	1248586.07	52.55020327	38.46078722
1940	411784.95	1248586.87	52.55036107	38.46079894
1941	411799.09	1248587.7	52.55048815	38.46081111
1942	411819.44	1248587.09	52.55067102	38.46080202
1943	411848.34	1248586.26	52.55093073	38.46078965
1944	411856.58	1248586.98	52.55100478	38.46080022
1945	411868.23	1248586.74	52.55110947	38.46079663
1946	411878.63	1248586.51	52.55120293	38.46079319
1947	411893.24	1248586.87	52.55133422	38.46079843
1948	411907.54	1248587.55	52.55146273	38.46080839
1949	411917.79	1248587.16	52.55155484	38.46080259

1950	411924.77	1248585.41	52.55161756	38.46077676
1951	411934.72	1248586.27	52.55170698	38.46078939
1952	411948.87	1248588.03	52.55183415	38.46081527
1953	411964.87	1248587.76	52.55197793	38.46081122
1954	411986.46	1248586.21	52.55217195	38.46078827
1955	411995.78	1248585.52	52.5522557	38.46077805
1956	412010.38	1248585.88	52.5523869	38.46078329
1957	412027.63	1248586.53	52.55254192	38.46079279
1958	412038.82	1248586.61	52.55264248	38.46079392
1959	412050.93	1248584.97	52.5527513	38.46076969
1960	412069.24	1248581.42	52.55291583	38.46071726
1961	412077.62	1248580.43	52.55299114	38.46070263
1962	412087.39	1248578.03	52.55307893	38.4606672
1963	412101.05	1248575.91	52.55320168	38.46063588
1964	412117.66	1248574.7	52.55335094	38.46061796
1965	412155.07	1248569	52.55368711	38.46053375
1966	412169.04	1248567.34	52.55381265	38.46050921
1967	412186.74	1248566.44	52.55397171	38.46049586
1968	412208.8	1248566.12	52.55416995	38.46049104
1969	412233.65	1248564.86	52.55439326	38.46047234
1970	412259.88	1248560.48	52.55462896	38.46040764
1971	412268.43	1248560.73	52.5547058	38.46041129
1972	412280.08	1248560.18	52.55481049	38.46040312
1973	412294.06	1248560.23	52.55493612	38.46040379
1974	412305.85	1248558.44	52.55504207	38.46037735
1975	412321.68	1248555.68	52.55518431	38.46033658
1976	412338.28	1248552.15	52.55533348	38.46028445
1977	412351.93	1248549.25	52.55545614	38.46024163
1978	412370.26	1248548.5	52.55562086	38.46023049
1979	412380.2	1248547.81	52.55571018	38.46022026
1980	412391.06	1248546.17	52.55580777	38.46019603
1981	412399.14	1248545.03	52.55588038	38.46017919
1982	412409.68	1248542.78	52.55597509	38.46014596
1983	412421.95	1248541.14	52.55608535	38.46012172
1984	412435.75	1248538.24	52.55620935	38.4600789
1985	412450.02	1248534.1	52.55633758	38.46001779
1986	412463.65	1248528.87	52.55646005	38.45994061
1987	412472.63	1248524.19	52.55654074	38.45987156
1988	412479.92	1248522.27	52.55660624	38.45984322
1989	412488.13	1248519.26	52.55668001	38.4597988
1990	412498.51	1248514.84	52.55677328	38.45973358
1991	412512.32	1248511.79	52.55689737	38.45968854
1992	412520.68	1248508.31	52.55697249	38.45963719
1993	412525.62	1248503.3	52.55701687	38.4595633

1994	412529.65	1248501.87	52.55705308	38.45954219
1995	412531.85	1248505.12	52.55707286	38.4595901
1996	412535.57	1248504.94	52.55710629	38.45958743
1997	412542.39	1248501.78	52.55716757	38.4595408
1998	412547.49	1248498.33	52.55721339	38.45948991
1999	412556.96	1248498.1	52.55729849	38.45948647
2000	412566.3	1248499.75	52.55738243	38.45951075
2001	412579.99	1248501.98	52.55750546	38.45954357
2002	412590.23	1248500.82	52.55759748	38.45952641
2003	412598.3	1248498.89	52.55766999	38.45949792
2004	412607.29	1248496.19	52.55775077	38.45945806
2005	412617.82	1248491.61	52.55784539	38.45939048
2006	412631.61	1248486.23	52.5579693	38.45931108
2007	412640.59	1248481.19	52.55804998	38.45923673
2008	412645.53	1248477.74	52.55809436	38.45918583
2009	412656.37	1248472.38	52.55819176	38.45910675
2010	412667.22	1248468.88	52.55828925	38.45905508
2011	412683.04	1248465.04	52.55843141	38.45899839
2012	412699.18	1248461.82	52.55857644	38.45895083
2013	412729.3	1248459.42	52.55884711	38.45891529
2014	412765.95	1248456.68	52.55917645	38.4588747
2015	412776.19	1248455.05	52.55926847	38.45885061
2016	412792.03	1248453.38	52.55941081	38.45882591
2017	412815.32	1248451.35	52.5596201	38.45879586
2018	412835.2	1248449.97	52.55979875	38.45877541
2019	412867.8	1248446	52.56009169	38.4587167
2020	412898.23	1248442.99	52.56036514	38.45867217
2021	412919.67	1248443.15	52.56055782	38.45867442
2022	412943.29	1248443.29	52.56077008	38.45867636
2023	412978.74	1248447.69	52.56108866	38.45874106
2024	413001.12	1248448.78	52.56128978	38.45875702
2025	413030.36	1248452.92	52.56155256	38.45881792
2026	413083.86	1248460.77	52.56203336	38.4589334
2027	413107.22	1248467.75	52.56224331	38.45903621
2028	413134.63	1248477.5	52.56248966	38.45917985
2029	413167.32	1248485.03	52.56278345	38.45929073
2030	413194.4	1248492.29	52.56302683	38.45939765
2031	413233.32	1248502.58	52.56337661	38.4595492
2032	413266.34	1248514.46	52.56367338	38.45972423
2033	413293.12	1248522.35	52.56391406	38.45984045
2034	413310.89	1248530.3	52.56407377	38.4599576
2035	413334.25	1248537.59	52.56428372	38.46006499
2036	413355.77	1248548.62	52.56447714	38.46022755
2037	413387.88	1248563.62	52.56476574	38.4604486

2038	413427.81	1248584.77	52.56512463	38.46076031
2039	413486.48	1248620.32	52.56565197	38.4612843
2040	413517.38	1248639.68	52.56592971	38.46156967
2041	413556.38	1248660.84	52.56628024	38.46188155
2042	413595.55	1248684.95	52.5666323	38.46223695
2043	413608.97	1248692.78	52.56675292	38.46235236
2044	413623.18	1248702.78	52.56688065	38.46249978
2045	413646.43	1248716.59	52.56708962	38.46270334
2046	413668.27	1248729.91	52.56728592	38.46289969
2047	413679.03	1248735.28	52.56738263	38.46297884
2048	413684.83	1248742.07	52.56743477	38.46307896
2049	413689.21	1248746.08	52.56747414	38.46313808
2050	413693.55	1248744.96	52.56751313	38.46312154
2051	413699.13	1248743.37	52.56756328	38.46309807
2052	413703.81	1248746.44	52.56760534	38.46314332
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2054	413725.84	1248763.06	52.56780335	38.46338834
2055	413744.08	1248771.48	52.56796729	38.46351245
2056	413767.02	1248785.14	52.56817347	38.46371381
2057	413779.15	1248787.85	52.56828249	38.46375373
2058	413788.52	1248793.22	52.5683667	38.46383289
2059	413797.41	1248797.97	52.5684466	38.46390291
2060	413806.12	1248800.55	52.56852488	38.46394092
2061	413816.72	1248805.29	52.56862015	38.46401079
2062	413827.01	1248810.04	52.56871263	38.4640808
2063	413838.56	1248816.63	52.56881644	38.46417795
2064	413851.34	1248823.22	52.56893131	38.46427509
2065	413865.86	1248832.09	52.56906181	38.46440585
2066	413875.84	1248836.99	52.56915151	38.46447808
2067	413888.94	1248844.2	52.56926925	38.46458436
2068	413903.77	1248853.57	52.56940254	38.4647225
2069	413919.99	1248862.78	52.56954832	38.46485827
2070	413941.69	1248876.6	52.56974336	38.46506201
2071	413951.98	1248881.97	52.56983584	38.46514118
2072	413962.74	1248887.49	52.56993255	38.46522255
2073	413972.12	1248895.19	52.57001686	38.46533608
2074	413982.59	1248904.28	52.57011097	38.46547011
2075	413997.26	1248913.81	52.57024282	38.46561061
2076	414009.29	1248922.58	52.57035095	38.46573991
2077	414024.9	1248933.34	52.57049125	38.46589855
2078	414045.67	1248947.56	52.57067793	38.46610821
2079	414059.28	1248960.05	52.57080027	38.46629237
2080	414083.17	1248976.81	52.57101499	38.46653948
2081	414117.06	1249000.96	52.57131959	38.46689556

2082	414138.02	1249018.79	52.57150799	38.46715847
2083	414161.33	1249036.72	52.5717175	38.46742284
2084	414198.07	1249068.8	52.57204773	38.46789588
2085	414221.57	1249091.34	52.57225895	38.46822826
2086	414245.88	1249116.56	52.57247746	38.46860017
2087	414268.06	1249132.32	52.57267681	38.46883256
2088	414289.16	1249152.49	52.57286646	38.46913
2089	414305.8	1249170.94	52.57301603	38.46940208
2090	414322.6	1249188.88	52.57316703	38.46966664
2091	414338.77	1249208.45	52.57331238	38.46995525
2092	414354.14	1249226.12	52.57345053	38.47021584
2093	414373.01	1249245.03	52.57362014	38.47049471
2094	414390.95	1249266.97	52.57378139	38.47081828
2095	414417.22	1249300.36	52.57401752	38.47131071
2096	414432.92	1249319.46	52.57415863	38.4715924
2097	414454.07	1249347.25	52.57434874	38.47200226
2098	414469.26	1249363.01	52.57448526	38.47223469
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2100	414492.36	1249396.46	52.5746929	38.47272803
2101	414501.05	1249412.59	52.57477101	38.47296593
2102	414507.61	1249419.21	52.57482997	38.47306357
2103	414516.36	1249422.64	52.57490861	38.47311414
2104	414534.47	1249445.53	52.57507138	38.47345174
2105	414555.31	1249474.2	52.5752587	38.47387459
2106	414574.4	1249502	52.57543028	38.47428462
2107	414593.83	1249532.66	52.57560492	38.47473684
2108	414624.81	1249579.66	52.57588337	38.47543007
2109	414640.59	1249610.98	52.57602521	38.47589204
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2111	414671.78	1249666.01	52.57630555	38.47670373
2112	414736.64	1249766.83	52.57688849	38.47819084
2113	414782.24	1249838.57	52.57729832	38.47924904
2114	414809.37	1249881.32	52.57754214	38.47987963
2115	414824.78	1249904.55	52.57768063	38.48022229
2116	414840.68	1249930.31	52.57782353	38.48060228
2117	414860.75	1249961.91	52.5780039	38.48106841
2118	414875.84	1249985.78	52.57813951	38.48142052
2119	414892.23	1250013.12	52.57828681	38.48182382
2120	414911.96	1250040.61	52.57846411	38.48222933
2121	414925.01	1250067.86	52.57858139	38.48263131
2122	414939.65	1250094.74	52.57871296	38.48302783
2123	414957.81	1250125.57	52.57887615	38.48348263
2124	414969.88	1250148.66	52.57898462	38.48382324
2125	414989.8	1250181.46	52.57916363	38.4843071

2126	414994.97	1250194.12	52.57921008	38.48449386
2127	415020.22	1250239.02	52.57943699	38.48515623
2128	415042.24	1250276.65	52.57963486	38.48571135
2129	415056.42	1250306.47	52.57976228	38.48615126
2130	415068.55	1250337.66	52.57987127	38.48661139
2131	415077.36	1250348.55	52.57995044	38.48677204
2132	415097.91	1250379.95	52.5801351	38.48723527
2133	415104.49	1250389.91	52.58019423	38.48738221
2134	415113.67	1250409.21	52.58027671	38.48766693
2135	415121.08	1250424.24	52.58034329	38.48788867
2136	415129.32	1250444.34	52.58041733	38.48818519
2137	415139.29	1250461.89	52.58050692	38.48844411
2138	415147.62	1250472.15	52.58058177	38.48859547
2139	415162.26	1250498.87	52.58071331	38.48898967
2140	415163.3	1250510.89	52.58072265	38.48916699
2141	415169.41	1250521.64	52.58077755	38.48932559
2142	415176.19	1250537.47	52.58083847	38.48955913
2143	415182.95	1250550.12	52.58089921	38.48974575
2144	415188.73	1250559.76	52.58095114	38.48988797
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2146	415197.75	1250578.11	52.58103218	38.49015869
2147	415200.34	1250585.4	52.58105545	38.49026624
2148	415203.54	1250588.23	52.58108421	38.490308
2149	415210.21	1250589.14	52.58114414	38.49032143
2150	415215.64	1250593.07	52.58119294	38.49037941
2151	415219.66	1250600.66	52.58122906	38.49049139
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2154	415218.99	1250617.29	52.58122302	38.49073673
2155	415220.94	1250623.31	52.58124054	38.49082554
2156	415224.77	1250627.09	52.58127495	38.49088131
2157	415229.23	1250628.81	52.58131503	38.49090669
2158	415233.51	1250628.46	52.5813535	38.49090153
2159	415236.85	1250628.28	52.58138351	38.49089888
2160	415240.67	1250630.31	52.58141784	38.49092884
2161	415242.75	1250632.52	52.58143653	38.49096144
2162	415247.68	1250632.96	52.58148083	38.49096794
2163	415255.77	1250632.59	52.58155353	38.49096249
2164	415267.99	1250631.86	52.58166335	38.49095174
2165	415270.39	1250633.85	52.58168491	38.4909811
2166	415273.59	1250636.08	52.58171367	38.49101401
2167	415278.65	1250637.73	52.58175914	38.49103836
2168	415284.47	1250639.56	52.58181144	38.49106536
2169	415289.72	1250640.83	52.58185861	38.49108411

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2172	415296.38	1250655.57	52.58191845	38.49130157
2173	415294.53	1250659.52	52.58190182	38.49135984
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2176	415275.34	1250665.64	52.58172936	38.4914501
2177	415270.13	1250669.8	52.58168254	38.49151146
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2180	415256.12	1250674.21	52.58155664	38.4915765
2181	415247.71	1250676.33	52.58148106	38.49160776
2182	415239.86	1250678.26	52.58141051	38.49163622
2183	415232.22	1250683.18	52.58134185	38.49170879
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2187	415229.3	1250693.49	52.5813156	38.49186088
2188	415234.72	1250691.58	52.58136431	38.49183272
2189	415236.42	1250694.38	52.58137958	38.49187403
2190	415233.83	1250698.89	52.5813563	38.49194056
2191	415228.62	1250702.3	52.58130948	38.49199085
2192	415225.83	1250705.69	52.5812844	38.49204086
2193	415224.92	1250708.5	52.58127622	38.49208231
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2197	415243.63	1250707.99	52.58144436	38.49207482
2198	415244.23	1250713.04	52.58144975	38.49214932
2199	415242.77	1250717.92	52.58143662	38.49222131
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2207	415207.76	1250717.99	52.581122	38.49222228
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2210	415225.41	1250725.72	52.58128061	38.49233635
2211	415232.55	1250728.67	52.58134477	38.49237988
2212	415237.64	1250734.25	52.5813905	38.49246221
2213	415252.27	1250750.15	52.58152196	38.49269681

2214	415255.66	1250753.68	52.58155242	38.49274889
2215	415262.09	1250762.43	52.58161019	38.49287799
2216	415268.35	1250774.56	52.58166643	38.49305695
2217	415275.03	1250791.92	52.58172644	38.49331307
2218	415281.28	1250802.17	52.58178259	38.4934643
2219	415287.17	1250813.36	52.58183551	38.49362939
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2227	415334.97	1250881.49	52.58226497	38.4946346
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2235	415348.16	1250918.84	52.58238345	38.49518565
2236	415358.34	1250928.88	52.58247492	38.4953338
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2244	415344.43	1250948.07	52.58234989	38.49561687
2245	415346.64	1250942.06	52.58236976	38.49552821
2246	415344.14	1250933.47	52.5823473	38.49540148
2247	415340.93	1250929.75	52.58231846	38.49534659
2248	415336.05	1250927.16	52.58227461	38.49530837
2249	415328.95	1250929.46	52.58221081	38.49534228
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2251	415323.82	1250945.55	52.58216468	38.49557964
2252	415318.05	1250950.09	52.58211282	38.49564661
2253	415318.31	1250960.38	52.58211514	38.49579841
2254	415322.32	1250970.27	52.58215116	38.49594433
2255	415328.39	1250982.35	52.58220569	38.49612256
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2258	415347.24	1251025.65	52.58237502	38.49676141
2259	415349.52	1251031.25	52.5823955	38.49684403
2260	415354.74	1251053.26	52.58244237	38.49716876
2261	415360.1	1251070.44	52.58249051	38.49742223
2262	415363.76	1251084.08	52.58252338	38.49762347
2263	415365.35	1251097.17	52.58253764	38.49781659
2264	415370.07	1251128.59	52.58258	38.49828014
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2266	415382.12	1251177.65	52.5826882	38.49900396
2267	415383.91	1251192.8	52.58270425	38.49922747
2268	415387.19	1251205.69	52.5827337	38.49941765
2269	415391.23	1251221.02	52.58276998	38.49964383
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2271	415401.84	1251264.93	52.58286524	38.50029167
2272	415407.63	1251289.04	52.58291722	38.50064738
2273	415416.81	1251322.96	52.58299964	38.50114784
2274	415421.57	1251333.97	52.58304239	38.50131029
2275	415426.88	1251344.04	52.58309009	38.50145887
2276	415431.81	1251352.24	52.58313437	38.50157987
2277	415437.88	1251362.68	52.5831889	38.50173391
2278	415442.62	1251371.07	52.58323147	38.50185771
2279	415447.73	1251380.02	52.58327737	38.50198977
2280	415453.22	1251388.22	52.58332669	38.50211077
2281	415459.45	1251394.91	52.58338266	38.50220949
2282	415465.68	1251401.8	52.58343863	38.50231116
2283	415470.02	1251407.38	52.58347762	38.5023935
2284	415473.62	1251413.35	52.58350996	38.50248159
2285	415478.14	1251417.25	52.58355056	38.50253915
2286	415481.55	1251422.84	52.5835812	38.50262163
2287	415485.15	1251428.99	52.58361353	38.50271238
2288	415491	1251434.56	52.58366609	38.50279458
2289	415498.26	1251442.66	52.58373131	38.50291411
2290	415500.54	1251447.51	52.58375179	38.50298567
2291	415506.01	1251452.9	52.58380093	38.50306521
2292	415511.28	1251457.16	52.58384828	38.50312809
2293	415516.16	1251458.44	52.58389213	38.50314699
2294	415524.43	1251463.62	52.58396644	38.50322345
2295	415528.79	1251470.89	52.5840056	38.50333072
2296	415531.11	1251480.42	52.58402642	38.50347133
2297	415533.59	1251486.96	52.5840487	38.50356783
2298	415536.44	1251493.12	52.58407429	38.50365872
2299	415538.37	1251500.59	52.58409162	38.50376894
2300	415538.97	1251506.39	52.58409699	38.50385451
2301	415539.77	1251513.31	52.58410417	38.50395661

2302	415538.69	1251519.12	52.58409445	38.50404232
2303	415535.91	1251523.45	52.58406945	38.50410619
2304	415533.69	1251527.77	52.58404949	38.50416992
2305	415530.57	1251535.65	52.58402143	38.50428616
2306	415528.16	1251539.6	52.58399977	38.50434443
2307	415528.96	1251546.34	52.58400694	38.50444387
2308	415529.76	1251553.82	52.58401411	38.50455423
2309	415529.65	1251563.93	52.58401309	38.50470338
2310	415529.34	1251572.92	52.58401028	38.50483602
2311	415529.41	1251583.03	52.58401088	38.50498517
2312	415528.91	1251592.3	52.58400637	38.50512194
2313	415529.54	1251600.9	52.584012	38.50524882
2314	415532.39	1251606.69	52.5840376	38.50533425
2315	415530.73	1251610.63	52.58402267	38.50539238
2316	415527.96	1251615.52	52.58399777	38.50546451
2317	415528.04	1251626.56	52.58399846	38.50562739
2318	415530.95	1251641.89	52.58402456	38.50585357
2319	415533.63	1251649.36	52.58404863	38.50596379
2320	415539.5	1251658.87	52.58410135	38.50610412
2321	415545.21	1251672.49	52.58415262	38.50630509
2322	415548.45	1251680.15	52.58418172	38.50641812
2323	415554.16	1251693.21	52.58423299	38.50661083
2324	415557.04	1251702.74	52.58425885	38.50675144
2325	415561.41	1251711.32	52.58429809	38.50687805
2326	415561.59	1251717.78	52.58429969	38.50697336
2327	415563.13	1251723.57	52.58431352	38.50705879
2328	415565.6	1251728.98	52.5843357	38.50713861
2329	415570.5	1251733.06	52.58437972	38.50719883
2330	415574.66	1251739.02	52.58441708	38.50728678
2331	415574.71	1251745.2	52.58441751	38.50737796
2332	415571.93	1251750.28	52.58439252	38.5074529
2333	415567.3	1251755.93	52.58435089	38.50753623
2334	415560.8	1251764.02	52.58429246	38.50765556
2335	415552.62	1251772.5	52.58421892	38.50778062
2336	415550.61	1251778.88	52.58420084	38.50787474
2337	415552.56	1251790.29	52.58421833	38.50804309
2338	415556.23	1251805.24	52.58425126	38.50826367
2339	415563.1	1251823.73	52.58431294	38.5085365
2340	415568.82	1251838.66	52.5843643	38.5087568
2341	415574.35	1251852.85	52.58441395	38.50896618
2342	415581.8	1251872.45	52.58448084	38.50925539
2343	415587.55	1251891.88	52.58453245	38.50954209
2344	415594.93	1251902.03	52.58459873	38.50969187
2345	415599.85	1251909.86	52.58464292	38.50980742

2346	415604.41	1251918.63	52.58468387	38.50993684
2347	415610.81	1251931.08	52.58474134	38.51012055
2348	415616.17	1251947.14	52.58478946	38.51035753
2349	415620.81	1251967.32	52.58483109	38.51065528
2350	415622.81	1251986.03	52.584849	38.51093134
2351	415625.24	1252011.29	52.58487075	38.51130403
2352	415629.52	1252033.91	52.58490913	38.51163778
2353	415632.6	1252045.31	52.58493677	38.51180599
2354	415639.67	1252065.47	52.58500023	38.51210347
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2356	415654.84	1252118.06	52.58513637	38.51287946
2357	415660.6	1252138.8	52.58518805	38.51318549
2358	415664.48	1252156.94	52.58522285	38.51345315
2359	415669.64	1252178.76	52.58526914	38.51377511
2360	415672.57	1252195.02	52.58529541	38.51401503
2361	415675.49	1252211.29	52.58532159	38.51425509
2362	415679.15	1252226.05	52.58535442	38.51447288
2363	415681.72	1252244.75	52.58537745	38.5147488
2364	415688.09	1252271.85	52.58543458	38.51514867
2365	415691.91	1252282.31	52.58546887	38.51530302
2366	415696.24	1252286.02	52.58550777	38.51535778
2367	415699.96	1252287.96	52.58554119	38.51538643
2368	415704.3	1252292.99	52.58558017	38.51546067
2369	415706.97	1252300.64	52.58560414	38.51557356
2370	415707.03	1252308.88	52.58560464	38.51569513
2371	415706.15	1252316.56	52.5855967	38.51580843
2372	415703.8	1252327.62	52.58557554	38.5159716
2373	415704.29	1252343.53	52.58557988	38.51620634
2374	415706.25	1252356.44	52.58559744	38.51639682
2375	415710.18	1252362.54	52.58563273	38.51648685
2376	415714.52	1252367	52.58567171	38.51655268
2377	415719.63	1252374.64	52.5857176	38.51666544
2378	415724.19	1252384.34	52.58575854	38.51680858
2379	415728.21	1252396.3	52.58579462	38.51698507
2380	415729.58	1252405.27	52.58580689	38.51711742
2381	415728.32	1252411.65	52.58579554	38.51721154
2382	415726.16	1252424.39	52.58577608	38.51739949
2383	415724.56	1252435.82	52.58576165	38.51756812
2384	415726	1252454.35	52.58577451	38.51784152
2385	415729.06	1252463.45	52.58580197	38.51797581
2386	415733.06	1252472.6	52.58583788	38.51811084
2387	415738.16	1252479.3	52.58588368	38.51820972
2388	415742.51	1252485.63	52.58592275	38.51830315
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2390	415743.58	1252504.53	52.58593228	38.51858201
2391	415741.38	1252510.73	52.58591248	38.51867347
2392	415739.73	1252515.23	52.58589763	38.51873985
2393	415738.65	1252521.75	52.5858879	38.51883604
2394	415740.44	1252535.4	52.58590393	38.51903744
2395	415745.45	1252555.39	52.58594886	38.51933241
2396	415752.12	1252572.76	52.58600872	38.51958874
2397	415758.99	1252590.68	52.58607038	38.51985319
2398	415766.58	1252611.73	52.58613849	38.52016382
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2401	415784.45	1252649.8	52.5862989	38.52072565
2402	415794.3	1252664.7	52.58638735	38.52094556
2403	415803.57	1252679.43	52.58647059	38.52116296
2404	415814.35	1252693.39	52.58656739	38.52136901
2405	415823.73	1252703.39	52.58665164	38.52151663
2406	415832.97	1252712.68	52.58673463	38.52165377
2407	415844.64	1252721.39	52.58683946	38.52178237
2408	415853.67	1252727.88	52.58692058	38.5218782
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2410	415876.08	1252745.88	52.58712188	38.52214395
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2413	415894.16	1252747.58	52.58728435	38.52216918
2414	415900.52	1252747.53	52.5873415	38.52216849
2415	415911.01	1252747.64	52.58743577	38.5221702
2416	415922.06	1252748.13	52.58753507	38.52217751
2417	415930.31	1252750.87	52.58760919	38.52221801
2418	415935.39	1252754.02	52.58765483	38.52226452
2419	415941.99	1252759.96	52.58771411	38.52235222
2420	415949.54	1252769.46	52.58778191	38.52249245
2421	415955.02	1252776.53	52.58783112	38.52259681
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2424	415973.74	1252802.42	52.58799922	38.52297896
2425	415983.53	1252809.65	52.58808716	38.52308571
2426	415995.56	1252816.12	52.58819524	38.52318128
2427	416007.63	1252822.35	52.58830367	38.5232733
2428	416019.28	1252828.63	52.58840834	38.52336605
2429	416031.89	1252837.15	52.58852161	38.52349187
2430	416045.24	1252845.29	52.58864154	38.52361208
2431	416059.71	1252853.62	52.58877153	38.52373511
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2433	416088.86	1252872.69	52.58903339	38.52401673

2434	416108.15	1252885.61	52.58920668	38.52420753
2435	416117.17	1252891.16	52.58928771	38.52428949
2436	416126.58	1252898.21	52.58937223	38.52439359
2437	416132.99	1252904.71	52.5894298	38.52448956
2438	416140.56	1252914.96	52.58949778	38.52464086
2439	416150.91	1252922.93	52.58959075	38.52475855
2440	416160.33	1252931.1	52.58967536	38.52487918
2441	416169.39	1252940.77	52.58975672	38.52502194
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2443	416191.59	1252956.9	52.58995614	38.52526013
2444	416220.48	1252977.57	52.59021565	38.52556538
2445	416227.53	1252981.82	52.59027898	38.52562815
2446	416234.68	1252986.54	52.59034321	38.52569786
2447	416244	1252994.53	52.59042692	38.52581583
2448	416254.34	1253000.16	52.59051981	38.525899
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2451	416277.21	1253010.95	52.59072528	38.52605841
2452	416284.25	1253013.62	52.59078853	38.52609787
2453	416287.27	1253017.15	52.59081565	38.52614998
2454	416292.82	1253020.76	52.5908655	38.5262033
2455	416302.68	1253025.18	52.59095409	38.5262686
2456	416329.53	1253037.25	52.59119531	38.52644694
2457	416343.24	1253042.58	52.59131848	38.52652571
2458	416357.51	1253049.22	52.59144669	38.52662382
2459	416371.78	1253054.36	52.59157489	38.52669979
2460	416377.21	1253054.14	52.59162369	38.52669659
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2463	416397.28	1253047.63	52.59180408	38.5266007
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2465	416411.08	1253040.23	52.59192814	38.52649163
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2467	416419.08	1253032.49	52.59200007	38.52637749
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2475	416473.04	1252999.34	52.59248515	38.52588879
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2482	416528.2	1253002.79	52.59298083	38.52594018
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2484	416533.62	1253001.16	52.59302954	38.52591617
2485	416536.81	1253002.44	52.5930582	38.52593509
2486	416538.43	1253007.21	52.59307274	38.52600549
2487	416539.96	1253011.5	52.59308646	38.52606881
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2492	416545.89	1253035.96	52.59313962	38.5264298
2493	416547.97	1253038.19	52.5931583	38.52646273
2494	416552.19	1253040.03	52.59319622	38.52648992
2495	416555.76	1253040.85	52.59322829	38.52650205
2496	416560.53	1253041.28	52.59327116	38.52650844
2497	416564.94	1253042.75	52.59331078	38.52653017
2498	416568.9	1253045.72	52.59334635	38.52657403
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2500	416574.6	1253057.38	52.59339751	38.52674614
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2503	416587.84	1253063.55	52.59351646	38.52683731
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2518	416671.29	1253024.79	52.59426658	38.52626607
2519	416674.27	1253022.61	52.59429337	38.52623392
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2531	416733.16	1252981.12	52.5948228	38.52562217
2532	416738.29	1252978.65	52.59486892	38.52558576
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2539	416760.92	1252953.73	52.59507241	38.52521821
2540	416764.45	1252949.77	52.59510415	38.5251598
2541	416770.21	1252943.27	52.59515595	38.52506392
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2549	416822.67	1252889.75	52.59562765	38.52427456
2550	416827.67	1252883.35	52.59567262	38.52418015
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2563	416915.05	1252777.19	52.59645838	38.52261421
2564	416926.74	1252765	52.59656349	38.5224344
2565	416935.22	1252755.63	52.59663974	38.52229619

2566	416941.44	1252748.93	52.59669567	38.52219737
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2568	416961.63	1252729.03	52.5968772	38.52190384
2569	416968.59	1252718.53	52.59693979	38.52174894
2570	416974.98	1252709.55	52.59699726	38.52161647
2571	416981.39	1252702.67	52.5970549	38.52151498
2572	416986.46	1252694.65	52.59710049	38.52139666
2573	416991.93	1252688.72	52.59714968	38.52130919
2574	416999.11	1252682.59	52.59721423	38.52121878
2575	417009.75	1252669.45	52.59730991	38.52102495
2576	417023.49	1252652.25	52.59743346	38.52077121
2577	417035.34	1252635.45	52.59754003	38.52052337
2578	417044.36	1252621.13	52.59762115	38.5203121
2579	417055.67	1252608.7	52.59772284	38.52012875
2580	417065.47	1252597.42	52.59781096	38.51996235
2581	417071.5	1252590.73	52.59786518	38.51986366
2582	417077.89	1252580.8	52.59792265	38.51971716
2583	417084.86	1252572.01	52.59798532	38.51958749
2584	417091.82	1252563.04	52.59804791	38.51945516
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2587	417133.98	1252533.47	52.59842691	38.51901906
2588	417146.27	1252525.41	52.59853739	38.5189002
2589	417166.32	1252513.29	52.59871762	38.51872148
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2591	417198.67	1252493.3	52.59900842	38.51842669
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2593	417226.56	1252474.91	52.59925913	38.51815547
2594	417240.93	1252465.31	52.59938831	38.51801389
2595	417251.89	1252455.92	52.59948684	38.51787539
2596	417259.61	1252447.12	52.59955625	38.51774556
2597	417264.32	1252440.82	52.5995986	38.51765262
2598	417270.74	1252435.83	52.59965632	38.51757902
2599	417284.02	1252432.7	52.59977567	38.51753291
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2605	417339.03	1252394.16	52.60027018	38.51696449
2606	417346.01	1252387.08	52.60033293	38.51686004
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2612	417390.23	1252354.09	52.60073045	38.51637344
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2615	417402.48	1252340.32	52.60084059	38.51617029
2616	417405.31	1252337.26	52.60086603	38.51612515
2617	417406.61	1252333.26	52.60087773	38.51606612
2618	417407.72	1252329.07	52.60088772	38.51600429
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2625	417440.33	1252293.17	52.60118091	38.51547465
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2627	417451.66	1252282.83	52.60128277	38.51532211
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2643	417635.89	1252154.11	52.60293883	38.51342342
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2645	417641.2	1252152.55	52.60298656	38.51340043
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2667	417886.68	1252087.95	52.60519278	38.5124484
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2669	417896.71	1252082.75	52.60528293	38.5123717
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2694	418062.93	1252013.02	52.6067769	38.51134339
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2706	418310.21	1251960.19	52.60899925	38.51056492
2707	418329.34	1251951.31	52.60917119	38.51043394
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2851	419924.46	1252152.14	52.62350488	38.51340831
2852	419927.65	1252173.78	52.62353347	38.51372788
2853	419931.49	1252192.66	52.62356791	38.5140067
2854	419935.93	1252201.75	52.62360777	38.51414096
2855	419940.23	1252218.43	52.62364635	38.5143873
2856	419940.91	1252233.63	52.6236524	38.51461175
2857	419943.16	1252256.41	52.62367253	38.51494816
2858	419947.28	1252274.62	52.62370948	38.51521709
2859	419948.88	1252298.31	52.62372377	38.51556692
2860	419949.2	1252317.31	52.62372657	38.51584749
2861	419948.31	1252325.11	52.62371854	38.51596267
2862	419949.9	1252334.78	52.62373279	38.51610547
2863	419950.53	1252343.9	52.62373841	38.51624015
2864	419947.22	1252358.74	52.62370861	38.51645927
2865	419940.19	1252385.11	52.62364532	38.51684862
2866	419936.07	1252393.31	52.62360827	38.51696968
2867	419931.01	1252403.41	52.62356275	38.51711879
2868	419927.66	1252413.32	52.62353261	38.5172651
2869	419922.04	1252424.76	52.62348206	38.517434
2870	419916.43	1252436.58	52.62343159	38.5176085
2871	419911	1252447.83	52.62338275	38.51777459
2872	419905.1	1252459.22	52.62332968	38.51794274
2873	419897.95	1252469.53	52.62326538	38.51809493

2874	419890.64	1252483.26	52.62319963	38.51829763
2875	419879.01	1252504.06	52.62309503	38.51860469
2876	419866.43	1252525.05	52.62298189	38.51891455
2877	419854.39	1252541.85	52.62287362	38.51916254
2878	419841.42	1252560.56	52.62275698	38.51943873
2879	419831.09	1252578.45	52.62266407	38.51970282
2880	419819.26	1252598.1	52.62255767	38.51999289
2881	419812.33	1252611.45	52.62249534	38.52018997
2882	419804.43	1252622.15	52.6224243	38.52034791
2883	419797.28	1252632.08	52.62236	38.52049449
2884	419792.03	1252642	52.62231277	38.52064093
2885	419787.73	1252651.72	52.62227409	38.52078443
2886	419788.34	1252657.79	52.62227954	38.52087406
2887	419784.99	1252667.32	52.62224939	38.52101476
2888	419780.97	1252676.75	52.62221322	38.52115398
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2891	419743.99	1252738.2	52.62188061	38.52206107
2892	419734.45	1252759.88	52.62179478	38.52238113
2893	419724.52	1252778.95	52.62170545	38.52266264
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2895	419705.52	1252831.33	52.62153445	38.52343593
2896	419690.21	1252869.25	52.62139668	38.52399574
2897	419665.73	1252940.2	52.62117633	38.52504318
2898	419660.53	1252957.15	52.62112952	38.52529342
2899	419661.2	1252970.25	52.62113547	38.52548685
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2901	419662.11	1252991.9	52.62114353	38.52580654
2902	419657.98	1252998.2	52.62110639	38.52589953
2903	419652.72	1253006.79	52.62105907	38.52602633
2904	419648.69	1253027.15	52.62102275	38.52632693
2905	419650.16	1253047.09	52.62103585	38.52662137
2906	419651.08	1253069.79	52.621044	38.52695656
2907	419649.02	1253100.77	52.62102532	38.52741399
2908	419649.76	1253124.51	52.62103184	38.52776454
2909	419652.81	1253151.85	52.62105909	38.52816827
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2911	419653.91	1253198.87	52.62106872	38.52886257
2912	419651.9	1253210.28	52.62105059	38.52903103
2913	419646.72	1253229.89	52.62100393	38.52932054
2914	419638.92	1253255.4	52.62093369	38.52969715
2915	419637.95	1253278.97	52.62092483	38.53004517
2916	419637.97	1253308.23	52.62092484	38.53047722
2917	419635.56	1253343.21	52.62090298	38.5309937

2918	419629.13	1253400.68	52.62084486	38.53184223
2919	419629.15	1253429.18	52.62084486	38.53226306
2920	419627.89	1253465.66	52.62083332	38.5328017
2921	419626.39	1253495.5	52.62081966	38.5332423
2922	419626.69	1253536.54	52.6208221	38.53384829
2923	419627.46	1253564.47	52.62082884	38.53426071
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2926	419625.4	1253700.94	52.62080945	38.53627578
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2928	419637.92	1253830.91	52.62092109	38.53819503
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2933	419660.5	1254078.21	52.62112226	38.5418469
2934	419668.29	1254144.56	52.62119178	38.54282671
2935	419675.39	1254181.75	52.62125531	38.54337594
2936	419680.67	1254228.74	52.62130241	38.54406986
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2940	419696.11	1254314.88	52.6214405	38.545342
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2942	419707.51	1254381.39	52.62154243	38.54632423
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2944	419716.63	1254449.14	52.62162385	38.54732475
2945	419719.36	1254463.91	52.62164827	38.54754288
2946	419722.43	1254474.74	52.62167577	38.54770284
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2952	419728.66	1254559.22	52.62173107	38.54895036
2953	419727.49	1254578.89	52.6217204	38.54924079
2954	419729.12	1254598.16	52.62173489	38.54952536
2955	419732.02	1254610.87	52.62176084	38.54971308
2956	419734.38	1254626.95	52.62178192	38.54995055
2957	419736.53	1254638.54	52.62180114	38.55012172
2958	419738.34	1254656.6	52.62181726	38.55038842
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2987	419826.49	1255442.25	52.6226023	38.56199085
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2994	419856.23	1255582.02	52.62286817	38.56405524
2995	419863.16	1255608.93	52.62293018	38.56445273
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2998	419872.27	1255679.17	52.62301133	38.56549008
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3003	419893.5	1255792.84	52.62320094	38.56716896
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3015	419947.38	1256063.16	52.62368224	38.57116163
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3026	420048.02	1256403.54	52.62458281	38.57618985
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3129	421281.28	1257364.54	52.63565341	38.59040798
3130	421296.07	1257363.31	52.63578634	38.59039014
3131	421311.23	1257363.58	52.63592257	38.59039446
3132	421320.23	1257365.01	52.63600342	38.59041577
3133	421334.8	1257366.78	52.63613433	38.59044224
3134	421351.85	1257369.65	52.63628751	38.590485
3135	421362.9	1257370.13	52.6363868	38.59049234
3136	421424.76	1257374.37	52.63694264	38.59055632
3137	421450.43	1257377.18	52.63717329	38.59059839

3138	421472.16	1257380.21	52.63736852	38.59064362
3139	421512.19	1257388.53	52.63772813	38.5907674
3140	421539.02	1257395.64	52.63796914	38.59087302
3141	421560.02	1257400.73	52.63815779	38.59094867
3142	421592.91	1257412.06	52.6384532	38.59111675
3143	421615.24	1257419.38	52.63865377	38.59122537
3144	421691.41	1257435.97	52.63933803	38.59147212
3145	421714.67	1257441.79	52.63954698	38.59155861
3146	421738.29	1257445.93	52.63975918	38.59162029
3147	421763.2	1257447.62	52.63998301	38.59164581
3148	421785.31	1257450.27	52.64018166	38.59168544
3149	421807.79	1257452.92	52.64038364	38.59172509
3150	421853.6	1257457.08	52.64079525	38.59178756
3151	421872.7	1257457.88	52.64096688	38.5917998
3152	421890.85	1257456.44	52.64113	38.59177893
3153	421914.71	1257455.71	52.64134442	38.59176867
3154	421930.05	1257453.73	52.6414823	38.59173976
3155	421947.26	1257452.48	52.64163697	38.59172168
3156	421959.24	1257452.21	52.64174463	38.59171795
3157	421975.7	1257450.03	52.64189258	38.59168611
3158	422005.17	1257447.76	52.64215744	38.59165323
3159	422015.11	1257449.37	52.64224674	38.59167724
3160	422028.71	1257447.59	52.64236898	38.59165124
3161	422047.21	1257441.84	52.6425353	38.59156671
3162	422063.29	1257440.04	52.64267983	38.59154047
3163	422079.54	1257434.87	52.64282592	38.59146445
3164	422097.83	1257426.69	52.64299039	38.59134401
3165	422136.21	1257414.06	52.64333546	38.59115827
3166	422154.15	1257409.06	52.64349674	38.5910848
3167	422164.96	1257402.8	52.64359397	38.59099256
3168	422172.41	1257397.14	52.64366099	38.5909091
3169	422184.92	1257392.37	52.64377348	38.59083891
3170	422198.32	1257393.95	52.64389387	38.59086254
3171	422219.07	1257390.44	52.64408039	38.59081115
3172	422236.24	1257382.45	52.64423479	38.59069348
3173	422256.57	1257372.19	52.64441762	38.59054235
3174	422267.88	1257370.24	52.64451928	38.59051379
3175	422288.89	1257375.89	52.64470801	38.59059772
3176	422306.53	1257381.95	52.64486645	38.59068764
3177	422323.77	1257384.63	52.64502134	38.59072761
3178	422347.47	1257386.52	52.64523429	38.59075605
3179	422371.08	1257390.09	52.64544641	38.59080931
3180	422387.02	1257392.6	52.64558962	38.59084675
3181	422400.34	1257397.56	52.64570925	38.59092032

3182	422405.23	1257399.96	52.64575316	38.59095589
3183	422408.38	1257401.9	52.64578144	38.59098462
3184	422432	1257406.79	52.64599363	38.59105738
3185	422455.63	1257412.05	52.64620591	38.59113562
3186	422478.52	1257419.37	52.64641151	38.59124427
3187	422502.72	1257426.5	52.64662888	38.59135015
3188	422518.68	1257433.5	52.64677221	38.59145392
3189	422524.86	1257433.08	52.64682775	38.59144785
3190	422537.06	1257438.05	52.64693732	38.59152155
3191	422554.62	1257444.99	52.64709502	38.59162448
3192	422571.51	1257450.67	52.64724673	38.59170877
3193	422591	1257453.15	52.64742184	38.59174584
3194	422605.59	1257452.3	52.64755296	38.59173361
3195	422620.02	1257453.88	52.64768261	38.59175727
3196	422645.06	1257460.77	52.64790754	38.59185963
3197	422668.88	1257467.34	52.6481215	38.59195723
3198	422681.46	1257471.55	52.6482345	38.59201971
3199	422692.32	1257472.78	52.64833207	38.59203812
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3201	422752.24	1257487.14	52.64887034	38.59225163
3202	422821.18	1257506.87	52.64948959	38.59254468
3203	422908.86	1257527.96	52.65027722	38.59285826
3204	422989.62	1257552.28	52.65100263	38.59321942
3205	423084.21	1257578.51	52.65185229	38.59360913
3206	423122.11	1257590.22	52.65219271	38.59378302
3207	423160.55	1257598.74	52.65253803	38.59390978
3208	423222.38	1257617.95	52.65309339	38.59419504
3209	423291.13	1257637.31	52.65371093	38.59448268
3210	423330.83	1257646.01	52.65406757	38.59461214
3211	423386.6	1257655.34	52.65456861	38.59475128
3212	423415.29	1257661.69	52.65482634	38.59484577
3213	423441.18	1257670.3	52.65505888	38.59497359
3214	423505.82	1257690.43	52.65563947	38.59527254
3215	423554.47	1257706.7	52.65607643	38.59551409
3216	423588.25	1257718.06	52.65637983	38.59568274
3217	423611.17	1257728.38	52.65658565	38.59583577
3218	423666.91	1257760.88	52.6570861	38.59631734
3219	423687.01	1257770.29	52.65726659	38.59645687
3220	423699.8	1257779.56	52.65738139	38.59659415
3221	423709.44	1257791.28	52.65746786	38.59676758
3222	423714.93	1257800.42	52.65751706	38.59690278
3223	423724.16	1257807.84	52.6575999	38.59701265
3224	423750.35	1257819.21	52.65783509	38.59718128
3225	423764.29	1257830.53	52.6579602	38.5973489

3226	423777.33	1257847.85	52.65807714	38.59760516
3227	423789.76	1257858.05	52.65818869	38.59775619
3228	423802.18	1257867.33	52.65830017	38.59789363
3229	423810.86	1257877.19	52.65837803	38.59803955
3230	423832.44	1257896.64	52.65857168	38.5983275
3231	423846.96	1257911.14	52.65870195	38.59854213
3232	423864.53	1257933.48	52.65885952	38.59887269
3233	423877.97	1257953.98	52.65898	38.59917597
3234	423887.42	1257966.83	52.65906474	38.5993661
3235	423895.53	1257974.44	52.65913751	38.59947876
3236	423898.54	1257977.28	52.65916451	38.59952081
3237	423914.42	1257998.69	52.65930691	38.5998376
3238	423919.94	1258011.38	52.65935633	38.60002527
3239	423930.92	1258028.53	52.65945475	38.60027899
3240	423941.71	1258044.93	52.65955147	38.60052162
3241	423951.59	1258064.51	52.65963997	38.60081123
3242	423960.88	1258080.73	52.65972322	38.60105116
3243	423971.83	1258093.2	52.65982143	38.60123572
3244	423982.04	1258107.54	52.65991297	38.6014479
3245	423990.93	1258120.95	52.65999267	38.6016463
3246	423999.82	1258133.81	52.66007237	38.60183657
3247	424020.16	1258163.34	52.66025471	38.60227349
3248	424034.36	1258186.07	52.66038198	38.60260977
3249	424048.74	1258206.19	52.6605109	38.60290747
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3252	424075.8	1258246.62	52.66075347	38.60350566
3253	424085.44	1258259.66	52.6608399	38.60369862
3254	424095.35	1258271.52	52.66092878	38.60387415
3255	424104.07	1258286.81	52.66100691	38.60410034
3256	424107.64	1258288.28	52.66103897	38.60412215
3257	424111.81	1258294.8	52.66107635	38.60421862
3258	424116.92	1258302.25	52.66112215	38.60432885
3259	424123.52	1258309.32	52.66118136	38.6044335
3260	424133.13	1258318.43	52.66126758	38.60456838
3261	424156.21	1258338.99	52.66147467	38.60487282
3262	424164.28	1258341.18	52.66154716	38.60490539
3263	424177.42	1258346.52	52.66166516	38.60498464
3264	424187.8	1258357.49	52.66175827	38.60514703
3265	424199.68	1258370.32	52.66186483	38.60533695
3266	424211.37	1258381.47	52.66196971	38.60550203
3267	424214.42	1258389.31	52.661997	38.60561798
3268	424213.53	1258395.31	52.66198891	38.60570664
3269	424206.83	1258400.6	52.66192862	38.60578465

3270	424198.42	1258402.34	52.66185302	38.60581016
3271	424188.46	1258398.11	52.66176358	38.60574739
3272	424179.81	1258392.18	52.66168594	38.60565953
3273	424173.21	1258385.67	52.66162673	38.60556315
3274	424169.42	1258379.9	52.66159276	38.60547778
3275	424165.09	1258376.18	52.66155391	38.60542269
3276	424151.69	1258373.66	52.66143353	38.60538511
3277	424136.16	1258374.89	52.66129395	38.6054029
3278	424127.04	1258381.89	52.66121189	38.60550613
3279	424123.76	1258394.83	52.66118222	38.60569729
3280	424118.43	1258408.91	52.66113411	38.60590525
3281	424114.56	1258416.8	52.66109921	38.60602177
3282	424113.12	1258424.86	52.66108615	38.60614085
3283	424115.08	1258437.76	52.66110356	38.60633155
3284	424121.06	1258449.09	52.66115713	38.60649916
3285	424129.9	1258455.58	52.66123647	38.6065953
3286	424143.39	1258456.79	52.66135767	38.60661352
3287	424158.74	1258455.75	52.66149563	38.60659854
3288	424173.36	1258459.01	52.66162696	38.60664709
3289	424190.43	1258462.82	52.6617803	38.60670383
3290	424202.82	1258467.98	52.66189156	38.6067804
3291	424208.84	1258472.61	52.66194559	38.60684899
3292	424211.88	1258478.07	52.66197282	38.60692976
3293	424219.04	1258498.33	52.66203685	38.60722938
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3295	424239.94	1258540.3	52.66222402	38.60785021
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3298	424272.97	1258571.37	52.66252035	38.60831026
3299	424295.71	1258596.53	52.66272431	38.60868271
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3304	424373.96	1258699.87	52.66342587	38.61021209
3305	424383.82	1258724.28	52.66351409	38.61057313
3306	424399.23	1258758.99	52.66365201	38.61108656
3307	424409.6	1258794.67	52.66374463	38.61161419
3308	424415.03	1258821.22	52.663793	38.61200675
3309	424415.74	1258842.37	52.66379905	38.61231937
3310	424416.22	1258857.34	52.66380312	38.61254064
3311	424418.97	1258900.85	52.66382713	38.6131838
3312	424422.23	1258937.33	52.66385583	38.61372307
3313	424426.28	1258980.17	52.66389153	38.61435637

3314	424433.03	1259033.76	52.66395131	38.61514863
3315	424442.11	1259098.85	52.66403184	38.61611093
3316	424456.69	1259180.65	52.6641615	38.61732036
3317	424467.59	1259238.98	52.66425848	38.6181828
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3319	424486.05	1259345.42	52.66442257	38.61975654
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3324	424813.17	1259725.03	52.66735559	38.62537687
3325	424820.33	1259942.51	52.66741604	38.62859175
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3327	424833.42	1260262.84	52.66752779	38.6333271
3328	424836.27	1260393.59	52.66755094	38.63525987
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3330	424796.08	1260746.56	52.66718299	38.64047601
3331	424776.36	1260819.46	52.66700435	38.64155293
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3336	424650.2	1261144.47	52.66586414	38.6463528
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3343	424253.16	1261872.46	52.66228095	38.65709904
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3346	424314.96	1262077.03	52.66283184	38.66012477
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3363	427609.22	1264628.75	52.69237274	38.69798376
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3366	428047.86	1265023.38	52.69630376	38.70384011
3367	428104.49	1265107.18	52.69681034	38.70508218
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3371	428292.24	1265362.1	52.6984904	38.70886148
3372	428338.17	1265391.46	52.69890231	38.7092979
3373	428371.23	1265414.45	52.69919874	38.7096395
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3415	430214.26	1268008.19	52.71568119	38.74810651
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3417	430191.58	1268219.05	52.71547038	38.7512255
3418	430148.74	1268384.9	52.71507985	38.7536773
3419	430142.07	1268404.4	52.71501925	38.75396548
3420	430058.78	1268543.77	52.71426608	38.75602314
3421	430052.79	1268561.6	52.71421164	38.75628663
3422	429990.96	1268672.41	52.71365225	38.75792282
3423	429886.53	1268802.38	52.71270936	38.75984006
3424	429866.38	1268834.55	52.71252718	38.76031492
3425	429757.98	1268934.29	52.71154962	38.76178454
3426	429584.96	1269068	52.70999018	38.76375299
3427	429307.3	1269264.75	52.70748817	38.7666479
3428	429257.92	1269288.07	52.70704361	38.76699004
3429	429206.53	1269337.85	52.70658005	38.76772352
3430	428933.94	1269499.8	52.70412474	38.77010346
3431	428777.67	1269584.35	52.70271744	38.77134503
3432	428630.98	1269643.73	52.70139713	38.77221476
3433	428598.09	1269643.81	52.70110157	38.772214
3434	428425.92	1269741.96	52.69955088	38.77365564
3435	428318.88	1269764.85	52.69858817	38.77398785
3436	427957.5	1269888.51	52.69533625	38.77579533
3437	427591.18	1270025.81	52.69203941	38.77780397
3438	427433.6	1270093.05	52.6906209	38.77878888
3439	427301.88	1270166.81	52.68943452	38.77987171
3440	427140.11	1270252.75	52.68797764	38.78113278
3441	426950.62	1270355.93	52.68627101	38.782647
3442	426836.89	1270426.8	52.68524636	38.783688
3443	426817.86	1270459.76	52.68507412	38.78417421
3444	426741.63	1270552.3	52.68438563	38.7855379

3445	426726	1270576.62	52.68424426	38.78589655
3446	426703.28	1270625.41	52.68403825	38.7866166
3447	426702.25	1270648.34	52.68402813	38.7869556
3448	426710.34	1270721.72	52.68409804	38.78804117
3449	426762.34	1270918.05	52.68455783	38.79094757
3450	426945.92	1271450.67	52.68618683	38.79883535
3451	426986.75	1271526.92	52.68655074	38.79996556
3452	427110.12	1271767.79	52.6876498	38.80353558
3453	427350.52	1272127.16	52.68979561	38.80886604
3454	427469.3	1272254.98	52.69085778	38.81076433
3455	427571.81	1272432.26	52.69177169	38.8133931
3456	427846.69	1272756.77	52.69422835	38.81821132
3457	427994.58	1272902.58	52.69555121	38.82037812
3458	428315.21	1273194.58	52.69842008	38.82471949
3459	428456.33	1273385.99	52.69968002	38.82756074
3460	428809.49	1273755.87	52.70283756	38.8330574
3461	429023.8	1274010.49	52.70475221	38.8368396
3462	429169.26	1274207.38	52.70605062	38.839763
3463	429379.45	1274444.67	52.70792881	38.84328907
3464	429455.52	1274517.79	52.7086091	38.84437651
3465	429509.62	1274541.82	52.70909416	38.84473605
3466	429558.96	1274587.78	52.70953546	38.84541971
3467	429588.09	1274640.99	52.70979482	38.84620915
3468	429600.89	1274714.06	52.70990653	38.84729121
3469	429693.7	1274836.04	52.71073498	38.84910295
3470	429717.31	1274872.94	52.71094546	38.84965069
3471	429762.27	1274995.98	52.71134384	38.85147458
3472	429770.4	1275034.48	52.71141513	38.85204484
3473	429875.68	1275185.85	52.7123542	38.85429254
3474	429972.5	1275301.1	52.71321889	38.85600524
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3476	430059.08	1275381.05	52.71399318	38.85719488
3477	430113.57	1275483.75	52.71447804	38.85871872
3478	430152.4	1275631.27	52.71482004	38.8609046
3479	430165.84	1275772.47	52.71493415	38.86299502
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3481	430176.12	1275928.51	52.71501911	38.86530479
3482	430180.06	1275950.09	52.71505349	38.86562442
3483	430205.3	1276086.41	52.71527378	38.86764358
3484	430207.46	1276160.01	52.71528966	38.86873284
3485	430209.88	1276193.93	52.71530978	38.86923495
3486	430204.2	1276250.89	52.71525599	38.87007736
3487	430198.76	1276288.71	52.71520528	38.87063656
3488	430189.45	1276340.76	52.71511911	38.87140602

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3491	430130.08	1276597.21	52.71457313	38.87519601
3492	430112.33	1276664.07	52.71441036	38.87618392
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3495	429967.58	1277055.46	52.71309031	38.88196348
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3499	429710.97	1277575.75	52.71075829	38.88964059
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3501	429498.38	1278025.76	52.70882496	38.89628082
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3504	429288.24	1278342.17	52.70692025	38.90094412
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3507	429081.74	1278555.89	52.70505347	38.90408816
3508	428988.62	1278543.07	52.70421736	38.90389046
3509	428951.53	1278532.45	52.70388462	38.90373016
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3512	428868.58	1278505.04	52.70314067	38.90331752
3513	428846.65	1278491.93	52.70294429	38.90312169
3514	428846.6	1278489.27	52.70294398	38.90308233
3515	428851.17	1278485.27	52.70298526	38.90302356
3516	428869.66	1278472.91	52.70315205	38.9028423
3517	428891.93	1278456.72	52.70335302	38.90260472
3518	428915.14	1278439.57	52.70356248	38.90235301
3519	428932.81	1278423.72	52.70372209	38.90212006
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3522	428988.6	1278366.81	52.70422639	38.90128295
3523	429001.84	1278353.89	52.70434604	38.90109295
3524	429012.55	1278342.38	52.70444288	38.9009236
3525	429022	1278331.52	52.70452836	38.90076375
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3542	429175.65	1278172.5	52.70591732	38.89842435
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3545	429213.75	1278128.13	52.70626199	38.89777118
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3547	429233.24	1278101.08	52.70643852	38.89737265
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3628	429834.67	1276849.54	52.71190617	38.87890577
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3685	430008.53	1276123.61	52.71350381	38.86817849
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3693	429990.37	1276026.19	52.71334529	38.86673556
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3702	429972.56	1275911.26	52.71319073	38.86503358
3703	429971.83	1275898.72	52.71318477	38.86484797
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3705	429970.31	1275863.57	52.71317278	38.86432775
3706	429970.4	1275853.25	52.71317408	38.86417506
3707	429969.51	1275840.56	52.71316669	38.86398722
3708	429968.01	1275830.88	52.71315367	38.86384387

3709	429966.67	1275821.37	52.71314208	38.86370305
3710	429966.6	1275810.73	52.71314195	38.86354561
3711	429966.84	1275800.09	52.71314461	38.86338819
3712	429965.33	1275788.35	52.7131316	38.86321436
3713	429963.83	1275779.63	52.71311853	38.86308521
3714	429963.28	1275768.6	52.71311411	38.86292196
3715	429961.91	1275754.17	52.71310248	38.86270834
3716	429960.37	1275739.41	52.71308934	38.86248982
3717	429958.84	1275724.82	52.71307629	38.86227382
3718	429958.41	1275709.58	52.71307314	38.86204829
3719	429956.08	1275694.99	52.71305289	38.86183222
3720	429955.19	1275680.71	52.71304557	38.86162086
3721	429954.81	1275672.14	52.71304256	38.86149402
3722	429952.94	1275655.01	52.71302656	38.86124041
3723	429948.99	1275635.27	52.712992	38.86094802
3724	429944.24	1275615.15	52.71295026	38.86064994
3725	429939.52	1275599.78	52.71290857	38.86042215
3726	429934.47	1275581.72	52.71286404	38.86015454
3727	429929.11	1275564.61	52.71281668	38.85990095
3728	429924.43	1275553.69	52.71277513	38.85973901
3729	429919.47	1275548.81	52.71273079	38.85966642
3730	429915.15	1275544.23	52.71269219	38.85959832
3731	429914.47	1275537.41	52.7126864	38.85949736
3732	429910.9	1275527.04	52.7126548	38.85934364
3733	429903.81	1275512.8	52.71259176	38.85913239
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3735	429889.85	1275491.47	52.71246731	38.85881571
3736	429883.6	1275483.1	52.71241154	38.85869138
3737	429878	1275477.74	52.71236147	38.85861164
3738	429871.64	1275475.57	52.71230442	38.85857904
3739	429869.9	1275477.01	52.71228872	38.85860022
3740	429871.84	1275481.91	52.71230592	38.85867287
3741	429872.03	1275485.72	52.71230745	38.85872926
3742	429869.33	1275486.38	52.71228316	38.85873881
3743	429864.04	1275478.64	52.71223598	38.85862388
3744	429858.91	1275471.85	52.7121902	38.85852302
3745	429855.08	1275468.7	52.71215593	38.85847612
3746	429851.74	1275467.93	52.71212595	38.85846447
3747	429848.87	1275467	52.71210021	38.85845048
3748	429847.26	1275463.2	52.71208592	38.85839413
3749	429843.43	1275460.05	52.71205165	38.85834723
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3751	429830.99	1275453	52.71194019	38.85824196
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3754	429820.22	1275433.55	52.71184432	38.85795334
3755	429812.21	1275424.24	52.71177278	38.85781498
3756	429804.06	1275416.36	52.71169991	38.85769775
3757	429797.98	1275410.53	52.71164554	38.85761103
3758	429789.97	1275400.27	52.71157405	38.8574586
3759	429778.62	1275388.76	52.71147259	38.85728743
3760	429769.81	1275378.19	52.71139392	38.85713036
3761	429761.16	1275367.45	52.71131669	38.85697078
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3763	429747.56	1275352.94	52.71119515	38.85675505
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3779	429641.85	1275200.74	52.7102523	38.85449504
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3782	429629.32	1275179.56	52.71014068	38.85418072
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3787	429601.78	1275146.97	52.70989471	38.85369643
3788	429597.43	1275138.75	52.709856	38.85357448
3789	429594.72	1275136.55	52.70983175	38.85354173
3790	429589.43	1275129.44	52.70978454	38.85343613
3791	429584.27	1275119.48	52.70973863	38.85328837
3792	429578.77	1275105.23	52.70968987	38.85307712
3793	429574.65	1275083.99	52.70965382	38.85276255
3794	429571.2	1275067.5	52.70962358	38.85251831
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3799	429554.25	1275006.06	52.70947409	38.851608
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3801	429548.24	1274986.66	52.70942098	38.85132051
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3803	429537.43	1274963.72	52.70932489	38.85098029
3804	429531.83	1274956.77	52.70927489	38.85087704
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3807	429513.4	1274932.77	52.70911037	38.85052056
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3810	429494.98	1274909.57	52.70894591	38.85017592
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3812	429484.09	1274897.11	52.70884862	38.84999075
3813	429479.69	1274891.94	52.70880932	38.84991393
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3815	429471.2	1274881.92	52.70873348	38.84976504
3816	429466.39	1274875.68	52.70869055	38.84967236
3817	429461.66	1274868.25	52.70864838	38.84956208
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3871	429238.59	1274589.57	52.70665651	38.84542238
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3994	428184.23	1273352.66	52.69723633	38.82704852
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3996	428139.72	1273300.28	52.6968386	38.82627062
3997	428117.97	1273277.25	52.69664413	38.82592845
3998	428103.27	1273264.02	52.6965126	38.82573173
3999	428083.44	1273244.16	52.69633526	38.82543659
4000	428071.6	1273231.31	52.69622941	38.82524569
4001	428042.85	1273206.75	52.6959721	38.82488041
4002	428025.92	1273192.58	52.69582057	38.82466964
4003	428008.03	1273177.47	52.69566045	38.8244449
4004	427985.67	1273159.22	52.6954603	38.8241734
4005	427966.83	1273144.75	52.69529161	38.82395806
4006	427946.07	1273126.8	52.69510582	38.82369112
4007	427930.41	1273113.57	52.69496566	38.82349435
4008	427903.59	1273091.86	52.69472557	38.82317138
4009	427882.82	1273073.27	52.69453972	38.82289497
4010	427861.73	1273054.69	52.69435099	38.8226187
4011	427834.57	1273031.07	52.69410792	38.82226746
4012	427821.44	1273016.09	52.69399057	38.82204499
4013	427800.32	1272993.06	52.69380175	38.82170291
4014	427784.01	1272976.98	52.69365586	38.82146395
4015	427763.57	1272959.35	52.69347293	38.82120178
4016	427746.96	1272945.5	52.69332425	38.82099579

4017	427726.5	1272925.96	52.69314122	38.82070538
4018	427705.69	1272903.25	52.69295517	38.82036806
4019	427690.32	1272884.31	52.69281785	38.82008687
4020	427669.17	1272857.87	52.6926289	38.81969437
4021	427632.39	1272820.67	52.69229995	38.81914166
4022	427608.07	1272793.85	52.69208253	38.81874333
4023	427572.22	1272753.47	52.69176206	38.81814366
4024	427559.08	1272737.37	52.69164466	38.81790465
4025	427536.95	1272705.62	52.69144712	38.81743356
4026	427510.35	1272671.2	52.69120952	38.81692269
4027	427487.29	1272643.43	52.69100345	38.81651042
4028	427462.01	1272616.3	52.69077741	38.81610746
4029	427433.53	1272585.71	52.69052275	38.81565312
4030	427420.38	1272567.47	52.69040534	38.81538247
4031	427407.87	1272549.78	52.69029365	38.81512
4032	427392.48	1272528.93	52.69015622	38.8148106
4033	427377.08	1272505.55	52.6900188	38.81446379
4034	427361.65	1272479.3	52.68988122	38.81407454
4035	427348.15	1272457.17	52.68976082	38.81374634
4036	427334.61	1272427.74	52.68964036	38.81331019
4037	427321.43	1272406.25	52.68952281	38.81299149
4038	427309.2	1272382.52	52.68941388	38.81263973
4039	427300.18	1272364.81	52.68933355	38.81237721
4040	427294.72	1272356.27	52.68928484	38.81225055
4041	427288.31	1272348.14	52.68922757	38.81212988
4042	427275.52	1272335.85	52.68911314	38.81194727
4043	427258.24	1272316.61	52.68895865	38.81166157
4044	427244.18	1272304.64	52.68883279	38.81148361
4045	427232.68	1272294.57	52.68872986	38.81133391
4046	427221.81	1272283.21	52.68863265	38.81116518
4047	427210.62	1272272.82	52.68853252	38.81101078
4048	427198.46	1272260.52	52.68842375	38.81082807
4049	427189.82	1272250.1	52.68834653	38.81067339
4050	427179.88	1272236.36	52.68825777	38.81046953
4051	427162.9	1272215.21	52.68810605	38.81015562
4052	427149.43	1272196.89	52.68798575	38.8098838
4053	427133.4	1272175.42	52.68784258	38.80956522
4054	427123.45	1272160.57	52.68775377	38.80934495
4055	427110.33	1272145.74	52.68763647	38.80912477
4056	427099.73	1272129.62	52.68754187	38.80888567
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4059	427066.34	1272078.27	52.68724391	38.80812408
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4061	427041.3	1272039.39	52.68702046	38.80754746
4062	427028.16	1272022.66	52.68690306	38.80729919
4063	427014.66	1272000.21	52.68678265	38.80696663
4064	427004.39	1271985.04	52.68669098	38.80674129
4065	426992.19	1271965.45	52.68658214	38.80645079
4066	426976.78	1271942.38	52.68644459	38.80610861
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4068	426951.39	1271900.02	52.68621813	38.80548053
4069	426939.19	1271880.42	52.68610929	38.80518989
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4071	426920.77	1271836.1	52.68594554	38.80453329
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4073	426888.68	1271766.16	52.68565997	38.80349694
4074	426879.01	1271745.75	52.68557389	38.80319449
4075	426872.21	1271728.33	52.68551347	38.80293645
4076	426865.92	1271713.46	52.68545754	38.80271615
4077	426859.78	1271699.37	52.68540293	38.80250739
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4079	426847.39	1271676.12	52.68529251	38.80216278
4080	426841.45	1271667.12	52.68523949	38.8020293
4081	426829.46	1271655.42	52.68513221	38.80185551
4082	426819.51	1271639.61	52.68504343	38.80162107
4083	426808.59	1271623.18	52.68494595	38.8013774
4084	426800.25	1271611.17	52.68487148	38.80119926
4085	426791.58	1271597.9	52.6847941	38.80100247
4086	426782.23	1271578.28	52.68471085	38.80071174
4087	426774.17	1271561.2	52.6846391	38.80045865
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4093	426732.51	1271463.15	52.6842686	38.79900608
4094	426726.37	1271447.31	52.68421405	38.79877146
4095	426719.56	1271427.68	52.68415363	38.79848075
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4118	426617.94	1271115.62	52.68325262	38.79385986
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4165	426516.74	1270552.09	52.68236473	38.78552086
4166	426524.22	1270533.39	52.68243265	38.78524482
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4182	426663.39	1270326.56	52.683691	38.78219508
4183	426666.99	1270318.48	52.68372365	38.78207582
4184	426673.43	1270309.07	52.68378188	38.78193707
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4281	428142.24	1269614.87	52.69700627	38.77175892
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4283	428183.42	1269600.6	52.69737683	38.77155028
4284	428202.74	1269594.43	52.69755066	38.77146016
4285	428230.61	1269584.71	52.69780146	38.77131803
4286	428258.81	1269575.93	52.69805518	38.77118983
4287	428266.4	1269571.75	52.69812354	38.77112845
4288	428275.53	1269561.52	52.69820595	38.77097767
4289	428280.83	1269547.83	52.69825407	38.77077548
4290	428287.11	1269537.63	52.69831086	38.77062497
4291	428298.51	1269533.42	52.69841346	38.77056337
4292	428302.32	1269533.71	52.69844768	38.77056789
4293	428304.59	1269540.36	52.69846784	38.77066639
4294	428305.93	1269550.83	52.69847951	38.77082134
4295	428305.03	1269557.18	52.6984712	38.77091521
4296	428306.95	1269560.35	52.69848834	38.77096221
4297	428313.95	1269561.25	52.69855121	38.77097594
4298	428325.06	1269560.85	52.69865106	38.77097068
4299	428340.6	1269558.2	52.6987908	38.7709324
4300	428363.11	1269553.91	52.69899323	38.77087027
4301	428378	1269549.04	52.69912721	38.77079911
4302	428382.06	1269539.8	52.69916402	38.77066267
4303	428377.27	1269536.98	52.69912108	38.77062067
4304	428364.9	1269538.34	52.69900987	38.77064006
4305	428353.19	1269543.19	52.69890447	38.77071111
4306	428338.3	1269547.74	52.6987705	38.77077754
4307	428321.51	1269553.26	52.69861943	38.7708582
4308	428313.56	1269551.73	52.69854804	38.7708351
4309	428309.04	1269540.65	52.69850782	38.77067094
4310	428309.26	1269527.31	52.69851028	38.77047363
4311	428326.35	1269519.88	52.69866412	38.77036473
4312	428356.4	1269504.74	52.69893469	38.77014255
4313	428373.34	1269497.72	52.69908717	38.77003971
4314	428383.01	1269495.74	52.69917414	38.77001099
4315	428396.02	1269494.06	52.69929111	38.7699869
4316	428406.97	1269494.62	52.69938948	38.76999583
4317	428419.07	1269498.34	52.69949808	38.77005157
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4334	428512.34	1269421.63	52.70033896	38.76892233
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4571	429982.68	1267857.45	52.71360512	38.74586342
4572	429988.83	1267851.21	52.71366059	38.74577142
4573	429993.56	1267846.41	52.71370326	38.74570065
4574	429997.32	1267839.72	52.71373726	38.74560186
4575	429997.92	1267834.16	52.71374284	38.74551962
4576	429997.7	1267826.86	52.7137411	38.74541159
4577	429996.53	1267818.61	52.71373085	38.74528945
4578	429993.62	1267810.69	52.71370496	38.74517211
4579	429991.32	1267799.6	52.71368466	38.74500788
4580	429988.7	1267788.78	52.71366146	38.74484764
4581	429986.74	1267781.18	52.7136441	38.74473508
4582	429984.93	1267772.3	52.71362812	38.74460358
4583	429983.43	1267761.99	52.71361498	38.74445095
4584	429981.76	1267751.52	52.71360031	38.74429593
4585	429979.81	1267744.87	52.71358301	38.74419743
4586	429976.89	1267735.37	52.71355708	38.7440567
4587	429975.24	1267726.65	52.71354253	38.74392758
4588	429973.26	1267716.5	52.71352507	38.74377729

4589	429969.85	1267706.21	52.71349476	38.74362484
4590	429967.71	1267694.95	52.7134759	38.74345812
4591	429964.91	1267681.99	52.71345115	38.7432662
4592	429962.32	1267674.07	52.71342814	38.74314887
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4594	429957.57	1267653.47	52.71338612	38.7428438
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4596	429950.29	1267634.79	52.7133213	38.74256701
4597	429948.63	1267624.96	52.7133067	38.74242146
4598	429946.01	1267614.34	52.7132835	38.74226418
4599	429941.35	1267605.96	52.7132419	38.74213994
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4604	429929.28	1267583.5	52.71313416	38.74180696
4605	429925.12	1267579.25	52.71309691	38.74174385
4606	429920.17	1267574.36	52.71305259	38.74167123
4607	429917.59	1267569.77	52.71302955	38.74160318
4608	429912.64	1267564.73	52.71298523	38.74152834
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4610	429914.97	1267557.57	52.7130064	38.74142252
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4612	429923.32	1267549.89	52.71308168	38.74130932
4613	429925.68	1267546.62	52.713103	38.74126106
4614	429923.9	1267542.03	52.71308715	38.74119305
4615	429920.68	1267535.86	52.71305841	38.74110158
4616	429914.13	1267528.92	52.71299977	38.74099855
4617	429905.81	1267520.72	52.71292527	38.74087677
4618	429895.59	1267512.38	52.7128337	38.74075283
4619	429886.65	1267505.3	52.71275359	38.7406476
4620	429880.9	1267501.1	52.71270206	38.74058515
4621	429872.11	1267491.8	52.71262337	38.74044707
4622	429864.9	1267483.43	52.71255884	38.74032285
4623	429855.62	1267472.7	52.7124758	38.74016359
4624	429851.61	1267467.81	52.71243992	38.74009102
4625	429848.41	1267464.5	52.71241127	38.74004188
4626	429845.36	1267459.44	52.71238402	38.73996685
4627	429838.96	1267452.66	52.71232673	38.73986619
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4630	429826.01	1267439.1	52.71221079	38.73966487
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4632	429818.66	1267433.28	52.71214493	38.73957836

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4668	429495.34	1267043.88	52.70925181	38.73379999
4669	429483.23	1267037.3	52.7091432	38.73370201
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4717	428919.8	1266372.51	52.70410044	38.72383831
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4719	428904.08	1266348.97	52.70395988	38.72348929
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4843	427938.16	1265223.89	52.69531242	38.70680086
4844	427932.55	1265216.63	52.69526221	38.70669322
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4847	427917.88	1265185.14	52.69513126	38.70622679
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4850	427875.45	1265135.52	52.69475135	38.70549093
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4856	427681.05	1264946.33	52.69300963	38.70268395
4857	427663.14	1264928.04	52.69284919	38.70241263
4858	427651.97	1264920.18	52.69274903	38.70229588
4859	427610.59	1264883.85	52.69237817	38.70175671
4860	427581.22	1264861.68	52.69211484	38.7014275
4861	427566.36	1264848.49	52.69198167	38.70123176
4862	427553.43	1264838.89	52.69186573	38.7010892
4863	427532.04	1264822.38	52.69167397	38.70084407
4864	427519.6	1264814.21	52.6915624	38.70072269
4865	427500.12	1264798.84	52.69138776	38.7004945
4866	427476.04	1264783.29	52.6911718	38.70026346
4867	427453.86	1264767.73	52.6909729	38.70003235
4868	427440.77	1264757.51	52.69085555	38.69988062
4869	427435.35	1264754.41	52.69080692	38.69983453
4870	427428.33	1264750.02	52.69074396	38.69976929
4871	427425.45	1264745.75	52.69071819	38.69970602
4872	427419.08	1264743.42	52.69066102	38.69967127
4873	427404.71	1264732.41	52.69053218	38.69950781
4874	427381.11	1264718.29	52.69032048	38.69929794
4875	427355.6	1264701.96	52.69009168	38.6990553
4876	427316.23	1264679.78	52.68973849	38.69872554
4877	427283.39	1264660.65	52.6894439	38.69844118
4878	427241.27	1264632.06	52.68906616	38.69801651
4879	427206.47	1264605.64	52.68875415	38.69762427
4880	427168.17	1264577.34	52.68841073	38.69720407
4881	427140.7	1264555.35	52.68816446	38.69687767
4882	427128.24	1264544.01	52.6880528	38.69670942
4883	427112.1	1264529.83	52.68790813	38.69649902
4884	427093.25	1264513.3	52.68773918	38.69625374
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4886	426984.66	1264424.62	52.68676571	38.69493761
4887	426958.94	1264402.42	52.68653517	38.6946082
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4889	426901.28	1264352.39	52.68601834	38.69386587
4890	426877.61	1264329.22	52.68580624	38.69352222
4891	426829.67	1264284.84	52.6853766	38.69286389
4892	426806.95	1264260.71	52.68517306	38.69250609
4893	426765.43	1264225.65	52.68480087	38.69198587
4894	426747.2	1264207.52	52.68463752	38.691717
4895	426737.13	1264198.55	52.68454726	38.69158393
4896	426720.05	1264184.7	52.68439413	38.69137839

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4899	426664.3	1264137.04	52.68389438	38.69067127
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4908	426532.56	1264029.63	52.6827133	38.68907744
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4911	426498.87	1264002.89	52.68241123	38.68868063
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4915	426440.54	1263950	52.68188842	38.68789613
4916	426432.22	1263940.38	52.6818139	38.68775353
4917	426423.26	1263931.28	52.68173361	38.6876186
4918	426411.43	1263918.98	52.68162762	38.68743624
4919	426403.43	1263911.26	52.68155592	38.68732175
4920	426383.29	1263891.12	52.68137545	38.68702312
4921	426375.28	1263882.13	52.6813037	38.68688986
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4934	426236.67	1263769.06	52.68006097	38.68521226
4935	426225.67	1263761.99	52.6799623	38.68510727
4936	426218.01	1263756.18	52.67989361	38.68502104
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4938	426188.32	1263734	52.67962736	38.68469187
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4940	426160.22	1263711.54	52.67937541	38.68435863

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4944	426116.36	1263684.08	52.67898196	38.68395082
4945	426100.08	1263671.22	52.67883599	38.68376001
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4956	425955.76	1263559.42	52.67754187	38.68210114
4957	425943.38	1263548.59	52.67743089	38.68194051
4958	425924.7	1263533.64	52.67726339	38.68171872
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4997	425190.66	1262940.81	52.67068143	38.67292535
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5145	424346.91	1261317.81	52.66313514	38.64890465
5146	424355.12	1261311.88	52.66320904	38.64881728
5147	424362.53	1261304.21	52.66327578	38.64870417
5148	424371.99	1261295.73	52.66336097	38.64857915
5149	424383.03	1261285.8	52.66346038	38.64843276
5150	424390.59	1261277.5	52.66352849	38.64831034
5151	424399.1	1261268.07	52.66360515	38.64817125
5152	424405.86	1261258.65	52.6636661	38.64803225
5153	424412.18	1261254.16	52.66372298	38.6479661
5154	424420.07	1261247.91	52.66379401	38.64787399
5155	424425.1	1261241.21	52.66383935	38.64777513
5156	424427.95	1261239.76	52.66386499	38.64775379
5157	424431.25	1261235.13	52.66389474	38.64768547
5158	424433.9	1261229.08	52.66391868	38.64759614
5159	424433.87	1261223.84	52.66391851	38.64751869
5160	424429.87	1261219.9	52.66388265	38.64746032

5161	424427.74	1261210.55	52.6638637	38.64732205
5162	424427.77	1261204.36	52.6638641	38.64723057
5163	424428.31	1261191.34	52.66386921	38.64703815
5164	424428.24	1261180.86	52.6638688	38.64688325
5165	424431.96	1261167.82	52.66390249	38.64669064
5166	424438.55	1261157.61	52.66396192	38.64653995
5167	424444.5	1261145.5	52.66401563	38.64636116
5168	424448.84	1261132.14	52.66405491	38.64616384
5169	424451.28	1261117.83	52.66407712	38.64595241
5170	424455.32	1261104.78	52.66411369	38.64575966
5171	424456.17	1261090.81	52.66412161	38.64555321
5172	424461.14	1261076.17	52.66416657	38.64533699
5173	424471.49	1261057.99	52.66425994	38.64506863
5174	424476.44	1261039.23	52.6643048	38.64479151
5175	424481.99	1261016.33	52.66435514	38.64445322
5176	424490.42	1260997.21	52.66443128	38.6441709
5177	424496.03	1260982.89	52.66448197	38.64395943
5178	424504.1	1260956.16	52.66455503	38.64356461
5179	424508.86	1260943.5	52.66459806	38.64337764
5180	424518.81	1260921.34	52.66468791	38.64305043
5181	424526.01	1260906.69	52.6647529	38.64283413
5182	424536.71	1260885.08	52.66484948	38.64251507
5183	424540.59	1260877	52.66488451	38.64239577
5184	424547.81	1260865.91	52.66494961	38.64223209
5185	424552.62	1260858.38	52.66499299	38.64212095
5186	424555.01	1260852.37	52.66501458	38.64203219
5187	424557.4	1260846.55	52.66503617	38.64194625
5188	424560.16	1260839.05	52.66506112	38.64183548
5189	424562.72	1260830.6	52.6650843	38.64171067
5190	424565.09	1260821.97	52.66510576	38.64158319
5191	424566.35	1260814.66	52.66511723	38.64147518
5192	424569.64	1260803.97	52.66514701	38.64131728
5193	424571.22	1260795.21	52.66516138	38.64118786
5194	424573.57	1260784.52	52.6651827	38.64102993
5195	424578.19	1260776.06	52.66522439	38.64090503
5196	424582.62	1260766.85	52.66526438	38.64076904
5197	424585.93	1260758.41	52.66529429	38.6406444
5198	424588.86	1260749.59	52.66532079	38.64051413
5199	424591.62	1260742.08	52.66534574	38.64040321
5200	424594.2	1260737.19	52.66536902	38.64033102
5201	424596.03	1260731.19	52.66538558	38.64024239
5202	424596	1260726.51	52.6653854	38.64017322
5203	424595.77	1260720.89	52.66538344	38.64009014
5204	424595.91	1260715.09	52.66538482	38.64000442

5205	424597.75	1260710.21	52.66540145	38.63993235
5206	424599.41	1260705.89	52.66541645	38.63986855
5207	424601.61	1260699.32	52.66543635	38.63977151
5208	424603.61	1260691.45	52.66545447	38.63965525
5209	424604.13	1260685.64	52.66545926	38.63956939
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5211	424606.28	1260672.24	52.66547884	38.63937139
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5213	424608.6	1260657.06	52.66549998	38.63914709
5214	424610.08	1260654.42	52.66551333	38.63910812
5215	424609.49	1260650.87	52.6655081	38.63905563
5216	424610.41	1260648.62	52.66551641	38.6390224
5217	424611.7	1260645.05	52.66552807	38.63896968
5218	424612.77	1260637.37	52.66553784	38.63885619
5219	424612.72	1260630.82	52.66553751	38.63875938
5220	424612.7	1260628.2	52.66553738	38.63872065
5221	424611.57	1260626.71	52.66552726	38.63869859
5222	424610.06	1260625.03	52.66551372	38.63867371
5223	424609.66	1260621.85	52.66551019	38.6386267
5224	424611.12	1260616.97	52.6655234	38.63855461
5225	424612.56	1260608.73	52.6655365	38.63843286
5226	424613.81	1260600.67	52.66554789	38.63831377
5227	424616.53	1260587.54	52.66557259	38.63811978
5228	424618.18	1260582.48	52.66558751	38.63804504
5229	424620.91	1260571.97	52.66561225	38.63788978
5230	424622.16	1260564.1	52.66562363	38.6377735
5231	424624.17	1260556.6	52.66564184	38.6376627
5232	424625.79	1260547.6	52.66565657	38.63752973
5233	424627.04	1260538.79	52.66566797	38.63739955
5234	424627.71	1260528.49	52.66567419	38.63724733
5235	424627.66	1260520.63	52.66567389	38.63713115
5236	424628.71	1260511.64	52.6656835	38.6369983
5237	424629.96	1260502.27	52.66569491	38.63685984
5238	424631.13	1260496.36	52.66570554	38.63677252
5239	424632.18	1260485.49	52.66571518	38.63661189
5240	424633.03	1260474.07	52.66572304	38.63644312
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5242	424634.2	1260454.59	52.66573392	38.63615522
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5244	424635.51	1260427.81	52.6657462	38.63575943
5245	424635.41	1260413.58	52.66574557	38.63554909
5246	424635.64	1260393.36	52.66574802	38.63525023
5247	424635.14	1260376.14	52.66574385	38.63499569
5248	424635.03	1260361.17	52.66574315	38.63477442

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5250	424632.91	1260326.08	52.66572476	38.63425569
5251	424632.62	1260312.6	52.6657224	38.63405643
5252	424632.69	1260295.94	52.66572335	38.63381019
5253	424632.59	1260281.52	52.66572272	38.63359704
5254	424632.81	1260260.93	52.66572508	38.63329271
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5256	424633.35	1260232	52.66573047	38.63286511
5257	424632.53	1260220.77	52.66572331	38.6326991
5258	424631.54	1260213.85	52.66571454	38.63259679
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5267	424628.02	1260141.24	52.66568426	38.63152344
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5269	424625.29	1260126.1	52.66566	38.63129957
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5271	424625.37	1260110.93	52.665661	38.63107535
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5275	424624.5	1260067.93	52.66565397	38.63043974
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5278	424623.07	1260024.88	52.66564191	38.62980339
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5281	424619.58	1259982.08	52.66561132	38.62917066
5282	424618.77	1259973.66	52.6656042	38.62904618
5283	424619.45	1259963.55	52.66561049	38.62889677
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5286	424619.88	1259919.59	52.66561515	38.62824701
5287	424620.15	1259905.41	52.66561783	38.62803743
5288	424618.93	1259891.38	52.66560712	38.62783002
5289	424617.59	1259881.56	52.66559526	38.62768483
5290	424617.53	1259859.84	52.66559511	38.62736379
5291	424618.82	1259844.11	52.66560698	38.62713132
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5294	424617.32	1259803.78	52.66559422	38.62653516
5295	424615.42	1259786.57	52.66557745	38.62628073
5296	424615.4	1259771.12	52.66557755	38.62605237
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5301	424610.64	1259721.5	52.66553565	38.6253188
5302	424610.77	1259713.63	52.66553696	38.62520248
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5309	424620.46	1259667.84	52.66562485	38.62452594
5310	424620.13	1259660.35	52.66562201	38.62441523
5311	424618.48	1259652.41	52.66560732	38.62429782
5312	424617.75	1259642.77	52.66560093	38.62415531
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5314	424619.3	1259623.24	52.6656152	38.62386668
5315	424619.41	1259612.76	52.66561638	38.62371178
5316	424619.17	1259605.65	52.66561434	38.62360669
5317	424619.03	1259599	52.6656132	38.62350839
5318	424615.34	1259593.41	52.66558014	38.62342566
5319	424613.97	1259585.37	52.66556797	38.62330678
5320	424616.42	1259574.12	52.66559018	38.62314057
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5328	424614.46	1259496.49	52.66557391	38.62199307
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5334	424602.65	1259428.85	52.66546895	38.62099296
5335	424599.56	1259416.23	52.6654414	38.62080634
5336	424596.79	1259408.88	52.66541663	38.62069762

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5338	424589.27	1259391.53	52.66534935	38.62044097
5339	424588.94	1259384.04	52.66534651	38.62033025
5340	424589.35	1259376.36	52.66535033	38.62021674
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5362	424555.34	1259130.05	52.66504884	38.61657516
5363	424551.87	1259116.22	52.66501789	38.61637065
5364	424549.26	1259105.1	52.66499462	38.61620622
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5370	424539.79	1259050.52	52.66491042	38.61539923
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5372	424537.62	1259035.42	52.66489117	38.61517599
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5405	424488.93	1258778.12	52.66445778	38.61137165
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5418	424466.61	1258681.7	52.66425874	38.60994594
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5429	424445.28	1258584.88	52.66406857	38.60851435
5430	424443.02	1258579.49	52.66404835	38.60843463
5431	424440.33	1258570.52	52.66402432	38.60830198
5432	424438.89	1258566.14	52.66401144	38.60823721
5433	424435.88	1258563.44	52.66398444	38.60819722
5434	424430.48	1258554.96	52.66393604	38.60807175
5435	424427.24	1258546.75	52.66390705	38.60795032
5436	424426.07	1258540.67	52.66389663	38.60786042
5437	424424.64	1258533.71	52.66388389	38.60775752
5438	424420.92	1258523.63	52.66385062	38.60760844
5439	424416.74	1258515.14	52.66381319	38.60748285
5440	424411.52	1258505.53	52.66376643	38.60734067
5441	424407.14	1258495.08	52.66372723	38.60718611
5442	424403.63	1258487.99	52.66369579	38.60708123
5443	424399.75	1258482.31	52.66366101	38.60699718
5444	424396.25	1258477.19	52.66362964	38.60692142
5445	424391.23	1258468.36	52.66358467	38.60679078
5446	424386.96	1258460.24	52.66354642	38.60667066
5447	424383.16	1258452.41	52.66351239	38.60655483
5448	424378.43	1258445.89	52.66346999	38.60645835
5449	424376.26	1258443.19	52.66345053	38.60641839
5450	424370.57	1258436.72	52.66339949	38.60632261
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5452	424361.02	1258423.03	52.66331388	38.60612003
5453	424354.59	1258414.84	52.66325623	38.60599882
5454	424349.39	1258407.48	52.66320961	38.60588991
5455	424342.02	1258397.33	52.66314354	38.60573971
5456	424335.23	1258389.99	52.66308263	38.60563105
5457	424327.84	1258378.62	52.66301639	38.60546282
5458	424323.4	1258371.91	52.6629766	38.60536354
5459	424313.66	1258358.22	52.66288928	38.60516096
5460	424305.33	1258345.93	52.66281461	38.6049791
5461	424301.17	1258340.34	52.66277731	38.60489638
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5463	424294.03	1258336.27	52.66271321	38.60483605
5464	424293.32	1258341.52	52.66270675	38.60491362
5465	424293.36	1258347.14	52.66270702	38.60499669
5466	424294.52	1258352.74	52.66271736	38.60507948
5467	424294.93	1258357.98	52.66272097	38.60515694
5468	424292.72	1258362.49	52.66270104	38.60522354

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5470	424283.74	1258363.68	52.66262032	38.60524091
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5473	424271.98	1258342.05	52.66251497	38.60492093
5474	424271.54	1258332.69	52.66251116	38.60478258
5475	424270.73	1258324.08	52.66250401	38.6046553
5476	424270.29	1258314.73	52.6625002	38.6045171
5477	424267.98	1258307.25	52.66247955	38.60440649
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5479	424258.13	1258291.23	52.66239128	38.60416947
5480	424251.34	1258283.79	52.66233037	38.60405934
5481	424241.9	1258271.87	52.66224572	38.60388293
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5483	424221.15	1258250.68	52.66205957	38.60356924
5484	424211.14	1258238.77	52.6619698	38.60339297
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5487	424188.97	1258214.03	52.66177094	38.60302678
5488	424182.65	1258207.8	52.66171424	38.60293455
5489	424177.94	1258203.25	52.66167198	38.60286718
5490	424162.67	1258189.04	52.66153497	38.60265679
5491	424153.99	1258179.55	52.66145711	38.60251632
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5493	424134.98	1258158.58	52.66128659	38.60220594
5494	424126.84	1258145.91	52.66121363	38.60201848
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5503	424066	1258061.58	52.66066814	38.60077067
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5506	424048.61	1258038.87	52.6605122	38.60043462
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5514	424004.39	1257968.47	52.66011585	38.59939312
5515	423997.58	1257957.66	52.6600548	38.5992332
5516	423993.03	1257949.64	52.66001403	38.59911456
5517	423988.86	1257942.37	52.65997666	38.59900702
5518	423982.6	1257931.93	52.65992056	38.59885258
5519	423978.88	1257928.26	52.65988718	38.59879825
5520	423974.52	1257920.8	52.65984811	38.5986879
5521	423969.88	1257914.1	52.65980651	38.59858877
5522	423964.59	1257907.39	52.65975907	38.59848948
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5529	423941.16	1257873.35	52.659549	38.59798585
5530	423933.13	1257862.46	52.659477	38.59782472
5531	423924.35	1257852.13	52.65939825	38.59767185
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5535	423901.34	1257822.27	52.6591919	38.59723002
5536	423895.01	1257814.73	52.65913512	38.59711844
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5635	422714.42	1257356.51	52.64853223	38.59032071
5636	422705.8	1257355.26	52.64845478	38.59030205
5637	422699.82	1257356.42	52.64840103	38.59031906
5638	422692.5	1257354.23	52.64833528	38.59028654
5639	422685.93	1257350.91	52.64827628	38.59023735
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5687	422163.96	1257288.75	52.6435865	38.58930762
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5708	421870.25	1257351.52	52.64094628	38.59022853
5709	421857.89	1257351.04	52.64083522	38.59022117
5710	421843.53	1257351.71	52.64070617	38.59023076
5711	421831.93	1257352.54	52.64060191	38.59024276
5712	421824.44	1257352.97	52.6405346	38.59024895
5713	421804.64	1257352.55	52.64035668	38.59024231
5714	421785.16	1257350.44	52.64018165	38.59021072
5715	421760.12	1257344.63	52.63995671	38.59012435
5716	421748.29	1257338.91	52.63985047	38.59003959
5717	421737.79	1257337.86	52.63975613	38.59002385
5718	421728.43	1257337.18	52.63967203	38.5900136
5719	421717.36	1257334.27	52.63957259	38.58997037
5720	421707.05	1257332.09	52.63947997	38.58993794
5721	421698.99	1257331.22	52.63940755	38.58992492
5722	421690.94	1257329.96	52.63933523	38.58990613
5723	421661.61	1257326.62	52.6390717	38.58985615
5724	421643.99	1257323.37	52.6389134	38.58980776
5725	421628.8	1257319.74	52.63877695	38.58975381
5726	421619.99	1257317.37	52.63869781	38.58971861
5727	421591.01	1257310.27	52.63843748	38.5896131
5728	421575.82	1257306.08	52.63830103	38.58955087
5729	421560.06	1257301.88	52.63815946	38.58948849
5730	421545.44	1257298.81	52.63802812	38.58944282
5731	421534.37	1257296.26	52.63792868	38.58940492
5732	421505.79	1257291.41	52.63767191	38.58933266

5733	421492.47	1257287.77	52.63755226	38.5892786
5734	421481.04	1257286.72	52.63744956	38.58926284
5735	421471.69	1257287.35	52.63736553	38.58927195
5736	421463.08	1257288.35	52.63728814	38.58928653
5737	421445.91	1257289.6	52.63713383	38.58930462
5738	421426.83	1257291.23	52.63696235	38.58932829
5739	421414.84	1257289.63	52.63685462	38.58930439
5740	421406.02	1257286.89	52.6367754	38.58926373
5741	421388.14	1257286.64	52.63661473	38.58925965
5742	421378.4	1257286.9	52.6365272	38.58926328
5743	421363.62	1257287.01	52.63639438	38.58926458
5744	421343.22	1257288.09	52.63621104	38.58928009
5745	421328.24	1257287.82	52.63607643	38.58927578
5746	421310.63	1257285.89	52.6359182	38.58924689
5747	421293.12	1257284.89	52.63576087	38.58923174
5748	421278.31	1257282.75	52.63562781	38.58919981
5749	421262.76	1257280.61	52.6354881	38.58916787
5750	421253	1257278.06	52.63540042	38.58912999
5751	421242.51	1257276.27	52.63530618	38.58910332
5752	421235.57	1257275.57	52.63524382	38.58909283
5753	421207.2	1257274.27	52.6349889	38.58907302
5754	421186.77	1257271.05	52.63480535	38.58902502
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5756	421162.78	1257267.1	52.63458982	38.58896616
5757	421152.48	1257265.68	52.63449727	38.58894496
5758	421142.55	1257265.56	52.63440804	38.58894297
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5762	421085.56	1257267.47	52.63389588	38.58896995
5763	421074.33	1257268.11	52.63379496	38.58897916
5764	421060.66	1257267.46	52.63367212	38.58896927
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5767	421017.5	1257266.09	52.63328429	38.5889481
5768	421006.27	1257266.17	52.63318337	38.58894904
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5815	420457.16	1257100.26	52.62825102	38.58648698
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5817	420427.84	1257071.54	52.6279879	38.58606222
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6003	419772.94	1252906.99	52.62213994	38.5245537
6004	419785.65	1252878.78	52.6222543	38.52413725
6005	419794.23	1252856.58	52.62233151	38.52380951
6006	419804.7	1252831.81	52.62242572	38.52344383
6007	419815.53	1252805.89	52.62252317	38.52306117
6008	419832.74	1252768.91	52.62267801	38.52251525
6009	419844.37	1252747.17	52.62278263	38.52219432
6010	419856.72	1252721.62	52.62289373	38.52181713
6011	419867.98	1252701.4	52.62299501	38.52151864
6012	419880.69	1252672.05	52.62310937	38.52108534
6013	419908.1	1252626.25	52.6233559	38.52040924
6014	419918.98	1252607.17	52.62345376	38.52012757
6015	419934.74	1252578.56	52.62359551	38.51970521
6016	419953.12	1252545.37	52.62376083	38.51921524
6017	419981.63	1252494.25	52.62401726	38.51846056
6018	419985.93	1252483.77	52.62405594	38.51830584
6019	419991.93	1252473.27	52.62410991	38.51815083
6020	419999.62	1252459.54	52.62417907	38.51794813
6021	420013.91	1252437.97	52.62430758	38.51762971
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6023	420035.35	1252407.22	52.62450038	38.51717577
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6025	420050.56	1252382.61	52.62463716	38.51681245
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6029	420064.02	1252325.23	52.62475835	38.51596521
6030	420067.52	1252310.38	52.62478987	38.51574594
6031	420069.86	1252292.5	52.62481097	38.51548192
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6033	420073.92	1252249.16	52.62484762	38.51484193
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6035	420078.3	1252224.24	52.62488708	38.51447396
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6037	420078.1	1252195.74	52.62488539	38.5140531
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6054	420049.35	1252055.63	52.62462755	38.5119839
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6164	419182.61	1251713.11	52.61683977	38.50692173
6165	419171.61	1251715.66	52.61674091	38.50695933
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6216	418123.63	1251918.63	52.6073227	38.50995041

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6289	417210.47	1252376.51	52.59911495	38.51670312
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6291	417185.49	1252391.32	52.59889041	38.51692153
6292	417169.52	1252402.41	52.59874685	38.51708509
6293	417151.6	1252420.02	52.59858574	38.51734486
6294	417138.94	1252430.37	52.59847193	38.51749752
6295	417126.27	1252438.25	52.59835804	38.51761373
6296	417113.22	1252447.08	52.59824073	38.51774395
6297	417099.81	1252457.44	52.59812017	38.51789675
6298	417086.6	1252470.45	52.59800141	38.51808866
6299	417074.9	1252481.74	52.59789622	38.5182552
6300	417063.95	1252491.13	52.59779777	38.5183937
6301	417051.57	1252500.82	52.59768648	38.51853662
6302	417040.61	1252509.06	52.59758795	38.51865815
6303	417031.91	1252514.83	52.59750975	38.51874324
6304	417022.27	1252521.73	52.59742309	38.518845

6305	417013.02	1252529.02	52.59733993	38.51895252
6306	417002.26	1252538.79	52.59724319	38.51909662
6307	416991.51	1252550.45	52.59714654	38.51926862
6308	416982.11	1252564.96	52.597062	38.51948269
6309	416972.32	1252577.19	52.59697397	38.5196631
6310	416963.86	1252589.22	52.59689789	38.51984058
6311	416955.18	1252598.4	52.59681984	38.51997599
6312	416934.09	1252623.78	52.5966302	38.52035038
6313	416920.55	1252643.82	52.59650844	38.52064602
6314	416909.64	1252659.1	52.59641032	38.52087144
6315	416899.1	1252673.24	52.59631554	38.52108003
6316	416885.93	1252690.81	52.59619711	38.52133922
6317	416872.19	1252708.58	52.59607355	38.52160135
6318	416865.04	1252719.46	52.59600924	38.52176186
6319	416852.79	1252733.37	52.59589909	38.52196704
6320	416843.59	1252747.49	52.59581635	38.52217534
6321	416833.47	1252758.68	52.59572535	38.5223404
6322	416830.32	1252762.63	52.59569703	38.52239866
6323	416823.92	1252770.73	52.59563947	38.52251815
6324	416820.29	1252776.81	52.59560682	38.52260784
6325	416815.56	1252782.56	52.59556429	38.52269266
6326	416810.83	1252789.42	52.59552175	38.52279386
6327	416804.7	1252796.11	52.59546663	38.52289253
6328	416800.15	1252800.73	52.59542572	38.52296068
6329	416793.75	1252809.3	52.59536817	38.52308709
6330	416787.72	1252817.11	52.59531394	38.5232023
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6332	416770	1252832.85	52.59515462	38.52343443
6333	416759.87	1252842.93	52.59506354	38.5235831
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6335	416738.69	1252865.74	52.59487309	38.52391954
6336	416729.59	1252874.88	52.59479127	38.52405434
6337	416723.72	1252879.14	52.5947385	38.52411716
6338	416716.73	1252883.87	52.59467566	38.5241869
6339	416708.57	1252894.5	52.59460227	38.5243437
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6346	416660.68	1252928.61	52.59417174	38.52484666
6347	416652.35	1252928.86	52.59409688	38.52485028
6348	416645.57	1252930.31	52.59403595	38.52487162

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6350	416633.14	1252932.84	52.59392423	38.52490885
6351	416625.95	1252935.23	52.59385961	38.52494406
6352	416615.02	1252938.3	52.59376137	38.52498927
6353	416602.97	1252941.29	52.59365307	38.52503329
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6355	416564.71	1252948.4	52.59330921	38.52513788
6356	416550.22	1252950.84	52.59317898	38.52517377
6357	416519.31	1252954.06	52.59290119	38.52522102
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6364	416423.36	1252953.81	52.59203895	38.52521651
6365	416412.08	1252953.8	52.59193758	38.52521627
6366	416403.84	1252952.83	52.59186354	38.52520189
6367	416395.5	1252951.76	52.59178859	38.52518603
6368	416387.72	1252950.42	52.59171869	38.52516619
6369	416381.39	1252949.24	52.59166181	38.52514872
6370	416376.8	1252948.62	52.59162056	38.52513953
6371	416372.11	1252947.72	52.59157842	38.52512621
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6373	416365.55	1252945.89	52.59151948	38.52509915
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6375	416354.2	1252942.14	52.5914175	38.52504372
6376	416347.25	1252939.1	52.59135506	38.5249988
6377	416339.36	1252935.13	52.59128418	38.52494016
6378	416331.46	1252930.6	52.59121321	38.52487325
6379	416323.29	1252927.1	52.59113981	38.52482153
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6384	416283.97	1252903.63	52.59078658	38.52447488
6385	416272.51	1252897.25	52.59068363	38.52438065
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6387	416253.6	1252884.57	52.59051376	38.52419339
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6389	416231.85	1252869.67	52.59031838	38.52397335
6390	416218.69	1252861.72	52.59020016	38.52385593
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6395	416178.7	1252836.1	52.58984092	38.52347757
6396	416167.23	1252829.35	52.58973788	38.52337788
6397	416159.71	1252825.28	52.58967032	38.52331776
6398	416144.95	1252815.56	52.58953773	38.52317422
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6419	415936.76	1252658.18	52.58766759	38.52085045
6420	415926.23	1252644.52	52.58757303	38.52064882
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6422	415916.67	1252630.17	52.58748718	38.52043702
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6431	415889.91	1252589.41	52.58724689	38.51983542
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6433	415882.49	1252572.99	52.58718028	38.5195931
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6447	415852.34	1252512.51	52.58690961	38.51870053
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6468	415831.84	1252369.25	52.586726	38.51658667
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6478	415827.33	1252311.39	52.5866857	38.51573295
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6487	415821.01	1252239.4	52.58662919	38.51467075
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6517	415744.1	1251981.77	52.58593898	38.51086916
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6519	415736.47	1251963.1	52.58587048	38.51059366
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6581	415652.33	1251572.88	52.58511553	38.50483596
6582	415652.01	1251566.98	52.58511267	38.50474891
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6585	415651.97	1251547.73	52.58511236	38.5044649
6586	415651.84	1251543.42	52.5851112	38.50440131
6587	415650.87	1251538.56	52.5851025	38.5043296
6588	415649.53	1251534.17	52.58509047	38.50426483
6589	415647.25	1251529.04	52.58506999	38.50418913
6590	415644.22	1251524.47	52.58504277	38.50412169
6591	415639.39	1251516.93	52.58499939	38.50401043
6592	415635.43	1251510.35	52.58496382	38.50391333
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6594	415629.18	1251499.45	52.58490768	38.50375249
6595	415626.52	1251494.23	52.58488379	38.50367547
6596	415623.48	1251487.51	52.58485649	38.50357631
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6598	415615.14	1251473.25	52.58478157	38.50336589
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6601	415602.66	1251450.42	52.58466948	38.50302901
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6607	415585.09	1251401.08	52.5845117	38.502301
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6615	415560.46	1251354.1	52.58429048	38.50160778
6616	415555.55	1251348.34	52.58424636	38.50152278
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6620	415536.35	1251320.86	52.58407389	38.50111729
6621	415532.37	1251314.15	52.58403813	38.50101828
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6682	415411.15	1250963.95	52.58294944	38.49585131
6683	415410.57	1250961.52	52.58294423	38.49581546
6684	415410.83	1250958.71	52.58294657	38.49577401
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6686	415409.18	1250951.05	52.58293176	38.49566099
6687	415407.57	1250948.44	52.58291729	38.49562248
6688	415404.46	1250945.3	52.58288935	38.49557615
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6866	415024.7	1250011.14	52.57947724	38.48179456
6867	415016.74	1250007.75	52.57940571	38.48174456
6868	415011.3	1250002.55	52.57935682	38.48166785
6869	415006.65	1249995.6	52.57931503	38.48156532
6870	414996.76	1249988.84	52.57922615	38.48146561
6871	414989.26	1249984.13	52.57915876	38.48139613
6872	414985.25	1249977.97	52.57912272	38.48130526
6873	414985.52	1249971.93	52.57912514	38.48121616
6874	414985.3	1249963.36	52.57912316	38.48108973
6875	414982.7	1249954.02	52.57909979	38.48095195
6876	414977.55	1249945.16	52.57905351	38.48082126

6877	414969.53	1249933.15	52.57898144	38.48064409
6878	414962.3	1249921.94	52.57891646	38.48047873
6879	414952.05	1249909.47	52.57882434	38.48029478
6880	414942.46	1249900.33	52.57873816	38.48015996
6881	414932.08	1249891.2	52.57864488	38.48002528
6882	414925.35	1249882.43	52.57858439	38.47989592
6883	414918.31	1249874.39	52.57852112	38.47977732
6884	414913.33	1249866.8	52.57847637	38.47966536
6885	414906.28	1249857.17	52.57841301	38.47952331
6886	414899.38	1249847.53	52.578351	38.47938111
6887	414895.05	1249840.58	52.57831208	38.47927859
6888	414889.75	1249833	52.57826445	38.47916678
6889	414884.3	1249825.74	52.57821547	38.47905968
6890	414878.7	1249819.58	52.57816514	38.47896882
6891	414875.32	1249813.26	52.57813476	38.47887559
6892	414867.47	1249803.47	52.57806421	38.47873118
6893	414859.29	1249791.78	52.5779907	38.47855875
6894	414856.72	1249787.04	52.5779676	38.47848883
6895	414850.47	1249779.3	52.57791143	38.47837466
6896	414838.6	1249761.45	52.57780475	38.47811136
6897	414824.77	1249736.94	52.57768045	38.47774982
6898	414809.51	1249712.13	52.57754329	38.47738386
6899	414801.95	1249698.85	52.57747535	38.47718797
6900	414796.17	1249689.05	52.5774234	38.47704342
6901	414790.22	1249678.45	52.57736992	38.47688706
6902	414784.27	1249667.86	52.57731644	38.47673086
6903	414777.69	1249657.75	52.5772573	38.47658173
6904	414771.75	1249648.42	52.57720391	38.47644411
6905	414765.31	1249636.72	52.57714603	38.47627153
6906	414759.04	1249624.94	52.57708967	38.47609777
6907	414753.56	1249614.5	52.57704042	38.47594378
6908	414747.61	1249602.95	52.57698694	38.47577342
6909	414742.47	1249594.26	52.57694074	38.47564524
6910	414737.96	1249585.4	52.5769002	38.47551455
6911	414734.08	1249576.38	52.57686532	38.4753815
6912	414730.2	1249566.57	52.57683045	38.4752368
6913	414725.36	1249555.37	52.57678694	38.4750716
6914	414721.95	1249544.92	52.57675628	38.47491746
6915	414718.07	1249534.47	52.5767214	38.47476331
6916	414714.66	1249524.65	52.57669075	38.47461847
6917	414710.61	1249513.72	52.57665434	38.47445724
6918	414705.94	1249503.32	52.57661236	38.47430384
6919	414702.06	1249493.98	52.57657749	38.47416608
6920	414697.06	1249482.59	52.57653254	38.47399807

6921	414692.7	1249473.41	52.57649335	38.47386267
6922	414688.83	1249464.87	52.57645856	38.4737367
6923	414682.88	1249454.27	52.57640508	38.47358036
6924	414679.35	1249447.95	52.57637335	38.47348714
6925	414675.51	1249443.69	52.57633883	38.47342431
6926	414675.46	1249437.5	52.57633838	38.473333
6927	414673.52	1249433.07	52.57632094	38.47326766
6928	414670.16	1249429.12	52.57629074	38.4732094
6929	414665.53	1249425.34	52.57624912	38.47315365
6930	414659.47	1249420.94	52.57619466	38.47308876
6931	414654.99	1249416.09	52.57615439	38.47301723
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6933	414645.56	1249406.95	52.57606964	38.47288243
6934	414642.82	1249402.37	52.57604501	38.47281487
6935	414640.1	1249398.74	52.57602056	38.47276133
6936	414635.95	1249395.59	52.57598326	38.47271488
6937	414630.05	1249391.51	52.57593024	38.47265471
6938	414626.69	1249388.04	52.57590004	38.47260353
6939	414624.44	1249384.56	52.57587982	38.4725522
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6941	414620.44	1249380.78	52.57584386	38.47249645
6942	414620.58	1249377.92	52.57584512	38.47245427
6943	414621.2	1249375.06	52.57585069	38.47241208
6944	414621.48	1249369.82	52.5758532	38.47233478
6945	414621.28	1249364.74	52.57585139	38.47225985
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6947	414618.84	1249355.71	52.57582945	38.47212666
6948	414616.57	1249350.01	52.57580904	38.47204258
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6951	414612	1249332.1	52.57576795	38.47177841
6952	414611.18	1249329.29	52.57576058	38.47173696
6953	414609.1	1249326.61	52.57574188	38.47169744
6954	414605.26	1249322.35	52.57570737	38.47163461
6955	414601.41	1249316.98	52.57567276	38.47155541
6956	414598.2	1249311.6	52.57564391	38.47147606
6957	414593.88	1249307.03	52.57560508	38.47140866
6958	414590.83	1249301.97	52.57557766	38.47133403
6959	414585.71	1249297.09	52.57553164	38.47126205
6960	414580.91	1249292.04	52.5754885	38.47118758
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6962	414573.69	1249281.46	52.5754236	38.47103153
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6967	414549.87	1249257.98	52.57520951	38.47068525
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6969	414541.72	1249250.18	52.57513625	38.47057022
6970	414538.19	1249244.49	52.57510452	38.4704863
6971	414532.74	1249237.06	52.57505553	38.47037672
6972	414526.64	1249228.54	52.5750007	38.47025106
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6974	414520.08	1249220.96	52.57494174	38.47013927
6975	414518.78	1249217.32	52.57493005	38.47008558
6976	414513.16	1249208.15	52.57487953	38.46995034
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6978	414497.32	1249190.49	52.57473715	38.46968989
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6987	414428.99	1249114.34	52.57412297	38.46856686
6988	414424.99	1249110.87	52.57408702	38.46851569
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6993	414387.63	1249081.3	52.57375123	38.46807965
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6997	414371.9	1249057	52.57360982	38.46772128
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7003	414333.39	1249021.56	52.57326368	38.46719867
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7005	414322.37	1249012.27	52.57316463	38.46706168
7006	414315.51	1249007.56	52.57310297	38.46699223
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7014	414266.32	1248966.52	52.57266084	38.46638707
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7016	414251.52	1248962.49	52.57252783	38.46632768
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7018	414238.45	1248955.29	52.57241037	38.46622153
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7037	414104.39	1248837.57	52.57120537	38.46448574
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7153	412818.55	1248349.79	52.5596488	38.45729831
7154	412810.81	1248352.65	52.55957926	38.45734052
7155	412804.45	1248354.4	52.55952211	38.45736636
7156	412801.95	1248353.02	52.55949964	38.45734603
7157	412795.73	1248351.67	52.55944374	38.45732615
7158	412788.28	1248353.58	52.55937679	38.45735436
7159	412777.59	1248357.7	52.55928074	38.45741517
7160	412769.08	1248362.42	52.55920428	38.45748481
7161	412763.33	1248362.46	52.55915261	38.45748543
7162	412752.76	1248361.76	52.55905762	38.45747516
7163	412743.43	1248360.28	52.55897377	38.45745339
7164	412737.51	1248358.3	52.55892056	38.45742423
7165	412731.73	1248354.3	52.55886861	38.45736528
7166	412727.05	1248350.45	52.55882654	38.45730853
7167	412726.39	1248345.95	52.55882059	38.45724219
7168	412728.24	1248342.98	52.55883721	38.45719838
7169	412732.73	1248341.4	52.55887755	38.45717506
7170	412740.33	1248339.79	52.55894585	38.45715128
7171	412747.94	1248338.49	52.55901423	38.45713207
7172	412757.72	1248337.96	52.55910211	38.4571242
7173	412765.95	1248337.12	52.55917607	38.45711177
7174	412772.45	1248333.97	52.55923447	38.45706529
7175	412776	1248329.9	52.55926636	38.45700526
7176	412775.97	1248326.48	52.55926608	38.45695483
7177	412773	1248323.71	52.55923938	38.456914
7178	412762.58	1248322.69	52.55914574	38.45689902
7179	412748.45	1248324.04	52.55901876	38.456919
7180	412732.61	1248324.77	52.55887642	38.45692985
7181	412688.36	1248328.66	52.55847878	38.45698745
7182	412646.45	1248333.94	52.55810217	38.45706553
7183	412632.49	1248336.99	52.55797673	38.45711058
7184	412621.47	1248339.09	52.55787771	38.4571416

7185	412611.54	1248341.49	52.55778848	38.45717704
7186	412600.37	1248344.05	52.55768811	38.45721485
7187	412582.69	1248347.44	52.55752924	38.45726493
7188	412565	1248351.26	52.55737028	38.45732135
7189	412549.03	1248355.57	52.55722678	38.45738498
7190	412536.31	1248358.92	52.55711248	38.45743444
7191	412526.38	1248360.39	52.55702325	38.45745617
7192	412515.37	1248362.96	52.55692432	38.45749412
7193	412505.6	1248365.36	52.55683653	38.45752956
7194	412492.88	1248368.87	52.55672223	38.45758138
7195	412480.01	1248372.22	52.55660659	38.45763084
7196	412468.07	1248376.19	52.5564993	38.45768944
7197	412457.06	1248378.91	52.55640037	38.4577296
7198	412444.03	1248381.8	52.55628328	38.45777228
7199	412424.64	1248385.36	52.55610905	38.45782488
7200	412410.37	1248389.35	52.55598082	38.45788378
7201	412399.68	1248393	52.55588477	38.45793765
7202	412391.3	1248394.77	52.55580947	38.45796379
7203	412382.92	1248396.07	52.55573416	38.457983
7204	412370.67	1248399.57	52.55562409	38.45803467
7205	412358.88	1248401.83	52.55551815	38.45806805
7206	412346.62	1248404.1	52.55540798	38.45810159
7207	412332.66	1248406.99	52.55528254	38.45814427
7208	412316.99	1248410.64	52.55514173	38.45819816
7209	412308.46	1248412.88	52.55506508	38.45823123
7210	412299.77	1248414.65	52.55498699	38.45825738
7211	412288.75	1248415.81	52.55488797	38.45827454
7212	412276.96	1248417.45	52.55478202	38.45829878
7213	412263.92	1248419.72	52.55466484	38.45833231
7214	412251.36	1248422.76	52.55455198	38.4583772
7215	412236.31	1248426.13	52.55441675	38.45842696
7216	412218.16	1248429.37	52.55425365	38.45847482
7217	412206.98	1248430.23	52.55415318	38.45848756
7218	412192.84	1248431.11	52.55402612	38.45850061
7219	412177.47	1248431.68	52.553888	38.45850909
7220	412157.28	1248433.54	52.55370657	38.45853661
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7222	412120.01	1248435.82	52.55337165	38.45857042
7223	412107.9	1248436.53	52.55326282	38.45858095
7224	412097.17	1248435.68	52.55316639	38.45856847
7225	412082.56	1248435.16	52.5530351	38.45856088
7226	412064.69	1248434.67	52.55287451	38.45855375
7227	412053.35	1248434.44	52.5527726	38.45855042
7228	412038.9	1248435.16	52.55264275	38.45855611

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7230	412016.08	1248437.97	52.55243768	38.45860265
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7232	411994.8	1248437.81	52.55224645	38.4586004
7233	411983.6	1248436.96	52.5521458	38.45858792
7234	411971.32	1248435.8	52.55203544	38.45857089
7235	411959.19	1248434.65	52.55192643	38.45855399
7236	411941.32	1248434.46	52.55176584	38.45855128
7237	411929.37	1248435.17	52.55165846	38.45856181
7238	411916.79	1248436.66	52.55154541	38.45858384
7239	411904.05	1248437.06	52.55143092	38.4585898
7240	411884.33	1248437.98	52.55125371	38.45860347
7241	411857.31	1248440.35	52.5510109	38.45863855
7242	411842.7	1248439.83	52.55087961	38.45863095
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7245	411773.13	1248444.06	52.55025443	38.45869367
7246	411759.47	1248445.86	52.55013168	38.45872027
7247	411745.81	1248447.98	52.55000893	38.4587516
7248	411732.61	1248448.85	52.54989031	38.45876449
7249	411723.29	1248448.45	52.54980656	38.45875864
7250	411714.74	1248448.67	52.54972972	38.45876193
7251	411704.96	1248449.05	52.54964184	38.45876758
7252	411694.25	1248450.99	52.5495456	38.45879623
7253	411684.78	1248451.53	52.54946049	38.45880424
7254	411668.63	1248452.42	52.54931537	38.45881744
7255	411656.2	1248453.6	52.54920367	38.4588349
7256	411649.84	1248454.26	52.54914651	38.45884466
7257	411640.52	1248454.95	52.54906276	38.45885488
7258	411631.2	1248455.64	52.54897901	38.4588651
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7260	411609.16	1248458.44	52.54878096	38.45890649
7261	411599.54	1248459.59	52.54869451	38.45892349
7262	411589.3	1248461.53	52.54860249	38.45895214
7263	411572.53	1248462.9	52.54845179	38.45897242
7264	411557.62	1248464.4	52.54831781	38.45899461
7265	411539.76	1248465.77	52.54815731	38.45901489
7266	411515.08	1248469.06	52.54793554	38.45906351
7267	411506.39	1248470.36	52.54785745	38.45908272
7268	411496.15	1248471.68	52.54776543	38.45910223
7269	411488.24	1248473.6	52.54769435	38.45913057
7270	411478.94	1248476.77	52.54761079	38.45917735
7271	411472.58	1248478.22	52.54755364	38.45919876
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7274	411445.08	1248478.41	52.54730651	38.4592017
7275	411423.5	1248480.12	52.54711259	38.45922701
7276	411406.56	1248480.24	52.54696035	38.45922886
7277	411377.67	1248481.69	52.54670074	38.45925038
7278	411363.69	1248481.48	52.54657511	38.45924736
7279	411342.87	1248482.25	52.54638801	38.45925881
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7285	411219.28	1248493.24	52.5452774	38.45942142
7286	411194.13	1248496.06	52.5450514	38.45946311
7287	411176.28	1248498.67	52.54489099	38.45950167
7288	411162.14	1248498.93	52.54476393	38.45950558
7289	411147.25	1248501.37	52.54463012	38.45954161
7290	411132.34	1248502.41	52.54449614	38.45955702
7291	411116.03	1248503.61	52.54434957	38.45957479
7292	411107.03	1248504.92	52.5442687	38.45959414
7293	411096.63	1248505.46	52.54417524	38.45960215
7294	411069.28	1248505.65	52.54392946	38.45960509
7295	411048.63	1248506.73	52.54374389	38.45962111
7296	411025.79	1248507.98	52.54353864	38.45963964
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7301	410955.37	1248502.43	52.54290579	38.45955818
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7306	410840.7	1248500.92	52.5418753	38.45953649
7307	410835.09	1248499.25	52.54182488	38.4595119
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7312	410786.37	1248486.24	52.54138702	38.45932038
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7314	410770.22	1248486.82	52.54124189	38.45932901
7315	410760.41	1248484.72	52.54115373	38.45929811
7316	410755.74	1248482.42	52.54111175	38.45926423

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7319	410738.42	1248472.29	52.54095607	38.45911501
7320	410731.12	1248472.34	52.54089047	38.45911579
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7322	410716.51	1248472.29	52.54075918	38.45911512
7323	410711.67	1248469.53	52.54071568	38.45907447
7324	410704.8	1248464.92	52.54065393	38.45900656
7325	410697.64	1248462.64	52.54058957	38.45897299
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7334	410571.86	1248428.97	52.53945914	38.45847737
7335	410556.92	1248425.35	52.53932487	38.4584241
7336	410541.38	1248424.22	52.53918522	38.45840752
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7339	410515.51	1248414.15	52.53895271	38.45825924
7340	410507.73	1248411.72	52.53888278	38.45822347
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7342	410487.81	1248407.51	52.53870376	38.45816152
7343	410474.41	1248402.94	52.53858333	38.45809424
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7345	410449.79	1248392.86	52.53836205	38.45794581
7346	410437.34	1248389.23	52.53825015	38.45789237
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7348	410414.88	1248376.96	52.53804827	38.45771165
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7354	410294.24	1248323.44	52.53696396	38.45692353
7355	410278.65	1248316.17	52.53682384	38.45681647
7356	410266.47	1248308.18	52.53671436	38.45669879
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7360	410160.56	1248250.05	52.5357624	38.45584269

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7363	410094.39	1248208.97	52.53516761	38.45523767
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7377	409953.94	1248123.28	52.53390514	38.4539757
7378	409945.83	1248117.74	52.53383224	38.4538941
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7407	412193.58	1248228.68	52.5540321	38.4555161
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7431	415518.59	1250460.87	52.58391548	38.48842943
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7436	415649.26	1250928.71	52.58508926	38.49533199
7437	415643.16	1250946.32	52.58503442	38.49559178
7438	415643.13	1250950.75	52.58503414	38.49565714
7439	415648.53	1250964.25	52.58508265	38.49585633
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7442	415676.15	1251120.11	52.58533059	38.49815594
7443	415708.79	1251192.98	52.58562377	38.49923117
7444	415716.86	1251226.1	52.58569623	38.49971984
7445	415741.1	1251261.97	52.58591399	38.50024915
7446	415757.86	1251291.99	52.58606454	38.50069213
7447	415781.74	1251357.03	52.58627899	38.50165183
7448	415830.62	1251445.7	52.58671804	38.50296028

7449	415842.78	1251478.05	52.58682724	38.50343763
7450	415847.64	1251497.34	52.58687087	38.50372226
7451	415851.79	1251549.81	52.58690803	38.50449644
7452	415865.97	1251623.58	52.58703526	38.50558494
7453	415883.99	1251701.98	52.58719697	38.50674178
7454	415888.23	1251775.96	52.58723486	38.50783334
7455	415914.37	1251823.68	52.58746962	38.50853756
7456	415924.9	1251851.59	52.58756416	38.50894941
7457	415933.72	1251891.65	52.58764329	38.50954053
7458	415934.79	1251908.46	52.58765285	38.50978856
7459	415970.5	1251995.83	52.58797346	38.51107788
7460	416008.42	1252129.66	52.58831376	38.51305274
7461	416026.45	1252265.15	52.58847527	38.51505199
7462	416034.39	1252399.93	52.58854608	38.51704072
7463	416035.68	1252408.94	52.58855763	38.51717367
7464	416049.71	1252428.39	52.58868363	38.51746075
7465	416100.26	1252539.97	52.58913741	38.51910748
7466	416216.61	1252620.06	52.59018263	38.5202901
7467	416315.68	1252684.11	52.59107262	38.52123595
7468	416410.65	1252744.61	52.59192577	38.52212943
7469	416424.91	1252751.73	52.59205389	38.5222346
7470	416476.22	1252754.07	52.59251497	38.52226954
7471	416504.01	1252752.6	52.59276471	38.52224807
7472	416523.86	1252750.53	52.5929431	38.52221768
7473	416560.59	1252743.86	52.5932732	38.52211954
7474	416581.75	1252738.37	52.59346338	38.52203869
7475	416656.35	1252660.63	52.59413414	38.52089208
7476	416824.29	1252439.69	52.5956443	38.51763288
7477	416889.97	1252369.82	52.59623483	38.51660222
7478	417100.14	1252207.38	52.59812415	38.51420632
7479	417303.39	1252043.28	52.59995124	38.51178568
7480	417582.38	1251878.36	52.60245892	38.50935312
7481	417747.02	1251803.24	52.60393869	38.50824521
7482	418038.53	1251711.85	52.60655859	38.50689767
7483	418043.62	1251710.7	52.60660434	38.50688072
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7490	419075.24	1251493.91	52.61587549	38.50368492
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7493	419223.9	1251507.48	52.61721138	38.50388588
7494	419236.75	1251515.31	52.61732684	38.50400154
7495	419272.59	1251518.42	52.6176489	38.50404761
7496	419283.2	1251514.45	52.61774426	38.50398904
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7499	419581.91	1251515.84	52.62042858	38.50401081
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7501	419808.98	1251567.6	52.62246899	38.50477607
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7504	420081.86	1251745.22	52.6249207	38.5074002
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7512	420266.47	1252334.32	52.62657761	38.51610079
7513	420226.92	1252477.41	52.6262216	38.51821363
7514	420181.31	1252546.35	52.62581143	38.51923137
7515	420059.67	1252761.49	52.62471733	38.52240749
7516	419968.63	1252958.93	52.62389822	38.52532233
7517	419935.05	1253030.74	52.62359607	38.52638244
7518	419929.66	1253074.43	52.6235474	38.52702756
7519	419937.75	1253266.44	52.62361903	38.52986299
7520	419921.2	1253433.48	52.62346932	38.53232947
7521	419926.37	1253500.34	52.62351537	38.53331682
7522	419924.75	1253696.53	52.62349956	38.53621389
7523	419933.49	1253760.37	52.62357768	38.53715669
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7525	420029.48	1254449.04	52.62443525	38.54732736
7526	420034.16	1254474.86	52.6244771	38.5477087
7527	420052.16	1254616.44	52.6246377	38.54979966
7528	420084.93	1254936.14	52.62492945	38.55452118
7529	420114.02	1255134.16	52.62518908	38.55744582
7530	420133.51	1255273.9	52.62536292	38.5595097
7531	420158.6	1255372.87	52.62558745	38.56097162
7532	420160.02	1255408.97	52.62559986	38.56150475
7533	420164.38	1255509.86	52.62563805	38.56299471
7534	420193.92	1255697.64	52.62590162	38.56576823
7535	420229.52	1255867.82	52.62621976	38.56828198
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7537	420389.47	1256479.98	52.62765033	38.5773252
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7541	420596.23	1256952.1	52.62950263	38.58430178
7542	420716.39	1257002.52	52.6305818	38.58504892
7543	420717.56	1257002.99	52.63059231	38.58505588
7544	420718.64	1257003.22	52.63060201	38.5850593
7545	420841.05	1257028.41	52.63170171	38.58543389
7546	420969.18	1257057.71	52.63285276	38.58586932
7547	421003.75	1257064.04	52.63316334	38.58596354
7548	421155.46	1257063.65	52.63452667	38.58596096
7549	421228.05	1257072.95	52.63517887	38.58609985
7550	421276.9	1257077.09	52.6356178	38.58616202
7551	421307.57	1257082.77	52.63589334	38.58624657
7552	421409.42	1257084.87	52.63680858	38.58627973
7553	421430.4	1257088.2	52.63699707	38.58632936
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7555	421668.19	1257121.06	52.63913351	38.58681977
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7558	421799.85	1257146.61	52.64031633	38.58719999
7559	421818.83	1257150.75	52.64048684	38.58726155
7560	421876.36	1257149.54	52.64100384	38.5872449
7561	421922.11	1257139.64	52.64141509	38.58709962
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7568	422372.14	1257070.23	52.64546011	38.5860837
7569	422534.12	1257105.79	52.64691527	38.58661248
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7573	422838.32	1257178.22	52.64964798	38.5876891
7574	422881.73	1257187.72	52.65003795	38.58783039
7575	422901.93	1257197.11	52.65021936	38.58796957
7576	422919.23	1257198	52.65037481	38.58798309
7577	422977.19	1257207.43	52.65089553	38.58812367
7578	423080.59	1257236.24	52.65182435	38.58855158
7579	423147.58	1257251.07	52.65242615	38.58877216
7580	423446.55	1257334.93	52.65511169	38.59001784

7581	423612.16	1257389.51	52.65659919	38.59082802
7582	423641.57	1257405.63	52.65686326	38.59106689
7583	423691.99	1257419.75	52.65731616	38.59127667
7584	423786.77	1257467.75	52.65816724	38.59198812
7585	423862.44	1257525.09	52.65884646	38.59283721
7586	423936.58	1257575.66	52.65951201	38.59358624
7587	424041.05	1257674.87	52.66044944	38.59505483
7588	424074.99	1257717.04	52.66075385	38.59567885
7589	424190.98	1257886.17	52.66179379	38.59818119
7590	424247.94	1257973.9	52.66230439	38.59947916
7591	424293.01	1258031.77	52.66270856	38.60033554
7592	424323.7	1258063.33	52.66298389	38.60080273
7593	424399.26	1258145.57	52.66366169	38.60202007
7594	424446.11	1258199.72	52.6640819	38.60282157
7595	424519.04	1258297.57	52.6647358	38.60426963
7596	424563.75	1258363.08	52.66513659	38.60523903
7597	424609.18	1258452.31	52.66554348	38.60655905
7598	424642.31	1258538.12	52.66583987	38.60782824
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