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FLETORJA ZYRTARE E REPUBLIKËS SË SHQIPËRISË

Botim i Qendrës së Botimeve Zyrtare

Viti: 2022 – Numri: 16

Tiranë – E martë, 1 shkurt 2022

PËRMBAJTJA

Vendim i Këshillit të Ministrave
nr. 59, datë 26.1.2022

Për miratimin e ndryshimit të statusit dhe të sipërfaqes së
ekosistemeve natyrore park kombëtar (kategoria II) të zonave të
mbrojtura mjedisore.....

Faqe

1489



VENDIM
Nr. 59, datë 26.1.2022

**PËR MIRATIMIN E NDRYSHIMIT TË
STATUSIT DHE TË SIPËRFAQES
SË EKOSISTEMEVE NATYRORE
PARK KOMBËTAR (KATEGORIA II) TË
ZONAVE TË MBROJTURA MJEDISORE**

Në mbështetje të nenit 100 të Kushtetutës dhe të neneve 35 e 36, të ligjit nr. 81/2017, “Për zonat e mbrojtura”, me propozimin e ministrit të Turizmit dhe Mjedisit, Këshilli i Ministrave

VENDOSI:

1. Miratimin e ndryshimit të statusit dhe të sipërfaqes së ekosistemeve natyrore “Lugina e Valbonës” dhe “Theth”, shpallur “park kombëtar” (kategoria II e zonave të mbrojtura) dhe “Lumi i Gashit”, shpallur “rezervë strikte natyrore” (kategoria I e zonave të mbrojtura), në park kombëtar “Alpet e Shqipërisë” (kategoria II e zonave të mbrojtura), nga 2 630.0 (dy mijë e gjashtëqind e tridhjetë pikë zero) ha, 8 000.0 (tetë mijë pikë zero) ha dhe 3 000.0 (tre mijë pikë zero) ha, në total 82 844.65 (tetëdhjetë e dy mijë e tetëqind e dyzet e katër pikë gjashtëdhjetë e pesë) ha, sipas aneksit nr. 1, i cili përmban hartën në shtojcën 1 dhe tabelën e koordinatave në shtojcën 2, që i bashkëlidhet këtij vendimi dhe është pjesë përbërëse e tij.

2. Miratimin e ndryshimit të sipërfaqes së ekosistemit natyror “Bredhi i Hotovës – Dangëlli”, shpallur “park kombëtar” (kategoria II e zonave të mbrojtura), nga 34 361.1 (tridhjetë e katër mijë e treqind e gjashtëdhjetë e një pikë një) ha në 36 003.76 (tridhjetë e gjashtë mijë e tre pikë shtatëdhjetë e gjashtë) ha, sipas aneksit nr. 2, i cili përmban hartën në shtojcën 1 dhe tabelën e koordinatave në shtojcën 2, që i bashkëlidhet këtij vendimi dhe është pjesë përbërëse e tij.

3. Miratimin e ndryshimit të sipërfaqes së ekosistemit natyror/ligatinor “Butrint”, shpallur “park kombëtar” (kategoria II e zonave të mbrojtura), nga 9 424.4 (nëntë mijë e katërqind e njëzet e katër pikë katër) ha në 8 622.2 (tetë mijë e gjashtëqind e njëzet e dy pikë dy) ha, sipas aneksit nr. 3, i cili përmban hartën në shtojcën 1, tabelën e koordinatave në shtojcën 2 dhe

koordinatat e nënzonës së trashëgimisë e peizazhit kulturor në shtojcën 3, që i bashkëlidhet këtij vendimi dhe është pjesë përbërëse e tij.

4. Miratimin e ndryshimit të sipërfaqes së ekosistemit natyror/ligatinor “Divjakë – Karavasta”, shpallur “park kombëtar” (kategoria II e zonave të mbrojtura), me sipërfaqe nga 22 230.2 (njëzet e dy mijë e dyqind e tridhjetë pikë dy) ha në 22 389.08 (njëzet e dy mijë e treqind e tetëdhjetë e nëntë pikë zero tetë) ha, sipas aneksit nr. 4, i cili përmban hartën në shtojcën 1 dhe tabelën e koordinatave në shtojcën 2, që i bashkëlidhet këtij vendimi dhe është pjesë përbërëse e tij.

5. Miratimin e ndryshimit të sipërfaqes së ekosistemit natyror “Malit i Dajtit”, shpallur “park kombëtar” (kategoria II e zonave të mbrojtura), nga 29 384.18 (njëzet e nëntë mijë e treqind e tetëdhjetë e katër pikë tetëmbëdhjetë) ha në 28 561.85 (njëzet e tetë mijë e pesëqind e gjashtëdhjetë e një pikë tetëdhjetë e pesë) ha, sipas aneksit nr. 5, i cili përmban hartën në shtojcën 1 dhe tabelën e koordinatave në shtojcën 2, që i bashkëlidhet këtij vendimi dhe është pjesë përbërëse e tij.

6. Miratimin e ndryshimit të sipërfaqes së ekosistemit natyror “Lurë – Mali i Dejës”, shpallur “park kombëtar” (kategoria II e zonave të mbrojtura), nga 20 242.78 (njëzet mijë e dyqind e dyzet e dy pikë shtatëdhjetë e tetë) ha në 19 288.88 (nëntëmbëdhjetë mijë e dyqind e tetëdhjetë e tetë pikë tetëdhjetë e tetë) ha, sipas aneksit nr. 6, i cili përmban hartën në shtojcën 1 dhe tabelën e koordinatave në shtojcën 2, që i bashkëlidhet këtij vendimi dhe është pjesë përbërëse e tij.

7. Miratimin e ndryshimit të sipërfaqes së ekosistemit natyror “Llogora”, shpallur “park kombëtar” (kategoria II e zonave të mbrojtura), nga 1 010 (një mijë e dhjetë) ha në 1 769.2 (një mijë e shtatëqind e gjashtëdhjetë e nëntë pikë dy) ha, sipas aneksit nr. 7, i cili përmban hartën në shtojcën 1 dhe tabelën e koordinatave në shtojcën 2, që i bashkëlidhet këtij vendimi dhe është pjesë përbërëse e tij.

8. Miratimin e ndryshimit të sipërfaqes së ekosistemit natyror “Mali i Tomorit”, shpallur “park kombëtar” (kategoria II e zonave të mbrojtura), nga 26 106.176 (njëzet e gjashtë mijë



e njëqind e gjashtë pikë njëqind e shtatëdhjetë e gjashtë) ha në 27 158.5 (njëzet e shtatë mijë e njëqind e pesëdhjetë e tetë pikë pesë) ha, sipas aneksit nr. 8, i cili përmban hartën në shtojcën 1 dhe tabelën e koordinatave në shtojcën 2, që i bashkëlidhet këtij vendimi dhe është pjesë përbërëse e tij.

9. Miratimin e ndryshimit të sipërfaqes së ekosistemit ujor/detar “Karaburun – Sazan”, shpallur “park kombëtar detar” (kategoria II e zonave të mbrojtura), nga 12 428 (dymbëdhjetë mijë e katërqind e njëzet e tetë) ha në 12 437.7 (dymbëdhjetë mijë e katërqind e tridhjetë e shtatë pikë shtatë) ha, sipas aneksit nr. 9, i cili përmban hartën në shtojcën 1 dhe tabelën e koordinatave në shtojcën 2, që i bashkëlidhet këtij vendimi dhe është pjesë përbërëse e tij.

10. Miratimin e ndryshimit të sipërfaqes së ekosistemit natyror “Shebenik”, shpallur “park kombëtar” (kategoria II e zonave të mbrojtura), nga 33 894.25 (tridhjetë e tre mijë e tetëqind e nëntëdhjetë e katër pikë njëzet e pesë) ha në 34 507.9 (tridhjetë e katër mijë e pesëqind e shtatë pikë nëntë) ha, sipas aneksit nr. 10, i cili përmban hartën në shtojcën 1 dhe tabelën e koordinatave

në shtojcën 2, që i bashkëlidhet këtij vendimi dhe është pjesë përbërëse e tij.

11. Miratimin e ndryshimit të sipërfaqes së ekosistemit natyror “Prespa”, shpallur “park kombëtar” (kategoria II e zonave të mbrojtura), nga 27 750 (njëzet e shtatë mijë e shtatëqind e pesëdhjetë) ha në 27 613.05 (njëzet e shtatë mijë e gjashtëqind e trembëdhjetë pikë zero pesë) ha, sipas aneksit nr. 11, i cili përmban hartën në shtojcën 1 dhe tabelën e koordinatave në shtojcën 2, që i bashkëlidhet këtij vendimi dhe është pjesë përbërëse e tij.

12. Parashikimet e akteve nënligjore të mëparshme, me të cilat janë shpallur zonat e mbrojtura të përcaktuara në dispozitat e këtij vendimi, zbatohen për aq sa nuk bien ndesh me këtë vendim.

13. Ngarkohen Ministria e Turizmit dhe Mjedisit, Agjencia Kombëtare e Zonave të Mbrojtura dhe organet përkatëse të qeverisjes vendore për zbatimin e këtij vendimi.

Ky vendim hyn në fuqi menjëherë dhe botohet në Fletoren Zyrtare.

KRYEMINISTËR
Edi Rama

Aneksi nr. 1

PARK KOMBËTAR “ALPET E SHQIPËRISË”

Zona brenda këtij ekosistemi natyror përfshin pyje, kullota, toka bujqësore, shkurre, sipërfaqe ujore, inproduktive dhe zona urbane. Mbulesa e tokës brenda sipërfaqes së Parkut Kombëtar, jepet në tabelën 1, si më poshtë:

Tabela 1. Sipërfaqja e PK, e përshkruar sipas mbulesës.

Mbulesa	Sip. në ha	Përqindja
Pyje	34496.15	41.640
Sipërfaqe heterogjene bujqësore	2474.87	2.987
Sipërfaqe me vegetacion të pakët	15704.22	18.956
Kullota	400.82	0.484
Shkurre	29491.88	35.599
Zona urbane	276.71	0.334
Total	82844.65	100.000

Parku Kombëtar “Alpet e Shqipërisë” ndahet në tri nënzona ruajtjeje e administrimi, si më poshtë vijon:

a) Nënzona Qendrore A, me sipërfaqe 1695.1 (një mijë e gjashtëqind e nëntëdhjetë e pesë presje një) ha, e shënuar në hartë me ZQ A.

Kjo nënzona përfshin habitatet kryesore pyjore (pyje të lartë, cungishte dhe shkurre) dhe përcaktohet si zonë me vlera të larta për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla më e lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzona lejohen kërkimi shkencor, zhvillimi i veprimtarive ekoturistike të kontrolluara në natyrë. Në ZQ A janë të ndaluara: prerja e drurëve dhe e shkurreve; përdorimi i kimikateve dhe i plehrave kimike; ndërtime të çdo lloji; nxjerrja e mineraleve dhe e torfave; ndezja e zjarreve; kullotja, kalimi i kafshëve shtëpiake dhe ndërtimi i objekteve për mbajtjen e tyre etj.

b) Nënzona Qendrore B, me sipërfaqe 54180.07 (pesëdhjetë e katër mijë e njëqind e tetëdhjetë presje zero shtatë) ha, e shënuar në hartë me ZQ B.

Kjo nënzona përfshin habitatet kryesore pyjore (pyje të lartë, cungishte dhe shkurre) dhe përcaktohet si zonë me vlera të larta për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla më e lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzona lejohen kërkimi shkencor, zhvillimi i veprimtarive ekoturistike të lira në natyrë. Në ZQ B janë të ndaluara: shfrytëzimi i tokës me teknologji intensive, me mjete dhe mënyra që shkaktojnë ndryshime rrënjësore në biodiversitet, në strukturën dhe funksionet e ekosistemeve ose që dëmtojnë në mënyrë të pandreqshme në sipërfaqen e tokës; neutralizimi i mbetjeve me origjinë jashtë territorit të “Parkut Kombëtar”; shpërndarja e kafshëve dhe e bimëve joendajës, kur ato sjellin ndryshime në biodiversitetin e sonës; riprodhimi intensiv, me përjashtim të riprodhimeve shpëtuese; ndërtimi i rrugëve, autostradave, hekurudhave, zonave urbane, hidrocentraleve, linjave të tensionit të lartë dhe sistemeve të naftës dhe gazit me shtrirje të gjatë; larja dhe spërkatja e rrugëve me kimikate; mbjellja e pyjeve monokulturë etj.

c) Nënzona e Përdorimit Tradicional dhe Zhvillimit të Qëndrueshëm, me sipërfaqe 26969.48 (njëzet e gjashtë mijë e nëntëqind e gjashtëdhjetë e nëntë presje dyzet e tetë) ha, e shënuar në hartë me ZPTQ.



Kjo nënzonë përfshin tokat bujqësore e kullotat, dhe territore ujore ku mundësohet vazhdimi i veprimtarive tradicionale si bujqësi, kullotje, grumbullimi i bimëve mjekësore e aromatike, me përdorim të balancuar të tyre dhe nuk lejohen ndërtimet e veprimtaritë që shkaktojnë ndryshimin e gjendjes natyrore të ekosistemit. Në nënzonën e përdorimit tradicional dhe zhvillimit të qëndrueshëm, zbatohet shkalla e dytë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive ekonomike, sociale, agrobiznesit, argëtuese, sportive e ekoturistike, ndërtimi i infrastrukturës sipas planeve të zhvillimit urban e turistik të miratuar nga Këshilli Kombëtar i Territorit (KKT), të cilat nuk cenojnë integritetin ekologjik të ekosistemit dhe respektojnë funksionet e zonës së mbrojtur, vlerat ekologjike dhe ato të peizazhit natyror e kulturor.

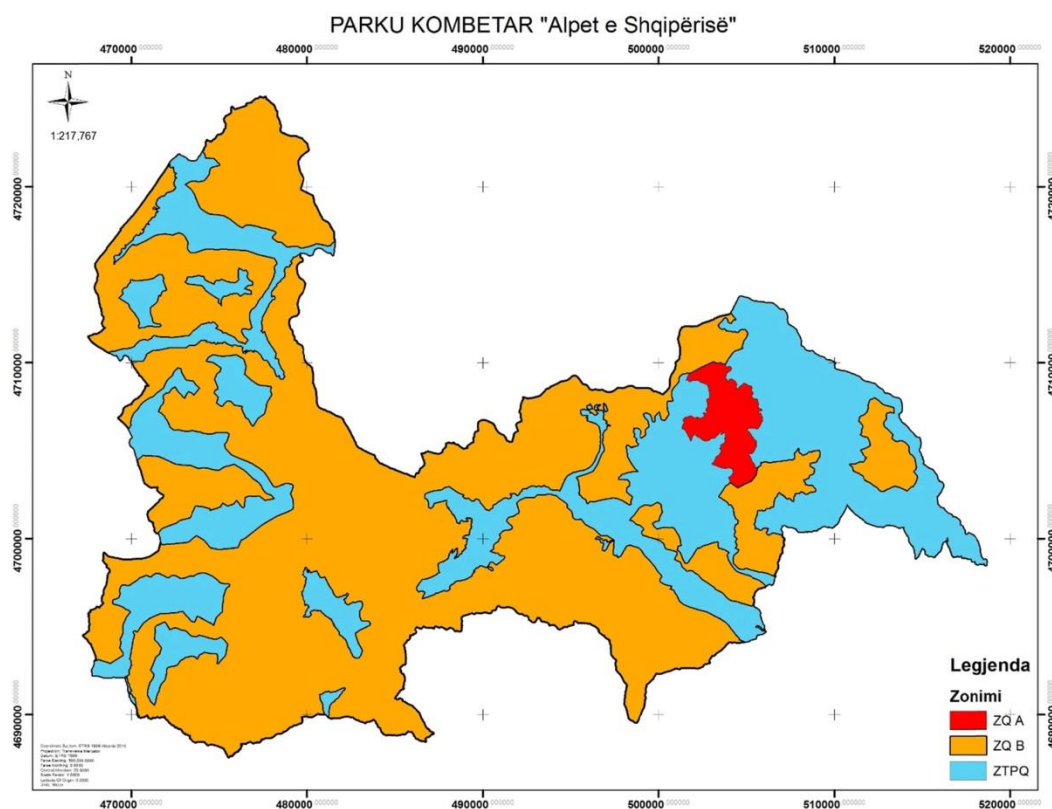
Zonimi dhe sipërfaqet në Parkun Kombëtar “Alpet e Shqipërisë” jepen në Tabelën 2.

Tabela 2. Zonimi i brendshëm i Parkut Kombëtar.

Zonimi	Sip. në ha	Përqindja
Zona qendrore A	1695.1	2.05
Zona qendrore B	54180.07	65.40
Zona e përdorimit tradicional dhe zhvillimit të qëndrueshëm	26969.48	32.55
Totali	82844.65	100.00

Administratat e Zonave të Mbrojtura, Qarku Shkodër dhe Kukës, kryejnë funksionet menaxhuese të Parkut Kombëtar “Alpet e Shqipërisë”.

SHTOJCA 1





SHTOJCA 2

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	485386.34	4690857	51	486889.6	4688755	101	485594.7	4688949
2	485389.55	4690809.4	52	486854.8	4688743	102	485547.9	4688922
3	485424.63	4690751.6	53	486820	4688732	103	485523.5	4688915
4	485460.35	4690739.5	54	486785.2	4688722	104	485508.4	4688911
5	485605.34	4690690.2	55	486756.9	4688701	105	485446.3	4688913
6	485685.6	4690617	56	486739.8	4688662	106	485419.9	4688914
7	485789.4	4690568	57	486734	4688623	107	485405.1	4688915
8	485941.12	4690495.6	58	486739.5	4688552	108	485360.3	4688896
9	486109.46	4690360	59	486738.3	4688509	109	485284	4688863
10	486264.49	4690210	60	486741.2	4688489	110	485233.8	4688863
11	486288.66	4690166.8	61	486756.5	4688463	111	485067.3	4688845
12	486355.64	4690132.6	62	486712.4	4688481	112	484929.5	4688867
13	486396.24	4690056.3	63	486663.4	4688504	113	484887.2	4688861
14	486471.82	4689844.1	64	486627.3	4688514	114	484847.6	4688855
15	486494.78	4689779.6	65	486570	4688524	115	484811.1	4688861
16	486502.84	4689769.1	66	486544.6	4688518	116	484779	4688866
17	486545.74	4689721.9	67	486526.8	4688509	117	484712.8	4688873
18	486578.03	4689677.3	68	486515.1	4688513	118	484711.1	4688873
19	486602.47	4689624.7	69	486495.7	4688535	119	484698.4	4688874
20	486627	4689564.1	70	486462.7	4688551	120	484664	4688876
21	486656.41	4689542.5	71	486432.9	4688563	121	484585.4	4688876
22	486664.75	4689508.2	72	486398	4688565	122	484516.9	4688857
23	486678.48	4689466	73	486373.5	4688578	123	484498.4	4688850
24	486714.19	4689355.2	74	486363.8	4688593	124	484480.4	4688843
25	486768.19	4689264.6	75	486341.6	4688625	125	484451.1	4688861
26	486832.28	4689216.4	76	486321.9	4688627	126	484400.6	4688881
27	486856.38	4689192.8	77	486207.7	4688660	127	484312.3	4688958
28	486935.94	4689137.9	78	486180.1	4688675	128	484226.5	4689065
29	486950.55	4689111.1	79	486157.9	4688726	129	484204.4	4689141
30	486960.29	4689093.7	80	486147	4688752	130	484185	4689212
31	486974.97	4689060.5	81	486132	4688765	131	484163.4	4689254
32	487013.38	4689035.6	82	486106.4	4688785	132	484132.8	4689264
33	487046.79	4689029.6	83	486094.5	4688805	133	484089	4689277
34	487080.27	4689018.9	84	486083.6	4688830	134	484052.9	4689330
35	487110.61	4689005	85	486066.3	4688863	135	484035.2	4689356
36	487137.73	4688994.2	86	486058.6	4688885	136	483999.7	4689448
37	487158.6	4688975.3	87	486052.1	4688897	137	483931	4689541
38	487184.32	4688948.6	88	486031.5	4688936	138	483883.8	4689635
39	487179.74	4688932.7	89	486026.1	4688948	139	483771.9	4689760
40	487164.05	4688916.6	90	486000.2	4688980	140	483767.8	4689755
41	487143.58	4688902.1	91	485973.2	4689028	141	483699.8	4689680
42	487107.04	4688903.3	92	485930.7	4689046	142	483600.1	4689652
43	487076.87	4688902.9	93	485893.7	4689043	143	483374.2	4689598



44	487048.47	4688886.7	94	485886.4	4689042	144	483285.6	4689542
45	487029.7	4688862.7	95	485838.2	4689039	145	483219.2	4689567
46	487012.5	4688840.2	96	485782.5	4689047	146	483137.3	4689598
47	486992.11	4688817.8	97	485733.9	4689085	147	483083.8	4689619
48	486968.46	4688803.2	98	485681.4	4689048	148	483009.8	4689650
49	486946.42	4688787	99	485639.7	4688994	149	482942.6	4689679
50	486914.91	4688766	100	485595.2	4688949	150	482780.5	4689740
151	482748.68	4689764.6	201	479646.4	4689540	251	478139.5	4688836
152	482729.76	4689779.2	202	479612	4689540	252	478109.7	4688805
153	482673.8	4689812.9	203	479581.6	4689537	253	478079.7	4688786
154	482641.5	4689860.2	204	479568.6	4689516	254	478051.4	4688767
155	482568.55	4689867.3	205	479539.7	4689500	255	478019.9	4688739
156	482549.5	4689869.2	206	479515.9	4689492	256	477986.8	4688723
157	482448.14	4689879.1	207	479485.7	4689477	257	477955.2	4688711
158	482364.32	4689898.3	208	479467.2	4689470	258	477931.4	4688705
159	482328.85	4689906.4	209	479434.2	4689463	259	477901.3	4688701
160	482294.28	4689914.3	210	479405.2	4689452	260	477861.7	4688691
161	482271.54	4689911.3	211	479386.9	4689439	261	477836.4	4688685
162	482172.35	4689898.2	212	479364.7	4689413	262	477798.3	4688679
163	482039.94	4689880.7	213	479342.2	4689413	263	477764.9	4688684
164	481850.02	4689825.5	214	479314.3	4689418	264	477737.9	4688687
165	481572.57	4689821.4	215	479261.3	4689427	265	477706.1	4688691
166	481522.2	4689816	216	479228.3	4689417	266	477671.1	4688692
167	481374.92	4689800.3	217	479199.4	4689401	267	477633	4688696
168	481327.18	4689810.3	218	479177.1	4689379	268	477598.1	4688693
169	481260.64	4689843.9	219	479152.3	4689351	269	477584	4688674
170	481194.13	4689874.9	220	479112.9	4689327	270	477565.1	4688659
171	481166.78	4689951.3	221	479085.3	4689311	271	477542.9	4688654
172	481111.09	4690027.5	222	479036	4689311	272	477520.9	4688638
173	481088.95	4690058	223	479018.8	4689309	273	477495.6	4688625
174	480987.58	4690039.4	224	478901	4689207	274	477462.4	4688618
175	480781.35	4690046.1	225	478869.5	4689180	275	477448.3	4688597
176	480630.27	4690051	226	478854.6	4689172	276	477435.6	4688596
177	480629.68	4690050.9	227	478839.7	4689164	277	477408.4	4688616
178	480572.7	4690041.9	228	478827.4	4689129	278	477389.3	4688622
179	480522.31	4690007.4	229	478799.1	4689111	279	477373.5	4688612
180	480466.53	4689973.5	230	478751.7	4689085	280	477370.6	4688593
181	480397.51	4689931.5	231	478718.6	4689069	281	477372.4	4688571
182	480362.6	4689910.3	232	478666	4689071	282	477366.3	4688549
183	480301.47	4689888.4	233	478645.1	4689059	283	477360.2	4688533
184	480191.5	4689880.8	234	478635.3	4689054	284	477352.2	4688499
185	480093.7	4689891.1	235	478608.2	4689040	285	477332.5	4688483
186	480083.42	4689892.2	236	478597	4689005	286	477318.9	4688486
187	480002.7	4689920.5	237	478579.8	4688986	287	477306.3	4688482
188	479846.43	4689901.1	238	478538.8	4688965	288	477298.5	4688472
189	479653.23	4689877	239	478500.7	4688961	289	477294.6	4688464



190	479673.28	4689840.3	240	478442.2	4688940	290	477289.1	4688456
191	479672.32	4689809.8	241	478427.3	4688928	291	477278.8	4688456
192	479673.93	4689784.7	242	478382.8	4688940	292	477255	4688452
193	479698.02	4689762.5	243	478362.2	4688937	293	477211.6	4688451
194	479700.9	4689742.7	244	478335.3	4688927	294	477179.2	4688452
195	479690.64	4689714.8	245	478300.4	4688925	295	477152	4688461
196	479702.95	4689680.5	246	478276.7	4688915	296	477129.4	4688464
197	479692.85	4689639.3	247	478246.7	4688901	297	477109.7	4688451
198	479689.36	4689598.3	248	478218.2	4688899	298	477095.4	4688435
199	479676.33	4689580.9	249	478178.5	4688892	299	477078.9	4688428
200	479663.36	4689558.3	250	478159.7	4688871	300	477068.2	4688436
301	477050.96	4688440.2	351	476191	4688126	401	475536.1	4687580
302	477043.12	4688432.2	352	476194.3	4688106	402	475442.1	4687751
303	477029.27	4688428	353	476197	4688090	403	475399.8	4687831
304	477009.38	4688431.1	354	476195.5	4688084	404	475378.9	4687900
305	476996.21	4688425.7	355	476185.2	4688076	405	475337.9	4687964
306	476982.49	4688410.9	356	476182.2	4688066	406	475313.2	4688000
307	476970.68	4688402.2	357	476170.4	4688054	407	475300.1	4688030
308	476949.65	4688390	358	476156.1	4688036	408	475257.9	4688104
309	476934.47	4688387.2	359	476135.8	4688016	409	474991.3	4688211
310	476915.1	4688402.9	360	476115.2	4688018	410	474956.2	4688221
311	476896.47	4688411.2	361	476094.9	4688006	411	474750.3	4688283
312	476877.81	4688422.3	362	476092.4	4687987	412	474706.4	4688302
313	476870.38	4688435.4	363	476091.5	4687956	413	474674.5	4688315
314	476858.3	4688449.8	364	476078.4	4687948	414	474624.6	4688326
315	476841.7	4688454.9	365	476057.8	4687951	415	474581.2	4688325
316	476743.68	4688480.9	366	476039.3	4687949	416	474530.5	4688317
317	476724.53	4688478	367	476028.9	4687930	417	474460.2	4688313
318	476699.52	4688466.5	368	476016.6	4687909	418	474460.2	4688313
319	476674.51	4688455	369	476002.2	4687897	419	474402.7	4688292
320	476646.13	4688448.7	370	475983	4687901	420	474380.6	4688282
321	476614.49	4688438.4	371	475967.8	4687898	421	474356.3	4688280
322	476586.2	4688424.8	372	475945.4	4687889	422	474330.7	4688297
323	476561.87	4688411.9	373	475926.6	4687886	423	474300.9	4688350
324	476545.52	4688395.9	374	475907.1	4687882	424	474287.4	4688362
325	476533.16	4688377.9	375	475895.9	4687874	425	474260.9	4688391
326	476518.82	4688359.2	376	475888.9	4687848	426	474234.3	4688430
327	476502.89	4688363.6	377	475882.6	4687826	427	474214.8	4688455
328	476472.26	4688376.9	378	475874.1	4687820	428	474183.9	4688467
329	476454.36	4688369.3	379	475862.2	4687822	429	474165.7	4688474
330	476394.02	4688378.4	380	475843.6	4687823	430	474104.7	4688478
331	476361.88	4688369.2	381	475832.5	4687811	431	474084.1	4688468
332	476350	4688366.4	382	475821.2	4687781	432	474058.7	4688463
333	476330.83	4688365.6	383	475811.5	4687771	433	474004.3	4688462
334	476305.64	4688369.2	384	475785.4	4687761	434	473963.3	4688468
335	476283.8	4688369.6	385	475777.6	4687753	435	473915.7	4688479



336	476249.16	4688360.5	386	475769.8	4687737	436	473844.8	4688470
337	476230.33	4688360	387	475761.5	4687714	437	473787.9	4688470
338	476224.01	4688356.7	388	475753.2	4687692	438	473749.6	4688460
339	476217.75	4688349.5	389	475744	4687683	439	473728.6	4688452
340	476212.35	4688336	390	475718.9	4687676	440	473708	4688444
341	476214.09	4688322.5	391	475698.5	4687674	441	473692.2	4688440
342	476223.79	4688299.5	392	475684.5	4687679	442	473660.4	4688441
343	476244.05	4688273.6	393	475667.2	4687684	443	473642.9	4688443
344	476250.58	4688257.8	394	475640.1	4687687	444	473623.8	4688446
345	476245.98	4688244.2	395	475619.6	4687682	445	473595.1	4688461
346	476242.17	4688230.7	396	475610.5	4687670	446	473539.1	4688492
347	476238.46	4688208.4	397	475595.5	4687652	447	473504.5	4688512
348	476229.13	4688191.6	398	475576.5	4687633	448	473486.3	4688528
349	476214.33	4688166.9	399	475571.4	4687618	449	473439.3	4688589
350	476199.5	4688145.2	400	475562.6	4687592	450	473422.4	4688612
451	473400.7	4688630.4	501	472685	4689224	551	471922.5	4689827
452	473371.98	4688641.9	502	472653.8	4689229	552	471917.6	4689834
453	473341.6	4688659	503	472632.5	4689244	553	471907.7	4689845
454	473327.79	4688685.9	504	472605.7	4689271	554	471886.5	4689860
455	473330.03	4688697.8	505	472587.6	4689293	555	471877.7	4689866
456	473338.57	4688714.6	506	472571.5	4689304	556	471882.2	4689877
457	473337.01	4688743.8	507	472563.6	4689308	557	471884.1	4689883
458	473336.29	4688773.3	508	472556.3	4689309	558	471886.3	4689896
459	473335.14	4688803.5	509	472545.1	4689306	559	471886.2	4689905
460	473332.54	4688821.7	510	472535.9	4689300	560	471881.2	4689918
461	473320.54	4688829.5	511	472515.5	4689291	561	471874.9	4689929
462	473301.45	4688832.5	512	472504.9	4689289	562	471869.2	4689937
463	473283.15	4688835.4	513	472494.9	4689292	563	471863.1	4689948
464	473265.66	4688837.6	514	472489.6	4689298	564	471857.8	4689957
465	473245.75	4688842.9	515	472480.1	4689314	565	471853	4689960
466	473228.99	4688849.9	516	472471.3	4689332	566	471847.1	4689956
467	473219.23	4688869.6	517	472463.9	4689342	567	471845.6	4689949
468	473185.59	4688894.6	518	472450.5	4689347	568	471847.3	4689944
469	473154.52	4688895.5	519	472442.5	4689360	569	471850.9	4689939
470	473125.22	4688896.3	520	472430.7	4689372	570	471851.7	4689936
471	473109.34	4688896.9	521	472418.9	4689383	571	471849.5	4689934
472	473083.85	4688911.5	522	472408.2	4689388	572	471841.1	4689927
473	473075.75	4688924.6	523	472386.5	4689389	573	471838	4689925
474	473066.99	4688938.4	524	472369	4689391	574	471830.9	4689917
475	473054.25	4688952.8	525	472359.9	4689399	575	471818.4	4689896
476	473043.62	4688956.7	526	472348.1	4689413	576	471812.9	4689891
477	473027.11	4688953.8	527	472323.6	4689430	577	471801.4	4689885
478	473010.59	4688951.6	528	472304.2	4689443	578	471790.4	4689884
479	472997.3	4688956.1	529	472283.3	4689468	579	471776.1	4689883
480	472978.59	4688971.8	530	472261.9	4689487	580	471762.8	4689887
481	472963.07	4688998.1	531	472241.6	4689501	581	471751.6	4689890



482	472949.68	4689011.1	532	472195.2	4689537	582	471741.9	4689892
483	472929.68	4689024.1	533	472147.5	4689581	583	471718	4689893
484	472913.63	4689037.8	534	472130.2	4689612	584	471709.1	4689890
485	472908.1	4689058.3	535	472115.7	4689628	585	471697	4689885
486	472904.03	4689066.8	536	472086.8	4689661	586	471673.2	4689878
487	472899.86	4689088.9	537	472074.9	4689681	587	471660	4689876
488	472876.52	4689107.1	538	472062.5	4689703	588	471647.4	4689868
489	472865.94	4689126	539	472056.5	4689711	589	471628.6	4689857
490	472853.23	4689137.7	540	472051.8	4689712	590	471610.6	4689848
491	472845.84	4689146.9	541	472041.2	4689712	591	471603.7	4689847
492	472842.43	4689155.5	542	472029	4689714	592	471594.2	4689848
493	472833.67	4689168.6	543	472008.2	4689721	593	471583.1	4689854
494	472820.31	4689179.7	544	472000.2	4689729	594	471576.6	4689857
495	472795.68	4689192.6	545	471993.1	4689741	595	471564.5	4689862
496	472777	4689205	546	471984.1	4689752	596	471549.9	4689866
497	472745.89	4689209.3	547	471973.7	4689765	597	471533.3	4689868
498	472723.29	4689214.9	548	471963.2	4689781	598	471528.5	4689870
499	472710.03	4689217.4	549	471950.2	4689796	599	471513	4689875
500	472700.28	4689216.7	550	471934.1	4689814	600	471507.4	4689877
601	471499.3	4689889.7	651	470919.7	4689953	701	470341.1	4690068
602	471491.92	4689898.9	652	470910.9	4689965	702	470354.3	4690075
603	471487.25	4689902.1	653	470910.2	4689971	703	470370.1	4690085
604	471481.29	4689902	654	470909.1	4689979	704	470374.6	4690094
605	471468.15	4689894.6	655	470909	4689983	705	470375.8	4690105
606	471449.01	4689890.4	656	470906.6	4689991	706	470364.2	4690132
607	471425.93	4689883.5	657	470901.9	4689994	707	470334.2	4690167
608	471416.35	4689876.1	658	470898.3	4689994	708	470324.9	4690183
609	471402.86	4689865.7	659	470893.7	4689993	709	470326.3	4690199
610	471385.74	4689853.6	660	470891	4689992	710	470330.8	4690222
611	471362.53	4689847	661	470885.2	4689986	711	470328.4	4690256
612	471337.18	4689841.9	662	470881.9	4689981	712	470331.6	4690288
613	471321.95	4689837	663	470875	4689974	713	470331.8	4690310
614	471297.58	4689833	664	470868	4689967	714	470324.9	4690351
615	471261.11	4689843.1	665	470861.9	4689963	715	470321.1	4690374
616	471233.83	4689850.9	666	470851.5	4689957	716	470312.3	4690408
617	471213.96	4689851.9	667	470842.6	4689952	717	470300.4	4690440
618	471200.24	4689848.9	668	470829.8	4689947	718	470285.9	4690457
619	471186	4689844.2	669	470822.6	4689943	719	470274.6	4690472
620	471170.54	4689831.3	670	470816	4689935	720	470269.7	4690488
621	471165.9	4689820.4	671	470806.5	4689926	721	470268.1	4690504
622	471156.62	4689798.9	672	470781.2	4689917	722	470265.1	4690533
623	471148.65	4689789	673	470720.7	4689887	723	470260.6	4690550
624	471139.12	4689779.3	674	470670.1	4689871	724	470254.5	4690559
625	471129.13	4689773.9	675	470659.1	4689869	725	470221.2	4690589
626	471117.36	4689773.8	676	470630	4689872	726	470162.5	4690648
627	471117.36	4689773.8	677	470597	4689865	727	470156.2	4690657



628	471112.81	4689775.6	678	470578.5	4689861	728	470115.3	4690700
629	471101.64	4689780.3	679	470568.6	4689855	729	470078.8	4690752
630	471092.74	4689787	680	470554.2	4689842	730	470030.4	4690818
631	471078.27	4689793.1	681	470533.1	4689837	731	469993.8	4690867
632	471053.66	4689800.3	682	470504.1	4689836	732	469972.8	4690902
633	471023.2	4689809.9	683	470482.6	4689854	733	469955.9	4690940
634	471015.51	4689813.8	684	470462.1	4689855	734	469949.7	4690967
635	470986.93	4689828	685	470440.9	4689853	735	469933.3	4691012
636	470971.28	4689843.1	686	470430.3	4689853	736	469916	4691045
637	470964.13	4689852.1	687	470420.3	4689866	737	469914.7	4691063
638	470954.91	4689867.9	688	470425.3	4689887	738	469914.3	4691092
639	470948.26	4689881.5	689	470445.7	4689955	739	469913.2	4691141
640	470948.37	4689884.1	690	470448.2	4689966	740	469914.3	4691178
641	470949.86	4689891.7	691	470450.6	4689974	741	469906.7	4691202
642	470952.18	4689898.4	692	470443.4	4689981	742	469888.2	4691253
643	470953.03	4689900	693	470428.9	4689976	743	469872.7	4691280
644	470956.89	4689907.4	694	470413.1	4689969	744	469861.2	4691305
645	470956.85	4689911.4	695	470399.2	4689968	745	469859.6	4691327
646	470955.14	4689916	696	470386	4689971	746	469856.1	4691341
647	470950.36	4689921.7	697	470375.3	4689977	747	469847.2	4691365
648	470940.61	4689931.9	698	470363.8	4689997	748	469846.2	4691394
649	470935.75	4689936.7	699	470350.8	4690033	749	469843.6	4691406
650	470931.62	4689940.9	700	470341.9	4690056	750	469833.9	4691427
751	469830.97	4691436.2	801	468018.9	4693243	851	467692.8	4695881
752	469828.01	4691452	802	467964.1	4693408	852	467699	4695899
753	469826.66	4691465.5	803	467875.3	4693634	853	467711.5	4695915
754	469825.78	4691472.6	804	467780.4	4693844	854	467736.7	4695926
755	469830.06	4691480.2	805	467763.3	4693897	855	467793.8	4695936
756	469833.1	4691491.8	806	467755.9	4693960	856	467833.4	4695943
757	469836.3	4691512.9	807	467738.8	4694012	857	467855.4	4695956
758	469833.7	4691565.2	808	467695.5	4694038	858	467875.9	4695974
759	469823.69	4691609.4	809	467648.6	4694084	859	467918.6	4695987
760	469812.42	4691667.5	810	467588.2	4694159	860	467981.7	4696016
761	469790.41	4691739.3	811	467554.3	4694228	861	468021.2	4696052
762	469779.37	4691777.2	812	467538.6	4694260	862	468046	4696097
763	469760.82	4691824.7	813	467286.9	4694497	863	468050.5	4696127
764	469744.47	4691864.7	814	467292.8	4694527	864	468120.9	4696076
765	469724.83	4691914.2	815	467311.4	4694544	865	468154.3	4696068
766	469713.75	4691956.4	816	467384.8	4694582	866	468203.7	4696046
767	469705.81	4692000.8	817	467443.8	4694624	867	468254.2	4696147
768	469698.99	4692041	818	467565.6	4694725	868	468348.5	4696230
769	469695.51	4692066.3	819	467602.6	4694755	869	468434.8	4696316
770	469697.38	4692087.5	820	467620.5	4694784	870	468381.2	4696379
771	469706.47	4692124.7	821	467637.2	4694824	871	468343.2	4696458
772	469706.02	4692162.8	822	467640.7	4694886	872	468342.4	4696527
773	469704.56	4692197.7	823	467609.5	4695018	873	468346.5	4696622



774	469680.22	4692196.4	824	467630	4695074	874	468364.2	4696694
775	469650.62	4692192.8	825	467650.8	4695112	875	468395.2	4696760
776	469636.95	4692185.3	826	467656.6	4695152	876	468452.7	4696822
777	469624.44	4692168.2	827	467636.2	4695269	877	468448.8	4696982
778	469613.02	4692149	828	467632.4	4695341	878	468450.9	4697085
779	469416.62	4692146.2	829	467644.4	4695398	879	468503	4697161
780	469241.96	4692144.1	830	467642.4	4695421	880	468544.8	4697258
781	469118.81	4692150.6	831	467638.9	4695461	881	468602.5	4697411
782	469023.45	4692157.4	832	467617.5	4695528	882	468655.7	4697669
783	468963.91	4692156.7	833	467601.1	4695570	883	468677.9	4697922
784	468912.4	4692148.2	834	467596	4695597	884	468720.3	4698022
785	468865	4692127.8	835	467605.3	4695620	885	468799	4698087
786	468825.4	4692119.3	836	467620.9	4695637	886	468789.7	4698198
787	468718.27	4692114.1	837	467639.9	4695649	887	468760.9	4698285
788	468654.76	4692113.4	838	467642.9	4695660	888	468668.7	4698363
789	468519.75	4692115.8	839	467625.2	4695680	889	468600.3	4698412
790	468448.16	4692126.8	840	467601.1	4695704	890	468632.8	4698490
791	468312.68	4692168.9	841	467585.2	4695723	891	468634.9	4698535
792	468200.97	4692215.2	842	467580.1	4695751	892	468595	4698553
793	468097.49	4692237.8	843	467603.4	4695788	893	468539.1	4698581
794	468034.12	4692225.2	844	467622.3	4695799	894	468406.8	4698745
795	467814.48	4692220.3	845	467654.1	4695796	895	468432.7	4698855
796	467797.04	4692554.6	846	467678	4695795	896	468421.3	4698931
797	467835.16	4692637.8	847	467696.9	4695803	897	468424.1	4699028
798	467930.7	4692846.3	848	467707.9	4695816	898	468431	4699111
799	467923.98	4693036.8	849	467707.6	4695835	899	468457.7	4699203
800	468013.99	4693101.2	850	467694.7	4695857	900	468695	4698985
901	469257.44	4698874.9	951	471509.9	4702938	1001	469378.9	4706949
902	469549.41	4698804.2	952	471481.1	4702961	1002	469402.5	4706967
903	469920.08	4698792.7	953	471414.6	4702938	1003	469422.8	4706994
904	470321.89	4698834.5	954	471322.6	4702932	1004	469439.8	4707029
905	470602.28	4698848.4	955	471278.2	4702930	1005	469475.9	4707065
906	470839.88	4698898.8	956	471235.4	4702925	1006	469495.1	4707080
907	471071.83	4698980.9	957	471170.7	4702914	1007	469514.1	4707106
908	471539.07	4699309.3	958	471136.2	4702923	1008	469524.3	4707140
909	471641.06	4699638.7	959	471091	4702944	1009	469532.7	4707208
910	471675.81	4699835	960	471033.8	4702962	1010	469548.7	4707258
911	471662.66	4700051.9	961	470977.7	4703009	1011	469563	4707334
912	471596.92	4700240.6	962	470861.7	4703084	1012	469578.3	4707386
913	471568.62	4700305.9	963	470816.3	4703115	1013	469590.6	4707408
914	471477.69	4700296.4	964	470753.1	4703173	1014	469631.7	4707456
915	471426.61	4700319.1	965	470714.5	4703295	1015	469646.5	4707480
916	471388.03	4700358.8	966	470549	4703868	1016	469686	4707498
917	471325.91	4700419.5	967	470490.2	4704008	1017	469760.3	4707522
918	471312.46	4700482.9	968	470477.8	4704056	1018	469820.3	4707555
919	471318.16	4700538	969	470425	4704154	1019	469858.2	4707568



920	471334.35	4700601.7	970	470405.9	4704198	1020	469893	4707582
921	471319.08	4700639.6	971	470394.7	4704252	1021	469934.9	4707596
922	471274.1	4700683.6	972	470379.2	4704334	1022	469970.3	4707601
923	471256.16	4700768	973	470351.4	4704450	1023	469995.6	4707609
924	471250.96	4700850.6	974	470333.8	4704591	1024	470013.3	4707633
925	471254.34	4700922.6	975	470314.5	4704628	1025	470046.5	4707693
926	471188.49	4700940.9	976	470266.1	4704721	1026	470078.9	4707729
927	471082.76	4701002.2	977	470255.4	4704795	1027	470094.5	4707754
928	471026.85	4701030.6	978	470263.5	4704833	1028	470115.5	4707765
929	470966.57	4701204.6	979	470242.2	4704835	1029	470132.1	4707796
930	470947.33	4701265.2	980	470215.9	4704915	1030	470154.9	4707840
931	470930.33	4701360.3	981	470190.2	4705008	1031	470201.1	4707872
932	470955.43	4701513.9	982	470157.1	4705115	1032	470269.4	4707912
933	471075.66	4701642.4	983	470028.8	4705228	1033	470309.4	4707936
934	471206.79	4701744.5	984	469968.3	4705307	1034	470356.3	4707961
935	471353.3	4701889.2	985	469927.6	4705390	1035	470379.4	4707975
936	471541.72	4702071.4	986	469918.8	4705465	1036	470406.7	4707990
937	471577.57	4702123.2	987	469933.7	4705545	1037	470431.9	4708010
938	471643.12	4702217.9	988	469956.8	4705605	1038	470444.8	4708023
939	471765.63	4702303.6	989	469980.2	4705644	1039	470449.4	4708037
940	471827.92	4702408.1	990	470035.2	4705689	1040	470478.7	4708068
941	471833.15	4702503.4	991	470071.9	4705721	1041	470506.4	4708095
942	471741.84	4702534.6	992	470084.6	4705764	1042	470537.4	4708113
943	471647.86	4702594.4	993	469986.1	4705981	1043	470561.5	4708139
944	471592.22	4702644.5	994	469894.6	4706169	1044	470595.5	4708175
945	471547.21	4702690.6	995	469854	4706244	1045	470615.2	4708205
946	471485.15	4702747	996	469695.8	4706474	1046	470631.3	4708233
947	471487.68	4702803.9	997	469267.3	4706858	1047	470642.7	4708253
948	471484.15	4702834	998	469262.6	4706868	1048	470652.4	4708274
949	471496.56	4702859.6	999	469313.7	4706918	1049	470651.5	4708290
950	471515.09	4702904.3	1000	469354.9	4706938	1050	470652.7	4708298
1051	470665.81	4708311.8	1101	469760.9	4710420	1151	468770.4	4710573
1052	470683.41	4708334.5	1102	469735.7	4710430	1152	468748	4710582
1053	470695	4708361.1	1103	469688.5	4710457	1153	468712.4	4710598
1054	470702.71	4708380.3	1104	469652.7	4710465	1154	468689.6	4710601
1055	470714.48	4708392.4	1105	469613	4710464	1155	468679.5	4710606
1056	470734.74	4708413.8	1106	469566.8	4710449	1156	468654.9	4710620
1057	470752.43	4708429.2	1107	469555.4	4710435	1157	468610.1	4710647
1058	470763.36	4708455.8	1108	469551.2	4710433	1158	468523.6	4710708
1059	470784.76	4708493.1	1109	469521.3	4710400	1159	468443.5	4710774
1060	470804.9	4708524.5	1110	469509.9	4710384	1160	468347.7	4710817
1061	470813.09	4708536.9	1111	469503.3	4710354	1161	468312.6	4710836
1062	470814.21	4708554.1	1112	469492	4710281	1162	468197.4	4710903
1063	470803.95	4708582.4	1113	469467.7	4710236	1163	468120.7	4710944
1064	470789.02	4708614	1114	469443.5	4710222	1164	467819.9	4711157
1065	470788.91	4708623.3	1115	469434.8	4710217	1165	467737.6	4711216



1066	470792.67	4708641.2	1116	469421.8	4710210	1166	467662.6	4711338
1067	470797.22	4708647.8	1117	469410.7	4710199	1167	467565.8	4711466
1068	470804.46	4708651.2	1118	469393.4	4710178	1168	467636.8	4711507
1069	470837.48	4708656.9	1119	469365.5	4710156	1169	467810.7	4711562
1070	470877.97	4708645.5	1120	469357.3	4710153	1170	467889.7	4711597
1071	470908.98	4708653.8	1121	469350	4710159	1171	468016.5	4711617
1072	470937.33	4708662.1	1122	469321.2	4710210	1172	468109	4711623
1073	470961.1	4708666.3	1123	469297.8	4710248	1173	468279.6	4711736
1074	471001.39	4708677.3	1124	469273.3	4710301	1174	468547.4	4711975
1075	470573.65	4709211.4	1125	469245.4	4710345	1175	468546.3	4711975
1076	470544.05	4709253.4	1126	469230.5	4710364	1176	468545.5	4711984
1077	470498.99	4709260.8	1127	469217.3	4710372	1177	468505.4	4712010
1078	470474.9	4709284.3	1128	469203.7	4710380	1178	468503.2	4712012
1079	470411.99	4709400.7	1129	469196.8	4710392	1179	468468.7	4712037
1080	470153.78	4709765.6	1130	469190.2	4710415	1180	468397.3	4712120
1081	470017.45	4710069.8	1131	469184.1	4710426	1181	468350	4712230
1082	470012.74	4710118	1132	469174	4710438	1182	468352.8	4712251
1083	470004.53	4710141.2	1133	469153.7	4710448	1183	468380	4712342
1084	469969.95	4710155.6	1134	469136.2	4710448	1184	468386.5	4712357
1085	469928.35	4710182.2	1135	469119.2	4710446	1185	468408.7	4712392
1086	469903.59	4710216.8	1136	469106.5	4710441	1186	468444.8	4712478
1087	469890.48	4710251.6	1137	469096.6	4710435	1187	468449.1	4712519
1088	469885.4	4710278.5	1138	469071.1	4710436	1188	468452.8	4712531
1089	469884.13	4710296.5	1139	469040.3	4710443	1189	468451.4	4712540
1090	469880.21	4710313.9	1140	469002.4	4710452	1190	468451.4	4712541
1091	469871.01	4710331.3	1141	468959.2	4710468	1191	468447.4	4712567
1092	469860.72	4710350.7	1142	468949.5	4710479	1192	468447.4	4712567
1093	469857.37	4710366.1	1143	468942.1	4710492	1193	468443.3	4712594
1094	469859.83	4710381.4	1144	468934.3	4710507	1194	468344.4	4712738
1095	469851.25	4710390.9	1145	468921.5	4710523	1195	468341.9	4712768
1096	469841.69	4710393.9	1146	468873.9	4710552	1196	468331.9	4712883
1097	469825.83	4710392.1	1147	468858	4710554	1197	468328.1	4712939
1098	469815.24	4710392	1148	468841	4710555	1198	468327.8	4712969
1099	469795.65	4710392.3	1149	468809.2	4710560	1199	468324.5	4712984
1100	469774.31	4710406.9	1150	468789.5	4710567	1200	468312.5	4713081
1201	468282.41	4713140.2	1251	469434.3	4717557	1301	473216.1	4721482
1202	468262.97	4713187.2	1252	469398.1	4717599	1302	473220.2	4721480
1203	468219.37	4713376.6	1253	469552.6	4717756	1303	473221.5	4721479
1204	468195.41	4713490.2	1254	469704.6	4717924	1304	473232	4721476
1205	468157.85	4713679.9	1255	469795.5	4718024	1305	473260.8	4721467
1206	468142.07	4713806.7	1256	469942.5	4718179	1306	473320.3	4721449
1207	468119.33	4713883.8	1257	470165.2	4718409	1307	473387.2	4721435
1208	468105.29	4713901.5	1258	470292.1	4718587	1308	473498.5	4721422
1209	468086.58	4713933.9	1259	470432.2	4718778	1309	473561.5	4721426
1210	468050.87	4713970.3	1260	470505.3	4718878	1310	473612.5	4721433
1211	468015.39	4714015.1	1261	470570.7	4718970	1311	473616.1	4721433



1212	467961.3	4714126.8	1262	470574.3	4718975	1312	473678	4721440
1213	467941.27	4714242.8	1263	470646.4	4719072	1313	473719.8	4721449
1214	467940.69	4714359.5	1264	470701.7	4719152	1314	473796.4	4721570
1215	467989.72	4714472.7	1265	470768.9	4719244	1315	473848.9	4721652
1216	468041.31	4714575.7	1266	470841	4719347	1316	473867.6	4721678
1217	468051.04	4714612.5	1267	470955.6	4719498	1317	473906.9	4721718
1218	468067.02	4714649	1268	471016	4719583	1318	473974	4721780
1219	468068.68	4714679.2	1269	471094.2	4719694	1319	474000.7	4721822
1220	468072.46	4714693.6	1270	471100.9	4719703	1320	474012.7	4721839
1221	468084.59	4714775.9	1271	471220	4719856	1321	474013.3	4721841
1222	468078.42	4714828.2	1272	471291.1	4719970	1322	474015.3	4721844
1223	468102.65	4714877.9	1273	471347.3	4720048	1323	474066.3	4721985
1224	468112.31	4714894.2	1274	471465.7	4720229	1324	474084.3	4722003
1225	468112.95	4714899.1	1275	471473.9	4720242	1325	474114.4	4722047
1226	468132.27	4714938.7	1276	471494.2	4720273	1326	474145.8	4722085
1227	468124.27	4715078.3	1277	471670.2	4720540	1327	474151.5	4722102
1228	468086.36	4715163.2	1278	471852.4	4720811	1328	474154.2	4722106
1229	468045.64	4715250.8	1279	471973.6	4720994	1329	474168.5	4722152
1230	467984.19	4715380.7	1280	472006.1	4721045	1330	474175.6	4722174
1231	467971.52	4715478.5	1281	472147.4	4721267	1331	474182.2	4722191
1232	467959.93	4715556.6	1282	472176.6	4721307	1332	474265.4	4722339
1233	467959.32	4715608.8	1283	472213	4721356	1333	474263.2	4722489
1234	468100.58	4715807.4	1284	472235.8	4721397	1334	474278	4722547
1235	468233.89	4715978.5	1285	472253.2	4721422	1335	474309.1	4722653
1236	468385.22	4716154.7	1286	472305.8	4721494	1336	474325.7	4722641
1237	468527.16	4716323.1	1287	472315.6	4721504	1337	474366.4	4722609
1238	468572.76	4716384.1	1288	472350.2	4721527	1338	474421.2	4722583
1239	468617.35	4716439.4	1289	472396.2	4721550	1339	474433.2	4722578
1240	468633.14	4716523.5	1290	472445	4721592	1340	474446.8	4722569
1241	468971.06	4716925.7	1291	472448.3	4721594	1341	474483.7	4722556
1242	468983.66	4716939.1	1292	472538.6	4721674	1342	474490.6	4722554
1243	469048.96	4717023.5	1293	472691.9	4721818	1343	474502.2	4722549
1244	469176.61	4717203.2	1294	472812.7	4721747	1344	474525.3	4722543
1245	469252.25	4717292.5	1295	472904.7	4721708	1345	474555.9	4722534
1246	469312.93	4717380.4	1296	472933.3	4721691	1346	474599.2	4722576
1247	469318.14	4717388	1297	473006.8	4721650	1347	474608.5	4722583
1248	469324.43	4717395.5	1298	473066.3	4721632	1348	474656.4	4722628
1249	469341.7	4717422.1	1299	473107.2	4721603	1349	474738.2	4722692
1250	469377.1	4717473.4	1300	473159.9	4721536	1350	474763.5	4722708
1351	474822.29	4722751.6	1401	475703.6	4724216	1451	477552.2	4725052
1352	474832.49	4722772.6	1402	475706.5	4724278	1452	477565.6	4725055
1353	474870.9	4722815.2	1403	475709.6	4724409	1453	477620.5	4725095
1354	474889.93	4722883.7	1404	475713.3	4724482	1454	477632.5	4725104
1355	474934.87	4722923	1405	475718.7	4724510	1455	477642.4	4725073
1356	474954.91	4722931.3	1406	475725.7	4724521	1456	477652.6	4725011
1357	474966.36	4722934.8	1407	475773.8	4724491	1457	477681.5	4724971



1358	475016.78	4722946	1408	475838.5	4724433	1458	477701.9	4724957
1359	475094.84	4722961.1	1409	475872.2	4724393	1459	477706.1	4724951
1360	475105.98	4722966.8	1410	475919.7	4724386	1460	477756.6	4724917
1361	475130.58	4722971.1	1411	475974.1	4724394	1461	477839.4	4724852
1362	475151.5	4722990.8	1412	476016.6	4724411	1462	477949.8	4724742
1363	475172.6	4723002.3	1413	476050.3	4724425	1463	478091	4724633
1364	475221.74	4723057.5	1414	476100.1	4724444	1464	478115.3	4724576
1365	475227.76	4723069.3	1415	476256	4724505	1465	478156.8	4724482
1366	475245.41	4723093.5	1416	476292.7	4724510	1466	478215.2	4724354
1367	475285.06	4723163.8	1417	476353.7	4724513	1467	478269.3	4724263
1368	475314.21	4723258.5	1418	476434.2	4724536	1468	478264.4	4724050
1369	475318.81	4723269.6	1419	476456.1	4724547	1469	478284.1	4723966
1370	475348.42	4723294.6	1420	476489	4724561	1470	478285.8	4723963
1371	475380.59	4723315.1	1421	476497.1	4724567	1471	478286.2	4723961
1372	475381.09	4723324.1	1422	476540.5	4724588	1472	478292.8	4723954
1373	475384.51	4723327.3	1423	476563.9	4724626	1473	478334.7	4723898
1374	475384.12	4723360.5	1424	476552.8	4724672	1474	478361.1	4723839
1375	475383.63	4723370	1425	476551.5	4724695	1475	478380.5	4723806
1376	475386.46	4723421.2	1426	476600.8	4724717	1476	478418.1	4723730
1377	475388.01	4723449.1	1427	476630.8	4724730	1477	478430.5	4723694
1378	475405.33	4723555	1428	476697.9	4724744	1478	478436.7	4723577
1379	475407.25	4723566.7	1429	476823.2	4724774	1479	478444.9	4723552
1380	475402.95	4723572.4	1430	476863.2	4724798	1480	478445.2	4723546
1381	475402.82	4723583.6	1431	476866.2	4724801	1481	478463.2	4723496
1382	475373.81	4723610.7	1432	476870.9	4724803	1482	478465	4723491
1383	475344.39	4723649.4	1433	476950.4	4724882	1483	478477.4	4723428
1384	475300.61	4723727.5	1434	476961.7	4724892	1484	478478	4723383
1385	475293.15	4723829.1	1435	477004	4724926	1485	478457.7	4723290
1386	475293.2	4723831	1436	477014.4	4724934	1486	478451.3	4723236
1387	475328.74	4723931.6	1437	477069	4724968	1487	478462.4	4723170
1388	475367.3	4723981.5	1438	477091.1	4724979	1488	478478.6	4723127
1389	475402.55	4724008	1439	477146.9	4724999	1489	478534.4	4723056
1390	475414.93	4724013.9	1440	477214.8	4725020	1490	478599.5	4723026
1391	475481.46	4724039.6	1441	477292.6	4725085	1491	478686.1	4723013
1392	475496.74	4724048.4	1442	477301.5	4725092	1492	478740.3	4722975
1393	475515.8	4724054.4	1443	477319.1	4725093	1493	478905.4	4722904
1394	475584.1	4724093.1	1444	477357.7	4725086	1494	479048.7	4722869
1395	475659.32	4724148.5	1445	477407.6	4725075	1495	479114.6	4722861
1396	475659.34	4724148.5	1446	477480.4	4725053	1496	479166.6	4722858
1397	475667.81	4724154.1	1447	477507.8	4725042	1497	479357	4722861
1398	475676.16	4724168.4	1448	477513.1	4725043	1498	479495	4722795
1399	475689.72	4724184.5	1449	477521.8	4725041	1499	479547.2	4722786
1400	475692.05	4724195.8	1450	477531.2	4725044	1500	479609.1	4722766
1501	479635.36	4722751.6	1551	481335.3	4717707	1601	480928.3	4716465
1502	479853.02	4722587	1552	481361.2	4717679	1602	480833	4716509
1503	479934.89	4722509.7	1553	481389	4717613	1603	480719.8	4716540



1504	479992.48	4722435.2	1554	481435	4717533	1604	480718.8	4716541
1505	480044.17	4722255.7	1555	481500.1	4717441	1605	480633.3	4716551
1506	480088.62	4722126	1556	481515	4717382	1606	480593.2	4716537
1507	480084.22	4722080.4	1557	481515.6	4717330	1607	480527.1	4716510
1508	480074.06	4722044.3	1558	481516.7	4717238	1608	480499	4716497
1509	480038.41	4722016.4	1559	481515.2	4717159	1609	480439.9	4716469
1510	479931.13	4721960.1	1560	481520.6	4717105	1610	480418.9	4716446
1511	479710.7	4721807.2	1561	481528.7	4717091	1611	480397.7	4716423
1512	479650.01	4721749.3	1562	481527.8	4717088	1612	480386.2	4716394
1513	479577.48	4721665.7	1563	481530.5	4717046	1613	480372.7	4716337
1514	479507.46	4721545.8	1564	481539.2	4717022	1614	480340.6	4716242
1515	479479.27	4721468.7	1565	481552.5	4716974	1615	480310.6	4716168
1516	479474.7	4721407.8	1566	481561.8	4716900	1616	480305.3	4716164
1517	479478.88	4721278.2	1567	481573.6	4716840	1617	480269.6	4716152
1518	479504.72	4721106.6	1568	481566.7	4716814	1618	480217.1	4716120
1519	479552.09	4720880.4	1569	481555.9	4716731	1619	480215.6	4716118
1520	479577.57	4720821	1570	481554.2	4716674	1620	480178.5	4716115
1521	479698.17	4720632.3	1571	481552.4	4716624	1621	480119.1	4716126
1522	479760.39	4720516.6	1572	481546	4716562	1622	480073.7	4716158
1523	479768.95	4720463.8	1573	481537.1	4716515	1623	479997.2	4716205
1524	479731.4	4720283.5	1574	481531.1	4716498	1624	479954.2	4716238
1525	479634.62	4719944.9	1575	481529.2	4716496	1625	479909.1	4716239
1526	479614.53	4719874.7	1576	481526.3	4716489	1626	479816.6	4716245
1527	479627.46	4719809.1	1577	481525	4716487	1627	479759.7	4716245
1528	479791.93	4719735.2	1578	481520.7	4716478	1628	479700.3	4716249
1529	479918.31	4719675.1	1579	481515.7	4716470	1629	479643.3	4716258
1530	480135.01	4719572.6	1580	481510.1	4716463	1630	479582.7	4716270
1531	480256.96	4719509.5	1581	481504.1	4716456	1631	479580.2	4716213
1532	480333.68	4719469.8	1582	481498	4716449	1632	479578	4716137
1533	480365.62	4719229.4	1583	481512.3	4716440	1633	479588.9	4716017
1534	480382.72	4719126.5	1584	481502.8	4716403	1634	479633.8	4715964
1535	480461.56	4718947.5	1585	481520.1	4716349	1635	479707.2	4715905
1536	480528.75	4718858.3	1586	481511.2	4716294	1636	479726.3	4715864
1537	480735.45	4718437.4	1587	481491.1	4716192	1637	479739.4	4715825
1538	480760.47	4718385.6	1588	481474	4716129	1638	479739.3	4715802
1539	480790.41	4718305.4	1589	481471.6	4716126	1639	479706.5	4715775
1540	480810.36	4718282.4	1590	481415.6	4716185	1640	479663.2	4715748
1541	480857.02	4718185.9	1591	481372.1	4716257	1641	479568.3	4715713
1542	480951.64	4718081.7	1592	481345.5	4716275	1642	479514.5	4715676
1543	480985.18	4718064.6	1593	481308.4	4716277	1643	479481.8	4715649
1544	481060.64	4718028	1594	481290.2	4716268	1644	479440	4715600
1545	481125.68	4717996.4	1595	481243.6	4716267	1645	479396	4715524
1546	481184.85	4717952.9	1596	481200.9	4716274	1646	479381	4715442
1547	481229.01	4717907.6	1597	481138.9	4716306	1647	479390.8	4715290
1548	481269.89	4717858.2	1598	481098.1	4716333	1648	479399.4	4715202
1549	481308.53	4717799.4	1599	481067.2	4716353	1649	479403.7	4715158



1550	481329.99	4717741.9	1600	480983.6	4716401	1650	479406	4715133
1651	479417.26	4715075.9	1701	479131.1	4711681	1751	480552.4	4707675
1652	479451.32	4714991.6	1702	479153.8	4711634	1752	480620.5	4707515
1653	479483.94	4714917.9	1703	479186.2	4711564	1753	480738.1	4707410
1654	479516.03	4714866.8	1704	479202.5	4711527	1754	480886.3	4707337
1655	479586.71	4714795.7	1705	479237.5	4711477	1755	480921.9	4707324
1656	479721.81	4714693.5	1706	479237.9	4711476	1756	481007	4707283
1657	479747.42	4714674.1	1707	479254.5	4711404	1757	481066.3	4707264
1658	479814.23	4714625.1	1708	479258.8	4711306	1758	481124.3	4707237
1659	479848.64	4714578.9	1709	479278.3	4711265	1759	481225.3	4707198
1660	479879.43	4714500.8	1710	479295.3	4711258	1760	481342	4707159
1661	479872.95	4714376.9	1711	479318.9	4711242	1761	481391.5	4707117
1662	479851.93	4714275	1712	479352	4711231	1762	481417.9	4707099
1663	479807.4	4714147.5	1713	479363.3	4711225	1763	481424.9	4707092
1664	479756.21	4714046.9	1714	479375.1	4711210	1764	481429.7	4707090
1665	479659.28	4713920.4	1715	479391.9	4711164	1765	481471.2	4707061
1666	479568.36	4713806.2	1716	479412.1	4711130	1766	481607.9	4706993
1667	479522.1	4713690.6	1717	479447.8	4711096	1767	481742.4	4706947
1668	479451.86	4713478.1	1718	479477.6	4711075	1768	481750.8	4706943
1669	479429.37	4713358.7	1719	479520.8	4711058	1769	481874.2	4706890
1670	479433.17	4713260.9	1720	479641	4710996	1770	481970.8	4706845
1671	479447.41	4713175	1721	479708.6	4710920	1771	482024.7	4706774
1672	479473.76	4713072.2	1722	479734.6	4710867	1772	482076.6	4706660
1673	479489.13	4713002.2	1723	479751.6	4710773	1773	482163.9	4706494
1674	479496.47	4712941.5	1724	479755.8	4710686	1774	482214.6	4706426
1675	479480.79	4712813	1725	479745.5	4710611	1775	482267.7	4706350
1676	479438.06	4712734.4	1726	479748.4	4710573	1776	482292.5	4706314
1677	479366.09	4712667.4	1727	479759.1	4710540	1777	482307.2	4706294
1678	479266.8	4712645.5	1728	479784.8	4710478	1778	482373	4706190
1679	479242.14	4712637.1	1729	479796.2	4710436	1779	482398.3	4706144
1680	479170.59	4712620.1	1730	479804	4710323	1780	482446.6	4706037
1681	479107.7	4712590.9	1731	479850.6	4710178	1781	482476.9	4705957
1682	479029.35	4712533	1732	479869.7	4710127	1782	482503.6	4705912
1683	478989.01	4712469.3	1733	479936.9	4710006	1783	482524	4705867
1684	478964.36	4712415.3	1734	479950.6	4709985	1784	482595.8	4705734
1685	478952.5	4712348.8	1735	479991.7	4709943	1785	482632.3	4705649
1686	478938.71	4712275.3	1736	480034.1	4709909	1786	482732.2	4705436
1687	478932.92	4712253	1737	480070.5	4709885	1787	482733.5	4705433
1688	478933.81	4712249.3	1738	480206.3	4709782	1788	482769.9	4705356
1689	478931.68	4712237.9	1739	480256.2	4709729	1789	482796.6	4705310
1690	478944.28	4712205.4	1740	480291.2	4709583	1790	482816.9	4705272
1691	478956.2	4712155.5	1741	480324	4709358	1791	482827.7	4705257
1692	478961.5	4712121.3	1742	480333.3	4709251	1792	482841.4	4705232
1693	478987.46	4712064.7	1743	480321.8	4709014	1793	482856.1	4705218
1694	478988.17	4712004.6	1744	480321.3	4708917	1794	482881.2	4705184
1695	479017.44	4711935.4	1745	480319	4708866	1795	482929	4705147



1696	479049.42	4711904.2	1746	480367.2	4708747	1796	483034	4705094
1697	479097.36	4711860.5	1747	480386.5	4708698	1797	483158.1	4705023
1698	479113.75	4711841.3	1748	480465.9	4708500	1798	483422.1	4704884
1699	479129.8	4711790.3	1749	480510.1	4708344	1799	483424.8	4704883
1700	479130.01	4711772.3	1750	480532.2	4707877	1800	483446.3	4704871
1801	483500.44	4704842.1	1851	486110.2	4703461	1901	486720.4	4704861
1802	483588.03	4704806.5	1852	486116.4	4703471	1902	486776.1	4704903
1803	483720.17	4704750.9	1853	486126.3	4703473	1903	486804.4	4704914
1804	483730.66	4704750.5	1854	486149.6	4703517	1904	486864.2	4704934
1805	483807.99	4704727.7	1855	486157.3	4703543	1905	486921.2	4704928
1806	483816.57	4704698.1	1856	486162.5	4703572	1906	486987.9	4704904
1807	483838.25	4704633	1857	486181	4703623	1907	487021.8	4704895
1808	483839.41	4704629.7	1858	486183.4	4703653	1908	487053.4	4704884
1809	483845.98	4704594.9	1859	486187.3	4703661	1909	487143.3	4704857
1810	483865.51	4704547.7	1860	486209	4703675	1910	487287.6	4704817
1811	483871.16	4704540.8	1861	486222	4703677	1911	487311.2	4704815
1812	483874.36	4704531.8	1862	486257.6	4703681	1912	487343.1	4704807
1813	483886.27	4704522.3	1863	486292.5	4703684	1913	487431.7	4704798
1814	483904	4704500.7	1864	486316.8	4703688	1914	487466.3	4704799
1815	483974.17	4704447.8	1865	486328.8	4703688	1915	487506.9	4704795
1816	483987.19	4704416.3	1866	486332.4	4703691	1916	487524.4	4704800
1817	484038.85	4704352.7	1867	486347.2	4703694	1917	487573.9	4704806
1818	484040.41	4704350	1868	486353.7	4703707	1918	487605.2	4704829
1819	484042.39	4704348.4	1869	486353.9	4703708	1919	487645.8	4704870
1820	484060.97	4704325.5	1870	486375.7	4703739	1920	487702.7	4704898
1821	484102.54	4704284.9	1871	486403.4	4703797	1921	487709.3	4704900
1822	484140.85	4704253.7	1872	486423.7	4703853	1922	487713.4	4704957
1823	484146.09	4704253.8	1873	486427.4	4703861	1923	487736.6	4705007
1824	484149.93	4704250.1	1874	486461.2	4703953	1924	487791.8	4705074
1825	484236.48	4704247.1	1875	486548.9	4704020	1925	487795.1	4705078
1826	484271.81	4704212.6	1876	486605.9	4704055	1926	487795.4	4705078
1827	484320.73	4704169.6	1877	486642.6	4704097	1927	487816.8	4705104
1828	484360.04	4704157.3	1878	486655	4704107	1928	487880.4	4705163
1829	484363.3	4704155.2	1879	486664.9	4704123	1929	487923.4	4705219
1830	484391.99	4704147.4	1880	486699.4	4704167	1930	487923	4705349
1831	484410.35	4704141.7	1881	486701.8	4704181	1931	487925	4705380
1832	484492.13	4704109.3	1882	486702.5	4704182	1932	488004.7	4705421
1833	484578.83	4704056.3	1883	486703.5	4704190	1933	488023.8	4705428
1834	484629.8	4704041.8	1884	486708.3	4704218	1934	488066.1	4705425
1835	484684.2	4704005.2	1885	486708.1	4704231	1935	488110.4	4705420
1836	484721.39	4703981.2	1886	486713.8	4704281	1936	488167.5	4705408
1837	484743.5	4703972.7	1887	486704.8	4704309	1937	488249.8	4705393
1838	484748	4703970.1	1888	486703.9	4704319	1938	488258.5	4705401
1839	484811.52	4703945.5	1889	486696.7	4704335	1939	488267.7	4705399
1840	484859.08	4703933.4	1890	486676.7	4704398	1940	488313.2	4705425
1841	484897.05	4703930.7	1891	486647.1	4704477	1941	488322.2	4705425



1842	484969.44	4703901.5	1892	486601.9	4704609	1942	488347.4	4705426
1843	484978.74	4703897.4	1893	486595.9	4704630	1943	488363.5	4705407
1844	485096.01	4703847.7	1894	486581.5	4704671	1944	488392.4	4705369
1845	485206.61	4703806.8	1895	486536.2	4704813	1945	488455.8	4705348
1846	485322.81	4703749.2	1896	486552.7	4704813	1946	488526.8	4705334
1847	485418.05	4703715.6	1897	486600.1	4704814	1947	488533.2	4705332
1848	485545.01	4703672.8	1898	486653.8	4704818	1948	488555.1	4705322
1849	485662.37	4703639.4	1899	486694.7	4704834	1949	488722.6	4705187
1850	485837.22	4703556.1	1900	486712.6	4704856	1950	488791.6	4705146
1951	488799.72	4705140.1	2001	489848.9	4706679	2051	491756.9	4705836
1952	488853.9	4705102.8	2002	489876.4	4706694	2052	491756.9	4705839
1953	488866.19	4705099.9	2003	489934.8	4706719	2053	491756.9	4705839
1954	488884.92	4705088.2	2004	489953.3	4706725	2054	491763.3	4705937
1955	489017.29	4705103.2	2005	490086.4	4706725	2055	491808.7	4705984
1956	489052.47	4705119.5	2006	490138.4	4706715	2056	491853.5	4706026
1957	489062.34	4705121.1	2007	490191.4	4706690	2057	491907.2	4706064
1958	489065.53	4705121.5	2008	490242.7	4706667	2058	491981.9	4706102
1959	489144.83	4705124.6	2009	490300.6	4706631	2059	492001.7	4706128
1960	489145.19	4705247.2	2010	490349.8	4706624	2060	491971.3	4706241
1961	489174.19	4705280	2011	490378.9	4706613	2061	491952	4706265
1962	489211.83	4705312.5	2012	490444	4706582	2062	491947.7	4706274
1963	489265.08	4705354.2	2013	490447.2	4706580	2063	491945.4	4706279
1964	489315.17	4705395.9	2014	490520.5	4706542	2064	491922.9	4706348
1965	489349.52	4705419.4	2015	490573	4706505	2065	491906.2	4706425
1966	489439.01	4705452.3	2016	490584.8	4706490	2066	491909.9	4706472
1967	489443.04	4705455.5	2017	490608.7	4706453	2067	491929.1	4706514
1968	489466.15	4705460.9	2018	490655.5	4706362	2068	491959.5	4706554
1969	489481.12	4705485.9	2019	490679.6	4706307	2069	491969.6	4706562
1970	489496.02	4705497.8	2020	490690.8	4706281	2070	492076.5	4706611
1971	489490.48	4705541.9	2021	490700.1	4706255	2071	492108.1	4706625
1972	489490.28	4705559.2	2022	490710.1	4706237	2072	492162.6	4706642
1973	489486.67	4705572.3	2023	490741.4	4706165	2073	492198.4	4706662
1974	489482	4705609.5	2024	490815.2	4706071	2074	492209.8	4706703
1975	489473.56	4705636.3	2025	490820	4706066	2075	492168.6	4706866
1976	489473.06	4705679.1	2026	490824.1	4706061	2076	492161.4	4706968
1977	489475.77	4705717.1	2027	490859.1	4706028	2077	492139.3	4707134
1978	489503.16	4705757.7	2028	490901.6	4705984	2078	492075.9	4707205
1979	489519.36	4705773.1	2029	490974	4705951	2079	492075.6	4707227
1980	489523.23	4705784.5	2030	490979.7	4705948	2080	492121.7	4707335
1981	489534.86	4705800	2031	491116.3	4705880	2081	492122.6	4707339
1982	489533.72	4705815.4	2032	491162.4	4705848	2082	492125.7	4707346
1983	489538.15	4705828.5	2033	491207.4	4705788	2083	492141.1	4707384
1984	489528.52	4705889	2034	491262.7	4705728	2084	492176.5	4707596
1985	489527.27	4705907.4	2035	491271.7	4705712	2085	492190.6	4707681
1986	489526.86	4705942.8	2036	491304.2	4705619	2086	492260	4707866
1987	489569.31	4706046.3	2037	491336.5	4705562	2087	492265.9	4707879



1988	489582.42	4706062	2038	491352.7	4705549	2088	492298.4	4707941
1989	489638.59	4706080.1	2039	491360	4705539	2089	492282.7	4708025
1990	489719.4	4706108	2040	491370.6	4705535	2090	492335.3	4707995
1991	489747.54	4706144.9	2041	491390.7	4705518	2091	492392.3	4707980
1992	489748.3	4706149.7	2042	491454.3	4705494	2092	492402	4707978
1993	489755.12	4706156.7	2043	491475	4705492	2093	492420.3	4707970
1994	489757.53	4706219.9	2044	491492.4	4705484	2094	492445.3	4707966
1995	489731.2	4706308.1	2045	491631.3	4705486	2095	492503.3	4707950
1996	489727.03	4706393.4	2046	491675.3	4705521	2096	492569.8	4707944
1997	489725.69	4706507.2	2047	491676.8	4705527	2097	492641.1	4707955
1998	489747.26	4706579.7	2048	491678.3	4705528	2098	492716.9	4707959
1999	489756.83	4706603.1	2049	491678.3	4705533	2099	492833.8	4707983
2000	489799.91	4706647.2	2050	491750.3	4705813	2100	492885.4	4707992
2101	492892.87	4707994.4	2151	495293.1	4709238	2201	497970.8	4708540
2102	492914.68	4707998.8	2152	495326	4709211	2202	497989.1	4708542
2103	492943.69	4708008.1	2153	495362.6	4709176	2203	498145.2	4708599
2104	492995.67	4708022.1	2154	495439.6	4709082	2204	498259.3	4708632
2105	493050.24	4708039.2	2155	495527.8	4708972	2205	498388.1	4708658
2106	493071.67	4708042.8	2156	495537.7	4708960	2206	498479.2	4708659
2107	493112.36	4708045.7	2157	495625.9	4708831	2207	498503.3	4708651
2108	493129.45	4708052.4	2158	495668.3	4708803	2208	498556.7	4708621
2109	493162.99	4708057.9	2159	495682.8	4708786	2209	498578.2	4708600
2110	493245.89	4708095.4	2160	495746.3	4708762	2210	498661.1	4708547
2111	493344.92	4708184.5	2161	495829.4	4708729	2211	498673.4	4708545
2112	493363.49	4708197.2	2162	495928.1	4708676	2212	498722.5	4708527
2113	493379.35	4708215.5	2163	495955.4	4708648	2213	498793.2	4708531
2114	493384.6	4708220.2	2164	496009.3	4708545	2214	498825.7	4708527
2115	493482.47	4708326.4	2165	496043.4	4708503	2215	498917.4	4708528
2116	493548.32	4708402.2	2166	496087.9	4708458	2216	499046.9	4708533
2117	493553.85	4708408.1	2167	496137.4	4708434	2217	499281	4708523
2118	493619.81	4708478.3	2168	496170.8	4708435	2218	499392.5	4708524
2119	493643.62	4708493	2169	496221.8	4708430	2219	499445.4	4708523
2120	493689.07	4708501.4	2170	496272.4	4708447	2220	499549.4	4708517
2121	493720.3	4708501.7	2171	496412.4	4708475	2221	499572.2	4708495
2122	493734.84	4708509.8	2172	496572.6	4708415	2222	499623.6	4708423
2123	493745	4708511.7	2173	496600.5	4708416	2223	499641.5	4708411
2124	493759.63	4708523.5	2174	496629.2	4708417	2224	499672.2	4708380
2125	493761.13	4708524.4	2175	496636.1	4708416	2225	499737.6	4708353
2126	493836.4	4708575.8	2176	496639.8	4708417	2226	499789	4708346
2127	493902.11	4708633.5	2177	496666.4	4708418	2227	499792.1	4708346
2128	493990.28	4708663	2178	496738.6	4708444	2228	499893.5	4708325
2129	494059.41	4708698.6	2179	496778	4708446	2229	499988.8	4708285
2130	494113.36	4708729.2	2180	496822.5	4708428	2230	500055.4	4708261
2131	494191.75	4708764.2	2181	496864.7	4708408	2231	500083.7	4708245
2132	494206.03	4708772	2182	496936.2	4708364	2232	500163.7	4708195
2133	494246.18	4708793.9	2183	496957.4	4708356	2233	500178.2	4708192



2134	494298.3	4708815.2	2184	496962.5	4708353	2234	500188	4708186
2135	494373.53	4708869.8	2185	497045.1	4708316	2235	500235.7	4708176
2136	494413.23	4708916.8	2186	497095.7	4708317	2236	500242	4708177
2137	494419.63	4708917.8	2187	497152.6	4708315	2237	500261.9	4708177
2138	494451.99	4708918.2	2188	497194.4	4708317	2238	500266.1	4708182
2139	494521.46	4708925.3	2189	497237.7	4708315	2239	500269	4708183
2140	494581.37	4708938.7	2190	497336.7	4708342	2240	500326.3	4708249
2141	494666.49	4708958.7	2191	497360.6	4708352	2241	500336.8	4708260
2142	494748.45	4708978.6	2192	497408.2	4708362	2242	500361.8	4708290
2143	494855.4	4709024.1	2193	497445.4	4708389	2243	500384.9	4708317
2144	494898.79	4709055	2194	497453	4708395	2244	500431.2	4708359
2145	494906.51	4709059.1	2195	497552.3	4708463	2245	500527.6	4708437
2146	494916.22	4709067.4	2196	497643.3	4708547	2246	500596.1	4708523
2147	494968.27	4709104.5	2197	497721.9	4708554	2247	500602.2	4708536
2148	495018.86	4709154.8	2198	497880.5	4708529	2248	500613.9	4708549
2149	495093.14	4709218.1	2199	497960.1	4708539	2249	500648.6	4708635
2150	495123.96	4709229.6	2200	497968.8	4708539	2250	500655.9	4708678
2251	500660.51	4708694.2	2301	501237.1	4711830	2351	504192	4712966
2252	500660.39	4708704.7	2302	501270.8	4711904	2352	504241.7	4713046
2253	500664.62	4708729.8	2303	501327.6	4711970	2353	504280.3	4713129
2254	500670.5	4708764.8	2304	501354	4711996	2354	504291.4	4713155
2255	500660.63	4708806.5	2305	501395.8	4712011	2355	504366.7	4713291
2256	500661.88	4708846	2306	501455.9	4712025	2356	504369.8	4713296
2257	500655.91	4708904.1	2307	501498.4	4712039	2357	504372.4	4713301
2258	500658.03	4709057.8	2308	501563.2	4712040	2358	504402.5	4713355
2259	500674.03	4709144.4	2309	501645.3	4712041	2359	504459.4	4713492
2260	500717.13	4709254.5	2310	501737	4712042	2360	504479.5	4713538
2261	500763.47	4709346.7	2311	501907.8	4712035	2361	504534.4	4713648
2262	500832	4709432.9	2312	502002.5	4712047	2362	504595.6	4713740
2263	500881.75	4709528.4	2313	502031.1	4712048	2363	504619	4713762
2264	500951.13	4709636.1	2314	502172.8	4712055	2364	504689.3	4713742
2265	500963.2	4709683.8	2315	502235	4712076	2365	504781.1	4713723
2266	500969.73	4709709.6	2316	502246.9	4712083	2366	504870.9	4713707
2267	500974.05	4709719.1	2317	502283.3	4712096	2367	505023.1	4713667
2268	500975.88	4709733.9	2318	502309.6	4712117	2368	505038.7	4713661
2269	500979.55	4709748.5	2319	502322.7	4712125	2369	505139.5	4713624
2270	500991.37	4709851.1	2320	502419.6	4712185	2370	505205	4713574
2271	500996.91	4709899.1	2321	502462.3	4712199	2371	505276.4	4713534
2272	500999.73	4709923.6	2322	502528.3	4712229	2372	505344.7	4713499
2273	500980.33	4709987.2	2323	502644.9	4712265	2373	505454.3	4713471
2274	500986.53	4710008.7	2324	502774	4712304	2374	505578.4	4713461
2275	500995.61	4710035.5	2325	502896.9	4712344	2375	505705.6	4713441
2276	501013.23	4710056.5	2326	502910.3	4712350	2376	505880.1	4713411
2277	501029.23	4710067.6	2327	502915.3	4712352	2377	505971.2	4713409
2278	501117.66	4710120.6	2328	502952.8	4712370	2378	506010.1	4713404
2279	501117.73	4710120.7	2329	503019.5	4712402	2379	506116.6	4713384



2280	501121.05	4710122.3	2330	503104.4	4712435	2380	506231.9	4713374
2281	501183.26	4710208.4	2331	503160.2	4712474	2381	506373.7	4713370
2282	501204.64	4710271.9	2332	503191.9	4712489	2382	506503.8	4713350
2283	501205.55	4710292	2333	503290.9	4712534	2383	506540.6	4713333
2284	501206.1	4710293.9	2334	503331.8	4712559	2384	506574.2	4713309
2285	501216.39	4710350.3	2335	503391.1	4712586	2385	506611	4713269
2286	501227.73	4710478.3	2336	503408.1	4712590	2386	506676.3	4713217
2287	501229.1	4710540.2	2337	503500.7	4712613	2387	506694.5	4713202
2288	501231.43	4710645.7	2338	503540.6	4712627	2388	506778.2	4713117
2289	501227.75	4710778	2339	503610.4	4712646	2389	506843.9	4713050
2290	501225.55	4710898.6	2340	503712.1	4712667	2390	506895	4713030
2291	501218.41	4710937.1	2341	503926.7	4712711	2391	506925.1	4713011
2292	501214.73	4711024.4	2342	503945	4712718	2392	507002.2	4713003
2293	501169.25	4711128.2	2343	503956.6	4712723	2393	507053.9	4712997
2294	501126.21	4711292.1	2344	503983.1	4712726	2394	507103.1	4712992
2295	501127.02	4711333.6	2345	504061.7	4712759	2395	507151.1	4712952
2296	501131.24	4711377.9	2346	504111.8	4712804	2396	507182.1	4712916
2297	501172.51	4711526.2	2347	504148.9	4712867	2397	507209.5	4712872
2298	501184.82	4711592.6	2348	504154.1	4712879	2398	507224.2	4712848
2299	501187.18	4711634.7	2349	504156.1	4712882	2399	507251.3	4712804
2300	501206.19	4711748.3	2350	504164.8	4712904	2400	507254.6	4712796
2401	507277.62	4712732.6	2451	508767.8	4710637	2501	511044.8	4709333
2402	507289.72	4712677.1	2452	508797.9	4710590	2502	511075	4709319
2403	507291.61	4712639.3	2453	508830	4710550	2503	511240.7	4709246
2404	507290.09	4712518.2	2454	508843.5	4710529	2504	511342.8	4709214
2405	507282.18	4712438.4	2455	508862	4710516	2505	511364.5	4709204
2406	507302.01	4712370.1	2456	508881.7	4710497	2506	511397.1	4709179
2407	507309.69	4712303.9	2457	508930.9	4710472	2507	511427.7	4709154
2408	507313.4	4712294.6	2458	508962.9	4710455	2508	511529.4	4709049
2409	507313.96	4712246.9	2459	509015.3	4710428	2509	511619.1	4708975
2410	507356.12	4712176.5	2460	509104.5	4710376	2510	511621.6	4708973
2411	507406.76	4712138.7	2461	509127.2	4710366	2511	511621.8	4708973
2412	507488.97	4712097	2462	509142.6	4710359	2512	511624.7	4708972
2413	507592.63	4712036.9	2463	509181.9	4710337	2513	511728.5	4708939
2414	507648.49	4711999.4	2464	509245.1	4710323	2514	511790.7	4708916
2415	507696.57	4711967.1	2465	509270.6	4710315	2515	511912.3	4708876
2416	507724.96	4711944.7	2466	509276.2	4710316	2516	512033.6	4708854
2417	507761.41	4711904	2467	509276.8	4710315	2517	512140.2	4708826
2418	507774.15	4711886.3	2468	509374.5	4710293	2518	512248.5	4708805
2419	507817.84	4711816.7	2469	509477.8	4710190	2519	512265.3	4708799
2420	507826.54	4711798.8	2470	509482.2	4710188	2520	512315	4708775
2421	507881.9	4711688.5	2471	509526.5	4710144	2521	512341.8	4708751
2422	507887.61	4711672	2472	509556.1	4710142	2522	512377.1	4708699
2423	507894.06	4711664.3	2473	509559.3	4710140	2523	512388.9	4708677
2424	507899.15	4711654.1	2474	509725.2	4710128	2524	512444.3	4708623
2425	507946.91	4711577.2	2475	509749.7	4710118	2525	512462.8	4708612



2426	507990.64	4711503.9	2476	509891.6	4710054	2526	512467.5	4708608
2427	508019.56	4711436.2	2477	510006.5	4710002	2527	512544.8	4708562
2428	508021.48	4711430.4	2478	510006.7	4709982	2528	512637	4708513
2429	508056.37	4711315.8	2479	510006.8	4709974	2529	512702.2	4708472
2430	508066.55	4711269.7	2480	510005.5	4709971	2530	512733.6	4708444
2431	508085.02	4711204.9	2481	509963.2	4709919	2531	512750.5	4708402
2432	508074.09	4711131	2482	509949.2	4709851	2532	512791.9	4708353
2433	508063.18	4711054.1	2483	509962.3	4709790	2533	512806.1	4708330
2434	508067.64	4711031.2	2484	509962.6	4709783	2534	512820.3	4708272
2435	508061.64	4711003	2485	509977.3	4709702	2535	512898.5	4708231
2436	508074.32	4710971.1	2486	510017.5	4709659	2536	513045.5	4708213
2437	508217.39	4710887	2487	510086	4709603	2537	513103.3	4708206
2438	508272.91	4710789.6	2488	510145	4709598	2538	513195.1	4708156
2439	508285.25	4710773.8	2489	510218.2	4709574	2539	513232.1	4708118
2440	508290.98	4710764.5	2490	510301.2	4709548	2540	513233.1	4708117
2441	508295.89	4710760.1	2491	510431.5	4709511	2541	513279.5	4708068
2442	508303.54	4710750.3	2492	510468.1	4709509	2542	513333.5	4708042
2443	508312.25	4710745.6	2493	510559.8	4709501	2543	513375	4708020
2444	508356.63	4710706.2	2494	510645.1	4709478	2544	513502.9	4707990
2445	508430.81	4710674.6	2495	510700.8	4709458	2545	513567.4	4707975
2446	508484.41	4710652.7	2496	510748.2	4709447	2546	513633.5	4707949
2447	508510.04	4710638.8	2497	510840	4709419	2547	513679.1	4707928
2448	508623.61	4710636.2	2498	510875	4709403	2548	513730.3	4707885
2449	508682.03	4710654	2499	510952.8	4709367	2549	513736.8	4707879
2450	508729.24	4710654.5	2500	510953	4709367	2550	513757.6	4707846
2551	513785.34	4707743.3	2601	514822.6	4704934	2651	516173.6	4703036
2552	513790.33	4707716.3	2602	514850	4704866	2652	516155	4702956
2553	513821.25	4707443.6	2603	514900.8	4704775	2653	516098.1	4702821
2554	513823.18	4707410.6	2604	514914.6	4704745	2654	516088.3	4702792
2555	513825.45	4707296.5	2605	514934.8	4704687	2655	516056.3	4702713
2556	513822.75	4707288.6	2606	514976.9	4704617	2656	516027.4	4702663
2557	513789.82	4707223.2	2607	514977.6	4704558	2657	515951.6	4702585
2558	513643.65	4707103.4	2608	514981.3	4704499	2658	515896.6	4702490
2559	513630.89	4707098.5	2609	515005.4	4704455	2659	515836	4702434
2560	513622.59	4707051.2	2610	515032.3	4704400	2660	515795.9	4702399
2561	513635.16	4706986.4	2611	515034.2	4704315	2661	515801.1	4702326
2562	513647.84	4706912.7	2612	514987.3	4704239	2662	515801.1	4702323
2563	513672.33	4706839.2	2613	515082.4	4704184	2663	515801.8	4702261
2564	513708.52	4706774.7	2614	515122.8	4704147	2664	515808.2	4702225
2565	513750.58	4706713.2	2615	515149	4704120	2665	515813.4	4702152
2566	513774.82	4706660.3	2616	515165.1	4704108	2666	515832	4702062
2567	513794.02	4706626.4	2617	515174.9	4704099	2667	515837.2	4702019
2568	513795	4706623.3	2618	515184.9	4704094	2668	515837.6	4701984
2569	513796.75	4706621.5	2619	515191.7	4704089	2669	515861.7	4701943
2570	513807.99	4706601.7	2620	515259.1	4704041	2670	515921.7	4701864
2571	513863.43	4706555.6	2621	515325.2	4704001	2671	515996.6	4701771



2572	513863.84	4706555.2	2622	515389.1	4703963	2672	516038.6	4701756
2573	513864.32	4706554.9	2623	515410.6	4703948	2673	516082.9	4701734
2574	513867.62	4706552.2	2624	515416.5	4703946	2674	516153.8	4701722
2575	513953.96	4706491.2	2625	515439.7	4703928	2675	516180.3	4701717
2576	514076.14	4706395.2	2626	515461.6	4703926	2676	516207.2	4701685
2577	514114.97	4706357.3	2627	515479.1	4703919	2677	516240.4	4701623
2578	514249.76	4706193.5	2628	515502.2	4703912	2678	516276.4	4701579
2579	514369.44	4706059.1	2629	515548.4	4703899	2679	516336.1	4701518
2580	514480.03	4705945.3	2630	515551.6	4703898	2680	516425.7	4701436
2581	514590.99	4705799	2631	515585	4703874	2681	516430	4701435
2582	514634.41	4705770.8	2632	515600.8	4703854	2682	516433.9	4701430
2583	514646.61	4705756.2	2633	515684.2	4703724	2683	516462.5	4701422
2584	514675.89	4705750.9	2634	515684.2	4703724	2684	516485	4701413
2585	514692.02	4705744.1	2635	515736.3	4703644	2685	516550.2	4701393
2586	514772.49	4705731.3	2636	515807.6	4703558	2686	516605.8	4701373
2587	514817.17	4705717.8	2637	515821.8	4703535	2687	516649.7	4701340
2588	514834.42	4705686.7	2638	515822.3	4703532	2688	516666.5	4701294
2589	514844.07	4705618.9	2639	515823.2	4703454	2689	516705.8	4701218
2590	514850.05	4705588.3	2640	515844.7	4703384	2690	516759.1	4701204
2591	514860.79	4705498.4	2641	515873	4703330	2691	516800.4	4701204
2592	514877.4	4705402.1	2642	515882.8	4703309	2692	516835.8	4701208
2593	514876.28	4705349.5	2643	515886.6	4703305	2693	516866.1	4701192
2594	514865.58	4705297.3	2644	515905.1	4703269	2694	516931.4	4701134
2595	514851.83	4705211.6	2645	515985.3	4703226	2695	516957.3	4701122
2596	514800.33	4705072.2	2646	516032.8	4703211	2696	517048	4701074
2597	514800.67	4705042.9	2647	516075.2	4703192	2697	517053.9	4701070
2598	514799.53	4705038.9	2648	516080.8	4703187	2698	517082.9	4701036
2599	514800.78	4705033.8	2649	516112.9	4703148	2699	517100.9	4701012
2600	514801.09	4705007.2	2650	516161.2	4703065	2700	517114.7	4700977
2701	517119.6	4700927.7	2751	518639.9	4698516	2801	518110.9	4698547
2702	517114.77	4700836.1	2752	518641.9	4698506	2802	518071.7	4698560
2703	517127.45	4700762.4	2753	518642	4698496	2803	518062.6	4698566
2704	517165.96	4700751.1	2754	518638.6	4698493	2804	518054	4698576
2705	517234.21	4700722.3	2755	518632.5	4698493	2805	518049.2	4698583
2706	517267.43	4700671.1	2756	518624.1	4698493	2806	518041.4	4698589
2707	517280.03	4700638.6	2757	518617.2	4698493	2807	518028.6	4698597
2708	517285.58	4700622.6	2758	518614	4698491	2808	518023	4698606
2709	517309.71	4700578.6	2759	518605	4698490	2809	518019.4	4698615
2710	517342.92	4700517	2760	518595	4698491	2810	518016.1	4698624
2711	517373.06	4700464.2	2761	518580.7	4698493	2811	518011.2	4698649
2712	517391.5	4700402.4	2762	518571.1	4698495	2812	518007.5	4698669
2713	517392.2	4700343.3	2763	518568.4	4698501	2813	518009.2	4698684
2714	517392.79	4700293.2	2764	518566	4698505	2814	518009.1	4698692
2715	517425.89	4700240.4	2765	518565.9	4698512	2815	518006.1	4698701
2716	517439.6	4700233.7	2766	518566.6	4698520	2816	518002.8	4698711
2717	517450.49	4700221.7	2767	518569.1	4698535	2817	518000.7	4698731



2718	517484.95	4700211.5	2768	518570.4	4698543	2818	517995.3	4698739
2719	517577.77	4700242.4	2769	518572	4698554	2819	517988.7	4698740
2720	517592.68	4700262.1	2770	518570.6	4698558	2820	517981	4698739
2721	517593.91	4700263	2771	518566.3	4698564	2821	517975	4698736
2722	517628.85	4700304.8	2772	518560.5	4698569	2822	517969.2	4698734
2723	517694.15	4700276	2773	518553.3	4698571	2823	517957.9	4698729
2724	517732.9	4700244	2774	518543	4698573	2824	517946.4	4698722
2725	517795.18	4700221.1	2775	518529.5	4698572	2825	517934.5	4698715
2726	517857.59	4700186.4	2776	518520.8	4698569	2826	517929	4698712
2727	517920.03	4700148.8	2777	518511.5	4698566	2827	517912.1	4698705
2728	517958.9	4700107.9	2778	518492.7	4698569	2828	517896	4698703
2729	518003.77	4700058.2	2779	518481.1	4698574	2829	517873.2	4698705
2730	518064.06	4699952.7	2780	518473	4698577	2830	517857.5	4698709
2731	518130.26	4699847.2	2781	518464.9	4698581	2831	517841.9	4698716
2732	518175.68	4699750.3	2782	518457.5	4698583	2832	517823.4	4698725
2733	518209.41	4699644.4	2783	518452	4698583	2833	517814.3	4698729
2734	518246.22	4699526.7	2784	518447.6	4698581	2834	517806.6	4698738
2735	518268.38	4699400	2785	518444	4698578	2835	517804.5	4698744
2736	518273.14	4699246.5	2786	518435.4	4698571	2836	517799.7	4698777
2737	518282.8	4699178.7	2787	518410	4698566	2837	517798.8	4698794
2738	518301.41	4699102.2	2788	518398	4698565	2838	517798.3	4698806
2739	518320.03	4699025.6	2789	518370.7	4698568	2839	517794.2	4698821
2740	518377.61	4698899.4	2790	518348	4698574	2840	517790.5	4698828
2741	518464.58	4698785.2	2791	518330.1	4698581	2841	517777.4	4698843
2742	518467.34	4698785.7	2792	518317	4698582	2842	517762.7	4698859
2743	518471	4698780	2793	518289.1	4698576	2843	517753.7	4698868
2744	518578.43	4698802.9	2794	518270.3	4698570	2844	517742	4698874
2745	518612.95	4698792.7	2795	518225.2	4698558	2845	517732.7	4698878
2746	518637.23	4698753.3	2796	518199.8	4698548	2846	517725.4	4698877
2747	518659.36	4698671.5	2797	518189.7	4698539	2847	517717.2	4698874
2748	518652.08	4698615.9	2798	518178.1	4698534	2848	517708.9	4698872
2749	518636.79	4698555.3	2799	518163.6	4698536	2849	517702.2	4698869
2750	518639.68	4698536.7	2800	518130.1	4698542	2850	517697.7	4698866
2851	517685.19	4698861.2	2901	517344.2	4698952	2951	516916.1	4699000
2852	517680.44	4698860.3	2902	517338.9	4698950	2952	516906.7	4698997
2853	517672.52	4698858.5	2903	517319.5	4698944	2953	516895.8	4698995
2854	517664.74	4698858.6	2904	517292.1	4698935	2954	516882.3	4698996
2855	517658.69	4698860.1	2905	517271.9	4698926	2955	516862.7	4699000
2856	517652.31	4698863.3	2906	517259.4	4698923	2956	516840.2	4698998
2857	517645.74	4698868.2	2907	517254.3	4698924	2957	516795.4	4698989
2858	517640.14	4698872.3	2908	517250.1	4698928	2958	516769.2	4698985
2859	517631.68	4698875.3	2909	517247	4698938	2959	516757.5	4698989
2860	517624.53	4698876.7	2910	517245.2	4698949	2960	516747.9	4698994
2861	517615.78	4698878	2911	517244.9	4698961	2961	516742.3	4698999
2862	517607.67	4698878.9	2912	517248.4	4698974	2962	516739.1	4699006
2863	517598.31	4698878.1	2913	517253.5	4698993	2963	516737.5	4699020



2864	517588.53	4698876.1	2914	517252.7	4699013	2964	516736.5	4699022
2865	517579.44	4698876.9	2915	517252.4	4699041	2965	516734.3	4699029
2866	517574.34	4698878	2916	517249.4	4699046	2966	516723.8	4699055
2867	517567.65	4698880.6	2917	517239.3	4699051	2967	516720.1	4699063
2868	517561.64	4698885.6	2918	517232	4699051	2968	516713.1	4699072
2869	517558.81	4698888.9	2919	517222.9	4699051	2969	516705.8	4699080
2870	517554.81	4698891.4	2920	517221.3	4699051	2970	516692.5	4699093
2871	517548.11	4698894.8	2921	517213.7	4699048	2971	516689.1	4699093
2872	517540.92	4698898.7	2922	517205.3	4699043	2972	516685.1	4699092
2873	517535.18	4698900.6	2923	517194.5	4699036	2973	516681.1	4699091
2874	517526.27	4698902.7	2924	517179.3	4699029	2974	516675.5	4699087
2875	517519.42	4698904.3	2925	517173.2	4699029	2975	516679.2	4699103
2876	517510.05	4698903.9	2926	517163.4	4699029	2976	516677	4699111
2877	517499.13	4698907.8	2927	517153.4	4699031	2977	516676.4	4699120
2878	517492.96	4698911.3	2928	517143.9	4699030	2978	516672	4699135
2879	517481.57	4698921.4	2929	517135.9	4699027	2979	516671.6	4699170
2880	517467.93	4698933.4	2930	517121	4699022	2980	516669.8	4699184
2881	517459.65	4698940	2931	517098.4	4699013	2981	516663.2	4699207
2882	517451.64	4698946.5	2932	517086.8	4699011	2982	516660.4	4699221
2883	517446.34	4698947.2	2933	517075.6	4699008	2983	516663.4	4699232
2884	517438.66	4698947.4	2934	517066.5	4699007	2984	516664.4	4699240
2885	517433.91	4698946.3	2935	517055.7	4699008	2985	516661.1	4699249
2886	517427.35	4698941.7	2936	517036	4699011	2986	516658.4	4699258
2887	517419.49	4698936.6	2937	517022	4699015	2987	516648.2	4699263
2888	517404.71	4698916.9	2938	517014.4	4699026	2988	516640.8	4699266
2889	517397.55	4698914.2	2939	517012.2	4699033	2989	516631.2	4699274
2890	517391.41	4698914.6	2940	517009.8	4699040	2990	516619.3	4699293
2891	517386.31	4698916	2941	517006.6	4699044	2991	516612.8	4699304
2892	517381.82	4698919.8	2942	516999.6	4699048	2992	516608.4	4699318
2893	517377.51	4698925.9	2943	516992.1	4699051	2993	516607.8	4699327
2894	517375.96	4698932.2	2944	516980.4	4699055	2994	516609.3	4699336
2895	517378.29	4698941.7	2945	516971.5	4699057	2995	516610.4	4699348
2896	517373.9	4698946	2946	516964.1	4699057	2996	516608.3	4699365
2897	517367.85	4698949.1	2947	516959.2	4699053	2997	516605.6	4699378
2898	517365.38	4698949.9	2948	516955.2	4699051	2998	516603.5	4699395
2899	517358.59	4698951.3	2949	516951.1	4699046	2999	516601.1	4699410
2900	517351.38	4698952.2	2950	516931	4699020	3000	516598.5	4699418
3001	516593.68	4699421.7	3051	516453.7	4699983	3101	516072.5	4699574
3002	516585.37	4699425.7	3052	516458.1	4699989	3102	516072.3	4699552
3003	516572.78	4699432.8	3053	516459.1	4699998	3103	516066.2	4699529
3004	516566.38	4699439.1	3054	516456.4	4700004	3104	516060.2	4699501
3005	516562.94	4699446.5	3055	516454.1	4700013	3105	516059.4	4699480
3006	516561.52	4699471.8	3056	516456.2	4700022	3106	516055.3	4699464
3007	516561.71	4699487.1	3057	516460.2	4700058	3107	516046.5	4699448
3008	516560.49	4699496	3058	516462.4	4700091	3108	516027.2	4699423
3009	516554.08	4699502.6	3059	516462	4700101	3109	516024.7	4699415



3010	516535.25	4699519.6	3060	516457.8	4700106	3110	516019.1	4699393
3011	516513.1	4699533.5	3061	516446.2	4700108	3111	516007.3	4699363
3012	516496.92	4699546.3	3062	516441.4	4700102	3112	516002.9	4699335
3013	516489.37	4699554.4	3063	516433.1	4700084	3113	515995.7	4699315
3014	516486.66	4699563	3064	516422.1	4700072	3114	515989.5	4699300
3015	516488.02	4699574.1	3065	516406.5	4700060	3115	515972.2	4699293
3016	516487.47	4699589.4	3066	516395.5	4700050	3116	515944.8	4699280
3017	516486.13	4699608	3067	516388.2	4700039	3117	515916.5	4699256
3018	516485.27	4699618.5	3068	516382.4	4700023	3118	515878.7	4699225
3019	516481.46	4699625.1	3069	516375.8	4700014	3119	515867.2	4699212
3020	516473.19	4699631.4	3070	516373.9	4700001	3120	515865.2	4699200
3021	516459.29	4699640.5	3071	516368.5	4699967	3121	515861.2	4699182
3022	516454.69	4699652	3072	516356.7	4699934	3122	515849.7	4699174
3023	516449.23	4699664.2	3073	516351.7	4699912	3123	515834.4	4699167
3024	516448.73	4699679.1	3074	516345.4	4699905	3124	515823.5	4699155
3025	516449.85	4699691.9	3075	516333.8	4699903	3125	515817	4699138
3026	516450.7	4699701.1	3076	516313.7	4699903	3126	515806.6	4699122
3027	516449.95	4699710.6	3077	516302.6	4699900	3127	515793.6	4699111
3028	516447.04	4699715.3	3078	516283.7	4699884	3128	515778.5	4699097
3029	516443.12	4699724.2	3079	516269.1	4699868	3129	515763.7	4699090
3030	516434.42	4699734.9	3080	516250.2	4699847	3130	515744.8	4699085
3031	516422.84	4699747.1	3081	516222.3	4699837	3131	515728.8	4699077
3032	516417.32	4699757.6	3082	516196	4699820	3132	515718.2	4699072
3033	516415.68	4699762	3083	516169.2	4699809	3133	515712.9	4699059
3034	516417.81	4699769.9	3084	516155.5	4699805	3134	515713.9	4699047
3035	516424.03	4699781.1	3085	516150.8	4699796	3135	515712.7	4699034
3036	516432.79	4699792	3086	516146.1	4699787	3136	515707.8	4699020
3037	516438.15	4699795.3	3087	516133.1	4699775	3137	515690.3	4698997
3038	516441.26	4699801	3088	516123.7	4699763	3138	515672.2	4698985
3039	516447.28	4699807.1	3089	516121.1	4699755	3139	515655.7	4698983
3040	516466.46	4699823.6	3090	516120.2	4699746	3140	515637.1	4698985
3041	516472.08	4699831.9	3091	516123.6	4699733	3141	515609.4	4698993
3042	516474.84	4699840.5	3092	516127.5	4699718	3142	515570.4	4699016
3043	516475.31	4699854.5	3093	516125.5	4699706	3143	515547.4	4699027
3044	516475.93	4699882.1	3094	516114.6	4699692	3144	515511.2	4699029
3045	516472.11	4699909.7	3095	516106.8	4699680	3145	515470	4699024
3046	516468.78	4699932.8	3096	516096.9	4699664	3146	515431.3	4699017
3047	516466.1	4699939.1	3097	516091.8	4699649	3147	515390.6	4699021
3048	516462.97	4699951.8	3098	516091.9	4699635	3148	515369.5	4699029
3049	516456.08	4699967.7	3099	516082.7	4699613	3149	515356	4699048
3050	516452.62	4699976.2	3100	516076	4699595	3150	515332.9	4699062
3151	515316.93	4699071.5	3201	514848	4699221	3251	513979.9	4700677
3152	515308.47	4699089.2	3202	514836.8	4699189	3252	513851.9	4700666
3153	515291.83	4699099.2	3203	514816.1	4699151	3253	513675.4	4700643
3154	515277.86	4699100	3204	514802.8	4699128	3254	513627.6	4700658
3155	515230.85	4699118	3205	514782.9	4699112	3255	513536.7	4700692



3156	515221.3	4699120	3206	514775.9	4699105	3256	513390.7	4700745
3157	515206.45	4699123	3207	514770.2	4699094	3257	513347	4700761
3158	515199.01	4699125.1	3208	514763	4699075	3258	513230.9	4700777
3159	515189.45	4699128.1	3209	514756	4699062	3259	513154.6	4700789
3160	515184.68	4699129.1	3210	514753.7	4699054	3260	513086.3	4700787
3161	515184.47	4699146.6	3211	514752.9	4699034	3261	513008.6	4700784
3162	515187.46	4699162.5	3212	514750.7	4699019	3262	512942	4700778
3163	515192.49	4699184.8	3213	514745.6	4699008	3263	512885.1	4700752
3164	515195.39	4699208.1	3214	514740.2	4699000	3264	512843.3	4700721
3165	515196.27	4699223.5	3215	514731	4698990	3265	512814.2	4700693
3166	515196.12	4699235.6	3216	514722.5	4698985	3266	512793.2	4700681
3167	515190.09	4699254.1	3217	514717.8	4698981	3267	512758.8	4700679
3168	515184.07	4699270.4	3218	514705.7	4698969	3268	512716.3	4700690
3169	515182.33	4699283.6	3219	514698.6	4698958	3269	512667.3	4700696
3170	515180.58	4699297.4	3220	514685.5	4698947	3270	512625.8	4700700
3171	515177.77	4699311.1	3221	514672.5	4698925	3271	512519.7	4700693
3172	515172.27	4699329	3222	514649	4698906	3272	512473	4700700
3173	515163.6	4699346.4	3223	514641.6	4698898	3273	512377.6	4700731
3174	515159.23	4699357.4	3224	514635.9	4698893	3274	512060.7	4700842
3175	515153.74	4699374.3	3225	514625.1	4698886	3275	511949.2	4700869
3176	515150.91	4699390.7	3226	514618.8	4698885	3276	511833.5	4700927
3177	515150.74	4699405	3227	514609.4	4698911	3277	511737.3	4701005
3178	515151.56	4699419.3	3228	514609.7	4698922	3278	511660.9	4701084
3179	515125.8	4699415.4	3229	514620.4	4698956	3279	511584.8	4701150
3180	515101.51	4699422.6	3230	514622.4	4699014	3280	511508.8	4701193
3181	515068.26	4699448.8	3231	514618.8	4699096	3281	511380.8	4701279
3182	515037.87	4699471.9	3232	514596.6	4699180	3282	511292.8	4701337
3183	515023.01	4699486.8	3233	514577.2	4699244	3283	511152.6	4701447
3184	515015.02	4699491.1	3234	514582.1	4699273	3284	511032	4701580
3185	515007.87	4699491.4	3235	514597.4	4699329	3285	510855.3	4701753
3186	514999.57	4699488.1	3236	514556.8	4699402	3286	510693.9	4701977
3187	514988.14	4699481.6	3237	514537.5	4699471	3287	510621.3	4701746
3188	514977.47	4699477.9	3238	514512.7	4699553	3288	510539.5	4701614
3189	514967.65	4699469.5	3239	514434	4699621	3289	510481.3	4701498
3190	514963.36	4699463.1	3240	514371.9	4699684	3290	510423	4701390
3191	514960.32	4699451.5	3241	514283.7	4699808	3291	510321.4	4701262
3192	514955.26	4699442.8	3242	514257.4	4699881	3292	510286.5	4701190
3193	514938.78	4699426.7	3243	514258.3	4699983	3293	510202	4700951
3194	514921.94	4699407.8	3244	514237.2	4700090	3294	510132.3	4700858
3195	514917.4	4699388.7	3245	514198.2	4700169	3295	510102	4700826
3196	514912.04	4699371.6	3246	514138.7	4700232	3296	510084.2	4700803
3197	514899.65	4699345.7	3247	514054.8	4700345	3297	510034.5	4700785
3198	514873.27	4699304	3248	513988.2	4700476	3298	509958.9	4700708
3199	514867.51	4699292.3	3249	513985.2	4700548	3299	509933.2	4700679
3200	514857.69	4699255	3250	513980.9	4700651	3300	509898.4	4700668
3301	509883.66	4700663.5	3351	508361.3	4700428	3401	507337.9	4700690



3302	509874.27	4700651.7	3352	508348.1	4700425	3402	507319.5	4700702
3303	509865.94	4700640	3353	508331.3	4700409	3403	507290.7	4700723
3304	509845.93	4700631.3	3354	508314.7	4700394	3404	507256.2	4700748
3305	509832.14	4700633.2	3355	508302.8	4700387	3405	507214.7	4700770
3306	509805.17	4700655.8	3356	508287	4700381	3406	507199.5	4700777
3307	509785.08	4700654.3	3357	508278.4	4700382	3407	507182.9	4700776
3308	509734.34	4700667	3358	508248.4	4700401	3408	507147.9	4700775
3309	509706.64	4700681.5	3359	508230.4	4700413	3409	507117	4700771
3310	509672.61	4700693.8	3360	508223.2	4700411	3410	507101.3	4700758
3311	509648.28	4700692.5	3361	508192.2	4700399	3411	507068	4700749
3312	509629.35	4700681.6	3362	508177.8	4700388	3412	507024.3	4700756
3313	509608.11	4700664.6	3363	508163.9	4700384	3413	506993.8	4700789
3314	509574.87	4700672.1	3364	508154	4700382	3414	506984.2	4700795
3315	509519.62	4700690.5	3365	508144.1	4700381	3415	506980.1	4700798
3316	509494.29	4700696.3	3366	508131.5	4700385	3416	506984.6	4700758
3317	509468	4700716.8	3367	508104.3	4700390	3417	506999.8	4700729
3318	509453.13	4700720.9	3368	508083	4700396	3418	507001.2	4700694
3319	509382.28	4700713.7	3369	508059.9	4700398	3419	506986.8	4700665
3320	509306.17	4700703.2	3370	508037.4	4700395	3420	506968.1	4700630
3321	509253.52	4700678.3	3371	508023.6	4700390	3421	506961	4700605
3322	509229.4	4700658.9	3372	508003.7	4700390	3422	506950.7	4700577
3323	509200.89	4700614.8	3373	507983.1	4700394	3423	506914.4	4700544
3324	509165.09	4700599.6	3374	507964.6	4700398	3424	506912.2	4700512
3325	509118.57	4700586.2	3375	507957.2	4700404	3425	506980.8	4700409
3326	509068.08	4700558.1	3376	507942.9	4700422	3426	506998.8	4700345
3327	509026.68	4700522.7	3377	507932.9	4700446	3427	507010.1	4700261
3328	509007.47	4700495.4	3378	507908.1	4700465	3428	507002.9	4700195
3329	508999.6	4700484.2	3379	507894.2	4700476	3429	507012.5	4700170
3330	508992.76	4700481	3380	507871.5	4700492	3430	507020.8	4700137
3331	508968.97	4700482.5	3381	507862.8	4700503	3431	507041.1	4700101
3332	508943.49	4700484.1	3382	507857.9	4700518	3432	507070.6	4700066
3333	508868.46	4700483.4	3383	507855.8	4700530	3433	507104.1	4700032
3334	508829.18	4700480.6	3384	507857	4700540	3434	507135.5	4699991
3335	508802.24	4700475.6	3385	507863.6	4700562	3435	507140	4699980
3336	508777.95	4700470.5	3386	507831.8	4700564	3436	507138.4	4699947
3337	508755.88	4700457	3387	507822.3	4700561	3437	507130.6	4699919
3338	508738.09	4700439.3	3388	507810.1	4700560	3438	507116.8	4699908
3339	508691.14	4700414	3389	507798.4	4700568	3439	507107.4	4699898
3340	508633.08	4700422.1	3390	507781.7	4700585	3440	507103.5	4699890
3341	508562.21	4700433.1	3391	507715.8	4700604	3441	507098.4	4699871
3342	508512.79	4700427.5	3392	507658.3	4700631	3442	507096.4	4699850
3343	508493.8	4700425.3	3393	507579.2	4700661	3443	507094	4699801
3344	508468.05	4700405.7	3394	507516.8	4700665	3444	507094.2	4699784
3345	508454.87	4700400.9	3395	507497.8	4700658	3445	507098	4699741
3346	508444.91	4700404.1	3396	507455.9	4700650	3446	507101.4	4699721
3347	508435.71	4700419.5	3397	507429.5	4700665	3447	507106	4699698



3348	508430.06	4700429	3398	507406.3	4700684	3448	507109.2	4699667
3349	508416.85	4700426.2	3399	507388	4700683	3449	507112.8	4699633
3350	508387.06	4700427.9	3400	507364.2	4700683	3450	507115.8	4699609
3451	507111.18	4699597.4	3501	506751.7	4698255	3551	506028	4697242
3452	507098.2	4699587.7	3502	506723.6	4698210	3552	505992	4697240
3453	507084.04	4699575.6	3503	506683.4	4698168	3553	505946.6	4697231
3454	507074.7	4699560	3504	506650.9	4698136	3554	505634.8	4697146
3455	507056.85	4699524.5	3505	506645.7	4698125	3555	505552.6	4697062
3456	507038.09	4699485.9	3506	506652.8	4698111	3556	505469.9	4696912
3457	507023.78	4699465.2	3507	506657.2	4698095	3557	505444.8	4696809
3458	507018.07	4699444	3508	506655.8	4698076	3558	505440.8	4696794
3459	507013.96	4699399.6	3509	506651.8	4698057	3559	505429.9	4696754
3460	507023.65	4699307.7	3510	506643	4698041	3560	505404.9	4696722
3461	507028.61	4699279.3	3511	506622.6	4698025	3561	505349.8	4696687
3462	507031.45	4699263.5	3512	506616.7	4698002	3562	505354.1	4696650
3463	507038.11	4699232.9	3513	506597.7	4697936	3563	505366.3	4696623
3464	507033.47	4699204	3514	506604.3	4697910	3564	505384.9	4696596
3465	507019.09	4699189.2	3515	506614	4697896	3565	505406.4	4696553
3466	507008.63	4699178.5	3516	506619.7	4697886	3566	505410	4696456
3467	506997.49	4699169.1	3517	506623.1	4697871	3567	505411.5	4696397
3468	506980.37	4699161.6	3518	506620.8	4697858	3568	505404.7	4696373
3469	506969.25	4699150.3	3519	506609.8	4697848	3569	505392.3	4696349
3470	506958.89	4699131.6	3520	506590.1	4697838	3570	505393.4	4696319
3471	506927.97	4699108.3	3521	506581.6	4697820	3571	505399.7	4696253
3472	506919.03	4699103.4	3522	506578.7	4697793	3572	505391.7	4696194
3473	506908.05	4699091.6	3523	506576.6	4697770	3573	505383.3	4696161
3474	506903.61	4699064.6	3524	506569.7	4697746	3574	505363.5	4696123
3475	506900.19	4699039.7	3525	506559.8	4697711	3575	505549.1	4696045
3476	506893.13	4699009.9	3526	506550.1	4697657	3576	505692.4	4695926
3477	506887.54	4698990.3	3527	506545.7	4697630	3577	505765.9	4695793
3478	506879.91	4698964.2	3528	506537.7	4697605	3578	505771	4695726
3479	506872.74	4698943.5	3529	506535	4697590	3579	505752.6	4695662
3480	506856.36	4698895.7	3530	506533.6	4697578	3580	505759.7	4695601
3481	506845.78	4698850.6	3531	506532.3	4697554	3581	505784	4695520
3482	506833.04	4698808.1	3532	506528.5	4697537	3582	505834.5	4695364
3483	506823.46	4698772.9	3533	506521.5	4697523	3583	505880.2	4695261
3484	506813.35	4698754.5	3534	506515.4	4697508	3584	505934.7	4695128
3485	506799.29	4698734.9	3535	506510.8	4697487	3585	505954.2	4695097
3486	506791.61	4698712.6	3536	506500.6	4697451	3586	505982.4	4695062
3487	506782.09	4698678.7	3537	506486.6	4697423	3587	505992.2	4695042
3488	506769.7	4698652	3538	506471.7	4697405	3588	505991.6	4694897
3489	506760.45	4698628	3539	506453.2	4697395	3589	505992.5	4694871
3490	506756.58	4698609.7	3540	506442.5	4697388	3590	506014.7	4694842
3491	506758.11	4698581.1	3541	506429.5	4697381	3591	506015.8	4694833
3492	506766.86	4698559.3	3542	506404.3	4697398	3592	506007	4694820
3493	506795.55	4698506.5	3543	506352	4697423	3593	506006	4694814



3494	506797.67	4698456.8	3544	506303.1	4697438	3594	506003	4694796
3495	506793.36	4698417.8	3545	506280.9	4697450	3595	506000.9	4694780
3496	506787.97	4698404.2	3546	506272.1	4697454	3596	506005.4	4694765
3497	506787.33	4698390.7	3547	506228.4	4697411	3597	506008.7	4694759
3498	506784.51	4698337.3	3548	506214.5	4697400	3598	506017.3	4694747
3499	506784.76	4698322.8	3549	506123.2	4697338	3599	506027.4	4694741
3500	506772.37	4698295.6	3550	506052.1	4697258	3600	506044.4	4694736
3601	506068.36	4694725.9	3651	503811.5	4693969	3701	500826	4692591
3602	506014.16	4694684.9	3652	503747.8	4693897	3702	500714.8	4692540
3603	505987.49	4694656.8	3653	503712.2	4693857	3703	500672.6	4692520
3604	505955.19	4694634.9	3654	503502.6	4693660	3704	500503.9	4692470
3605	505913.33	4694616.2	3655	503374.2	4693575	3705	500358.2	4692434
3606	505886.43	4694607.1	3656	503243.1	4693487	3706	500139.1	4692351
3607	505849.24	4694596.4	3657	503227.7	4693478	3707	500024.9	4692343
3608	505800.08	4694590.2	3658	503177.5	4693406	3708	499942.3	4692351
3609	505748.57	4694581.7	3659	503148.2	4693377	3709	499880.8	4692356
3610	505733.76	4694582.2	3660	503131.4	4693368	3710	499851.3	4692341
3611	505666.61	4694576.6	3661	503110.3	4693362	3711	499828.6	4692292
3612	505636.39	4694567.6	3662	503068	4693358	3712	499701.4	4692115
3613	505600.09	4694542.6	3663	503041.4	4693357	3713	499678.2	4692059
3614	505585.58	4694526.8	3664	503015.1	4693356	3714	499579.9	4691974
3615	505567.7	4694507.3	3665	502998.3	4693346	3715	499411.2	4691805
3616	505553.68	4694484.9	3666	502926.5	4693211	3716	499332.5	4691745
3617	505541.78	4694428.3	3667	502870.4	4693117	3717	499277.6	4691689
3618	505538.72	4694413.7	3668	502860.3	4693058	3718	499278	4691657
3619	505520.85	4694358.1	3669	502863	4693029	3719	499286.6	4691594
3620	505507.33	4694336.7	3670	502870.4	4693008	3720	499271.5	4691534
3621	505488.34	4694331.2	3671	502878.5	4692992	3721	499248.4	4691466
3622	505466.1	4694332	3672	502891.5	4692969	3722	499241.4	4691387
3623	505434.35	4694330.6	3673	502891.6	4692958	3723	499258	4691331
3624	505419.61	4694324.1	3674	502890.1	4692951	3724	499270.5	4691276
3625	505392.26	4694308.9	3675	502882.2	4692944	3725	499251.4	4691216
3626	505315.12	4694296.4	3676	502872	4692941	3726	499208.6	4691144
3627	505271.76	4694291.6	3677	502828.2	4692935	3727	499213.3	4691077
3628	505245.31	4694290.2	3678	502757.5	4692916	3728	499234.6	4690954
3629	505186.45	4694253.6	3679	502684.5	4692900	3729	499223.8	4690862
3630	505138.17	4694218	3680	502659.3	4692895	3730	499192	4690725
3631	505105.51	4694203.9	3681	502605.6	4692872	3731	499184.4	4690580
3632	505033.93	4694173.5	3682	502536.4	4692819	3732	499172.8	4690489
3633	504974.87	4694169	3683	502514.6	4692785	3733	499165	4690427
3634	504871.22	4694163.5	3684	502485.5	4692739	3734	499136.1	4690368
3635	504829.12	4694144	3685	502430	4692713	3735	499094.3	4690323
3636	504772.13	4694130.6	3686	502332.6	4692678	3736	499022.1	4690148
3637	504683.31	4694123.2	3687	502233.7	4692650	3737	499009.5	4690088
3638	504592.56	4694101	3688	502175.4	4692659	3738	499000	4690055
3639	504516.37	4694100.1	3689	502005.9	4692673	3739	498944.5	4690005



3640	504431.66	4694108.8	3690	501804.1	4692663	3740	498922	4689932
3641	504298.51	4694124.4	3691	501620.2	4692664	3741	498798.9	4689667
3642	504261.49	4694121.3	3692	501429.6	4692679	3742	498782	4689631
3643	504160.97	4694116.2	3693	501290.7	4692677	3743	498739.2	4689548
3644	504117.21	4694123.6	3694	501260.4	4692666	3744	498675.5	4689560
3645	504062.8	4694136.2	3695	501215.8	4692629	3745	498635.1	4689576
3646	504021.73	4694139.7	3696	501188.3	4692611	3746	498603	4689601
3647	503991.27	4694142	3697	501151.2	4692609	3747	498551.7	4689643
3648	503950.97	4694125.2	3698	501070.3	4692630	3748	498413.3	4689709
3649	503924.86	4694094.2	3699	500976.2	4692648	3749	498294.9	4689787
3650	503896.67	4694064.9	3700	500915.4	4692638	3750	498252.1	4689987
3751	498170.5	4690369	3801	496407.4	4695023	3851	494359.5	4694868
3752	498055.9	4690602.1	3802	496377	4695043	3852	494315.6	4694879
3753	498121.85	4691294.3	3803	496338.6	4695065	3853	494279.6	4694907
3754	498162.33	4691453.6	3804	496294.1	4695074	3854	494239.5	4694943
3755	498196.89	4691665.8	3805	496251.1	4695083	3855	494212.5	4694989
3756	498132.01	4691781.5	3806	496216	4695095	3856	494176.1	4695043
3757	498051.68	4691859.9	3807	496185.5	4695122	3857	494143.9	4695083
3758	497840.65	4692249.2	3808	496164.7	4695136	3858	494102.6	4695099
3759	497770.53	4692359.5	3809	496144	4695164	3859	494045.7	4695103
3760	497636.71	4692485	3810	496136.4	4695182	3860	494016.4	4695114
3761	497588.14	4692563.8	3811	496107.8	4695185	3861	493971.4	4695118
3762	497591.69	4692712.1	3812	496072.7	4695199	3862	493913.3	4695110
3763	497547.35	4692881	3813	496036.7	4695196	3863	493884.3	4695098
3764	497562.18	4692971.1	3814	495994.4	4695191	3864	493849.9	4695096
3765	497577.12	4693050.7	3815	495964.7	4695197	3865	493832.7	4695095
3766	497581.42	4693135.5	3816	495931.8	4695209	3866	493806.8	4695093
3767	497464.04	4693213.5	3817	495838.5	4695216	3867	493781.6	4695154
3768	497388.69	4693318.5	3818	495661.5	4695232	3868	493763	4695188
3769	497320.87	4693411.9	3819	495596.9	4695238	3869	493746.8	4695209
3770	497304.09	4693488.4	3820	495516.4	4695234	3870	493714	4695236
3771	497292.97	4693533.3	3821	495460.3	4695238	3871	493664.4	4695260
3772	497294.9	4693650.7	3822	495420	4695246	3872	493626.1	4695278
3773	497302.12	4693711.6	3823	495323	4695302	3873	493601.4	4695285
3774	497285.5	4693774.9	3824	495290.9	4695325	3874	493578.5	4695280
3775	497292.63	4693843.9	3825	495261.1	4695339	3875	493563.3	4695287
3776	497297.36	4693891.5	3826	495223	4695341	3876	493523.9	4695305
3777	497278.18	4693946.9	3827	495189.3	4695327	3877	493488.9	4695315
3778	497258.85	4694015.5	3828	495175.6	4695319	3878	493461.4	4695316
3779	497234.37	4694070.8	3829	495161.5	4695253	3879	493436	4695311
3780	497220.46	4694128.9	3830	495148.2	4695214	3880	493402.1	4695312
3781	497209.34	4694173.7	3831	495140.1	4695182	3881	493374.5	4695321
3782	497219.55	4694205.6	3832	495131.2	4695136	3882	493346.8	4695336
3783	497224.47	4694237.4	3833	495124.1	4695108	3883	493321	4695364
3784	497178.98	4694279.2	3834	495070.1	4695103	3884	493306.9	4695398
3785	497080.5	4694325.7	3835	494975.1	4695086	3885	493291.6	4695437



3786	496989.74	4694390.8	3836	494905.3	4695075	3886	493279.4	4695484
3787	496952.23	4694430.1	3837	494876	4695057	3887	493249.6	4695500
3788	496906.08	4694527.5	3838	494816.8	4695031	3888	493227.3	4695501
3789	496834.51	4694537.2	3839	494795.8	4695012	3889	493203	4695500
3790	496789.14	4694568.5	3840	494773.4	4695001	3890	493181.7	4695508
3791	496722.33	4694623.3	3841	494741.6	4695006	3891	493149.8	4695523
3792	496636.7	4694701.7	3842	494704.5	4695010	3892	493127.5	4695524
3793	496609.8	4694738.4	3843	494680.7	4695007	3893	493109.7	4695510
3794	496593.49	4694775.3	3844	494651.7	4695004	3894	493094	4695497
3795	496603.39	4694833.6	3845	494614.6	4695007	3895	493075.1	4695477
3796	496581.81	4694867.8	3846	494555.2	4694993	3896	493070.2	4695451
3797	496520	4694902.1	3847	494504	4694952	3897	493060.9	4695427
3798	496492.5	4694944.7	3848	494463.5	4694910	3898	493048.5	4695410
3799	496469.9	4694976.2	3849	494425.4	4694889	3899	493033.6	4695392
3800	496442.62	4694999.7	3850	494387.2	4694872	3900	493018.8	4695365
3901	492977.96	4695327.5	3951	491054.7	4696095	4001	488757.7	4695507
3902	492964.66	4695310.7	3952	491002.7	4696130	4002	488754.9	4695485
3903	492950.58	4695292.3	3953	490863.6	4696203	4003	488755.1	4695463
3904	492934.1	4695276.2	3954	490810	4696170	4004	488763.5	4695430
3905	492915.13	4695268.8	3955	490777.1	4696136	4005	488786.3	4695381
3906	492892.81	4695275.7	3956	490761.6	4696103	4006	488794.8	4695335
3907	492881.28	4695277.5	3957	490746.1	4696066	4007	488785.8	4695284
3908	492848.32	4695277.5	3958	490727.4	4696039	4008	488781.7	4695234
3909	492827.74	4695287.2	3959	490707.5	4695972	4009	488777.5	4695179
3910	492813.99	4695293.8	3960	490685.6	4695951	4010	488770.1	4695137
3911	492803.43	4695313.5	3961	490647.5	4695943	4011	488765.4	4695084
3912	492783.46	4695323.6	3962	490601.5	4695939	4012	488804	4695051
3913	492769.8	4695337.8	3963	490566.7	4695931	4013	488785.9	4695015
3914	492759.26	4695355.9	3964	490511.5	4695900	4014	488774.4	4694979
3915	492710.98	4695367.9	3965	490494.3	4695873	4015	488772.3	4694935
3916	492679	4695386.1	3966	490477.3	4695833	4016	488758.8	4694840
3917	492643.02	4695406.8	3967	490426.2	4695775	4017	488755.5	4694790
3918	492625.36	4695446.3	3968	490381.1	4695759	4018	488754.3	4694773
3919	492623.5	4695491.3	3969	490339.1	4695774	4019	488682.2	4694760
3920	492616.4	4695532.2	3970	490310	4695775	4020	488661.5	4694751
3921	492600.1	4695567.8	3971	490274.1	4695788	4021	488606.2	4694768
3922	492501.58	4695618.2	3972	490244.9	4695797	4022	488579.7	4694770
3923	492453.8	4695629.6	3973	490210.4	4695803	4023	488553.1	4694776
3924	492403.49	4695631.6	3974	490172	4695804	4024	488526.5	4694787
3925	492362.34	4695641.7	3975	490141.4	4695817	4025	488468.5	4694774
3926	492327.69	4695662.5	3976	490106.8	4695828	4026	488436.7	4694776
3927	492283.62	4695696.4	3977	490046.1	4695821	4027	488403.3	4694797
3928	492232.85	4695714.5	3978	489977.6	4695794	4028	488364.4	4694847
3929	492116.49	4695728.8	3979	489938.1	4695777	4029	488346.8	4694881
3930	492092.65	4695729.9	3980	489897.1	4695767	4030	488314.8	4694902
3931	492035.58	4695743.7	3981	489853.5	4695764	4031	488296.1	4694914



3932	491986.39	4695763	3982	489813.9	4695759	4032	488254.8	4694938
3933	491919.34	4695817.2	3983	489771.4	4695773	4033	488204.4	4694942
3934	491850.69	4695915.6	3984	489726.2	4695784	4034	488170	4694943
3935	491833.77	4695928.2	3985	489690.5	4695788	4035	488127.4	4694962
3936	491794.41	4695987.2	3986	489613.8	4695783	4036	488089.1	4694956
3937	491752.99	4696021.1	3987	489571.4	4695781	4037	487988	4694891
3938	491695.73	4696050.9	3988	489530.2	4695741	4038	487952.5	4694870
3939	491626.6	4696077.9	3989	489521.9	4695722	4039	487923.5	4694860
3940	491573.49	4696091.8	3990	489488.8	4695732	4040	487895.1	4694868
3941	491523.07	4696103.1	3991	489440.9	4695746	4041	487864.2	4694902
3942	491483.22	4696115.9	3992	489406.3	4695768	4042	487828.3	4694917
3943	491440.71	4696129.9	3993	489353.4	4695765	4043	487801.7	4694929
3944	491407.62	4696129.5	3994	489282	4695756	4044	487735	4694976
3945	491361.37	4696123.7	3995	489197.5	4695735	4045	487701.7	4694995
3946	491319.06	4696120.6	3996	489082.3	4695679	4046	487671.2	4694996
3947	491283.46	4696109.6	3997	489007	4695664	4047	487625	4694986
3948	491249.16	4696099.9	3998	488919.1	4695638	4048	487581.4	4694986
3949	491196.33	4696091.3	3999	488853.2	4695606	4049	487543.1	4694980
3950	491132.81	4696090.6	4000	488786	4695554	4050	487519.4	4694964
4051	487491.51	4694974	4101	486143.7	4694803	4151	485515.3	4693782
4052	487451.66	4694986.7	4102	486169.1	4694781	4152	485522.1	4693746
4053	487397.1	4695012.6	4103	486174.9	4694756	4153	485532.2	4693693
4054	487370.31	4695040	4104	486185.8	4694710	4154	485550.2	4693649
4055	487329.27	4695040.9	4105	486183.5	4694687	4155	485549.8	4693549
4056	487289.62	4695036.4	4106	486177.1	4694662	4156	485566.9	4693449
4057	487251.37	4695025.4	4107	486170.7	4694649	4157	485580.4	4693267
4058	487234.5	4694997.4	4108	486148.3	4694637	4158	485591.9	4693213
4059	487225.67	4694960.3	4109	486058.7	4694625	4159	485572.6	4693177
4060	487223.3	4694936.4	4110	486025.8	4694612	4160	485566.7	4693139
4061	487188.87	4694938.6	4111	486004.8	4694599	4161	485568.7	4693107
4062	487159.57	4694954.2	4112	485985.1	4694580	4162	485579.8	4692970
4063	487125.06	4694963	4113	485964.8	4694561	4163	485577.2	4692923
4064	487097.29	4694961.4	4114	485943.2	4694546	4164	485563.1	4692905
4065	487060.41	4694946.4	4115	485915.5	4694538	4165	485542.8	4692876
4066	487036.59	4694946.1	4116	485884.4	4694534	4166	485522.3	4692863
4067	486995.32	4694966.8	4117	485847.4	4694537	4167	485478	4692853
4068	486963.49	4694973	4118	485824.8	4694540	4168	485459	4692850
4069	486942.46	4694960.9	4119	485808.1	4694537	4169	485424.1	4692848
4070	486900.04	4694972.4	4120	485815.2	4694513	4170	485413	4692841
4071	486865.64	4694972	4121	485818	4694486	4171	485413.2	4692825
4072	486820.72	4694964.8	4122	485812.9	4694465	4172	485381.7	4692806
4073	486775.67	4694969.6	4123	485805.3	4694441	4173	485380	4692782
4074	486730.45	4694988.9	4124	485809.6	4694405	4174	485351.6	4692767
4075	486698.38	4695015	4125	485809.3	4694378	4175	485310.7	4692735
4076	486674.39	4695029.3	4126	485808.2	4694358	4176	485274.5	4692709
4077	486637.22	4695039.4	4127	485801.2	4694339	4177	485258.9	4692680



4078	486612.11	4695036.5	4128	485779	4694311	4178	485246.8	4692631
4079	486591.14	4695019	4129	485767.3	4694295	4179	485250.3	4692602
4080	486576.89	4694992.4	4130	485759.5	4694280	4180	485276.1	4692568
4081	486561.23	4694973.7	4131	485749.1	4694265	4181	485284.3	4692550
4082	486536.26	4694958.8	4132	485735.9	4694259	4182	485297.3	4692522
4083	486477.9	4694911.6	4133	485716.7	4694265	4183	485300.8	4692493
4084	486422.89	4694921.8	4134	485703.4	4694268	4184	485298	4692465
4085	486400.32	4694928.1	4135	485690.8	4694269	4185	485295.2	4692433
4086	486382.87	4694949.1	4136	485670.8	4694256	4186	485303.4	4692409
4087	486362.88	4694960.7	4137	485659.3	4694241	4187	485324.4	4692381
4088	486337.72	4694961.8	4138	485649	4694215	4188	485355	4692346
4089	486303.19	4694972	4139	485634.6	4694182	4189	485386.9	4692326
4090	486281.83	4694987.6	4140	485620.1	4694152	4190	485420.5	4692310
4091	486253.97	4694993.9	4141	485590.7	4694134	4191	485446	4692303
4092	486217	4694986.8	4142	485563.5	4694107	4192	485457.3	4692285
4093	486186.77	4694969.3	4143	485538.6	4694064	4193	485465.7	4692249
4094	486165.78	4694953.1	4144	485493.8	4693998	4194	485472.3	4692222
4095	486146.09	4694939.7	4145	485486.6	4693978	4195	485509.3	4692173
4096	486139.68	4694922.4	4146	485479.5	4693955	4196	485521.4	4692075
4097	486128.06	4694897.1	4147	485460.7	4693936	4197	485529.5	4692009
4098	486117.79	4694870.5	4148	485464.3	4693913	4198	485534.7	4691967
4099	486108.81	4694846.6	4149	485477.3	4693894	4199	485515.8	4691951
4100	486117.04	4694821.5	4150	485497.1	4693844	4200	485504.2	4691926
4201	485504.57	4691893						
4202	485518.07	4691877.3						
4203	485493.16	4691850.5						
4204	485482.73	4691837.2						
4205	485476.41	4691812						
4206	485475.48	4691778.9						
4207	485460.05	4691740.3						
4208	485456.78	4691680.7						
4209	485441.98	4691589.2						
4210	485452.45	4691486.1						
4211	485409.94	4691463						
4212	485378.31	4691451.5						
4213	485354.61	4691441.7						
4214	485329.35	4691428.7						
4215	485293.02	4691412.4						
4216	485240.84	4691356.1						
4217	485216.16	4691293.9						
4218	485183.31	4691252.2						
4219	485143.83	4691232.7						
4220	485126.7	4691203.9						
4221	485100.31	4691152.7						
4222	485053.4	4691090.3						
4223	485028.74	4691026.4						



4224	485000.55	4690992.8
4225	484977.05	4690965.5
4226	484964.57	4690946.3
4227	484985.53	4690919.5
4228	485006.42	4690899.1
4229	485051.08	4690882.2
4230	485129.15	4690860.9
4231	485167.29	4690858.2
4232	485201.89	4690887.1
4233	485242.84	4690916.2
4234	485298.51	4690908.9
4235	485354.31	4690890.5
4236	485386.34	4690857



Aneksi nr. 2

PARKU KOMBËTAR “BREDHI I HOTOVËS – DANGËLLI”

Zona brenda këtij ekosistemi natyror, përfshin pyje, kullota, toka bujqësore, shkurre, sipërfaqe ujore, inproduktive dhe zona urbane. Mbulesa e tokës brenda sipërfaqes së Parkut Kombëtar, jepet në Tabelën 1, si më poshtë:

Tabela 1. Sipërfaqja e PK-së, e përshkruar sipas mbulesës.

Mbulesa	Sip. në ha	Përqindja
Bujqësore	350.68	0.97
Kullota	454.56	1.26
Pyje	19661.01	54.61
Shkurre	8617.35	23.93
Sipërfaqe heterogjene bujqësore	3819.7	10.61
Sipërfaqe me vegjetacion të pakët	2867.38	7.96
Ujore	136.37	0.38
Zona urbane	96.7	0.27
Totali	36003.76	100

Parku Kombëtar “Bredhi i Hotovës - Dangëlli” ndahet në tre nënzona ruajtjeje e administrimi, si më poshtë vijon:

a) Nënzona Qendrore, me sipërfaqe 4554.1 (katër mijë e pesëqind e pesëdhjetë e katër presje një) ha, e shënuar në hartë me ZQ.

Kjo nënzona përfshin habitatet kryesore pyjore (pyje të lartë, cungishte dhe shkurre) dhe përcaktohet si zonë me vlera të larta e të rralla për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla e më lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzona lejohen kërkimi shkencor, zhvillimi i veprimtarive ekoturistike të lira në natyrë.

b) Nënzona e Përdorimit Tradicional dhe Zhvillimit të Qëndrueshëm, me sipërfaqe 31394.89 (tridhjetë e një mijë e treqind e nëntëdhjetë e katër presje tetëdhjetë e nëntë) ha, e shënuar në hartë me ZPTQ.

Kjo nënzona përfshin tokat pyjore, bujqësore e kullotat, dhe territore ujore ku mundësohet vazhdimi i veprimtarive tradicionale si punime për shëndetësimin e pyjeve, aktivitete bujqësore, kullotja, grumbullimi dhe kultivimi i bimëve mjekësore e aromatike, me përdorim të balancuar të tyre dhe nuk lejohen ndërtimet e veprimtaritë që shkaktojnë ndryshimin e gjendjes natyrore të ekosistemit natyror. Në nënzona e përdorimit tradicional dhe zhvillimit të qëndrueshëm, zbatohet shkalla e dytë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive ekonomike, sociale, agrobiznesit, argëtuese, sportive e ekoturistike, ndërtimi i infrastrukturës sipas planeve të zhvillimit urban e turistik të miratuar nga Këshilli Kombëtar i Territorit (KKT), të cilat nuk çenojnë integritetin ekologjik të ekosistemit natyror dhe respektojnë funksionet e zonës së mbrojtur, vlerat ekologjike dhe ato të peizazhit natyror e kulturor.

c) Nënzona e Rekreacionit me sipërfaqe 54.77 (pesëdhjetë e katër presje shtatëdhjetë e shtatë) ha, e shënuar në hartë me ZR.

Në këtë zonë përfshihen pjesë të habitateve pyjore dhe ato ujore. Në këtë zonë zbatohet shkalla e tretë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive turistik,



si mundësi shetitje në natyrë, shërbime turistike në mënyrë të tillë që respektojnë funksionet e zonës së mbrojtur, vlerat e tij ekologjike dhe ato të peizazhit natyror, në mbështetje të studimeve urbanistike të miratuar nga KKT-ja.

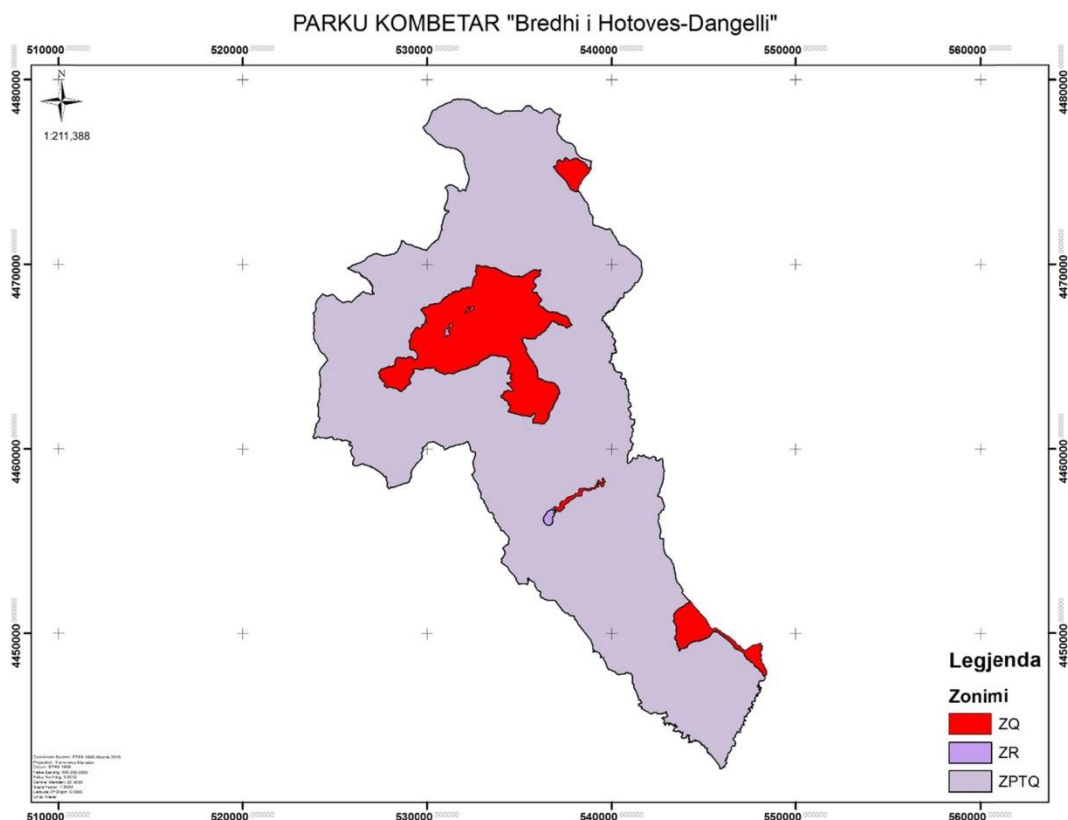
Zonimi dhe sipërfaqet në Parkun Kombëtar “Bredhi i Hotovës - Dangëlli” jepen në Tabelën 2.

Tabela 2. Zonimi i brendshëm i PK-së.

Zonimi	Sip. në ha	Përqindja
Zona qendrore	4554.1	12.65
Zona e përdorimit tradicional dhe zhvillimit të qëndrueshëm	31394.89	87.20
Zona e rekreacionit	54.77	0.15
Totali	36003.76	100

Administrata e Zonave të Mbrojtura, Qarku Gjirokastrë, kryen funksionet menaxhuese të Parkut Kombëtar “Bredhi i Hotovës - Dangëlli”.

SHTOJCA 1





SHTOJCA 2

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	531687.69	4478991	51	536848.4	4478300	101	538057.1	4476209
2	531778.21	4478944	52	536904.5	4478256	102	538078.4	4476121
3	531841.55	4478961	53	537003.1	4478190	103	538118.4	4476024
4	531958.07	4478957	54	537083.1	4478145	104	538146.2	4475983
5	532106.46	4478942	55	537149.6	4478113	105	538202.7	4475925
6	532244.09	4478944	56	537232.9	4478123	106	538339.6	4475811
7	532387.84	4478871	57	537230.4	4478111	107	538408.5	4475772
8	532526.37	4478794	58	537209.8	4478058	108	538468.2	4475742
9	532616.84	4478752	59	537190.5	4478006	109	538903.6	4475587
10	532844.05	4478590	60	537162.1	4477945	110	538893.3	4475545
11	532880.67	4478570	61	537135	4477887	111	538880.6	4475473
12	532924.39	4478508	62	537135.3	4477855	112	538868.7	4475398
13	532967.7	4478482	63	537149.1	4477807	113	538877.8	4475273
14	533040.48	4478483	64	537165.4	4477773	114	538887.4	4475219
15	533116.46	4478494	65	537163.1	4477743	115	538865.6	4475165
16	533176.09	4478488	66	537155.4	4477713	116	538803.4	4475076
17	533249.1	4478469	67	537139.9	4477684	117	538724.7	4474936
18	533359.21	4478387	68	537120.3	4477665	118	538677.4	4474900
19	533708.83	4478193	69	537102	4477641	119	538540.7	4474781
20	533838.16	4478168	70	537100.9	4477618	120	538523.3	4474758
21	533963.65	4478189	71	537103.8	4477595	121	538498.9	4474712
22	534121.36	4478287	72	537084.3	4477571	122	538440.2	4474645
23	534259.68	4478344	73	537060.7	4477544	123	538390.4	4474571
24	534359.12	4478329	74	537038.6	4477486	124	538371.2	4474522
25	534468.4	4478320	75	537057.7	4477432	125	538329	4474414
26	534637.13	4478322	76	537069.1	4477366	126	538278.8	4474350
27	534786.12	4478314	77	537054.5	4477253	127	538247.6	4474299
28	534871.76	4478348	78	537106.7	4477086	128	538204.9	4474194
29	535017.7	4478317	79	537145.7	4477025	129	538185.2	4474067
30	535106.92	4478327	80	537215.6	4476954	130	538186	4474011
31	535201.62	4478438	81	537224.3	4476940	131	538186.5	4473969
32	535361.75	4478615	82	537229.8	4476917	132	538236.9	4473958
33	535411.63	4478592	83	537249.1	4476894	133	538255.5	4473952
34	535471.3	4478583	84	537274.7	4476876	134	538275.2	4473942
35	535500.74	4478613	85	537276	4476856	135	538308.8	4473896
36	535543.78	4478610	86	537275.2	4476831	136	538335.7	4473841
37	535603.63	4478585	87	537309.4	4476805	137	538386.4	4473756
38	535694.95	4478472	88	537362.7	4476776	138	538414.4	4473674
39	535762.02	4478394	89	537394.6	4476760	139	538452	4473624
40	535860.13	4478379	90	537420.2	4476746	140	538494.2	4473586
41	535995.71	4478328	91	537470.5	4476696	141	538513.4	4473545
42	536062.59	4478265	92	537493.1	4476665	142	538534.2	4473491
43	536171.77	4478208	93	537540.9	4476651	143	538568.4	4473437



44	536240.37	4478227	94	537606.8	4476632	144	538625.3	4473408
45	536329.25	4478326	95	537657.9	4476605	145	538645.4	4473384
46	536387.09	4478361	96	537701.6	4476582	146	538670.7	4473325
47	536537.11	4478437	97	537795.5	4476577	147	538687.8	4473291
48	536648	4478462	98	537841.4	4476570	148	538731.3	4473187
49	536703.64	4478457	99	537978.5	4476436	149	538755.4	4473064
50	536754.44	4478413	100	538022.6	4476341	150	538765.1	4473002
151	538780.33	4472945	201	541601.4	4470026	251	540995.6	4468639
152	538808.8	4472861	202	541606.5	4469971	252	540992.6	4468634
153	538852.78	4472762	203	541625.1	4469917	253	540990.9	4468629
154	538924.82	4472686	204	541611.5	4469838	254	540987.9	4468623
155	538966.02	4472623	205	541635.5	4469775	255	540979.4	4468614
156	538989.53	4472556	206	541648.6	4469694	256	540968.5	4468606
157	538973.24	4472452	207	541646.5	4469673	257	540959.3	4468601
158	538968.97	4472361	208	541637.3	4469597	258	540943.9	4468595
159	538975.57	4472246	209	541623.5	4469484	259	540941	4468593
160	538990.73	4472169	210	541591.5	4469384	260	540936	4468593
161	539033.47	4472133	211	541543.5	4469307	261	540930.8	4468595
162	539134.3	4472108	212	541509.3	4469241	262	540925.3	4468597
163	539224.38	4472098	213	541488.6	4469200	263	540916	4468594
164	539297.35	4472080	214	541454.1	4469154	264	540907.8	4468589
165	539452.59	4472017	215	541419.6	4469098	265	540901.5	4468582
166	539535.1	4471974	216	541391	4469059	266	540891.7	4468571
167	539583.75	4471953	217	541375.9	4469050	267	540877.3	4468554
168	539637.2	4471930	218	541333	4469047	268	540865.3	4468537
169	539686.23	4471923	219	541306.5	4469046	269	540856.3	4468524
170	539784.95	4471920	220	541275.6	4469034	270	540849.6	4468516
171	539857.43	4471946	221	541262.5	4469017	271	540843.3	4468508
172	539913.04	4471942	222	541240.6	4468967	272	540836.4	4468504
173	539973.61	4471897	223	541233.5	4468951	273	540827.7	4468502
174	540016.87	4471815	224	541227.7	4468935	274	540806.6	4468499
175	540056.54	4471724	225	541224	4468916	275	540796.7	4468496
176	540082.66	4471660	226	541217.1	4468902	276	540791.2	4468495
177	540140.9	4471588	227	541205	4468884	277	540785.7	4468495
178	540196.16	4471497	228	541199.1	4468872	278	540780.6	4468496
179	540236.49	4471440	229	541193.3	4468863	279	540775.8	4468496
180	540272.68	4471352	230	541177.1	4468856	280	540770.7	4468492
181	540354.91	4471241	231	541164.5	4468847	281	540766.9	4468490
182	540395.86	4471129	232	541146.4	4468834	282	540764.2	4468490
183	540444.58	4471079	233	541140.9	4468828	283	540751.4	4468494
184	540498.32	4471053	234	541136.2	4468821	284	540738.7	4468500
185	540528.13	4471039	235	541134.3	4468812	285	540733.9	4468502
186	540622.21	4471025	236	541134.4	4468805	286	540731.2	4468503
187	540700.39	4470991	237	541134.5	4468795	287	540723.6	4468505
188	540762.97	4470956	238	541131	4468789	288	540719.7	4468505
189	540842.26	4470893	239	541127.1	4468784	289	540715.9	4468505



190	540952.44	4470814	240	541120	4468779	290	540713.2	4468504
191	541073.91	4470672	241	541115.7	4468773	291	540710.9	4468502
192	541141.42	4470598	242	541111.8	4468766	292	540709	4468499
193	541199.26	4470561	243	541110.3	4468758	293	540706.1	4468494
194	541259	4470519	244	541109.2	4468750	294	540703.6	4468488
195	541333.98	4470463	245	541107.3	4468744	295	540701.2	4468483
196	541467.48	4470357	246	541101	4468734	296	540698.3	4468481
197	541522.32	4470281	247	541089.9	4468725	297	540691.8	4468475
198	541566.79	4470209	248	541058.4	4468700	298	540686	4468470
199	541589.41	4470151	249	541029.9	4468675	299	540682.3	4468463
200	541599.25	4470077	250	541006.7	4468652	300	540679.6	4468455
301	540678.51	4468452	351	540496.6	4468196	401	540351	4467986
302	540675.66	4468447	352	540490.6	4468197	402	540351.8	4467980
303	540672.94	4468444	353	540484.3	4468195	403	540351.9	4467977
304	540667.91	4468440	354	540479.8	4468188	404	540346.9	4467973
305	540664.57	4468436	355	540474.6	4468183	405	540340.8	4467971
306	540662.5	4468432	356	540470.9	4468178	406	540333.5	4467964
307	540659.77	4468428	357	540466.8	4468175	407	540328.8	4467959
308	540657.48	4468424	358	540459.7	4468173	408	540321.5	4467952
309	540656.86	4468420	359	540454	4468171	409	540312.3	4467942
310	540656.99	4468416	360	540448.4	4468169	410	540308.2	4467936
311	540658.04	4468411	361	540438.7	4468166	411	540303.4	4467933
312	540658.96	4468405	362	540431.1	4468163	412	540297.1	4467931
313	540659.04	4468398	363	540425.1	4468159	413	540290.7	4467931
314	540660.36	4468393	364	540421.3	4468155	414	540283.9	4467932
315	540660.54	4468387	365	540419.6	4468150	415	540278	4467930
316	540659.9	4468385	366	540419.6	4468147	416	540272.8	4467927
317	540658.86	4468383	367	540420.6	4468142	417	540270.2	4467922
318	540657.96	4468380	368	540424.1	4468137	418	540273.1	4467915
319	540658.27	4468375	369	540431.6	4468127	419	540274.9	4467910
320	540657.84	4468370	370	540441.7	4468110	420	540277.3	4467904
321	540654.21	4468365	371	540445.3	4468102	421	540277.4	4467898
322	540651.74	4468361	372	540445	4468096	422	540274.4	4467895
323	540650.72	4468357	373	540443.3	4468092	423	540270.8	4467895
324	540650.62	4468354	374	540440.2	4468089	424	540265.8	4467892
325	540652.04	4468350	375	540433.1	4468086	425	540263.3	4467890
326	540654.19	4468343	376	540424.9	4468085	426	540259.9	4467886
327	540662.58	4468327	377	540416.9	4468084	427	540257.7	4467881
328	540666.93	4468316	378	540410.1	4468084	428	540257.3	4467877
329	540669.67	4468309	379	540408.2	4468087	429	540259	4467872
330	540670.67	4468305	380	540405.2	4468088	430	540261.2	4467866
331	540670.39	4468301	381	540402.3	4468087	431	540263.8	4467860
332	540667.91	4468297	382	540396.2	4468079	432	540268.5	4467854
333	540664.64	4468291	383	540393.6	4468069	433	540270.7	4467851
334	540661.85	4468285	384	540391.9	4468064	434	540272.4	4467846
335	540655.74	4468278	385	540389.9	4468057	435	540272.7	4467841



336	540649	4468270	386	540388	4468053	436	540270.6	4467836
337	540637.57	4468256	387	540384.1	4468048	437	540265.6	4467833
338	540618.24	4468229	388	540379.4	4468046	438	540260.1	4467830
339	540602.57	4468210	389	540373.1	4468044	439	540254.7	4467823
340	540591.06	4468205	390	540361.4	4468043	440	540249.9	4467816
341	540579.54	4468200	391	540357.7	4468043	441	540244.7	4467807
342	540569.62	4468200	392	540351.7	4468042	442	540237.2	4467801
343	540560.7	4468198	393	540347.2	4468039	443	540232.1	4467797
344	540552.47	4468195	394	540343	4468035	444	540223.4	4467793
345	540547.89	4468191	395	540338.9	4468029	445	540217.1	4467788
346	540542.64	4468187	396	540339.1	4468023	446	540214.8	4467781
347	540530.1	4468185	397	540339.6	4468013	447	540214.7	4467772
348	540519.18	4468185	398	540342.8	4468004	448	540216.5	4467753
349	540509.87	4468190	399	540346.4	4467996	449	540216	4467744
350	540502.55	4468193	400	540349.1	4467990	450	540213.8	4467735
451	540210.35	4467727	501	540082.2	4467584	551	539893.5	4467463
452	540207.64	4467724	502	540085.6	4467578	552	539890	4467464
453	540203	4467722	503	540087.3	4467572	553	539886.2	4467466
454	540197.07	4467722	504	540087.2	4467564	554	539883.3	4467468
455	540192.84	4467722	505	540086.6	4467559	555	539880.8	4467470
456	540187.73	4467724	506	540083.7	4467555	556	539877.9	4467473
457	540180.71	4467728	507	540081.2	4467551	557	539876.1	4467477
458	540175.8	4467732	508	540079.1	4467548	558	539873.8	4467482
459	540169.44	4467736	509	540075.5	4467546	559	539871.8	4467487
460	540163.21	4467740	510	540070.6	4467546	560	539870.7	4467490
461	540158.12	4467741	511	540064.7	4467550	561	539868.4	4467494
462	540153.47	4467741	512	540056.3	4467557	562	539864.6	4467500
463	540149.06	4467738	513	540050.6	4467561	563	539860.5	4467504
464	540145.92	4467734	514	540045.5	4467564	564	539857	4467506
465	540141.77	4467727	515	540043	4467565	565	539853	4467507
466	540138.85	4467723	516	540038.3	4467568	566	539850.5	4467507
467	540135.12	4467716	517	540036.2	4467568	567	539846.6	4467504
468	540133.08	4467709	518	540033.4	4467569	568	539843.2	4467499
469	540132.31	4467702	519	540031.9	4467569	569	539837.2	4467478
470	540131.14	4467694	520	540028.4	4467568	570	539836.1	4467470
471	540129.7	4467690	521	540002.9	4467552	571	539836.5	4467464
472	540129.23	4467683	522	539998.9	4467549	572	539836.8	4467461
473	540130	4467675	523	539997.6	4467548	573	539837	4467457
474	540131.96	4467671	524	539995.3	4467545	574	539838.5	4467454
475	540133.72	4467664	525	539993.4	4467540	575	539838.9	4467452
476	540135.08	4467656	526	539991.3	4467536	576	539839	4467449
477	540135.62	4467646	527	539988.4	4467533	577	539838.2	4467445
478	540135.1	4467636	528	539985.3	4467532	578	539835.6	4467440
479	540134.95	4467631	529	539982.3	4467532	579	539834.1	4467436
480	540134.78	4467627	530	539978.5	4467531	580	539833.8	4467429
481	540133.78	4467621	531	539974.7	4467529	581	539833.9	4467426



482	540132.34	4467618	532	539970.3	4467524	582	539834.7	4467421
483	540128.96	4467617	533	539966.8	4467517	583	539835.5	4467416
484	540126	4467617	534	539963.5	4467512	584	539836.5	4467413
485	540118.8	4467618	535	539960.8	4467508	585	539837.7	4467410
486	540113.25	4467621	536	539959.1	4467504	586	539838.5	4467407
487	540108.16	4467622	537	539957	4467502	587	539838.7	4467405
488	540101.34	4467626	538	539949.6	4467500	588	539837.9	4467402
489	540097.09	4467627	539	539947.1	4467499	589	539836.2	4467400
490	540092.21	4467628	540	539942.3	4467496	590	539834	4467399
491	540088.71	4467629	541	539937.4	4467492	591	539831.6	4467399
492	540085.11	4467629	542	539935.8	4467489	592	539826.4	4467399
493	540083.16	4467628	543	539933.5	4467485	593	539823	4467401
494	540079.72	4467624	544	539931.4	4467481	594	539819.4	4467403
495	540078.31	4467619	545	539927.7	4467477	595	539815.1	4467408
496	540078.01	4467616	546	539920.3	4467472	596	539812.7	4467410
497	540075.87	4467609	547	539914	4467469	597	539811.7	4467412
498	540075.62	4467603	548	539904.5	4467466	598	539811.3	4467415
499	540076.49	4467597	549	539901.1	4467464	599	539810.9	4467417
500	540078.94	4467590	550	539897.4	4467463	600	539811.4	4467419
601	539812.29	4467422	651	539724.2	4467400	701	539631.5	4467266
602	539814.22	4467426	652	539722.6	4467401	702	539627.9	4467261
603	539815.89	4467430	653	539721.1	4467401	703	539625.2	4467257
604	539816.12	4467434	654	539718.7	4467401	704	539622.8	4467253
605	539814.47	4467439	655	539715.5	4467400	705	539620.1	4467246
606	539812.31	4467443	656	539712.5	4467398	706	539617.4	4467240
607	539811.62	4467446	657	539709.5	4467398	707	539615.2	4467236
608	539810.8	4467448	658	539706.5	4467398	708	539611.7	4467230
609	539810.1	4467449	659	539703.1	4467399	709	539607	4467226
610	539807.87	4467451	660	539701.9	4467399	710	539600.4	4467223
611	539803.57	4467455	661	539698.8	4467398	711	539592.1	4467216
612	539800.52	4467456	662	539696.2	4467396	712	539581.6	4467211
613	539798.66	4467456	663	539694.8	4467394	713	539574.8	4467209
614	539795.5	4467455	664	539693.4	4467391	714	539564.9	4467205
615	539794.2	4467454	665	539692.4	4467386	715	539557.5	4467203
616	539791.1	4467453	666	539692.7	4467384	716	539554.9	4467201
617	539789.32	4467451	667	539693.7	4467379	717	539548.7	4467199
618	539786.57	4467449	668	539694.7	4467376	718	539544.4	4467196
619	539783.55	4467447	669	539696.6	4467370	719	539537.9	4467193
620	539780	4467445	670	539699.2	4467363	720	539533.9	4467192
621	539776.71	4467443	671	539701.5	4467359	721	539531.5	4467191
622	539769.58	4467442	672	539703.8	4467354	722	539528.6	4467189
623	539766.45	4467441	673	539704.4	4467351	723	539525.9	4467187
624	539763.3	4467440	674	539704.8	4467349	724	539523.9	4467184
625	539762.47	4467439	675	539704.7	4467347	725	539522.1	4467181
626	539757.74	4467436	676	539702.9	4467344	726	539520.6	4467178
627	539755.91	4467434	677	539698.7	4467342	727	539519.6	4467176



628	539752.9	4467431	678	539692.3	4467339	728	539519.1	4467173
629	539751.99	4467429	679	539688.5	4467338	729	539518.7	4467171
630	539749.5	4467427	680	539684.2	4467337	730	539518.3	4467167
631	539748.21	4467425	681	539680.7	4467337	731	539517.2	4467163
632	539747.57	4467422	682	539678	4467336	732	539516.4	4467160
633	539747.47	4467419	683	539674.1	4467335	733	539516.3	4467157
634	539747.38	4467416	684	539672.6	4467334	734	539517.1	4467154
635	539747.94	4467414	685	539672.1	4467332	735	539518.2	4467151
636	539747.97	4467410	686	539672.3	4467328	736	539520	4467148
637	539747.73	4467408	687	539666.7	4467318	737	539522.1	4467146
638	539747.43	4467404	688	539665.1	4467316	738	539525	4467144
639	539745.2	4467399	689	539664.6	4467313	739	539526.8	4467142
640	539744.27	4467397	690	539664	4467307	740	539529.3	4467137
641	539742.14	4467394	691	539664.1	4467302	741	539533.2	4467131
642	539741.11	4467393	692	539663.2	4467297	742	539535.2	4467128
643	539740.35	4467392	693	539662	4467294	743	539538.1	4467124
644	539739.03	4467392	694	539660.1	4467291	744	539541.2	4467118
645	539737.6	4467392	695	539656.4	4467287	745	539542.3	4467115
646	539736.38	4467392	696	539653.6	4467284	746	539543.5	4467111
647	539735.08	4467393	697	539649.8	4467282	747	539543.7	4467107
648	539731.75	4467395	698	539645.8	4467279	748	539543.5	4467105
649	539729.03	4467397	699	539643.2	4467277	749	539542.3	4467102
650	539726.31	4467399	700	539640.3	4467274	750	539540.6	4467100
751	539538.06	4467098	801	539638.3	4466858	851	539879.6	4466592
752	539534.88	4467098	802	539650	4466838	852	539875.7	4466590
753	539532.33	4467100	803	539660.5	4466825	853	539865.9	4466588
754	539530.42	4467100	804	539668.8	4466819	854	539857.3	4466581
755	539528.2	4467099	805	539685.2	4466809	855	539852	4466575
756	539525.83	4467098	806	539702	4466803	856	539844	4466564
757	539523	4467097	807	539716.4	4466793	857	539838.6	4466547
758	539520	4467095	808	539728.7	4466779	858	539838.6	4466543
759	539514.47	4467092	809	539733.9	4466771	859	539844.3	4466532
760	539511.64	4467090	810	539735.3	4466765	860	539850	4466524
761	539506.28	4467087	811	539737.4	4466759	861	539855	4466520
762	539503.17	4467081	812	539740.4	4466754	862	539869.9	4466514
763	539501.31	4467077	813	539742.9	4466748	863	539882.6	4466513
764	539498.49	4467074	814	539743.5	4466741	864	539891.2	4466509
765	539494.73	4467071	815	539740.9	4466732	865	539901.6	4466500
766	539493.06	4467068	816	539737.1	4466723	866	539915.9	4466490
767	539492.47	4467065	817	539731.4	4466712	867	539923.1	4466483
768	539492.52	4467060	818	539725.5	4466697	868	539926.6	4466478
769	539490.25	4467055	819	539720.1	4466685	869	539928.5	4466473
770	539486.48	4467051	820	539719.9	4466678	870	539928.6	4466467
771	539484.13	4467050	821	539726.4	4466667	871	539924.2	4466461
772	539480.76	4467047	822	539736.8	4466657	872	539922.4	4466455
773	539479.56	4467045	823	539747.5	4466647	873	539922.2	4466448



774	539477.59	4467043	824	539759	4466637	874	539922.5	4466441
775	539477.45	4467041	825	539765.7	4466632	875	539923.9	4466433
776	539478.23	4467037	826	539771.5	4466630	876	539928.2	4466427
777	539483.24	4467028	827	539776.6	4466628	877	539936	4466417
778	539484.6	4467025	828	539782.4	4466628	878	539948.3	4466406
779	539485.44	4467021	829	539788.2	4466629	879	539963.6	4466391
780	539486.55	4467017	830	539795.5	4466634	880	539968.9	4466384
781	539487.94	4467011	831	539802.6	4466642	881	539973.7	4466380
782	539489.34	4467003	832	539806	4466648	882	539978.3	4466378
783	539492.61	4466996	833	539809.6	4466651	883	539983.9	4466376
784	539496.1	4466991	834	539812.5	4466651	884	539987.9	4466372
785	539498.8	4466986	835	539818.9	4466649	885	539991.4	4466367
786	539502.03	4466982	836	539822.7	4466646	886	539998.5	4466358
787	539504.4	4466977	837	539826.1	4466644	887	540004.5	4466349
788	539504.66	4466975	838	539833.3	4466641	888	540012.3	4466338
789	539515.16	4466973	839	539841	4466640	889	540018.5	4466329
790	539529.84	4466973	840	539852.4	4466638	890	540025.3	4466322
791	539547.31	4466973	841	539857.4	4466638	891	540031.3	4466317
792	539571.99	4466967	842	539865.9	4466637	892	540036.3	4466311
793	539588.78	4466956	843	539871.2	4466638	893	540042.5	4466305
794	539600.8	4466946	844	539878.6	4466635	894	540048.1	4466295
795	539606.87	4466936	845	539882.3	4466633	895	540056.3	4466281
796	539607.35	4466928	846	539886.9	4466627	896	540061.2	4466270
797	539609.43	4466919	847	539887.7	4466624	897	540067.2	4466257
798	539610.8	4466912	848	539885.2	4466613	898	540070.5	4466244
799	539615.57	4466902	849	539883.5	4466601	899	540070.2	4466223
800	539620.8	4466889	850	539883	4466596	900	540069.8	4466215
901	540067.88	4466200	951	540189.6	4465796	1001	540193.4	4465531
902	540066.65	4466192	952	540189	4465790	1002	540193.5	4465526
903	540063.42	4466185	953	540188.8	4465784	1003	540194.3	4465520
904	540055.63	4466172	954	540186.2	4465775	1004	540196.8	4465516
905	540045.53	4466159	955	540183.3	4465768	1005	540198.8	4465510
906	540038.41	4466145	956	540178.8	4465763	1006	540198.9	4465503
907	540032.64	4466128	957	540174.2	4465759	1007	540199.4	4465495
908	540028.77	4466119	958	540169.6	4465754	1008	540198.3	4465488
909	540026.88	4466111	959	540164.7	4465749	1009	540197.2	4465483
910	540026.96	4466104	960	540163.4	4465745	1010	540196	4465478
911	540027.4	4466095	961	540160.8	4465742	1011	540198.8	4465473
912	540031.43	4466089	962	540154.5	4465738	1012	540202.9	4465470
913	540038.76	4466084	963	540150.6	4465735	1013	540204.9	4465467
914	540047.1	4466078	964	540146.4	4465728	1014	540208.5	4465461
915	540058.42	4466071	965	540145.1	4465721	1015	540211.3	4465456
916	540065.42	4466066	966	540143.2	4465715	1016	540212.6	4465451
917	540070.13	4466059	967	540140.9	4465710	1017	540213.4	4465446
918	540075.82	4466054	968	540136.7	4465708	1018	540217.5	4465441
919	540088.61	4466040	969	540132	4465708	1019	540218.3	4465436



920	540096.64	4466031	970	540127.1	4465708	1020	540215.7	4465432
921	540104.24	4466026	971	540123.1	4465706	1021	540212.9	4465431
922	540109.89	4466018	972	540119.8	4465704	1022	540208.3	4465433
923	540115.25	4466000	973	540115.6	4465701	1023	540200.1	4465433
924	540118.17	4465988	974	540109.7	4465696	1024	540193.4	4465431
925	540122.67	4465976	975	540104.8	4465690	1025	540186.3	4465428
926	540126.7	4465970	976	540100.2	4465687	1026	540178.8	4465423
927	540130.73	4465965	977	540098.9	4465684	1027	540173.7	4465415
928	540137.9	4465962	978	540100.3	4465679	1028	540171	4465409
929	540144.28	4465960	979	540110.3	4465674	1029	540163.5	4465394
930	540151.86	4465957	980	540128.3	4465657	1030	540161.6	4465387
931	540160.26	4465951	981	540140.3	4465650	1031	540161.6	4465385
932	540169.87	4465943	982	540149.3	4465642	1032	540170.5	4465381
933	540177.1	4465936	983	540154.7	4465635	1033	540188.7	4465376
934	540181.94	4465929	984	540159.1	4465628	1034	540221	4465365
935	540187.23	4465917	985	540162.8	4465620	1035	540247.7	4465356
936	540190.92	4465907	986	540168.8	4465615	1036	540255.3	4465352
937	540192.57	4465901	987	540170.5	4465610	1037	540259.3	4465346
938	540191.92	4465889	988	540169.9	4465604	1038	540261	4465338
939	540188.88	4465877	989	540167.3	4465599	1039	540257.9	4465332
940	540185.45	4465865	990	540166.1	4465592	1040	540255.6	4465327
941	540184.74	4465857	991	540166.2	4465584	1041	540250	4465326
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943	540185.77	4465846	993	540169.6	4465572	1043	540239.3	4465324
944	540189.13	4465841	994	540174	4465567	1044	540239	4465321
945	540192.16	4465836	995	540174	4465563	1045	540241.4	4465312
946	540192.56	4465830	996	540176.5	4465556	1046	540242.3	4465307
947	540192.64	4465823	997	540178.1	4465550	1047	540239.6	4465299
948	540193.38	4465816	998	540181.8	4465545	1048	540240.4	4465294
949	540192.78	4465810	999	540188.6	4465541	1049	540244.5	4465287
950	540190.22	4465803	1000	540193	4465534	1050	540247.7	4465282
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1052	540252.68	4465265	1102	539997.1	4465134	1152	539987.7	4464877
1053	540254.36	4465257	1103	539995.3	4465128	1153	539986.1	4464870
1054	540254.82	4465251	1104	539994.8	4465123	1154	539984.2	4464863
1055	540255.32	4465242	1105	539999.4	4465116	1155	539979.7	4464854
1056	540254.25	4465232	1106	540004	4465111	1156	539974.8	4464848
1057	540254.3	4465228	1107	540009.8	4465106	1157	539967.3	4464839
1058	540249.58	4465224	1108	540014.9	4465102	1158	539956.5	4464831
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1060	540236.32	4465227	1110	540026.7	4465090	1160	539929.8	4464820
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1062	540217.17	4465236	1112	540028.9	4465081	1162	539905.3	4464808
1063	540212.98	4465237	1113	540030.8	4465077	1163	539900.7	4464804
1064	540197.85	4465242	1114	540033.5	4465073	1164	539900.8	4464796
1065	540190.65	4465242	1115	540037	4465069	1165	539899.6	4464790



1066	540184.73	4465242	1116	540036.5	4465063	1166	539897.1	4464780
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1068	540174.39	4465239	1118	540023.6	4465053	1168	539894.2	4464770
1069	540170.6	4465237	1119	540017.2	4465051	1169	539891.3	4464766
1070	540167.26	4465233	1120	540014.1	4465051	1170	539883.4	4464759
1071	540164.58	4465227	1121	540009.6	4465051	1171	539879.5	4464751
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1073	540156.05	4465213	1123	539997.2	4465044	1173	539874.7	4464734
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1076	540126.11	4465203	1126	539988.1	4465028	1176	539876.3	4464717
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1079	540094.33	4465205	1129	539983	4465010	1179	539894.2	4464706
1080	540081.01	4465204	1130	539982.7	4464998	1180	539901.9	4464705
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1086	540011.32	4465210	1136	539995	4464960	1186	539938.4	4464689
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1092	540009.21	4465186	1142	539979.8	4464933	1192	539966.3	4464654
1093	540010.36	4465178	1143	539976.2	4464927	1193	539972.3	4464651
1094	540010.4	4465174	1144	539973.4	4464918	1194	539979.6	4464647
1095	540008.35	4465168	1145	539973.4	4464914	1195	539985.6	4464646
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1097	540008.45	4465159	1147	539978.8	4464903	1197	540008.2	4464648
1098	540008.52	4465154	1148	539983.2	4464901	1198	540017.2	4464648
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1201	540050.58	4464647	1251	540127.7	4464350	1301	540395.8	4464175
1202	540058.22	4464645	1252	540130.7	4464345	1302	540401.7	4464177
1203	540063.57	4464639	1253	540133.1	4464340	1303	540405.7	4464178
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1208	540079.8	4464608	1258	540153.5	4464313	1308	540425.7	4464172
1209	540083.51	4464602	1259	540158.6	4464311	1309	540435.5	4464170
1210	540085.57	4464595	1260	540168	4464306	1310	540441.8	4464167
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1212	540093.75	4464573	1262	540178.6	4464299	1312	540455	4464165
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1214	540094.92	4464558	1264	540188.6	4464294	1314	540471.9	4464167
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1218	540080.66	4464517	1268	540207.7	4464276	1318	540502	4464165
1219	540081.77	4464513	1269	540210.1	4464270	1319	540508.4	4464159
1220	540085.25	4464509	1270	540212.4	4464265	1320	540512.9	4464155
1221	540090.05	4464505	1271	540219	4464263	1321	540517.6	4464150
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1224	540110.58	4464492	1274	540230.2	4464248	1324	540537.7	4464135
1225	540116.98	4464487	1275	540233.6	4464244	1325	540542.9	4464128
1226	540121.26	4464483	1276	540235.5	4464241	1326	540545.6	4464124
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1232	540137.78	4464450	1282	540249.9	4464207	1332	540549.5	4464086
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1234	540142.71	4464435	1284	540258.9	4464195	1334	540550.2	4464078
1235	540146.77	4464427	1285	540265.1	4464193	1335	540549	4464073
1236	540155.91	4464414	1286	540270.6	4464192	1336	540547.8	4464069
1237	540159.94	4464408	1287	540286.5	4464191	1337	540544.5	4464061
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1239	540164.81	4464400	1289	540308.3	4464188	1339	540539.5	4464046
1240	540165.13	4464395	1290	540315.9	4464187	1340	540536.6	4464036
1241	540160.43	4464388	1291	540322.9	4464185	1341	540534.4	4464027
1242	540157.32	4464383	1292	540334.2	4464183	1342	540533.2	4464018
1243	540156.03	4464380	1293	540346.1	4464184	1343	540530.6	4464011
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1247	540137.08	4464371	1297	540373	4464176	1347	540503.9	4463972
1248	540133.17	4464366	1298	540377.6	4464174	1348	540501.2	4463966
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1250	540127.18	4464356	1300	540390.5	4464174	1350	540494.6	4463957
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1353	540481.53	4463949	1403	540709.2	4463830	1453	540803.1	4463466
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1355	540473.75	4463935	1405	540719.7	4463826	1455	540803.6	4463448
1356	540470.65	4463929	1406	540727.2	4463811	1456	540800.8	4463438
1357	540469.85	4463925	1407	540730	4463800	1457	540798.5	4463429



1358	540469.9	4463921	1408	540732.5	4463785	1458	540797	4463419
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1361	540476.1	4463915	1411	540744.2	4463751	1461	540793.4	4463386
1362	540479.73	4463913	1412	540747.1	4463748	1462	540796.9	4463365
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1364	540490.79	4463908	1414	540756.7	4463737	1464	540819	4463320
1365	540496.13	4463903	1415	540759.5	4463731	1465	540827.5	4463305
1366	540501.27	4463898	1416	540762	4463723	1466	540832.7	4463293
1367	540503.86	4463894	1417	540763.3	4463716	1467	540836.2	4463288
1368	540506.01	4463890	1418	540766.2	4463708	1468	540840.2	4463284
1369	540509.21	4463888	1419	540768.6	4463701	1469	540845.5	4463281
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1371	540514.79	4463882	1421	540777.1	4463685	1471	540861.9	4463267
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1373	540517.67	4463870	1423	540781.6	4463673	1473	540873.6	4463246
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1376	540530.72	4463857	1426	540777.5	4463654	1476	540890	4463215
1377	540534.56	4463854	1427	540774	4463647	1477	540892.9	4463207
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1379	540544.68	4463844	1429	540759.4	4463635	1479	540896.2	4463194
1380	540549.66	4463838	1430	540751.5	4463631	1480	540896.7	4463187
1381	540553.83	4463834	1431	540744.8	4463628	1481	540897.4	4463181
1382	540555.93	4463832	1432	540738.1	4463624	1482	540898.9	4463176
1383	540558.97	4463829	1433	540731.9	4463617	1483	540902	4463169
1384	540562.47	4463828	1434	540731.1	4463610	1484	540904	4463160
1385	540566.93	4463827	1435	540728.1	4463600	1485	540905.8	4463146
1386	540577.6	4463824	1436	540728.1	4463594	1486	540907.2	4463134
1387	540593.87	4463817	1437	540724.3	4463585	1487	540908	4463117
1388	540605.98	4463813	1438	540721.2	4463574	1488	540907.7	4463106
1389	540610.75	4463813	1439	540719.7	4463567	1489	540907.3	4463097
1390	540617.09	4463814	1440	540719.8	4463559	1490	540906.1	4463092
1391	540626.44	4463815	1441	540723.1	4463553	1491	540903.9	4463086
1392	540632.61	4463817	1442	540737.5	4463539	1492	540903.1	4463077
1393	540636.88	4463819	1443	540747.5	4463531	1493	540904.1	4463069
1394	540646.29	4463819	1444	540753.5	4463524	1494	540904.8	4463061
1395	540651.99	4463819	1445	540764.7	4463512	1495	540905.7	4463053
1396	540658.14	4463818	1446	540770.2	4463506	1496	540908.3	4463045
1397	540667.04	4463818	1447	540776.3	4463498	1497	540911.4	4463041
1398	540674.64	4463820	1448	540780.6	4463493	1498	540918.5	4463033
1399	540685.59	4463825	1449	540785	4463487	1499	540923.6	4463027
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1501	540926.7	4463017	1551	541003.9	4462526	1601	540925.1	4462121
1502	540928.28	4463008	1552	541009.9	4462522	1602	540930.5	4462113
1503	540929.67	4462998	1553	541013.2	4462518	1603	540940.9	4462100



1504	540931.28	4462987	1554	541017.3	4462513	1604	540969.6	4462075
1505	540932.87	4462977	1555	541019	4462506	1605	540983.7	4462060
1506	540934.44	4462969	1556	541018.7	4462499	1606	541005.9	4462039
1507	540934.97	4462960	1557	541020.8	4462492	1607	541019.7	4462018
1508	540933.55	4462950	1558	541022.6	4462483	1608	541021.5	4462006
1509	540929.04	4462938	1559	541022.7	4462472	1609	541021.2	4461997
1510	540924.47	4462929	1560	541021.9	4462457	1610	541021.4	4461985
1511	540921.81	4462922	1561	541026	4462438	1611	541021.9	4461971
1512	540921.08	4462911	1562	541030.5	4462425	1612	541024.7	4461959
1513	540920.35	4462901	1563	541033.6	4462413	1613	541029.8	4461946
1514	540918.35	4462891	1564	541036.3	4462407	1614	541035.2	4461932
1515	540914.48	4462877	1565	541042	4462401	1615	541037.6	4461922
1516	540912.22	4462871	1566	541045.3	4462398	1616	541039.4	4461909
1517	540909.72	4462867	1567	541048.7	4462391	1617	541046.1	4461889
1518	540904.43	4462862	1568	541050.1	4462385	1618	541046.8	4461882
1519	540899.49	4462855	1569	541049.9	4462378	1619	541048.3	4461871
1520	540908.03	4462835	1570	541048.6	4462369	1620	541047	4461862
1521	540913.11	4462824	1571	541049.8	4462357	1621	541044.2	4461852
1522	540915.88	4462813	1572	541047.5	4462351	1622	541041	4461842
1523	540917.29	4462806	1573	541044.9	4462343	1623	541036.1	4461835
1524	540918.02	4462799	1574	541044	4462335	1624	541017.4	4461827
1525	540918.14	4462789	1575	541044	4462328	1625	541009.4	4461823
1526	540920.99	4462771	1576	541042.3	4462323	1626	541000.6	4461820
1527	540922.12	4462758	1577	541039.2	4462317	1627	540994.3	4461816
1528	540923.91	4462747	1578	541033.1	4462312	1628	540988.4	4461812
1529	540924.01	4462737	1579	541023.1	4462307	1629	540982.2	4461807
1530	540924.49	4462724	1580	541008.1	4462302	1630	540977.9	4461802
1531	540924.63	4462712	1581	540990.5	4462294	1631	540974.4	4461796
1532	540921.82	4462697	1582	540973.9	4462282	1632	540972.1	4461789
1533	540916.09	4462677	1583	540954.7	4462271	1633	540969.2	4461781
1534	540913.09	4462670	1584	540941.3	4462264	1634	540969.7	4461773
1535	540912.86	4462660	1585	540929.4	4462257	1635	540973.8	4461761
1536	540913.61	4462653	1586	540918.2	4462251	1636	540981.8	4461751
1537	540913.09	4462640	1587	540909.3	4462245	1637	540990.5	4461743
1538	540912.85	4462632	1588	540903.2	4462240	1638	540996.2	4461736
1539	540912.96	4462623	1589	540899	4462235	1639	541001.3	4461728
1540	540913.73	4462612	1590	540898.1	4462229	1640	541008.3	4461716
1541	540916.17	4462602	1591	540897.1	4462218	1641	541017.9	4461693
1542	540920.57	4462593	1592	540898.6	4462201	1642	541026.8	4461678
1543	540927.72	4462575	1593	540902.9	4462185	1643	541032.9	4461669
1544	540937.46	4462562	1594	540904.3	4462176	1644	541041.7	4461657
1545	540943.5	4462554	1595	540905.1	4462168	1645	541051.4	4461646
1546	540956.12	4462538	1596	540905.5	4462161	1646	541065.5	4461631
1547	540969.1	4462531	1597	540906.9	4462155	1647	541076.7	4461622
1548	540983.36	4462527	1598	540908.6	4462149	1648	541096.6	4461612
1549	540990.3	4462528	1599	540912	4462143	1649	541107.8	4461608



1550	540994.27	4462527	1600	540918.1	4462132	1650	541122.9	4461608
1651	541130.82	4461607	1701	541091.5	4461225	1751	541037	4460438
1652	541135.45	4461609	1702	541090.4	4461213	1752	541037.9	4460429
1653	541147.4	4461615	1703	541090.5	4461203	1753	541040.3	4460420
1654	541167.95	4461623	1704	541091.8	4461193	1754	541046.8	4460410
1655	541177.44	4461627	1705	541095.9	4461183	1755	541054	4460401
1656	541190.1	4461630	1706	541103.2	4461173	1756	541057.7	4460394
1657	541199.99	4461633	1707	541108.9	4461164	1757	541067.8	4460380
1658	541207.52	4461634	1708	541115.3	4461151	1758	541077.6	4460367
1659	541215.45	4461634	1709	541119.8	4461139	1759	541090.4	4460357
1660	541223.41	4461632	1710	541124.3	4461127	1760	541104.4	4460352
1661	541229.79	4461630	1711	541139.4	4461102	1761	541118.7	4460348
1662	541237.42	4461622	1712	541150.6	4461083	1762	541129.9	4460341
1663	541239.92	4461612	1713	541160.2	4461067	1763	541137.5	4460336
1664	541239.63	4461602	1714	541165.2	4461044	1764	541143.5	4460327
1665	541233.42	4461590	1715	541165	4461028	1765	541151.7	4460315
1666	541230.75	4461580	1716	541163.1	4461018	1766	541158.7	4460306
1667	541228.51	4461567	1717	541163.3	4461008	1767	541163	4460299
1668	541226.68	4461554	1718	541163.4	4460996	1768	541165	4460293
1669	541228.78	4461544	1719	541161.5	4460986	1769	541166.6	4460286
1670	541232.47	4461533	1720	541157.7	4460974	1770	541166.7	4460278
1671	541236.69	4461500	1721	541151.1	4460962	1771	541163.7	4460267
1672	541238.53	4461478	1722	541134.7	4460940	1772	541160	4460261
1673	541239.07	4461465	1723	541108.2	4460893	1773	541152.7	4460255
1674	541239.19	4461455	1724	541103.7	4460872	1774	541134.6	4460233
1675	541238.92	4461443	1725	541101.8	4460858	1775	541125.4	4460225
1676	541235.89	4461430	1726	541099.6	4460842	1776	541117.6	4460218
1677	541230.5	4461415	1727	541101	4460825	1777	541111.7	4460209
1678	541224.69	4461403	1728	541104.2	4460814	1778	541109.5	4460202
1679	541216.1	4461391	1729	541106.5	4460794	1779	541108.3	4460195
1680	541209.86	4461380	1730	541108.8	4460780	1780	541107.3	4460189
1681	541203.59	4461374	1731	541110	4460765	1781	541107.1	4460180
1682	541196.11	4461368	1732	541110.7	4460754	1782	541105.9	4460172
1683	541192.24	4461359	1733	541110.8	4460745	1783	541103.9	4460167
1684	541188.03	4461345	1734	541108.8	4460734	1784	541103.3	4460162
1685	541182.66	4461329	1735	541104.7	4460721	1785	541103.4	4460156
1686	541177.21	4461320	1736	541098	4460706	1786	541103.5	4460148
1687	541168.19	4461310	1737	541089.7	4460684	1787	541100.3	4460141
1688	541153.93	4461307	1738	541056.4	4460635	1788	541097.4	4460135
1689	541128.63	4461300	1739	541020.5	4460578	1789	541095.1	4460129
1690	541119.64	4461297	1740	541010.7	4460550	1790	541093.2	4460121
1691	541109.78	4461293	1741	541009.3	4460532	1791	541092.7	4460111
1692	541102.67	4461289	1742	541007.9	4460516	1792	541092.4	4460103
1693	541095.99	4461283	1743	541007.2	4460506	1793	541092.2	4460091
1694	541090.89	4461278	1744	541008.5	4460498	1794	541084.4	4460058
1695	541088.56	4461274	1745	541012.6	4460489	1795	541080.6	4460041



1696	541086.26	4461266	1746	541019	4460483	1796	541074.8	4460024
1697	541087.53	4461259	1747	541023.8	4460476	1797	541069.4	4460009
1698	541089.99	4461252	1748	541029.5	4460467	1798	541062.8	4459998
1699	541091.28	4461243	1749	541033.6	4460457	1799	541052.6	4459984
1700	541091.39	4461234	1750	541036.5	4460446	1800	541044.5	4459972
1801	541032.67	4459961	1851	540859.3	4459543	1901	541093	4459428
1802	541014.88	4459954	1852	540850.4	4459536	1902	541098.2	4459436
1803	541003.03	4459949	1853	540844.4	4459529	1903	541105.7	4459447
1804	540991.2	4459942	1854	540841.6	4459521	1904	541115.7	4459468
1805	540981.35	4459936	1855	540839.5	4459512	1905	541119.8	4459483
1806	540971.92	4459927	1856	540837.8	4459503	1906	541123	4459494
1807	540966.07	4459918	1857	540841.9	4459489	1907	541130.8	4459508
1808	540958.65	4459907	1858	540850.6	4459478	1908	541141.2	4459522
1809	540951.22	4459897	1859	540856.7	4459469	1909	541151	4459532
1810	540941.38	4459890	1860	540859.4	4459462	1910	541157.4	4459537
1811	540931.14	4459883	1861	540860.8	4459455	1911	541164.9	4459540
1812	540922.91	4459874	1862	540860.9	4459447	1912	541173.2	4459541
1813	540916.7	4459861	1863	540860.4	4459435	1913	541180.1	4459541
1814	540909.49	4459835	1864	540856.2	4459423	1914	541190.4	4459539
1815	540908.06	4459820	1865	540853.1	4459410	1915	541213	4459531
1816	540908.71	4459810	1866	540853	4459390	1916	541231.1	4459522
1817	540907.23	4459801	1867	540852.4	4459380	1917	541262.5	4459506
1818	540905.28	4459785	1868	540851.2	4459371	1918	541291.5	4459489
1819	540901.21	4459771	1869	540848.6	4459362	1919	541304.1	4459488
1820	540897.61	4459765	1870	540846.1	4459355	1920	541318.3	4459487
1821	540891.62	4459758	1871	540845.1	4459329	1921	541334.1	4459492
1822	540886.73	4459754	1872	540845.7	4459319	1922	541347.3	4459497
1823	540877.75	4459746	1873	540847.4	4459309	1923	541356.8	4459500
1824	540869.84	4459737	1874	540850.2	4459296	1924	541364.7	4459506
1825	540867.37	4459734	1875	540856.2	4459282	1925	541367.3	4459508
1826	540862.22	4459725	1876	540862.7	4459272	1926	541377.7	4459527
1827	540861.02	4459722	1877	540870.7	4459265	1927	541385.4	4459552
1828	540856.65	4459707	1878	540883.5	4459259	1928	541395.4	4459600
1829	540854.95	4459696	1879	540893.6	4459255	1929	541396.8	4459624
1830	540855.3	4459689	1880	540908.4	4459257	1930	541396.6	4459640
1831	540856.43	4459683	1881	540922.5	4459267	1931	541395.7	4459654
1832	540857.82	4459677	1882	540935.2	4459274	1932	541396.3	4459663
1833	540858.42	4459671	1883	540950.9	4459282	1933	541400.7	4459670
1834	540858.23	4459664	1884	540959.3	4459290	1934	541406.7	4459677
1835	540856.95	4459661	1885	540972.4	4459300	1935	541410.7	4459681
1836	540853.11	4459649	1886	540984.5	4459310	1936	541414.7	4459683
1837	540850.82	4459641	1887	540992.8	4459321	1937	541420	4459684
1838	540848.52	4459634	1888	541003.2	4459323	1938	541423.8	4459683
1839	540848.23	4459623	1889	541013.4	4459333	1939	541432.8	4459681
1840	540847.59	4459621	1890	541016.3	4459338	1940	541445.3	4459677
1841	540854.07	4459609	1891	541020.2	4459345	1941	541457.2	4459672



1842	540858.41	4459599	1892	541024.1	4459350	1942	541465.6	4459674
1843	540862.23	4459589	1893	541028	4459354	1943	541473.7	4459675
1844	540866.31	4459580	1894	541033.2	4459360	1944	541482	4459674
1845	540868.5	4459573	1895	541042.1	4459369	1945	541491	4459671
1846	540872.28	4459567	1896	541050.2	4459378	1946	541497.2	4459667
1847	540874.72	4459561	1897	541056.8	4459384	1947	541512.6	4459658
1848	540874.8	4459554	1898	541064.3	4459390	1948	541533.4	4459642
1849	540871.68	4459549	1899	541078.1	4459404	1949	541546.4	4459637
1850	540865.88	4459547	1900	541085.2	4459418	1950	541566.3	4459633
1951	541590.95	4459629	2001	542321	4459606	2051	542706.8	4458009
1952	541601.84	4459625	2002	542342.3	4459596	2052	542688.3	4457964
1953	541612.46	4459622	2003	542364.7	4459581	2053	542663.3	4457928
1954	541622.81	4459619	2004	542381.8	4459571	2054	542647.1	4457864
1955	541630.73	4459620	2005	542407.4	4459553	2055	542635	4457805
1956	541637.62	4459626	2006	542420.7	4459542	2056	542632.7	4457735
1957	541650.92	4459637	2007	542423.5	4459534	2057	542626.1	4457695
1958	541665.13	4459652	2008	542426.1	4459511	2058	542618	4457675
1959	541687.87	4459676	2009	542424.8	4459489	2059	542602.2	4457647
1960	541714.13	4459694	2010	542420.7	4459461	2060	542561.6	4457601
1961	541720.98	4459697	2011	542421.5	4459447	2061	542547.7	4457572
1962	541729.19	4459696	2012	542422.7	4459426	2062	542543.1	4457553
1963	541737.17	4459692	2013	542435.2	4459408	2063	542524.5	4457509
1964	541750.77	4459683	2014	542448.9	4459389	2064	542510.8	4457484
1965	541761.97	4459676	2015	542478.4	4459374	2065	542513.5	4457474
1966	541766.04	4459667	2016	542503.2	4459371	2066	542546.6	4457458
1967	541773.12	4459648	2017	542525.1	4459367	2067	542567.8	4457447
1968	541779.08	4459636	2018	542543.6	4459365	2068	542612.8	4457429
1969	541795.7	4459617	2019	542554.8	4459369	2069	542633.8	4457420
1970	541806.64	4459609	2020	542562.7	4459377	2070	542682.7	4457391
1971	541829.54	4459597	2021	542571.2	4459387	2071	542707.9	4457369
1972	541865.74	4459577	2022	542579.7	4459397	2072	542731.6	4457333
1973	541873.99	4459574	2023	542590.1	4459410	2073	542767.2	4457280
1974	541881.83	4459574	2024	542604.5	4459427	2074	542824	4457070
1975	541888.19	4459582	2025	542613.6	4459436	2075	542873	4456964
1976	541891.14	4459584	2026	542624.7	4459449	2076	542880.2	4456917
1977	541897.06	4459587	2027	542639.8	4459461	2077	542874.6	4456872
1978	541903.68	4459586	2028	542654.9	4459468	2078	542849.3	4456817
1979	541913.62	4459585	2029	542672.7	4459477	2079	542844.3	4456757
1980	541931.88	4459578	2030	542687.9	4459480	2080	542839.9	4456706
1981	541941.55	4459572	2031	542699.7	4459485	2081	542818.9	4456712
1982	541959.23	4459559	2032	542712.8	4459501	2082	542790.6	4456720
1983	541976.63	4459541	2033	542720.7	4459509	2083	542763.7	4456713
1984	542003.53	4459517	2034	542738.5	4459512	2084	542740.1	4456692
1985	542022.83	4459503	2035	542753.8	4459510	2085	542720	4456640
1986	542035.17	4459500	2036	542780.8	4459398	2086	542681.2	4456573
1987	542053.45	4459498	2037	542801.3	4459298	2087	542630.9	4456531



1988	542078.09	4459495	2038	542802.5	4459096	2088	542588.4	4456497
1989	542093.31	4459499	2039	542811	4459046	2089	542564.9	4456464
1990	542100.62	4459503	2040	542824.6	4459017	2090	542565.8	4456450
1991	542106.22	4459508	2041	542841.4	4458933	2091	542569.2	4456438
1992	542119.3	4459522	2042	542855.7	4458835	2092	542586.5	4456316
1993	542138.05	4459540	2043	542854.6	4458705	2093	542589.1	4456298
1994	542149.2	4459549	2044	542840	4458586	2094	542593.6	4456269
1995	542160.72	4459556	2045	542814.9	4458469	2095	542593.6	4456247
1996	542181.25	4459566	2046	542823.8	4458382	2096	542582.4	4456229
1997	542210.26	4459574	2047	542811.5	4458297	2097	542570.6	4456219
1998	542246.63	4459588	2048	542798.7	4458265	2098	542552.8	4456204
1999	542270.81	4459602	2049	542778.1	4458212	2099	542539.1	4456182
2000	542301.96	4459608	2050	542739.8	4458088	2100	542536.5	4456166
2101	542536.73	4456151	2151	543780.1	4452531	2201	546124.3	4449988
2102	542545.14	4456094	2152	543834	4452446	2202	546151.2	4449943
2103	542587.06	4455940	2153	543864.9	4452384	2203	546172.6	4449928
2104	542664.23	4455669	2154	543880	4452354	2204	546227	4449911
2105	542679.05	4455622	2155	543872.6	4452313	2205	546256.2	4449899
2106	542689.11	4455574	2156	543857	4452287	2206	546289.6	4449876
2107	542675.58	4455507	2157	543831.5	4452241	2207	546361.4	4449841
2108	542648.86	4455394	2158	543838.6	4452226	2208	546410.7	4449812
2109	542630.02	4455324	2159	543879	4452176	2209	546505.6	4449729
2110	542630.84	4455251	2160	543903.1	4452158	2210	546611	4449648
2111	542633.82	4455222	2161	543954.1	4452090	2211	546676.4	4449592
2112	542654.19	4455172	2162	543978.4	4452051	2212	546717.9	4449553
2113	542669.14	4455156	2163	544034.6	4451996	2213	546747.7	4449497
2114	542706.64	4455148	2164	544077.3	4451957	2214	546752.6	4449477
2115	542753.13	4455155	2165	544163.1	4451862	2215	546761.4	4449454
2116	542789.07	4455159	2166	544267.3	4451787	2216	546780.2	4449428
2117	542833.66	4455147	2167	544320.9	4451734	2217	546804.3	4449409
2118	542836.32	4455098	2168	544376.2	4451647	2218	546842.2	4449391
2119	542834.64	4455060	2169	544410.4	4451593	2219	546902	4449364
2120	542829.07	4454990	2170	544434.5	4451521	2220	546956.5	4449346
2121	542825.22	4454956	2171	544545.5	4451422	2221	546980.5	4449324
2122	542815.52	4454878	2172	544621.5	4451335	2222	547000	4449296
2123	542813.91	4454834	2173	544681.8	4451269	2223	547033.6	4449252
2124	542827.15	4454785	2174	544731.6	4451207	2224	547061.4	4449207
2125	542836.07	4454745	2175	544768.8	4451117	2225	547106.5	4449171
2126	542838.67	4454703	2176	544826	4451089	2226	547167.8	4449132
2127	542843.54	4454645	2177	544849.4	4451079	2227	547247.4	4449083
2128	542846.38	4454582	2178	544896.8	4451002	2228	547391.3	4449198
2129	542859.72	4454525	2179	544959.5	4450949	2229	547496.1	4449282
2130	542868.57	4454491	2180	545035.1	4450900	2230	547618.3	4449347
2131	542879.82	4454432	2181	545082.2	4450846	2231	547705.9	4449380
2132	542903.86	4454365	2182	545131.6	4450774	2232	547852.7	4449419
2133	542973.77	4454258	2183	545171	4450716	2233	547904.3	4449440



2134	543025.93	4454208	2184	545194.2	4450642	2234	548078.3	4449491
2135	543063.36	4454174	2185	545206.4	4450612	2235	548095.3	4449420
2136	543116.02	4454126	2186	545251.1	4450525	2236	548102.4	4449406
2137	543195.43	4454053	2187	545271.2	4450500	2237	548110.5	4449390
2138	543222.45	4454023	2188	545295.5	4450456	2238	548112.7	4449380
2139	543270.68	4453946	2189	545309.1	4450427	2239	548110.7	4449372
2140	543302.92	4453861	2190	545323.9	4450390	2240	548105	4449361
2141	543355.43	4453772	2191	545359.8	4450333	2241	548101.4	4449354
2142	543388.28	4453686	2192	545511.5	4450250	2242	548098.8	4449344
2143	543400.97	4453559	2193	545563.8	4450296	2243	548099.5	4449336
2144	543410.12	4453515	2194	545607.2	4450318	2244	548099.6	4449326
2145	543414.27	4453488	2195	545633.7	4450318	2245	548102.8	4449324
2146	543518.95	4452954	2196	545677.5	4450306	2246	548108.6	4449324
2147	543524.73	4452934	2197	545728.1	4450278	2247	548113.3	4449329
2148	543556.78	4452822	2198	545772.2	4450234	2248	548116.4	4449335
2149	543720.36	4452641	2199	545825.6	4450194	2249	548119	4449341
2150	543742.1	4452619	2200	546007	4450061	2250	548123.1	4449350
2251	548128.87	4449355	2301	548081	4449013	2351	548122.9	4448550
2252	548137.29	4449359	2302	548075.1	4449007	2352	548113	4448544
2253	548145.76	4449359	2303	548064	4448995	2353	548107.1	4448540
2254	548155.83	4449358	2304	548060.8	4448984	2354	548104.9	4448530
2255	548161.69	4449354	2305	548061	4448969	2355	548105.8	4448518
2256	548166.04	4449344	2306	548060.5	4448956	2356	548111.1	4448508
2257	548164.51	4449339	2307	548066.3	4448936	2357	548117.9	4448498
2258	548159.29	4449332	2308	548076.9	4448914	2358	548125.3	4448481
2259	548151.4	4449328	2309	548100.5	4448859	2359	548133.8	4448464
2260	548144.59	4449322	2310	548110.2	4448837	2360	548138.3	4448455
2261	548138.31	4449316	2311	548107.6	4448823	2361	548139.1	4448447
2262	548134.68	4449309	2312	548101.7	4448811	2362	548138.9	4448435
2263	548130.55	4449300	2313	548093.9	4448800	2363	548139	4448426
2264	548126.41	4449292	2314	548083.8	4448787	2364	548143.4	4448420
2265	548117.98	4449288	2315	548068	4448777	2365	548152.2	4448417
2266	548109.57	4449283	2316	548057.4	4448770	2366	548161.7	4448415
2267	548102.27	4449273	2317	548051.9	4448764	2367	548174.5	4448405
2268	548098.66	4449265	2318	548050.3	4448760	2368	548183.6	4448395
2269	548097.14	4449259	2319	548052	4448756	2369	548195.4	4448381
2270	548099.33	4449252	2320	548059.9	4448753	2370	548204.5	4448371
2271	548105.71	4449250	2321	548064.7	4448750	2371	548209.4	4448363
2272	548111.53	4449250	2322	548075.9	4448748	2372	548213.7	4448354
2273	548121.56	4449252	2323	548082.6	4448745	2373	548223.9	4448342
2274	548140.06	4449254	2324	548090.7	4448737	2374	548234.6	4448330
2275	548146.96	4449252	2325	548094.7	4448730	2375	548246.4	4448319
2276	548151.31	4449242	2326	548091.2	4448720	2376	548255.5	4448306
2277	548152.48	4449232	2327	548086.6	4448710	2377	548259.9	4448296
2278	548150.49	4449221	2328	548081.1	4448703	2378	548261.6	4448283
2279	548145.29	4449212	2329	548077.3	4448694	2379	548263.3	4448277



2280	548142.24	4449202	2330	548074.2	4448685	2380	548270.2	4448270
2281	548141.92	4449183	2331	548074.3	4448679	2381	548286.8	4448259
2282	548140.21	4449159	2332	548075.9	4448673	2382	548296.3	4448255
2283	548137.06	4449145	2333	548082.3	4448671	2383	548303.3	4448247
2284	548131.83	4449139	2334	548089.4	4448670	2384	548306.1	4448234
2285	548121.94	4449136	2335	548098.2	4448666	2385	548305.2	4448223
2286	548109.36	4449137	2336	548102.3	4448659	2386	548304.2	4448212
2287	548089.58	4449132	2337	548101.6	4448651	2387	548304.8	4448203
2288	548078.38	4449127	2338	548098	4448645	2388	548307.6	4448193
2289	548067.24	4449118	2339	548094.5	4448639	2389	548317.3	4448181
2290	548046.88	4449105	2340	548097	4448629	2390	548331.7	4448167
2291	548026.51	4449093	2341	548099.5	4448620	2391	548345.1	4448156
2292	548022.68	4449081	2342	548103.6	4448613	2392	548357.1	4448149
2293	548023.41	4449074	2343	548110	4448607	2393	548363.7	4448130
2294	548028.17	4449063	2344	548114.8	4448602	2394	548361.5	4448113
2295	548042.13	4449057	2345	548117.6	4448596	2395	548359.2	4448101
2296	548055.47	4449047	2346	548123.3	4448588	2396	548351.4	4448088
2297	548076.03	4449042	2347	548130.9	4448578	2397	548351.6	4448073
2298	548083.36	4449038	2348	548137.8	4448570	2398	548356.5	4448062
2299	548087.44	4449028	2349	548135.5	4448561	2399	548369.3	4448057
2300	548086.87	4449019	2350	548129.2	4448555	2400	548386	4448051
2401	548395.55	4448047	2451	548213.2	4447481	2501	547929.9	4447136
2402	548398.85	4448036	2452	548199.5	4447477	2502	547944.1	4447122
2403	548401.4	4448022	2453	548191.6	4447476	2503	547948.8	4447114
2404	548407.85	4448013	2454	548163.3	4447463	2504	547953.2	4447108
2405	548416.69	4448003	2455	548154.1	4447462	2505	547961.5	4447105
2406	548421.56	4447994	2456	548120.1	4447456	2506	547969.8	4447103
2407	548421.69	4447982	2457	548107.6	4447458	2507	547981.3	4447104
2408	548420.28	4447967	2458	548092.3	4447465	2508	547996.9	4447105
2409	548414.9	4447951	2459	548075.3	4447470	2509	548014.5	4447110
2410	548409.47	4447940	2460	548057.8	4447472	2510	548032.9	4447114
2411	548408.04	4447925	2461	548047.7	4447471	2511	548042.5	4447116
2412	548410.55	4447914	2462	548040.1	4447468	2512	548050.1	4447118
2413	548417.78	4447906	2463	548031.5	4447459	2513	548064.2	4447116
2414	548424.18	4447902	2464	548014.2	4447441	2514	548075.6	4447113
2415	548429.81	4447895	2465	547997.3	4447428	2515	548084.9	4447109
2416	548429.1	4447888	2466	547984.4	4447406	2516	548090.7	4447104
2417	548422.83	4447881	2467	547977.9	4447396	2517	548094.8	4447098
2418	548413.38	4447874	2468	547971.7	4447387	2518	548097.8	4447087
2419	548410.3	4447866	2469	547969.9	4447383	2519	548097.9	4447076
2420	548410.39	4447858	2470	547968.5	4447371	2520	548092.8	4447066
2421	548416.88	4447845	2471	547968.1	4447364	2521	548082.5	4447058
2422	548421.79	4447833	2472	547967.6	4447356	2522	548069.2	4447052
2423	548421.88	4447825	2473	547966.9	4447334	2523	548048.3	4447044
2424	548413.23	4447817	2474	547969.9	4447327	2524	548032.5	4447040
2425	548399.88	4447805	2475	547974	4447319	2525	548011.9	4447037



2426	548380.21	4447788	2476	547975.1	4447312	2526	547996.3	4447030
2427	548361.37	4447770	2477	547976.1	4447305	2527	547987.1	4447023
2428	548336.92	4447753	2478	547976.5	4447298	2528	547981.6	4447018
2429	548346.58	4447740	2479	547978.3	4447286	2529	547977.2	4447011
2430	548350.44	4447727	2480	547987.6	4447256	2530	547972.5	4447006
2431	548350.64	4447709	2481	547992.4	4447238	2531	547969.7	4447001
2432	548352.9	4447697	2482	547994.8	4447229	2532	547967.9	4446997
2433	548351.41	4447688	2483	547995.3	4447222	2533	547968.5	4446991
2434	548348.92	4447674	2484	547995	4447216	2534	547971.1	4446986
2435	548345.89	4447661	2485	547993.7	4447210	2535	547977.5	4446980
2436	548339.71	4447646	2486	547990	4447207	2536	547984.7	4446975
2437	548340.18	4447634	2487	547982.9	4447201	2537	547992.7	4446974
2438	548337.37	4447617	2488	547973	4447200	2538	548002	4446974
2439	548335.85	4447613	2489	547960.1	4447203	2539	548011.6	4446977
2440	548326.02	4447593	2490	547945.8	4447207	2540	548022.2	4446981
2441	548324.66	4447588	2491	547935.9	4447209	2541	548029.4	4446981
2442	548318.06	4447578	2492	547929.6	4447209	2542	548039.5	4446978
2443	548313.19	4447572	2493	547921.3	4447208	2543	548045.1	4446976
2444	548300.49	4447555	2494	547903.8	4447201	2544	548053.6	4446973
2445	548291.71	4447541	2495	547895.3	4447195	2545	548058.9	4446970
2446	548284.56	4447531	2496	547892.4	4447190	2546	548064.5	4446966
2447	548276.07	4447520	2497	547891.8	4447183	2547	548068	4446962
2448	548265.89	4447507	2498	547894.8	4447177	2548	548068.3	4446957
2449	548253.96	4447500	2499	547904.2	4447168	2549	548064.4	4446950
2450	548228.01	4447488	2500	547916.1	4447155	2550	548057.4	4446940
2551	548048.47	4446929	2601	547899	4446641	2651	547592.3	4446234
2552	548043.54	4446923	2602	547895.1	4446644	2652	547605.5	4446220
2553	548035.76	4446909	2603	547890.4	4446647	2653	547624.7	4446214
2554	548032.7	4446899	2604	547884.6	4446649	2654	547643.2	4446210
2555	548030.42	4446890	2605	547878.1	4446654	2655	547666.6	4446206
2556	548030.23	4446883	2606	547876.4	4446656	2656	547676.7	4446196
2557	548030.35	4446873	2607	547872.5	4446656	2657	547683.8	4446182
2558	548033.62	4446864	2608	547869.1	4446655	2658	547685.5	4446171
2559	548028.58	4446854	2609	547864.5	4446652	2659	547685	4446163
2560	548023.96	4446853	2610	547860.5	4446649	2660	547678.7	4446149
2561	548020.73	4446847	2611	547857.6	4446644	2661	547674.2	4446138
2562	548017.16	4446840	2612	547855.1	4446641	2662	547656.8	4446133
2563	548010.6	4446836	2613	547852	4446638	2663	547641	4446130
2564	548003.69	4446832	2614	547846.1	4446634	2664	547622.1	4446126
2565	547996.14	4446828	2615	547836.1	4446630	2665	547609.8	4446124
2566	547985.32	4446818	2616	547828.3	4446625	2666	547597.2	4446118
2567	547973.49	4446812	2617	547822.3	4446619	2667	547590.9	4446114
2568	547959.13	4446795	2618	547806.6	4446602	2668	547588.8	4446106
2569	547953.91	4446788	2619	547790.4	4446583	2669	547588.9	4446099
2570	547944.37	4446784	2620	547785	4446576	2670	547593.2	4446087
2571	547933.49	4446781	2621	547783.6	4446572	2671	547619.3	4446051



2572	547921.94	4446778	2622	547781.3	4446568	2672	547629.9	4446029
2573	547908.42	4446774	2623	547779.1	4446563	2673	547633.2	4446016
2574	547895.27	4446768	2624	547778	4446559	2674	547634.5	4446003
2575	547884.12	4446759	2625	547766.9	4446535	2675	547635	4445991
2576	547875.62	4446750	2626	547762.1	4446512	2676	547631.6	4445982
2577	547868.09	4446743	2627	547762.3	4446501	2677	547624	4445980
2578	547860.59	4446733	2628	547763.2	4446491	2678	547612.1	4445980
2579	547853.79	4446721	2629	547766.5	4446479	2679	547602.6	4445980
2580	547852.93	4446709	2630	547769	4446467	2680	547590.6	4445987
2581	547857.05	4446696	2631	547772.1	4446449	2681	547579	4445997
2582	547862.4	4446690	2632	547781.6	4446389	2682	547569.7	4446010
2583	547870.68	4446689	2633	547783.7	4446375	2683	547566.8	4446014
2584	547879.95	4446692	2634	547782.2	4446368	2684	547556.6	4446022
2585	547892.11	4446696	2635	547777.5	4446363	2685	547542	4446021
2586	547901.95	4446703	2636	547762.9	4446357	2686	547525.2	4446015
2587	547908.51	4446707	2637	547752.4	4446353	2687	547475.2	4445989
2588	547914.75	4446712	2638	547738.8	4446353	2688	547457.8	4445981
2589	547928.98	4446711	2639	547726.8	4446355	2689	547443	4445976
2590	547934.34	4446705	2640	547712.5	4446354	2690	547429.8	4445973
2591	547935.78	4446695	2641	547694.3	4446352	2691	547417.2	4445966
2592	547932.07	4446672	2642	547680.5	4446347	2692	547413	4445960
2593	547929.47	4446654	2643	547643.5	4446343	2693	547414.2	4445948
2594	547927.6	4446650	2644	547621	4446328	2694	547417.6	4445934
2595	547923.42	4446646	2645	547602.1	4446310	2695	547422.4	4445923
2596	547920.27	4446643	2646	547591.3	4446290	2696	547430	4445913
2597	547916.27	4446642	2647	547587.1	4446276	2697	547434.7	4445909
2598	547912.27	4446640	2648	547586.4	4446266	2698	547452.6	4445908
2599	547908.47	4446639	2649	547586.9	4446254	2699	547464.9	4445905
2600	547904.67	4446639	2650	547588.6	4446242	2700	547478.5	4445899
2701	547492.48	4445893	2751	547248.9	4445323	2801	547025.1	4444903
2702	547504.05	4445887	2752	547265.8	4445315	2802	547016	4444890
2703	547511.26	4445881	2753	547275.8	4445306	2803	546996.3	4444872
2704	547516.88	4445875	2754	547277.9	4445300	2804	546984.5	4444862
2705	547519.73	4445869	2755	547276.3	4445295	2805	546968.1	4444854
2706	547521.81	4445861	2756	547274.4	4445290	2806	546958.9	4444846
2707	547519.52	4445853	2757	547265.9	4445286	2807	546953.1	4444837
2708	547517.61	4445846	2758	547256.2	4445289	2808	546951.2	4444827
2709	547514.13	4445838	2759	547244.6	4445296	2809	546953.9	4444820
2710	547512.28	4445826	2760	547235.4	4445299	2810	546957.9	4444815
2711	547510.4	4445817	2761	547224.3	4445300	2811	546969.1	4444810
2712	547506.14	4445807	2762	547212.8	4445296	2812	546980.6	4444804
2713	547493.59	4445794	2763	547200.6	4445290	2813	546984.5	4444802
2714	547481.74	4445788	2764	547184.1	4445276	2814	546986.6	4444795
2715	547461.2	4445780	2765	547162.1	4445251	2815	546984.7	4444789
2716	547434.35	4445768	2766	547148	4445235	2816	546980.8	4444779
2717	547409.98	4445747	2767	547141	4445223	2817	546980.3	4444768



2718	547393.92	4445710	2768	547135.6	4445211	2818	546981.1	4444758
2719	547373.07	4445682	2769	547131.3	4445200	2819	546982.5	4444747
2720	547344.28	4445653	2770	547130.7	4445191	2820	546985.4	4444730
2721	547328.13	4445631	2771	547131.5	4445182	2821	546985.2	4444711
2722	547317.69	4445618	2772	547137.2	4445171	2822	546982	4444698
2723	547307.44	4445589	2773	547142.5	4445166	2823	546975.5	4444686
2724	547307.14	4445568	2774	547157.8	4445145	2824	546967.7	4444675
2725	547307.82	4445555	2775	547165.4	4445134	2825	546958.5	4444670
2726	547307.96	4445542	2776	547174.2	4445120	2826	546950	4444665
2727	547307	4445533	2777	547181.2	4445105	2827	546933.4	4444668
2728	547301.82	4445523	2778	547182.4	4445100	2828	546899.5	4444683
2729	547297.12	4445519	2779	547182.5	4445095	2829	546868.3	4444692
2730	547287.09	4445516	2780	547181	4445091	2830	546843.1	4444700
2731	547274.92	4445516	2781	547179.4	4445086	2831	546829.2	4444702
2732	547255.84	4445519	2782	547177.5	4445082	2832	546810.7	4444699
2733	547236.25	4445519	2783	547172.7	4445080	2833	546800.1	4444695
2734	547221.97	4445518	2784	547166.8	4445076	2834	546790.9	4444689
2735	547209.31	4445514	2785	547158.9	4445076	2835	546787.7	4444680
2736	547194.61	4445505	2786	547148.6	4445078	2836	546789.9	4444665
2737	547192.79	4445503	2787	547138.2	4445078	2837	546792.7	4444654
2738	547187.26	4445494	2788	547129.9	4445078	2838	546794.8	4444644
2739	547185.38	4445480	2789	547122	4445078	2839	546794.2	4444633
2740	547185.9	4445470	2790	547113.2	4445076	2840	546790.8	4444622
2741	547185.96	4445464	2791	547100.2	4445072	2841	546786.1	4444613
2742	547182.94	4445450	2792	547089.5	4445068	2842	546778.8	4444601
2743	547181.5	4445445	2793	547083.6	4445063	2843	546769.4	4444589
2744	547180.53	4445432	2794	547075.4	4445054	2844	546757.9	4444578
2745	547181.24	4445425	2795	547068	4445043	2845	546745.8	4444569
2746	547183	4445410	2796	547063.7	4445034	2846	546735.9	4444559
2747	547187.15	4445393	2797	547061.5	4445020	2847	546724.9	4444548
2748	547196.08	4445376	2798	547061.6	4445006	2848	546720.3	4444535
2749	547205	4445359	2799	547045.1	4444947	2849	546714.1	4444519
2750	547208.28	4445355	2800	547033.5	4444919	2850	546713.2	4444508
2851	546712.82	4444494	2901	546427.8	4443624	2951	546237.6	4443048
2852	546711.91	4444481	2902	546413.9	4443608	2952	546242.7	4443036
2853	546711.96	4444457	2903	546397	4443583	2953	546244.1	4443027
2854	546711.53	4444448	2904	546389.2	4443569	2954	546245.6	4443019
2855	546706.4	4444436	2905	546380.4	4443555	2955	546243.2	4442998
2856	546702.94	4444431	2906	546371	4443547	2956	546240.1	4442983
2857	546698.66	4444425	2907	546351.5	4443534	2957	546235.1	4442971
2858	546682.67	4444407	2908	546325.7	4443521	2958	546229.6	4442966
2859	546652.58	4444380	2909	546312.1	4443511	2959	546221.3	4442963
2860	546626.34	4444363	2910	546306.4	4443502	2960	546201.2	4442948
2861	546605.32	4444350	2911	546297.3	4443483	2961	546194.3	4442944
2862	546597.49	4444341	2912	546296.3	4443477	2962	546183	4442935
2863	546592.33	4444329	2913	546302.9	4443453	2963	546169	4442919



2864	546593.03	4444313	2914	546305.7	4443433	2964	546158.6	4442904
2865	546610.27	4444280	2915	546309.7	4443376	2965	546156.3	4442895
2866	546681.21	4444166	2916	546307.3	4443360	2966	546152.3	4442875
2867	546710.1	4444127	2917	546301.7	4443342	2967	546152.2	4442842
2868	546716.92	4444108	2918	546294.5	4443329	2968	546149.8	4442830
2869	546721.05	4444094	2919	546285	4443318	2969	546146.9	4442816
2870	546721.94	4444083	2920	546273.2	4443308	2970	546138.6	4442806
2871	546720.73	4444068	2921	546262.2	4443301	2971	546126.7	4442798
2872	546699.96	4444020	2922	546256.1	4443297	2972	546117.5	4442795
2873	546691.06	4443999	2923	546245.8	4443288	2973	546104.3	4442796
2874	546686.41	4443989	2924	546244.3	4443287	2974	546089.6	4442801
2875	546683.86	4443971	2925	546235.4	4443280	2975	546081.9	4442803
2876	546685.97	4443962	2926	546225.2	4443270	2976	546072.9	4442807
2877	546688.85	4443949	2927	546223.4	4443264	2977	546067.6	4442806
2878	546689.76	4443936	2928	546223.2	4443260	2978	546063.9	4442804
2879	546686.38	4443929	2929	546225.1	4443254	2979	546061.4	4442797
2880	546671.17	4443917	2930	546233.8	4443238	2980	546059.6	4442789
2881	546654.26	4443914	2931	546234.8	4443236	2981	546058.9	4442780
2882	546639.75	4443919	2932	546237.6	4443223	2982	546058.2	4442771
2883	546618.68	4443926	2933	546240.1	4443211	2983	546055.4	4442764
2884	546605.23	4443929	2934	546241.2	4443202	2984	546048.6	4442758
2885	546592.43	4443929	2935	546238.4	4443191	2985	546033.6	4442746
2886	546584.25	4443928	2936	546232.5	4443185	2986	546012.5	4442718
2887	546567.89	4443925	2937	546224.6	4443182	2987	545998.5	4442702
2888	546545.24	4443915	2938	546216	4443179	2988	545983.9	4442705
2889	546531.08	4443904	2939	546205.5	4443174	2989	545973.3	4442707
2890	546512.76	4443886	2940	546196.6	4443168	2990	545967.2	4442707
2891	546504.94	4443876	2941	546189.4	4443161	2991	545962	4442705
2892	546498.22	4443861	2942	546184.9	4443155	2992	545955.6	4442700
2893	546495.21	4443846	2943	546176.4	4443144	2993	545942.8	4442689
2894	546490.36	4443804	2944	546174.2	4443135	2994	545930.2	4442682
2895	546489.44	4443741	2945	546173.9	4443128	2995	545915.4	4442682
2896	546489.61	4443726	2946	546177	4443116	2996	545896.8	4442686
2897	546487.3	4443713	2947	546183.8	4443102	2997	545888	4442692
2898	546481.99	4443701	2948	546205.5	4443080	2998	545881.6	4442700
2899	546471.28	4443686	2949	546216.9	4443069	2999	545878.8	4442711
2900	546452.78	4443660	2950	546230.2	4443058	3000	545874.6	4442735
3001	545865.73	4442768	3051	545224.2	4443556	3101	545019.6	4443937
3002	545859.68	4442789	3052	545226	4443565	3102	545008.7	4443946
3003	545851.42	4442817	3053	545226.7	4443570	3103	544998	4443957
3004	545839.84	4442857	3054	545226.3	4443578	3104	544987.1	4443968
3005	545831.27	4442883	3055	545225	4443584	3105	544978	4443975
3006	545826.4	4442893	3056	545220.6	4443594	3106	544969.2	4443979
3007	545820.37	4442903	3057	545216.1	4443604	3107	544960.5	4443982
3008	545808.34	4442918	3058	545212.8	4443613	3108	544954.6	4443983
3009	545790.33	4442939	3059	545210.6	4443622	3109	544948	4443983



3010	545774.9	4442956	3060	545208	4443628	3110	544940.4	4443983
3011	545751.03	4442982	3061	545203.3	4443632	3111	544928.2	4443979
3012	545721.13	4443024	3062	545194.3	4443638	3112	544917.2	4443975
3013	545646.49	4443121	3063	545187.1	4443642	3113	544909.5	4443975
3014	545618.34	4443154	3064	545182.6	4443647	3114	544896.5	4443976
3015	545569.73	4443218	3065	545180.8	4443653	3115	544887.7	4443980
3016	545536.7	4443261	3066	545181	4443661	3116	544879.7	4443984
3017	545491.27	4443316	3067	545182.5	4443673	3117	544875.7	4443988
3018	545420.81	4443405	3068	545186.6	4443682	3118	544872.8	4443994
3019	545387.45	4443445	3069	545188.6	4443690	3119	544871.4	4443998
3020	545373.71	4443461	3070	545189.3	4443701	3120	544871.8	4444005
3021	545364.67	4443471	3071	545189.6	4443723	3121	544876.2	4444018
3022	545360.33	4443475	3072	545192.8	4443742	3122	544879.7	4444032
3023	545355.67	4443478	3073	545196.1	4443755	3123	544880.7	4444041
3024	545347.04	4443480	3074	545200.2	4443767	3124	544879.5	4444050
3025	545335.74	4443485	3075	545203	4443774	3125	544878.9	4444053
3026	545328.62	4443488	3076	545203.5	4443778	3126	544876.8	4444057
3027	545323.15	4443491	3077	545202.1	4443785	3127	544872.1	4444062
3028	545316.36	4443497	3078	545198.6	4443789	3128	544864.3	4444069
3029	545313.98	4443501	3079	545194.6	4443792	3129	544860.8	4444071
3030	545312	4443507	3080	545189.6	4443795	3130	544857.7	4444073
3031	545310.46	4443513	3081	545182.3	4443795	3131	544854	4444076
3032	545309.56	4443517	3082	545169.6	4443796	3132	544852.1	4444079
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3034	545306.28	4443527	3084	545110.9	4443797	3134	544839.3	4444100
3035	545302.08	4443533	3085	545105	4443798	3135	544834.5	4444104
3036	545295.83	4443539	3086	545100.5	4443802	3136	544824.4	4444111
3037	545288.81	4443542	3087	545093.5	4443808	3137	544811.6	4444118
3038	545279.75	4443543	3088	545084	4443819	3138	544802.3	4444122
3039	545274.67	4443543	3089	545076.3	4443829	3139	544792.6	4444126
3040	545269.93	4443542	3090	545071.1	4443840	3140	544777.4	4444130
3041	545262.34	4443538	3091	545064	4443853	3141	544767.5	4444134
3042	545255.08	4443534	3092	545054.3	4443867	3142	544760.4	4444138
3043	545251.77	4443532	3093	545046.7	4443878	3143	544750.8	4444147
3044	545247.8	4443532	3094	545041.6	4443887	3144	544745.9	4444154
3045	545243.67	4443532	3095	545039.8	4443895	3145	544741.6	4444163
3046	545238.58	4443534	3096	545039.5	4443905	3146	544738.7	4444171
3047	545232.2	4443536	3097	545039	4443912	3147	544736.4	4444177
3048	545228.2	4443539	3098	545036.8	4443918	3148	544731.6	4444183
3049	545224.49	4443544	3099	545035	4443922	3149	544726.5	4444187
3050	545223.49	4443548	3100	545031	4443928	3150	544723.7	4444188
3151	544716.97	4444189	3201	544457.4	4444216	3251	544213.4	4444265
3152	544699.52	4444188	3202	544449	4444216	3252	544202.4	4444273
3153	544677.97	4444187	3203	544445.5	4444215	3253	544194.9	4444282
3154	544659.84	4444188	3204	544440.6	4444215	3254	544191.9	4444290
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3156	544642.5	4444191	3206	544435.1	4444212	3256	544188.7	4444313
3157	544627.74	4444197	3207	544430.8	4444210	3257	544190.8	4444322
3158	544612.95	4444206	3208	544427.2	4444207	3258	544195.4	4444335
3159	544600.94	4444216	3209	544425.4	4444205	3259	544207.2	4444346
3160	544594.12	4444222	3210	544423.6	4444203	3260	544210.4	4444356
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3163	544572.4	4444251	3213	544414.4	4444184	3263	544195.4	4444391
3164	544568.98	4444254	3214	544406.5	4444171	3264	544189.3	4444401
3165	544566.86	4444255	3215	544396.4	4444162	3265	544187.1	4444409
3166	544564.63	4444255	3216	544381.3	4444151	3266	544185.7	4444417
3167	544559.86	4444256	3217	544371.7	4444144	3267	544185.3	4444425
3168	544555.41	4444256	3218	544365.4	4444140	3268	544188.9	4444436
3169	544552.56	4444255	3219	544357.2	4444136	3269	544220.2	4444479
3170	544550.66	4444255	3220	544350	4444135	3270	544229	4444492
3171	544549.41	4444254	3221	544339.4	4444136	3271	544232.6	4444501
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3173	544546.91	4444249	3223	544295.4	4444135	3273	544230.4	4444516
3174	544546.42	4444247	3224	544272.7	4444135	3274	544225.3	4444518
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3177	544551.17	4444228	3227	544236.8	4444128	3277	544208.7	4444514
3178	544553.47	4444222	3228	544223	4444117	3278	544201.3	4444507
3179	544554.07	4444216	3229	544210.8	4444107	3279	544187.9	4444500
3180	544554.02	4444211	3230	544205.5	4444106	3280	544174	4444495
3181	544552.48	4444206	3231	544200.2	4444106	3281	544161	4444493
3182	544550.53	4444201	3232	544193.2	4444109	3282	544149.9	4444494
3183	544547.08	4444197	3233	544184.2	4444117	3283	544145.1	4444496
3184	544544.96	4444195	3234	544181.4	4444123	3284	544141.4	4444501
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3186	544538.9	4444192	3236	544184.3	4444150	3286	544135.1	4444519
3187	544534.93	4444192	3237	544187.1	4444163	3287	544133.1	4444525
3188	544532.61	4444193	3238	544189.8	4444169	3288	544129.9	4444527
3189	544530.68	4444194	3239	544193.1	4444172	3289	544125.9	4444530
3190	544528.68	4444196	3240	544201.5	4444176	3290	544121.7	4444531
3191	544524.79	4444200	3241	544218.8	4444182	3291	544117.5	4444531
3192	544518.94	4444208	3242	544228.3	4444188	3292	544113.8	4444530
3193	544515.33	4444212	3243	544237.9	4444196	3293	544111.4	4444528
3194	544511.12	4444215	3244	544242.7	4444203	3294	544108.1	4444523
3195	544506.66	4444218	3245	544249.7	4444214	3295	544104.9	4444514
3196	544503.47	4444220	3246	544251.4	4444223	3296	544100.1	4444499
3197	544497.2	4444221	3247	544251.3	4444231	3297	544096.4	4444476
3198	544490.05	4444221	3248	544248.6	4444236	3298	544093	4444457
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3301	544081.63	4444424	3351	543860.6	4444579	3401	543643.3	4444730



3302	544073.42	4444419	3352	543860.3	4444584	3402	543636.8	4444733
3303	544066.26	4444417	3353	543859.4	4444590	3403	543625.4	4444736
3304	544062.05	4444414	3354	543856.4	4444598	3404	543614.3	4444737
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3311	544045.39	4444371	3361	543868.1	4444651	3411	543535.2	4444709
3312	544041.65	4444365	3362	543870.7	4444662	3412	543527.3	4444709
3313	544037.25	4444361	3363	543870	4444668	3413	543516.7	4444709
3314	544031.56	4444359	3364	543867.8	4444674	3414	543508.7	4444708
3315	544021.62	4444357	3365	543863.8	4444677	3415	543501.6	4444709
3316	544008.25	4444361	3366	543858.3	4444679	3416	543495.2	4444712
3317	543996.13	4444365	3367	543853.2	4444677	3417	543488	4444716
3318	543980.66	4444367	3368	543846.5	4444674	3418	543482.7	4444716
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3320	543955.12	4444360	3370	543828.8	4444664	3420	543451.2	4444715
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3322	543941.29	4444348	3372	543808.3	4444658	3422	543430.3	4444716
3323	543936.28	4444342	3373	543801.4	4444654	3423	543425	4444720
3324	543932.31	4444337	3374	543787.3	4444645	3424	543415.4	4444729
3325	543927.69	4444334	3375	543768.9	4444641	3425	543407.3	4444738
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3327	543883.55	4444344	3377	543728.7	4444639	3427	543388.1	4444749
3328	543851.93	4444351	3378	543721.5	4444641	3428	543380.2	4444748
3329	543840.53	4444356	3379	543717.7	4444642	3429	543372.3	4444744
3330	543832.18	4444363	3380	543715.3	4444645	3430	543365	4444740
3331	543826.44	4444374	3381	543714.4	4444650	3431	543358.4	4444739
3332	543809.36	4444392	3382	543714.6	4444655	3432	543352.5	4444740
3333	543788.67	4444409	3383	543718.3	4444660	3433	543346.1	4444746
3334	543784.94	4444418	3384	543728.5	4444671	3434	543345.5	4444752
3335	543785.19	4444425	3385	543741.3	4444687	3435	543347.5	4444763
3336	543786.42	4444432	3386	543744.4	4444694	3436	543352.9	4444777
3337	543796.86	4444446	3387	543744	4444699	3437	543363.5	4444797
3338	543817.19	4444461	3388	543742.8	4444704	3438	543381.6	4444816
3339	543829.93	4444476	3389	543740.6	4444708	3439	543393	4444831
3340	543832.29	4444486	3390	543735.8	4444712	3440	543403	4444849
3341	543834.82	4444497	3391	543725.9	4444719	3441	543416.4	4444876
3342	543833.36	4444509	3392	543714.8	4444726	3442	543423.4	4444886
3343	543830.88	4444517	3393	543710.3	4444730	3443	543432.5	4444901
3344	543828.37	4444529	3394	543706.3	4444737	3444	543447.9	4444919
3345	543828.83	4444535	3395	543700.9	4444740	3445	543462.1	4444935
3346	543831.16	4444540	3396	543694.6	4444742	3446	543476	4444943
3347	543837.41	4444548	3397	543683.4	4444739	3447	543487.1	4444946



3348	543853.41	4444561	3398	543666.3	4444733	3448	543497.9	4444946
3349	543857.84	4444567	3399	543658.7	4444730	3449	543517.2	4444947
3350	543859.88	4444574	3400	543650	4444729	3450	543531.2	4444949
3451	543543.35	4444953	3501	543364	4445004	3551	543181.7	4445176
3452	543557.32	4444957	3502	543361.4	4445010	3552	543178	4445174
3453	543564.16	4444961	3503	543357.1	4445022	3553	543176.2	4445173
3454	543569.94	4444965	3504	543351.7	4445034	3554	543172.6	4445171
3455	543571.21	4444970	3505	543349.5	4445038	3555	543168.8	4445166
3456	543572.1	4444975	3506	543345.9	4445041	3556	543167.7	4445163
3457	543570.56	4444980	3507	543333.9	4445048	3557	543168	4445156
3458	543568.38	4444986	3508	543329.3	4445052	3558	543169	4445136
3459	543565.8	4444989	3509	543327.8	4445054	3559	543168.5	4445126
3460	543557.5	4444994	3510	543327.4	4445057	3560	543166.3	4445111
3461	543545.18	4444997	3511	543327.8	4445063	3561	543163.6	4445101
3462	543532.89	4444998	3512	543329.7	4445075	3562	543159.9	4445094
3463	543518.48	4445000	3513	543330.8	4445084	3563	543155.4	4445090
3464	543503.64	4445002	3514	543331.1	4445089	3564	543150	4445086
3465	543497.05	4445004	3515	543329.8	4445093	3565	543139	4445081
3466	543492.35	4445007	3516	543328.5	4445095	3566	543131.7	4445077
3467	543486.55	4445015	3517	543324.5	4445098	3567	543125.8	4445076
3468	543482.3	4445024	3518	543320.3	4445100	3568	543117.9	4445076
3469	543479.77	4445042	3519	543318.1	4445100	3569	543113.3	4445078
3470	543479.97	4445061	3520	543315.9	4445100	3570	543108.4	4445083
3471	543482.61	4445072	3521	543314.7	4445099	3571	543105.7	4445090
3472	543483.16	4445079	3522	543311.1	4445098	3572	543104.9	4445099
3473	543481.79	4445088	3523	543304.7	4445094	3573	543106.5	4445110
3474	543479.6	4445095	3524	543293	4445088	3574	543109	4445124
3475	543475.91	4445103	3525	543285.5	4445085	3575	543110.4	4445139
3476	543472.69	4445107	3526	543281.3	4445084	3576	543109.2	4445146
3477	543465.64	4445112	3527	543279.2	4445084	3577	543107.8	4445152
3478	543457.35	4445115	3528	543277.7	4445084	3578	543105.1	4445158
3479	543448.03	4445116	3529	543275.6	4445086	3579	543099.6	4445164
3480	543443.39	4445115	3530	543273.9	4445087	3580	543088	4445173
3481	543438.77	4445111	3531	543271.5	4445091	3581	543078.4	4445179
3482	543434.79	4445107	3532	543268.7	4445096	3582	543070.4	4445183
3483	543433.55	4445105	3533	543260.6	4445116	3583	543068.4	4445183
3484	543432.36	4445098	3534	543257.4	4445127	3584	543065.1	4445183
3485	543432.31	4445085	3535	543257.4	4445140	3585	543064.9	4445183
3486	543431.47	4445075	3536	543255.5	4445146	3586	543060.5	4445183
3487	543430.15	4445066	3537	543253.8	4445149	3587	543058.5	4445182
3488	543429.45	4445057	3538	543250.5	4445151	3588	543055.8	4445181
3489	543428.16	4445045	3539	543247.1	4445152	3589	543052.8	4445179
3490	543425.39	4445037	3540	543242.1	4445153	3590	543045.2	4445175
3491	543419.3	4445028	3541	543235.8	4445153	3591	543041.6	4445174
3492	543413.18	4445021	3542	543228.1	4445152	3592	543037.7	4445173
3493	543405.92	4445018	3543	543221.2	4445153	3593	543033.7	4445173



3494	543398.98	4445014	3544	543217.4	4445154	3594	543015.4	4445173
3495	543390.3	4445009	3545	543212.5	4445156	3595	543008.7	4445173
3496	543382.59	4445003	3546	543209	4445158	3596	542997.6	4445172
3497	543378.18	4445000	3547	543205	4445162	3597	542990.3	4445171
3498	543374.7	4444999	3548	543197.2	4445170	3598	542986.6	4445169
3499	543369.62	4444999	3549	543191	4445174	3599	542982.3	4445166
3500	543367.22	4445001	3550	543187.3	4445176	3600	542978.9	4445163
3601	542976.39	4445159	3651	542875	4445341	3701	542998.3	4445520
3602	542971.12	4445148	3652	542870.8	4445344	3702	543004.5	4445519
3603	542968.63	4445140	3653	542864	4445348	3703	543008.7	4445521
3604	542965	4445133	3654	542859.4	4445350	3704	543013.3	4445524
3605	542962.8	4445131	3655	542851.5	4445354	3705	543016.4	4445529
3606	542960.72	4445128	3656	542845.8	4445357	3706	543021.7	4445540
3607	542959.69	4445125	3657	542840.6	4445362	3707	543027	4445555
3608	542959.08	4445123	3658	542836.1	4445368	3708	543031.8	4445563
3609	542958.96	4445121	3659	542831.1	4445377	3709	543040.8	4445572
3610	542958.74	4445116	3660	542818.7	4445392	3710	543051.9	4445580
3611	542958.67	4445113	3661	542801.1	4445406	3711	543055.4	4445587
3612	542958.62	4445108	3662	542789.4	4445416	3712	543056.6	4445592
3613	542957.54	4445100	3663	542780.4	4445423	3713	543056.4	4445598
3614	542955.8	4445095	3664	542764.2	4445431	3714	543052.7	4445605
3615	542953.21	4445090	3665	542752.9	4445435	3715	543037.1	4445631
3616	542949.03	4445085	3666	542745.9	4445437	3716	543019.2	4445654
3617	542942.85	4445079	3667	542738.4	4445441	3717	542999.5	4445676
3618	542935.06	4445076	3668	542736.8	4445444	3718	542984.2	4445692
3619	542929.36	4445074	3669	542736.7	4445447	3719	542979.7	4445699
3620	542921.23	4445073	3670	542737.1	4445450	3720	542977.7	4445706
3621	542914.65	4445074	3671	542738.3	4445452	3721	542981.2	4445718
3622	542910.07	4445077	3672	542741	4445454	3722	542990.3	4445736
3623	542903.02	4445083	3673	542750.3	4445456	3723	542999	4445754
3624	542894.43	4445094	3674	542764.4	4445458	3724	542999.6	4445761
3625	542888.51	4445103	3675	542782.2	4445459	3725	542999.9	4445765
3626	542882.02	4445115	3676	542796.3	4445463	3726	542998.4	4445769
3627	542878.73	4445126	3677	542810.4	4445469	3727	542990.9	4445776
3628	542874.82	4445144	3678	542823.1	4445473	3728	542976.6	4445787
3629	542872.73	4445153	3679	542831.3	4445475	3729	542968.8	4445790
3630	542869.47	4445161	3680	542844.2	4445477	3730	542960.5	4445788
3631	542862.23	4445170	3681	542854.4	4445476	3731	542954	4445785
3632	542852.12	4445180	3682	542863.3	4445472	3732	542951.1	4445781
3633	542846.8	4445187	3683	542872.2	4445468	3733	542948.8	4445774
3634	542844.68	4445192	3684	542880.1	4445465	3734	542947.7	4445766
3635	542844.65	4445195	3685	542884.4	4445463	3735	542945.1	4445755
3636	542844.77	4445198	3686	542890.6	4445460	3736	542941.8	4445746
3637	542845.52	4445202	3687	542894.6	4445460	3737	542936.8	4445738
3638	542848.17	4445206	3688	542897.9	4445461	3738	542930.5	4445733
3639	542853.34	4445213	3689	542900.9	4445464	3739	542924.9	4445729



3640	542860.26	4445218	3690	542904	4445469	3740	542912.2	4445726
3641	542865.58	4445225	3691	542907.2	4445474	3741	542897.6	4445725
3642	542870.7	4445236	3692	542912.7	4445482	3742	542882.5	4445724
3643	542876.51	4445254	3693	542921.5	4445494	3743	542861.4	4445723
3644	542883.52	4445269	3694	542940	4445510	3744	542832.6	4445723
3645	542889.56	4445283	3695	542950.4	4445516	3745	542821.6	4445722
3646	542890.92	4445289	3696	542956.4	4445520	3746	542811.1	4445720
3647	542891.63	4445297	3697	542964.2	4445524	3747	542802.7	4445715
3648	542890.42	4445305	3698	542973.8	4445526	3748	542792.6	4445705
3649	542886.35	4445320	3699	542980.4	4445525	3749	542776.1	4445694
3650	542879.85	4445333	3700	542989.3	4445522	3750	542771.5	4445691
3751	542750.62	4445676	3801	542301.6	4445743	3851	541622.6	4446074
3752	542737.37	4445669	3802	542292.7	4445743	3852	541616.8	4446077
3753	542735.43	4445668	3803	542287.2	4445743	3853	541607.1	4446080
3754	542727.94	4445666	3804	542282.4	4445741	3854	541579.5	4446084
3755	542720.27	4445665	3805	542277.3	4445739	3855	541547	4446089
3756	542696.17	4445662	3806	542273.2	4445737	3856	541513.5	4446099
3757	542664.86	4445660	3807	542266.2	4445730	3857	541480.1	4446112
3758	542647.07	4445661	3808	542259.3	4445723	3858	541471.7	4446118
3759	542635.8	4445662	3809	542253.2	4445716	3859	541466.9	4446123
3760	542632.11	4445662	3810	542251	4445713	3860	541461.3	4446129
3761	542622.74	4445665	3811	542243	4445705	3861	541456.2	4446138
3762	542609.17	4445670	3812	542233.1	4445697	3862	541451.3	4446149
3763	542590.81	4445676	3813	542222.2	4445689	3863	541449.6	4446158
3764	542581.04	4445679	3814	542204.1	4445678	3864	541448.7	4446168
3765	542574.89	4445680	3815	542191.7	4445673	3865	541449.8	4446194
3766	542565.08	4445679	3816	542181.6	4445670	3866	541450.1	4446207
3767	542558.86	4445677	3817	542174.9	4445668	3867	541534.7	4446231
3768	542551.27	4445675	3818	542170.8	4445668	3868	541559.4	4446239
3769	542544.1	4445673	3819	542164.4	4445667	3869	541572.4	4446243
3770	542535.22	4445671	3820	542153.2	4445668	3870	541585.7	4446247
3771	542524.63	4445672	3821	542145.6	4445670	3871	541586.7	4446248
3772	542515.5	4445674	3822	542136	4445674	3872	541589.1	4446248
3773	542506.35	4445679	3823	542111.6	4445687	3873	541593.4	4446250
3774	542494	4445685	3824	542086	4445703	3874	541601.3	4446252
3775	542485.44	4445693	3825	542077.6	4445710	3875	541602.8	4446253
3776	542480.98	4445698	3826	542058.3	4445719	3876	541605.3	4446253
3777	542478.79	4445701	3827	542016.4	4445738	3877	541605.8	4446253
3778	542475.79	4445705	3828	541984.8	4445754	3878	541607.2	4446254
3779	542468.91	4445713	3829	541900.6	4445801	3879	541607.1	4446254
3780	542460.94	4445726	3830	541778.4	4445873	3880	541604.1	4446261
3781	542454.28	4445735	3831	541723.3	4445903	3881	541605.3	4446263
3782	542437.15	4445752	3832	541655.8	4445940	3882	541608.1	4446267
3783	542429.26	4445759	3833	541632.3	4445954	3883	541616.6	4446278
3784	542423.74	4445762	3834	541612.2	4445966	3884	541621.4	4446284
3785	542423.17	4445762	3835	541608.1	4445971	3885	541627.3	4446295



3786	542418.25	4445763	3836	541606.5	4445975	3886	541609.6	4446314
3787	542413.77	4445764	3837	541605.4	4445979	3887	541595.1	4446341
3788	542411.83	4445763	3838	541605.1	4445987	3888	541591.8	4446348
3789	542408.88	4445763	3839	541606.1	4445995	3889	541572.8	4446336
3790	542405.52	4445761	3840	541608.1	4446003	3890	541570.9	4446341
3791	542400.51	4445758	3841	541610.8	4446012	3891	541564.1	4446358
3792	542397.33	4445755	3842	541618.7	4446023	3892	541562.3	4446362
3793	542391.04	4445749	3843	541623.4	4446029	3893	541556.9	4446379
3794	542383.27	4445744	3844	541628.5	4446035	3894	541555.3	4446405
3795	542371.03	4445739	3845	541631.9	4446039	3895	541554.9	4446415
3796	542362.7	4445737	3846	541634.5	4446048	3896	541554.6	4446421
3797	542352.44	4445737	3847	541634.4	4446057	3897	541554.2	4446431
3798	542331.91	4445736	3848	541633.9	4446062	3898	541553.8	4446439
3799	542321.9	4445738	3849	541631.4	4446065	3899	541514.5	4446431
3800	542314.33	4445740	3850	541626.9	4446071	3900	541456.8	4446420
3901	541458.29	4446483	3951	541124.3	4447549	4001	540853	4447901
3902	541457.11	4446494	3952	541128.1	4447576	4002	540846	4447902
3903	541453.81	4446505	3953	541128	4447590	4003	540839.2	4447901
3904	541446.93	4446528	3954	541129.3	4447611	4004	540824.7	4447900
3905	541429.1	4446584	3955	541129	4447630	4005	540814.2	4447899
3906	541403.5	4446661	3956	541129.6	4447639	4006	540806.1	4447898
3907	541388.37	4446708	3957	541128.6	4447651	4007	540793.9	4447896
3908	541363.33	4446783	3958	541125.9	4447664	4008	540784	4447894
3909	541353.49	4446811	3959	541124.3	4447675	4009	540774.8	4447891
3910	541343.36	4446837	3960	541123.2	4447688	4010	540766.4	4447888
3911	541329.16	4446866	3961	541121.6	4447713	4011	540757.3	4447884
3912	541318.33	4446887	3962	541120.8	4447721	4012	540749.4	4447880
3913	541257.83	4447006	3963	541119.1	4447730	4013	540743.6	4447876
3914	541239.87	4447044	3964	541116	4447739	4014	540738.2	4447871
3915	541215.97	4447088	3965	541108.3	4447757	4015	540732.3	4447865
3916	541192.94	4447135	3966	541100.9	4447773	4016	540721.6	4447857
3917	541188.48	4447151	3967	541093.3	4447785	4017	540713.7	4447852
3918	541187.42	4447160	3968	541083.3	4447799	4018	540699.5	4447843
3919	541187.43	4447177	3969	541077	4447806	4019	540687.4	4447838
3920	541187.43	4447177	3970	541065.3	4447818	4020	540677.3	4447833
3921	541187.43	4447188	3971	541062.8	4447821	4021	540669.7	4447830
3922	541188.76	4447217	3972	541060.8	4447823	4022	540664.9	4447828
3923	541191.19	4447240	3973	541059.3	4447824	4023	540662.4	4447825
3924	541192.91	4447257	3974	541051.1	4447833	4024	540656.9	4447821
3925	541196.08	4447272	3975	541045.8	4447839	4025	540653.1	4447819
3926	541198.65	4447283	3976	541041	4447845	4026	540649	4447816
3927	541199.18	4447292	3977	541037.8	4447850	4027	540642.5	4447813
3928	541197.37	4447296	3978	541034.2	4447855	4028	540635.3	4447812
3929	541195.21	4447299	3979	541031.2	4447858	4029	540628.2	4447811
3930	541190.68	4447303	3980	541030.5	4447858	4030	540621.7	4447812
3931	541185.89	4447305	3981	541029.2	4447859	4031	540608.8	4447814



3932	541179.8	4447305	3982	541028.3	4447859	4032	540597.3	4447816
3933	541171.34	4447305	3983	541026	4447859	4033	540586	4447818
3934	541163.66	4447306	3984	541024.3	4447860	4034	540573.6	4447819
3935	541156.2	4447310	3985	541015	4447861	4035	540561.3	4447820
3936	541146.06	4447317	3986	541003.7	4447862	4036	540541	4447818
3937	541136.17	4447326	3987	540994	4447862	4037	540522.6	4447815
3938	541126.03	4447334	3988	540974.4	4447861	4038	540494.9	4447811
3939	541121.99	4447340	3989	540963.8	4447861	4039	540449.8	4447806
3940	541120.61	4447345	3990	540955.3	4447862	4040	540421.2	4447803
3941	541121.84	4447354	3991	540942.9	4447866	4041	540402.3	4447800
3942	541125.9	4447369	3992	540928.5	4447871	4042	540393.9	4447798
3943	541126.37	4447375	3993	540914.2	4447877	4043	540386.7	4447797
3944	541125.78	4447380	3994	540898	4447882	4044	540375.1	4447797
3945	541123.3	4447388	3995	540893.1	4447884	4045	540366.4	4447797
3946	541118.94	4447400	3996	540884.6	4447888	4046	540358.4	4447798
3947	541117.23	4447411	3997	540880.1	4447890	4047	540350.2	4447801
3948	541117.8	4447442	3998	540874.1	4447894	4048	540341.3	4447805
3949	541119.23	4447467	3999	540870.1	4447896	4049	540319.1	4447820
3950	541122.55	4447535	4000	540858.1	4447900	4050	540296.8	4447836
4051	540261.23	4447861	4101	539683.4	4448413	4151	539382	4448717
4052	540234.98	4447880	4102	539681.5	4448427	4152	539381.9	4448718
4053	540212.59	4447897	4103	539679.6	4448442	4153	539382.1	4448721
4054	540209.05	4447901	4104	539677.4	4448453	4154	539382.9	4448723
4055	540207.74	4447904	4105	539673.6	4448463	4155	539386	4448728
4056	540206.1	4447909	4106	539670.2	4448470	4156	539397.1	4448746
4057	540205.4	4447914	4107	539643.8	4448505	4157	539405.8	4448760
4058	540205.62	4447923	4108	539624	4448533	4158	539409.6	4448769
4059	540205.69	4447931	4109	539603.4	4448560	4159	539411.4	4448774
4060	540205.17	4447935	4110	539582.8	4448588	4160	539412.2	4448779
4061	540203.86	4447939	4111	539574.9	4448599	4161	539412.2	4448784
4062	540202.56	4447942	4112	539572.6	4448605	4162	539406.9	4448810
4063	540199.68	4447944	4113	539571.3	4448613	4163	539402.5	4448835
4064	540178.76	4447954	4114	539570.3	4448626	4164	539400.1	4448849
4065	540146.33	4447970	4115	539570.5	4448659	4165	539398.9	4448854
4066	540125.51	4447977	4116	539570.6	4448671	4166	539393.5	4448867
4067	540093.62	4447989	4117	539570.5	4448692	4167	539370.6	4448912
4068	540055.16	4448002	4118	539569.6	4448698	4168	539360.4	4448933
4069	540023.95	4448013	4119	539567.7	4448701	4169	539352.4	4448946
4070	540007.77	4448021	4120	539565.6	4448704	4170	539349.9	4448952
4071	539988.2	4448030	4121	539561.4	4448709	4171	539346.8	4448955
4072	539979.4	4448034	4122	539556.6	4448712	4172	539342.1	4448960
4073	539956.75	4448043	4123	539550.4	4448715	4173	539334.8	4448966
4074	539934.77	4448050	4124	539541.9	4448717	4174	539312.3	4448983
4075	539915.96	4448056	4125	539533.3	4448719	4175	539298.3	4448991
4076	539902.49	4448060	4126	539523.3	4448721	4176	539286.6	4448999
4077	539892.72	4448062	4127	539514.1	4448725	4177	539277.8	4449005



4078	539867.49	4448067	4128	539508.2	4448729	4178	539268.1	4449008
4079	539846.07	4448070	4129	539503.2	4448734	4179	539259.5	4449010
4080	539832.06	4448073	4130	539497.6	4448740	4180	539245.3	4449009
4081	539826.74	4448076	4131	539492.3	4448745	4181	539220.6	4449010
4082	539821.19	4448080	4132	539486.5	4448749	4182	539214.6	4449011
4083	539817.74	4448085	4133	539480.3	4448752	4183	539212.6	4449013
4084	539806.07	4448107	4134	539474.4	4448754	4184	539210.5	4449015
4085	539769.51	4448182	4135	539462	4448759	4185	539207.4	4449020
4086	539753.54	4448214	4136	539457.1	4448761	4186	539203.8	4449026
4087	539744.88	4448231	4137	539452.3	4448762	4187	539196.3	4449038
4088	539742.17	4448237	4138	539448.1	4448761	4188	539190.9	4449043
4089	539738.63	4448249	4139	539445.3	4448760	4189	539184.2	4449048
4090	539736.18	4448260	4140	539442.2	4448759	4190	539179.6	4449050
4091	539733.22	4448278	4141	539436.7	4448753	4191	539174.1	4449052
4092	539731.37	4448292	4142	539429.1	4448743	4192	539165	4449053
4093	539728.47	4448303	4143	539415.9	4448729	4193	539152.8	4449051
4094	539724.89	4448315	4144	539403.6	4448719	4194	539133.1	4449049
4095	539720.51	4448329	4145	539396.3	4448714	4195	539121.6	4449047
4096	539708.63	4448354	4146	539391.4	4448713	4196	539115.2	4449048
4097	539700.33	4448371	4147	539388.5	4448713	4197	539101.1	4449052
4098	539692.38	4448387	4148	539386	4448713	4198	539084.7	4449056
4099	539687.33	4448398	4149	539384.4	4448713	4199	539073.2	4449057
4100	539685.51	4448404	4150	539382.6	4448715	4200	539060.1	4449057
4201	539047.61	4449058	4251	538979.5	4449397	4301	538035.9	4450792
4202	539035.94	4449060	4252	538976.1	4449404	4302	538030.8	4450800
4203	539030.26	4449060	4253	538968.5	4449415	4303	538025.9	4450808
4204	539024.33	4449058	4254	538960.7	4449426	4304	538021	4450813
4205	539019.07	4449054	4255	538955.9	4449433	4305	538015.1	4450819
4206	539015.54	4449051	4256	538949.4	4449444	4306	538007.6	4450827
4207	539013.89	4449044	4257	538946.9	4449452	4307	538003.6	4450831
4208	539012.78	4449038	4258	538945	4449464	4308	538000.7	4450838
4209	539013.03	4449027	4259	538942.7	4449479	4309	537997.5	4450846
4210	539012.67	4449023	4260	538936.4	4449499	4310	537994.3	4450857
4211	539012.03	4449021	4261	538926.2	4449532	4311	537992.2	4450867
4212	539009.54	4449020	4262	538913.8	4449568	4312	537991.1	4450877
4213	539006.63	4449019	4263	538900.5	4449596	4313	537990.6	4450889
4214	539004.61	4449020	4264	538886	4449640	4314	537991.1	4450901
4215	539002.38	4449022	4265	538869.2	4449677	4315	537992.8	4450910
4216	539001.56	4449024	4266	538848.5	4449703	4316	537993.6	4450914
4217	539001.5	4449029	4267	538843.7	4449709	4317	537994.3	4450918
4218	539002.38	4449035	4268	538826.3	4449729	4318	537994.7	4450924
4219	539007.24	4449055	4269	538821.2	4449734	4319	537994.3	4450929
4220	539010.03	4449061	4270	538804.8	4449752	4320	537993.6	4450934
4221	539015.02	4449069	4271	538794.3	4449764	4321	537991.5	4450938
4222	539022.09	4449076	4272	538779.2	4449784	4322	537989.1	4450940
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4224	539035	4449086	4274	538714.6	4449867	4324	537980.6	4450946
4225	539040.98	4449093	4275	538580.9	4450035	4325	537978.2	4450947
4226	539048.16	4449102	4276	538571.6	4450047	4326	537970.6	4450949
4227	539056.22	4449114	4277	538501.3	4450135	4327	537963	4450950
4228	539057.24	4449118	4278	538492	4450146	4328	537957.4	4450951
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4230	539055.99	4449123	4280	538395.5	4450266	4330	537946.1	4450955
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4232	539049.42	4449131	4282	538346.7	4450327	4332	537932.2	4450965
4233	539040.75	4449137	4283	538333.8	4450343	4333	537919.6	4450977
4234	539028.7	4449145	4284	538310.6	4450371	4334	537908.8	4450984
4235	539016.95	4449154	4285	538263.2	4450434	4335	537891.4	4450995
4236	538998.79	4449170	4286	538256.6	4450442	4336	537875.1	4451003
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4241	538969.32	4449213	4291	538135.4	4450645	4341	537846.7	4450999
4242	538969.61	4449223	4292	538117.7	4450674	4342	537817.6	4450987
4243	538971.01	4449236	4293	538107.8	4450690	4343	537804.7	4450981
4244	538974.09	4449267	4294	538092.3	4450716	4344	537796.3	4450978
4245	538978.73	4449302	4295	538082.8	4450732	4345	537790.6	4450977
4246	538978.56	4449317	4296	538074.6	4450747	4346	537783.3	4450977
4247	538980.96	4449339	4297	538066.1	4450761	4347	537776.1	4450980
4248	538983.48	4449373	4298	538057.5	4450772	4348	537768.1	4450983
4249	538983.89	4449384	4299	538050.3	4450777	4349	537761.1	4450988
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4539	535448.02	4452764	4589	534553.2	4453325	4639	534403.6	4454889
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4660	534113.48	4455589	4710	533477.1	4456580	4760	532920.1	4457666
4661	534101.86	4455588	4711	533471.6	4456579	4761	532879.8	4457701



4662	534091.29	4455586	4712	533460.2	4456573	4762	532870.2	4457711
4663	534060.52	4455580	4713	533443.8	4456563	4763	532851	4457721
4664	534053.24	4455580	4714	533429.5	4456560	4764	532844.6	4457731
4665	534033.37	4455583	4715	533405.6	4456568	4765	532835.6	4457752
4666	534002.09	4455600	4716	533386.9	4456579	4766	532823.9	4457797
4667	533990.02	4455615	4717	533368	4456597	4767	532808.7	4457824
4668	533980.46	4455641	4718	533325	4456642	4768	532780.2	4457900
4669	533974.92	4455687	4719	533303.5	4456662	4769	532758.7	4457976
4670	533965.67	4455745	4720	533297	4456670	4770	532752.7	4458067
4671	533958.89	4455759	4721	533292.7	4456680	4771	532730.4	4458117
4672	533948.15	4455773	4722	533287.9	4456722	4772	532718.8	4458139
4673	533928.8	4455788	4723	533286.3	4456736	4773	532691.8	4458188
4674	533895.84	4455837	4724	533287.9	4456756	4774	532669.6	4458214
4675	533877.7	4455862	4725	533285.4	4456771	4775	532634.9	4458263
4676	533865.04	4455869	4726	533282.8	4456777	4776	532622.7	4458291
4677	533855.01	4455879	4727	533273.1	4456795	4777	532597.6	4458327
4678	533845.48	4455903	4728	533263.4	4456815	4778	532546.3	4458370
4679	533835.56	4455920	4729	533250.4	4456837	4779	532538.9	4458379
4680	533823.42	4455942	4730	533234.4	4456851	4780	532531.3	4458388
4681	533815.25	4455961	4731	533215.8	4456878	4781	532517.3	4458421
4682	533812.7	4455976	4732	533196.4	4456907	4782	532511.4	4458455
4683	533790.18	4456003	4733	533189.1	4456921	4783	532441	4458594
4684	533772.54	4456019	4734	533181.7	4456948	4784	532434.4	4458614
4685	533750.19	4456030	4735	533151.7	4457008	4785	532434.3	4458628
4686	533719.88	4456043	4736	533130.9	4457061	4786	532434.7	4458635
4687	533703.83	4456058	4737	533102	4457090	4787	532442.6	4458650
4688	533698.95	4456068	4738	533084.3	4457112	4788	532453	4458659
4689	533694.78	4456086	4739	533082.1	4457121	4789	532467.6	4458673
4690	533696.17	4456104	4740	533080.9	4457135	4790	532503.7	4458702
4691	533699.05	4456130	4741	533085.6	4457146	4791	532518.2	4458719
4692	533701.16	4456154	4742	533092.7	4457164	4792	532548.5	4458781
4693	533694.49	4456182	4743	533100	4457178	4793	532561	4458798
4694	533681.56	4456203	4744	533098.2	4457193	4794	532569.9	4458814
4695	533663.9	4456220	4745	533096.1	4457197	4795	532574.8	4458834
4696	533633.53	4456239	4746	533087.5	4457207	4796	532573.4	4458858
4697	533609.49	4456258	4747	533076.3	4457217	4797	532554.8	4458933
4698	533602.96	4456274	4748	533070.3	4457220	4798	532553.2	4458942
4699	533597.19	4456293	4749	533048.9	4457239	4799	532551.4	4458959
4700	533597.71	4456318	4750	533029.1	4457263	4800	532545.9	4458980
4801	532528.91	4459015	4851	531584.4	4460232	4901	530319.9	4460401
4802	532527.52	4459022	4852	531556.1	4460222	4902	530283.2	4460401
4803	532520.19	4459056	4853	531532.2	4460206	4903	530247.7	4460397
4804	532511.5	4459076	4854	531467.3	4460174	4904	530233.8	4460393
4805	532505.27	4459111	4855	531419.1	4460163	4905	530220.5	4460386
4806	532499.06	4459164	4856	531351.7	4460157	4906	530206.6	4460378
4807	532496.2	4459188	4857	531309.4	4460146	4907	530194.3	4460375



4808	532494.62	4459198	4858	531240.3	4460138	4908	530187.1	4460376
4809	532480.26	4459251	4859	530971.1	4459972	4909	530178	4460377
4810	532477.06	4459300	4860	530953.5	4459970	4910	530168.4	4460380
4811	532491.71	4459362	4861	530943.5	4460012	4911	530156.1	4460384
4812	532521.42	4459426	4862	530929.5	4460036	4912	530141.8	4460385
4813	532547.62	4459496	4863	530923.3	4460053	4913	530120.5	4460388
4814	532559.72	4459549	4864	530909.4	4460078	4914	530109.3	4460387
4815	532584.92	4459613	4865	530900.5	4460096	4915	530077.1	4460372
4816	532628.86	4459692	4866	530896.4	4460107	4916	530057.1	4460359
4817	532611.85	4459792	4867	530886.6	4460121	4917	530038.3	4460343
4818	532591.48	4459838	4868	530870.6	4460143	4918	529962.4	4460247
4819	532550.31	4459852	4869	530831.7	4460170	4919	529911.4	4460189
4820	532501.26	4459861	4870	530814.7	4460174	4920	529846.2	4460134
4821	532479.98	4459871	4871	530798.4	4460169	4921	529795.9	4460109
4822	532430.96	4459877	4872	530791.3	4460167	4922	529779.5	4460100
4823	532413.62	4459891	4873	530774.4	4460160	4923	529764.4	4460090
4824	532377.47	4459928	4874	530770	4460162	4924	529755.3	4460078
4825	532361.22	4459961	4875	530769	4460166	4925	529764.5	4460061
4826	532346.03	4459996	4876	530761.9	4460177	4926	529773.5	4460044
4827	532345.58	4460012	4877	530743.5	4460198	4927	529798.4	4460008
4828	532343.61	4460066	4878	530718.1	4460216	4928	529799.9	4459993
4829	532323.68	4460136	4879	530662.3	4460254	4929	529791.5	4459970
4830	532299.63	4460208	4880	530646.5	4460262	4930	529786.6	4459942
4831	532284.11	4460251	4881	530636.7	4460268	4931	529774.9	4459906
4832	532275.75	4460266	4882	530617.3	4460274	4932	529758.7	4459883
4833	532259.38	4460323	4883	530603.6	4460276	4933	529749.9	4459873
4834	532243.27	4460358	4884	530589.3	4460279	4934	529729.1	4459854
4835	532204.72	4460411	4885	530575.7	4460284	4935	529710	4459837
4836	532184.31	4460438	4886	530567.3	4460290	4936	529694.9	4459817
4837	532173.47	4460430	4887	530554.4	4460299	4937	529692.4	4459806
4838	532153.53	4460415	4888	530550.9	4460305	4938	529698.1	4459794
4839	532137.79	4460403	4889	530543	4460320	4939	529716.2	4459757
4840	532117.32	4460388	4890	530529.7	4460332	4940	529740.9	4459701
4841	532097.4	4460372	4891	530506.3	4460342	4941	529748.5	4459680
4842	532065.84	4460354	4892	530474.4	4460352	4942	529749.9	4459673
4843	532029.56	4460333	4893	530450.4	4460367	4943	529748.6	4459658
4844	532005.33	4460323	4894	530440.2	4460380	4944	529744.5	4459648
4845	531977.86	4460319	4895	530431.7	4460389	4945	529737.2	4459640
4846	531959.86	4460307	4896	530423.1	4460395	4946	529730.2	4459628
4847	531910.79	4460287	4897	530410.9	4460400	4947	529721.4	4459612
4848	531836.29	4460270	4898	530396.6	4460401	4948	529718.3	4459596
4849	531759.85	4460262	4899	530372.8	4460401	4949	529720	4459575
4850	531635.69	4460243	4900	530350.6	4460399	4950	529721.3	4459558
4951	529725.76	4459539	5001	528346.7	4458009	5051	527756.1	4458518
4952	529721.04	4459517	5002	528328.1	4458003	5052	527749.4	4458525
4953	529702.14	4459491	5003	528263.4	4457981	5053	527734.5	4458527



4954	529641.26	4459424	5004	528218.2	4457965	5054	527718.3	4458529
4955	529637.81	4459420	5005	528167.5	4457945	5055	527696.9	4458527
4956	529538.27	4459341	5006	528151	4457943	5056	527681.9	4458526
4957	529456.42	4459267	5007	528126.7	4457945	5057	527640.7	4458562
4958	529418.47	4459243	5008	528066.7	4457944	5058	527595.8	4458601
4959	529384.1	4459202	5009	528047.5	4457943	5059	527584.2	4458613
4960	529353.49	4459137	5010	528035.6	4457941	5060	527584.9	4458622
4961	529293.57	4459044	5011	528023.1	4457937	5061	527586	4458629
4962	529182.83	4458926	5012	528010.3	4457934	5062	527589.5	4458636
4963	529144.01	4458822	5013	527990.7	4457922	5063	527588.6	4458642
4964	529113.34	4458781	5014	527984.4	4457918	5064	527555.4	4458669
4965	529102.43	4458762	5015	527978.2	4457912	5065	527521	4458694
4966	529099.74	4458754	5016	527973.1	4457906	5066	527484.6	4458712
4967	529098.68	4458743	5017	527968.4	4457900	5067	527392.1	4458771
4968	529109.48	4458683	5018	527960.9	4457893	5068	527351.7	4458802
4969	529119.17	4458569	5019	527951	4457889	5069	527343.6	4458814
4970	529124.2	4458495	5020	527940	4457882	5070	527342.2	4458824
4971	529124.53	4458481	5021	527931.4	4457870	5071	527338.8	4458834
4972	529124.69	4458467	5022	527926.7	4457861	5072	527317.1	4458849
4973	529120.83	4458457	5023	527921.7	4457855	5073	527287.5	4458863
4974	529112.98	4458450	5024	527906.6	4457884	5074	527258.6	4458878
4975	529101.76	4458447	5025	527889.2	4457906	5075	527250.8	4458885
4976	529074.33	4458438	5026	527839.8	4457975	5076	527240.5	4458899
4977	529063.82	4458431	5027	527815.9	4458040	5077	527238.7	4458901
4978	529058.11	4458421	5028	527826.4	4458077	5078	527237.6	4458901
4979	529054.04	4458407	5029	527828.6	4458107	5079	527234.8	4458902
4980	529052.12	4458389	5030	527829	4458132	5080	527231.8	4458902
4981	529049.7	4458369	5031	527829	4458138	5081	527230.1	4458902
4982	529025.65	4458309	5032	527825.5	4458189	5082	527227.8	4458904
4983	529019.57	4458294	5033	527822.3	4458214	5083	527226.3	4458905
4984	529018.47	4458277	5034	527817.2	4458240	5084	527224.5	4458905
4985	529013.37	4458259	5035	527814.4	4458252	5085	527221.2	4458904
4986	529003.01	4458240	5036	527800.7	4458292	5086	527220.2	4458904
4987	528995.71	4458230	5037	527791.7	4458327	5087	527218.9	4458904
4988	528978.87	4458221	5038	527790.3	4458333	5088	527215.7	4458904
4989	528966.79	4458213	5039	527766.3	4458389	5089	527212.7	4458905
4990	528947.87	4458202	5040	527753.7	4458421	5090	527206	4458907
4991	528915.2	4458195	5041	527753.3	4458440	5091	527193.8	4458910
4992	528861.15	4458179	5042	527754.5	4458444	5092	527189.7	4458912
4993	528801.07	4458169	5043	527760.8	4458454	5093	527179.5	4458916
4994	528739.13	4458147	5044	527763.7	4458456	5094	527170.4	4458923
4995	528664.75	4458115	5045	527774.5	4458465	5095	527162.9	4458930
4996	528625.83	4458100	5046	527776.1	4458469	5096	527160.8	4458933
4997	528547.47	4458069	5047	527774.7	4458481	5097	527156.8	4458942
4998	528515.13	4458062	5048	527767.6	4458495	5098	527153.9	4458948
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5000	528380.93	4458021	5050	527759.8	4458510	5100	527147	4458967
5101	527144.51	4458971	5151	526745	4459129	5201	525990.3	4459160
5102	527140.68	4458973	5152	526718.8	4459136	5202	525982.7	4459175
5103	527133.92	4458972	5153	526705.9	4459138	5203	525979.7	4459185
5104	527126.96	4458969	5154	526668.8	4459149	5204	525977.7	4459194
5105	527122.22	4458967	5155	526647.4	4459154	5205	525970.4	4459205
5106	527120.23	4458965	5156	526629	4459160	5206	525957.2	4459214
5107	527114.62	4458965	5157	526615.2	4459165	5207	525952.8	4459223
5108	527110.48	4458966	5158	526599.5	4459174	5208	525953.4	4459235
5109	527067.65	4458983	5159	526580.3	4459185	5209	525956.5	4459281
5110	527050.72	4458990	5160	526563.4	4459192	5210	525964.6	4459332
5111	527025.52	4459002	5161	526551.4	4459198	5211	525973.1	4459357
5112	526997.51	4459017	5162	526547.2	4459200	5212	525977	4459365
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5114	526980.82	4459026	5164	526535.2	4459203	5214	525995.4	4459383
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5116	526956.96	4459042	5166	526526.5	4459204	5216	526006.2	4459411
5117	526951.88	4459047	5167	526521.2	4459205	5217	526022.5	4459469
5118	526947.39	4459053	5168	526516.4	4459206	5218	526033.4	4459524
5119	526942.77	4459059	5169	526508.6	4459210	5219	526032.3	4459536
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5121	526936.53	4459068	5171	526499.7	4459216	5221	526023.2	4459555
5122	526933.85	4459071	5172	526499.2	4459219	5222	525995.9	4459588
5123	526929.8	4459074	5173	526498.9	4459221	5223	525953.1	4459631
5124	526925.43	4459077	5174	526498.9	4459222	5224	525932.5	4459648
5125	526919.49	4459077	5175	526498	4459224	5225	525924.4	4459663
5126	526904.58	4459077	5176	526497.4	4459224	5226	525919	4459684
5127	526893.04	4459077	5177	526495	4459225	5227	525918.9	4459693
5128	526880.08	4459077	5178	526489.2	4459225	5228	525914	4459716
5129	526879.26	4459078	5179	526480.4	4459222	5229	525904.9	4459747
5130	526869.51	4459079	5180	526470.6	4459218	5230	525901.6	4459758
5131	526865.98	4459080	5181	526466.5	4459216	5231	525897.9	4459764
5132	526858.79	4459081	5182	526461.4	4459212	5232	525885.2	4459771
5133	526856.29	4459082	5183	526437.8	4459201	5233	525878.4	4459776
5134	526853.06	4459083	5184	526352.5	4459167	5234	525873.1	4459787
5135	526843.95	4459088	5185	526292.6	4459139	5235	525871.8	4459798
5136	526843.46	4459088	5186	526239.9	4459120	5236	525871.6	4459810
5137	526833.65	4459093	5187	526196.7	4459110	5237	525872.8	4459813
5138	526821.18	4459099	5188	526185.9	4459106	5238	525873.1	4459822
5139	526816.32	4459101	5189	526173.7	4459104	5239	525871.8	4459828
5140	526813.67	4459102	5190	526157.6	4459102	5240	525870.1	4459842
5141	526812.46	4459103	5191	526148.4	4459101	5241	525868.4	4459852
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5146	526789.75	4459117	5196	526051.7	4459108	5246	525864.1	4459955
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5150	526759.22	4459125	5200	526003.8	4459132	5250	525883.5	4460008
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5252	525939.56	4460068	5302	525476.7	4460467	5352	524938.5	4460534
5253	525939.77	4460078	5303	525472.1	4460468	5353	524926.9	4460540
5254	525940.04	4460090	5304	525463.9	4460471	5354	524917.3	4460551
5255	525940.11	4460093	5305	525453.8	4460474	5355	524913.6	4460562
5256	525940.8	4460125	5306	525446.2	4460473	5356	524910.3	4460576
5257	525940.91	4460129	5307	525440.3	4460472	5357	524911.7	4460593
5258	525941.16	4460141	5308	525431.6	4460469	5358	524909.9	4460606
5259	525941.46	4460155	5309	525422.9	4460467	5359	524905.4	4460616
5260	525941.89	4460174	5310	525417.7	4460464	5360	524897.5	4460620
5261	525916.8	4460193	5311	525408.7	4460456	5361	524890.7	4460625
5262	525912.34	4460197	5312	525401.2	4460453	5362	524881.9	4460628
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5264	525894.2	4460211	5314	525378.9	4460460	5364	524871	4460643
5265	525844.97	4460202	5315	525372.5	4460467	5365	524864.9	4460652
5266	525794.52	4460193	5316	525367.2	4460477	5366	524854.6	4460658
5267	525792.87	4460195	5317	525364.7	4460492	5367	524839.5	4460660
5268	525782.72	4460213	5318	525358.2	4460503	5368	524825.2	4460659
5269	525771.64	4460239	5319	525350.6	4460510	5369	524800.2	4460657
5270	525765.86	4460254	5320	525339.4	4460516	5370	524785.9	4460658
5271	525762.98	4460262	5321	525329.1	4460519	5371	524770.4	4460660
5272	525754.04	4460289	5322	525320.7	4460520	5372	524757.9	4460660
5273	525750.72	4460302	5323	525307.1	4460527	5373	524742.5	4460656
5274	525770.18	4460312	5324	525293.2	4460531	5374	524727.4	4460652
5275	525842.87	4460342	5325	525277.8	4460528	5375	524711.2	4460647
5276	525844.03	4460380	5326	525267.2	4460530	5376	524698.2	4460643
5277	525835.79	4460407	5327	525249.6	4460537	5377	524689.4	4460641
5278	525822.03	4460407	5328	525227.8	4460538	5378	524674	4460641
5279	525807.18	4460410	5329	525200	4460542	5379	524663.3	4460640
5280	525792.86	4460413	5330	525191.6	4460543	5380	524653.7	4460638
5281	525785.4	4460417	5331	525184.4	4460546	5381	524641.5	4460635
5282	525774.79	4460420	5332	525172.5	4460548	5382	524632.8	4460628
5283	525763.14	4460421	5333	525153.8	4460554	5383	524625	4460622
5284	525750.89	4460427	5334	525144.6	4460558	5384	524617.9	4460617
5285	525745.52	4460435	5335	525135.5	4460560	5385	524594.5	4460609
5286	525734.27	4460447	5336	525126.7	4460559	5386	524561.3	4460597
5287	525719.86	4460457	5337	525120	4460557	5387	524538.1	4460596
5288	525702.4	4460458	5338	525113.7	4460555	5388	524520.6	4460600
5289	525688.11	4460457	5339	525110.2	4460553	5389	524499.3	4460607
5290	525675.39	4460459	5340	525107.4	4460548	5390	524481.3	4460609
5291	525655.19	4460467	5341	525103.5	4460541	5391	524459.5	4460614



5292	525625.39	4460482	5342	525097.2	4460537	5392	524440.9	4460621
5293	525603.56	4460494	5343	525086.6	4460532	5393	524428.8	4460619
5294	525590.3	4460497	5344	525068.7	4460532	5394	524413	4460616
5295	525579.95	4460497	5345	525058	4460534	5395	524400.8	4460616
5296	525565.42	4460495	5346	525043.6	4460539	5396	524386	4460616
5297	525543.71	4460485	5347	525031.6	4460542	5397	524370.5	4460615
5298	525517.73	4460471	5348	525020.5	4460542	5398	524349.5	4460614
5299	525508.19	4460467	5349	525001.1	4460539	5399	524335.7	4460614
5300	525496.62	4460466	5350	524978.9	4460535	5400	524310.5	4460611
5401	524290.04	4460611	5451	523988.2	4461355	5501	524552.7	4464764
5402	524262.21	4460615	5452	524008.6	4461390	5502	524584.2	4464787
5403	524237.05	4460617	5453	524087.3	4461491	5503	524607.6	4464828
5404	524221.15	4460620	5454	524124.8	4461541	5504	524572.8	4464887
5405	524197.93	4460625	5455	524154.3	4461604	5505	524556.4	4464933
5406	524184.69	4460632	5456	524163.9	4461632	5506	524523.9	4465003
5407	524175.01	4460640	5457	524168.1	4461676	5507	524501.3	4465031
5408	524167.89	4460649	5458	524167.8	4461710	5508	524483.5	4465064
5409	524156.51	4460662	5459	524155	4461735	5509	524467.4	4465086
5410	524143.24	4460666	5460	524132.2	4461762	5510	524425.5	4465141
5411	524131.31	4460667	5461	524106.4	4461784	5511	524384.2	4465180
5412	524116.76	4460667	5462	524088.1	4461791	5512	524326.7	4465206
5413	524086.97	4460669	5463	524081.5	4461818	5513	524280.4	4465230
5414	524065.15	4460668	5464	524093.1	4461856	5514	524222.8	4465292
5415	524047.97	4460667	5465	524103.3	4461924	5515	524168.9	4465377
5416	524036.76	4460664	5466	524104.8	4461971	5516	524141.7	4465446
5417	524025.6	4460656	5467	524118.8	4462023	5517	524110.8	4465492
5418	524013.12	4460648	5468	524119.3	4462118	5518	524084.7	4465575
5419	524002.61	4460642	5469	524115	4462221	5519	524069.5	4465629
5420	523990.76	4460637	5470	524108.8	4462262	5520	524041.2	4465681
5421	523974.95	4460631	5471	524076.6	4462342	5521	523982.3	4465742
5422	523961.1	4460627	5472	524072.6	4462422	5522	523937.6	4465830
5423	523951.92	4460620	5473	524080	4462462	5523	523924.1	4465879
5424	523944.06	4460613	5474	524087.3	4462505	5524	523883.1	4465953
5425	523937.55	4460604	5475	524098.2	4462554	5525	523861.1	4466024
5426	523929.14	4460587	5476	524122.7	4462603	5526	523864	4466139
5427	523811.59	4460651	5477	524150.2	4462668	5527	523848.6	4466194
5428	523853.77	4460759	5478	524146.2	4462694	5528	523828.6	4466276
5429	523864.49	4460801	5479	524150.5	4462851	5529	523826	4466325
5430	523869.98	4460822	5480	524172.7	4462997	5530	523851	4466357
5431	523880.17	4460853	5481	524163.7	4463081	5531	523869.7	4466391
5432	523895.82	4460873	5482	524152.6	4463126	5532	523888.4	4466416
5433	523928.49	4460909	5483	524154.7	4463171	5533	523898.6	4466454
5434	523938.22	4460926	5484	524164.7	4463221	5534	523887.6	4466488
5435	523926.66	4460966	5485	524164.2	4463264	5535	523870.1	4466537
5436	523916.18	4461003	5486	524166.4	4463306	5536	523863	4466602
5437	523903.82	4461043	5487	524195	4463354	5537	523857.9	4466680



5438	523905.68	4461054	5488	524226.2	4463405	5538	523868.3	4466744
5439	523914.81	4461066	5489	524222.9	4463463	5539	523880.9	4466774
5440	523929.28	4461074	5490	524188.7	4463679	5540	523883.8	4466802
5441	523941.37	4461113	5491	524191.4	4463907	5541	523878.7	4466852
5442	523940.3	4461140	5492	524153.8	4464140	5542	523866.9	4466886
5443	523938.04	4461164	5493	524159	4464194	5543	523868.7	4466941
5444	523946.21	4461203	5494	524167.4	4464249	5544	523868.5	4466964
5445	523975.44	4461250	5495	524197.2	4464308	5545	523869.9	4466990
5446	523981.85	4461268	5496	524246.9	4464381	5546	523865.4	4467062
5447	523983.67	4461283	5497	524292.4	4464451	5547	523866	4467127
5448	523983.43	4461304	5498	524337.4	4464500	5548	523870.8	4467169
5449	523979.26	4461322	5499	524384.6	4464558	5549	523871.1	4467205
5450	523979.75	4461337	5500	524453.6	4464663	5550	523867.3	4467235
5551	523857.69	4467283	5601	525718.4	4468021	5651	526818.4	4468436
5552	523852.41	4467298	5602	525755.8	4468019	5652	526828	4468436
5553	523838.95	4467336	5603	525825.8	4468000	5653	526842.3	4468431
5554	523828.3	4467365	5604	525858.6	4467984	5654	526855.2	4468430
5555	523817.32	4467385	5605	525871.3	4467976	5655	526862.8	4468430
5556	523812.08	4467395	5606	525905.3	4467988	5656	526874.1	4468426
5557	523888.25	4467441	5607	525938.7	4468023	5657	526888.4	4468416
5558	523920.99	4467471	5608	526194.3	4468291	5658	526916	4468408
5559	523933.95	4467495	5609	526210.1	4468303	5659	526936.2	4468405
5560	523974.11	4467613	5610	526233.8	4468312	5660	526973.6	4468406
5561	523965.17	4467702	5611	526259.9	4468320	5661	527002.9	4468414
5562	523957.71	4467777	5612	526274.8	4468333	5662	527048.4	4468420
5563	523966.29	4467870	5613	526289.1	4468347	5663	527059.5	4468423
5564	523990.43	4467948	5614	526295.4	4468351	5664	527103	4468426
5565	524032.73	4468045	5615	526308.4	4468358	5665	527103.1	4468439
5566	524071.04	4468120	5616	526315.1	4468364	5666	527101.8	4468445
5567	524093.85	4468155	5617	526323.3	4468377	5667	527098.2	4468454
5568	524209.93	4468280	5618	526327.1	4468388	5668	527093.3	4468463
5569	524327.49	4468415	5619	526330.6	4468393	5669	527087.2	4468470
5570	524387.79	4468392	5620	526334.5	4468397	5670	527076.2	4468480
5571	524419.28	4468378	5621	526342.5	4468399	5671	527068.5	4468489
5572	524451.22	4468359	5622	526351.2	4468401	5672	527065.4	4468490
5573	524512.7	4468322	5623	526363.8	4468406	5673	527051.8	4468492
5574	524573.15	4468311	5624	526377.3	4468417	5674	527040.3	4468493
5575	524638.78	4468310	5625	526393.5	4468432	5675	527038	4468494
5576	524677.02	4468331	5626	526405.8	4468445	5676	527032.3	4468496
5577	524727.12	4468359	5627	526414.6	4468456	5677	527029.3	4468497
5578	524776.66	4468378	5628	526418.8	4468463	5678	527022.6	4468500
5579	524792.52	4468383	5629	526429.6	4468472	5679	527020.8	4468501
5580	524817.28	4468388	5630	526440	4468486	5680	527017.9	4468503
5581	524839.5	4468388	5631	526445.7	4468496	5681	527016.4	4468505
5582	524871.87	4468381	5632	526450.9	4468506	5682	527016.2	4468508
5583	524906.89	4468373	5633	526460	4468514	5683	527016.3	4468510



5584	524960.79	4468357	5634	526485.8	4468526	5684	527018.2	4468513
5585	525054.73	4468239	5635	526507.2	4468536	5685	527021.3	4468516
5586	525075.86	4468195	5636	526520.4	4468536	5686	527023.9	4468518
5587	525109.59	4468161	5637	526556	4468538	5687	527026.2	4468519
5588	525128.78	4468148	5638	526579.9	4468531	5688	527030.8	4468521
5589	525173.81	4468127	5639	526602.2	4468525	5689	527034.1	4468523
5590	525223.56	4468100	5640	526614.2	4468508	5690	527040.7	4468530
5591	525281.04	4468057	5641	526646.4	4468475	5691	527042.4	4468534
5592	525333.72	4468005	5642	526665	4468465	5692	527041.8	4468538
5593	525420.78	4467947	5643	526696.1	4468464	5693	527041.2	4468540
5594	525473.98	4467948	5644	526728.5	4468465	5694	527038	4468544
5595	525500.84	4467959	5645	526762.9	4468460	5695	527031.4	4468552
5596	525541.11	4467978	5646	526771.2	4468460	5696	527029.8	4468557
5597	525586.95	4467996	5647	526787.4	4468457	5697	527026.8	4468561
5598	525626.48	4468010	5648	526799.7	4468454	5698	527017.2	4468569
5599	525658.94	4468017	5649	526805.7	4468448	5699	527003.1	4468580
5600	525683.51	4468021	5650	526810.1	4468440	5700	526998.8	4468584
5701	526997.1	4468588	5751	527043.7	4468843	5801	526951.1	4468964
5702	526999.3	4468599	5752	527042.7	4468847	5802	526943.9	4468972
5703	527001.11	4468608	5753	527040.3	4468851	5803	526940.3	4468978
5704	527003.31	4468619	5754	527038	4468856	5804	526939.4	4468983
5705	527005.68	4468634	5755	527035.7	4468860	5805	526940.5	4468990
5706	527006.45	4468641	5756	527032.8	4468862	5806	526941.7	4468993
5707	527011.86	4468649	5757	527030	4468861	5807	526944.4	4468999
5708	527015.2	4468653	5758	527026.8	4468861	5808	526946.2	4469003
5709	527015.38	4468656	5759	527023.9	4468863	5809	526946.7	4469006
5710	527013.07	4468660	5760	527022.6	4468866	5810	526945.6	4469009
5711	527011.12	4468664	5761	527023.2	4468870	5811	526943	4469011
5712	527010.92	4468668	5762	527025.1	4468873	5812	526939.7	4469012
5713	527010.21	4468674	5763	527026.2	4468876	5813	526936.3	4469014
5714	527010	4468678	5764	527026.3	4468878	5814	526932.9	4469015
5715	527010.42	4468684	5765	527025	4468882	5815	526927.7	4469015
5716	527007.46	4468693	5766	527022.9	4468884	5816	526922.5	4469016
5717	527005.02	4468698	5767	527019.7	4468885	5817	526916.7	4469015
5718	527004.47	4468704	5768	527014	4468884	5818	526912.7	4469012
5719	527003.61	4468710	5769	527005.6	4468882	5819	526910.5	4469008
5720	527003.69	4468718	5770	527000.5	4468880	5820	526907.5	4469007
5721	527005.98	4468725	5771	526998.2	4468876	5821	526904.1	4469006
5722	527013.89	4468742	5772	526998.1	4468873	5822	526901.4	4469007
5723	527016.54	4468747	5773	526995.2	4468868	5823	526898.4	4469009
5724	527020.14	4468750	5774	526993.7	4468866	5824	526895.5	4469012
5725	527024.07	4468755	5775	526991	4468866	5825	526894.4	4469015
5726	527029.86	4468761	5776	526988.5	4468867	5826	526894.4	4469020
5727	527029.98	4468764	5777	526987	4468871	5827	526893.7	4469025
5728	527030.74	4468767	5778	526986.2	4468874	5828	526892.7	4469029
5729	527033.39	4468771	5779	526984.4	4468880	5829	526892.7	4469039



5730	527035.24	4468776	5780	526981	4468884	5830	526892.8	4469047
5731	527037.11	4468779	5781	526978.6	4468887	5831	526892.9	4469056
5732	527039.94	4468782	5782	526977.4	4468890	5832	526893.2	4469064
5733	527041.47	4468787	5783	526977.1	4468893	5833	526892.1	4469073
5734	527041.72	4468792	5784	526976.6	4468897	5834	526885	4469086
5735	527040.06	4468799	5785	526976.8	4468900	5835	526878	4469099
5736	527036.31	4468808	5786	526977.4	4468903	5836	526873.5	4469104
5737	527032.9	4468815	5787	526977.7	4468907	5837	526865.5	4469105
5738	527030.14	4468820	5788	526974.5	4468910	5838	526861	4469105
5739	527025.61	4468827	5789	526971.5	4468911	5839	526854.5	4469102
5740	527024.07	4468835	5790	526967	4468912	5840	526847.7	4469102
5741	527024.03	4468839	5791	526961.8	4468913	5841	526840.9	4469105
5742	527024.48	4468841	5792	526956.8	4468916	5842	526833.2	4469111
5743	527026.06	4468842	5793	526953.3	4468922	5843	526829.4	4469115
5744	527028.6	4468842	5794	526951.4	4468928	5844	526824.1	4469118
5745	527031.79	4468841	5795	526949.2	4468934	5845	526821	4469125
5746	527033.55	4468839	5796	526951.7	4468939	5846	526817.7	4469142
5747	527036.11	4468838	5797	526955	4468944	5847	526806.9	4469160
5748	527038.18	4468837	5798	526957.1	4468949	5848	526800.2	4469169
5749	527041.19	4468838	5799	526957.7	4468953	5849	526793.3	4469173
5750	527043.39	4468840	5800	526955.4	4468957	5850	526784.2	4469176
5851	526774.18	4469177	5901	526474.5	4469355	5951	526341.9	4469524
5852	526766.79	4469175	5902	526473.3	4469361	5952	526336.1	4469529
5853	526758.83	4469178	5903	526479.8	4469371	5953	526330.6	4469532
5854	526750.57	4469182	5904	526481.1	4469373	5954	526325.9	4469535
5855	526746.55	4469187	5905	526484.9	4469384	5955	526321.4	4469540
5856	526745.7	4469192	5906	526484.8	4469392	5956	526318.2	4469543
5857	526747.77	4469196	5907	526484.8	4469399	5957	526313.2	4469549
5858	526752.49	4469200	5908	526483.2	4469405	5958	526308.5	4469552
5859	526756.39	4469206	5909	526481.5	4469409	5959	526306.2	4469556
5860	526756.88	4469209	5910	526474.7	4469413	5960	526303.1	4469564
5861	526753.63	4469216	5911	526465.1	4469414	5961	526298.8	4469568
5862	526748.28	4469221	5912	526457.5	4469412	5962	526293.5	4469570
5863	526737.64	4469226	5913	526450.1	4469409	5963	526277.7	4469576
5864	526732.86	4469228	5914	526443	4469403	5964	526262.2	4469579
5865	526727.29	4469229	5915	526428.7	4469395	5965	526251.5	4469577
5866	526729.15	4469234	5916	526426.8	4469395	5966	526247.6	4469575
5867	526729.08	4469241	5917	526424.4	4469396	5967	526234.7	4469573
5868	526723.37	4469248	5918	526423.3	4469399	5968	526229.4	4469572
5869	526717.05	4469251	5919	526420.9	4469414	5969	526205.5	4469579
5870	526704.77	4469255	5920	526420.2	4469417	5970	526186.1	4469580
5871	526686.21	4469258	5921	526417.3	4469429	5971	526175	4469580
5872	526677.93	4469259	5922	526412.4	4469435	5972	526160.7	4469581
5873	526672.94	4469262	5923	526405.4	4469437	5973	526150.6	4469590
5874	526671.22	4469267	5924	526401.8	4469437	5974	526140.3	4469596
5875	526665.53	4469273	5925	526398.1	4469439	5975	526129.1	4469602



5876	526656.56	4469277	5926	526395.5	4469441	5976	526114.7	4469607
5877	526653.89	4469280	5927	526393.9	4469443	5977	526102.5	4469605
5878	526650.51	4469286	5928	526393.7	4469446	5978	526096.2	4469599
5879	526649.12	4469292	5929	526395.2	4469447	5979	526088.7	4469597
5880	526645.75	4469297	5930	526404	4469452	5980	526077.1	4469599
5881	526639.1	4469300	5931	526405.2	4469456	5981	526069.9	4469607
5882	526628.18	4469301	5932	526405.3	4469457	5982	526062.6	4469617
5883	526619.25	4469301	5933	526404.8	4469459	5983	526055.4	4469621
5884	526608	4469302	5934	526404.2	4469460	5984	526049.5	4469624
5885	526598.05	4469304	5935	526400.8	4469463	5985	526043.4	4469630
5886	526588.97	4469308	5936	526396.6	4469466	5986	526033.4	4469639
5887	526583.72	4469316	5937	526394.1	4469470	5987	526013	4469651
5888	526575.74	4469320	5938	526394.2	4469473	5988	525993.1	4469661
5889	526568.16	4469323	5939	526391.8	4469476	5989	525965.9	4469674
5890	526562.13	4469330	5940	526387.5	4469477	5990	525950	4469679
5891	526554.55	4469334	5941	526382.4	4469479	5991	525936.5	4469682
5892	526545.38	4469337	5942	526381	4469480	5992	525918.6	4469685
5893	526537.79	4469342	5943	526378.2	4469483	5993	525903.5	4469685
5894	526532.98	4469346	5944	526374.6	4469492	5994	525893.5	4469688
5895	526526.16	4469352	5945	526370.5	4469502	5995	525886.1	4469698
5896	526515.01	4469355	5946	526367.3	4469506	5996	525882.4	4469706
5897	526502.03	4469354	5947	526359.4	4469510	5997	525882	4469713
5898	526493.6	4469353	5948	526352.1	4469515	5998	525881	4469717
5899	526486.87	4469352	5949	526347.2	4469518	5999	525876.3	4469721
5900	526479.72	4469353	5950	526344	4469521	6000	525868.7	4469721
6001	525860.75	4469721	6051	526387.3	4470120	6101	528244.9	4470623
6002	525855.13	4469721	6052	526408.6	4470131	6102	528318.8	4470672
6003	525851.8	4469723	6053	526425.9	4470141	6103	528359.1	4470711
6004	525849.77	4469728	6054	526445.7	4470150	6104	528432	4470838
6005	525845.42	4469732	6055	526462.3	4470158	6105	528490.1	4470964
6006	525838.76	4469735	6056	526478.8	4470165	6106	528542.1	4471062
6007	525831.82	4469735	6057	526512	4470179	6107	528579.1	4471185
6008	525825.85	4469737	6058	526543.6	4470195	6108	528605.7	4471308
6009	525817.85	4469742	6059	526578.2	4470225	6109	528620.2	4471303
6010	525811.86	4469745	6060	526595.4	4470243	6110	528681.4	4471283
6011	525802.25	4469747	6061	526629.4	4470261	6111	528721.1	4471260
6012	525795.95	4469748	6062	526652.1	4470285	6112	528748.3	4471242
6013	525788.01	4469749	6063	526683.6	4470313	6113	528759	4471232
6014	525779.74	4469749	6064	526700.8	4470335	6114	528810.3	4471154
6015	525768.42	4469756	6065	526713.1	4470364	6115	528832.1	4471132
6016	525742.74	4469774	6066	526759.5	4470407	6116	528847.6	4471123
6017	525733.45	4469777	6067	526769	4470411	6117	528894.2	4471105
6018	525727.12	4469781	6068	526806.6	4470441	6118	528930.7	4471096
6019	525715.74	4469793	6069	526836.1	4470454	6119	529077.9	4471073
6020	525708.68	4469803	6070	526880.4	4470465	6120	529143.2	4471052
6021	525702.96	4469812	6071	526928.2	4470480	6121	529215.9	4471017



6022	525698.59	4469818	6072	526954.9	4470502	6122	529341.2	4470954
6023	525691.12	4469835	6073	526995.8	4470531	6123	529355.8	4470951
6024	525720.03	4469823	6074	527005.4	4470536	6124	529484.5	4470927
6025	525782.23	4469850	6075	527044.9	4470552	6125	529527.7	4470918
6026	525804.68	4469866	6076	527091.1	4470567	6126	529635.1	4470885
6027	525825.99	4469876	6077	527117.4	4470575	6127	529642.9	4470881
6028	525847.3	4469887	6078	527151.1	4470584	6128	529826.9	4470806
6029	525860.28	4469898	6079	527182	4470594	6129	529908.6	4470793
6030	525877.25	4469906	6080	527203.1	4470600	6130	529948.8	4470786
6031	525889.06	4469915	6081	527234.2	4470606	6131	529987.1	4470774
6032	525896.48	4469925	6082	527258	4470602	6132	530001.6	4470803
6033	525903.09	4469937	6083	527277.9	4470594	6133	530068.2	4470885
6034	525911.28	4469950	6084	527309.9	4470578	6134	530085.8	4470922
6035	525919.87	4469963	6085	527362.4	4470553	6135	530113.9	4470960
6036	525929.32	4469969	6086	527400.3	4470538	6136	530147.4	4470995
6037	525960.58	4469978	6087	527483	4470522	6137	530192.5	4471028
6038	526016.41	4469978	6088	527505.2	4470520	6138	530223.9	4471063
6039	526051.38	4469986	6089	527541.3	4470510	6139	530248.9	4471101
6040	526087.61	4469999	6090	527585.5	4470491	6140	530274.9	4471137
6041	526110.65	4470008	6091	527616.2	4470485	6141	530294.7	4471162
6042	526132.95	4470025	6092	527649.6	4470481	6142	530303.9	4471164
6043	526148.64	4470042	6093	527700.8	4470489	6143	530309.4	4471169
6044	526169.66	4470055	6094	527739.4	4470497	6144	530316	4471172
6045	526186.12	4470062	6095	527830.5	4470499	6145	530321	4471175
6046	526209.23	4470066	6096	527906.5	4470524	6146	530324.7	4471177
6047	526228.41	4470066	6097	527984.8	4470543	6147	530331	4471178
6048	526279.85	4470073	6098	528052	4470559	6148	530337.9	4471179
6049	526321.67	4470096	6099	528117.4	4470572	6149	530346.6	4471182
6050	526366.75	4470111	6100	528190.9	4470595	6150	530350	4471185
6151	530352.04	4471191	6201	530634.2	4471499	6251	530767.6	4472038
6152	530354.61	4471198	6202	530638.1	4471508	6252	530774.3	4472056
6153	530356.95	4471202	6203	530644	4471516	6253	530778.4	4472066
6154	530361.68	4471204	6204	530651.6	4471530	6254	530777.7	4472082
6155	530366.42	4471207	6205	530655.9	4471541	6255	530778.5	4472105
6156	530369.56	4471210	6206	530665.3	4471552	6256	530787.6	4472124
6157	530372.42	4471214	6207	530670.2	4471565	6257	530794.3	4472138
6158	530375.28	4471219	6208	530673.5	4471577	6258	530803.2	4472149
6159	530380.26	4471222	6209	530674.2	4471585	6259	530812.1	4472158
6160	530382.37	4471223	6210	530672	4471596	6260	530818.2	4472173
6161	530386.59	4471224	6211	530671.8	4471604	6261	530821.2	4472190
6162	530393.45	4471226	6212	530679.2	4471617	6262	530817.9	4472202
6163	530398.43	4471230	6213	530682.6	4471631	6263	530816.2	4472214
6164	530403.92	4471236	6214	530687.7	4471642	6264	530820.8	4472227
6165	530409.65	4471244	6215	530693.9	4471649	6265	530827	4472241
6166	530416.43	4471253	6216	530701.4	4471656	6266	530832.7	4472256
6167	530423.8	4471258	6217	530707.7	4471663	6267	530843.6	4472274



6168	530435.86	4471268	6218	530712	4471670	6268	530852.4	4472289
6169	530450.55	4471279	6219	530717.8	4471680	6269	530858.6	4472305
6170	530455.51	4471285	6220	530720.5	4471690	6270	530859.4	4472324
6171	530457.52	4471294	6221	530721.9	4471703	6271	530857.1	4472337
6172	530461.89	4471306	6222	530722.6	4471712	6272	530847	4472349
6173	530466.34	4471310	6223	530726	4471723	6273	530842.6	4472361
6174	530471.87	4471312	6224	530730.3	4471730	6274	530842.9	4472379
6175	530478.75	4471313	6225	530734.6	4471743	6275	530854.8	4472389
6176	530486.68	4471313	6226	530737.2	4471755	6276	530864.6	4472403
6177	530494.88	4471313	6227	530738.7	4471765	6277	530870.8	4472413
6178	530501.72	4471316	6228	530739.3	4471780	6278	530873.9	4472424
6179	530507.22	4471321	6229	530739.1	4471794	6279	530874.2	4472432
6180	530515.92	4471324	6230	530742.2	4471807	6280	530874.9	4472441
6181	530519.31	4471329	6231	530747.8	4471822	6281	530876	4472451
6182	530525.85	4471335	6232	530757.7	4471835	6282	530881.8	4472462
6183	530535.36	4471340	6233	530768.2	4471845	6283	530888.1	4472475
6184	530549.84	4471346	6234	530778.7	4471853	6284	530895.1	4472489
6185	530564.26	4471358	6235	530782.8	4471865	6285	530902	4472509
6186	530573.44	4471365	6236	530782.7	4471874	6286	530905.7	4472532
6187	530582.94	4471373	6237	530785.7	4471884	6287	530905.3	4472565
6188	530591.82	4471377	6238	530792.5	4471893	6288	530916.2	4472586
6189	530597	4471387	6239	530802	4471899	6289	530926.3	4472608
6190	530601.21	4471395	6240	530808.8	4471903	6290	530938	4472624
6191	530606.04	4471407	6241	530814	4471913	6291	530951.2	4472649
6192	530611.9	4471415	6242	530818.1	4471927	6292	530957.3	4472669
6193	530619.41	4471424	6243	530810	4471938	6293	530966.6	4472689
6194	530626.25	4471433	6244	530803	4471947	6294	530974.3	4472708
6195	530627.79	4471443	6245	530801.8	4471959	6295	530983.6	4472729
6196	530628.57	4471458	6246	530796.9	4471969	6296	531005.7	4472742
6197	530627.42	4471466	6247	530787.3	4471977	6297	531015.2	4472745
6198	530627.09	4471472	6248	530778.7	4471988	6298	531028.2	4472754
6199	530627	4471480	6249	530772.8	4472002	6299	531042.8	4472763
6200	530629.81	4471489	6250	530771.5	4472021	6300	531049.8	4472776
6301	531054.4	4472788	6351	531098.3	4473994	6401	531377.2	4476312
6302	531066.2	4472798	6352	531083	4474039	6402	531218	4476342
6303	531082.36	4472807	6353	531069.7	4474089	6403	531016.6	4476366
6304	531096.96	4472815	6354	530955.6	4474166	6404	530819.5	4476475
6305	531116.29	4472825	6355	530999.3	4474213	6405	530649.3	4476542
6306	531138.8	4472835	6356	531058.6	4474234	6406	530542.4	4476636
6307	531152.64	4472840	6357	531101.9	4474265	6407	530430	4476746
6308	531162.47	4472848	6358	531121.5	4474288	6408	530344.3	4476830
6309	531174.41	4472868	6359	531137.1	4474308	6409	530279.9	4476908
6310	531182.99	4472881	6360	531179.4	4474315	6410	530226.2	4476976
6311	531187.22	4472894	6361	531254.8	4474311	6411	530124.8	4477049
6312	531184.29	4472907	6362	531305	4474322	6412	530007.5	4477122
6313	531181.03	4472914	6363	531348.7	4474321	6413	529921.7	4477217



6314	531171.48	4472916	6364	531449.8	4474271	6414	529776.2	4477443
6315	531160.72	4472921	6365	531543.1	4474204	6415	529828.6	4477491
6316	531145.94	4472929	6366	531626.8	4474172	6416	529986.3	4477593
6317	531128.82	4472933	6367	531676.3	4474130	6417	530043.2	4477705
6318	531103	4472935	6368	531681.8	4474109	6418	530102.1	4477824
6319	531091.49	4472935	6369	531683.4	4474080	6419	530143.1	4477946
6320	531076.87	4472930	6370	531695.3	4474039	6420	530183.8	4478089
6321	531069.03	4472921	6371	531702.7	4474013	6421	530230.3	4478191
6322	531055.22	4472914	6372	531720.2	4473991	6422	530271.4	4478302
6323	531045.37	4472907	6373	531749.4	4473982	6423	530344.7	4478372
6324	531031.94	4472901	6374	531806.2	4473985	6424	530518.7	4478437
6325	531016.12	4472897	6375	531861	4474031	6425	530607.9	4478507
6326	530999.35	4472906	6376	531892.7	4474057	6426	530723.5	4478583
6327	530983.28	4472923	6377	531977.3	4474069	6427	530828.9	4478626
6328	530972.38	4472940	6378	532039.8	4474037	6428	530981.5	4478707
6329	530971.43	4472953	6379	532076.1	4474019	6429	531129	4478767
6330	530977.27	4472963	6380	532088.9	4474009	6430	531255.8	4478790
6331	530986.67	4472974	6381	532107.2	4474143	6431	531339.7	4478865
6332	530990.9	4472986	6382	532111	4474153	6432	531407.6	4478945
6333	530990.37	4472998	6383	532216	4474415	6433	531518.8	4478946
6334	530982.7	4473009	6384	532270.4	4474657	6434	531687.7	4478991
6335	530972.68	4473018	6385	532223.3	4474885			
6336	530957.63	4473023	6386	532215.8	4474914			
6337	530940.67	4473025	6387	532114.1	4475194			
6338	530928	4473023	6388	532056.8	4475342			
6339	530912.06	4473018	6389	532041.1	4475450			
6340	530911.82	4473032	6390	531999.8	4475587			
6341	530973.87	4473160	6391	531997.9	4475644			
6342	531004.3	4473277	6392	532001.8	4475671			
6343	531112.49	4473537	6393	532016.3	4475694			
6344	531125.95	4473643	6394	531980.7	4475842			
6345	531110.73	4473736	6395	531932	4475937			
6346	531115.51	4473782	6396	531862	4476047			
6347	531133.23	4473806	6397	531776.4	4476120			
6348	531130.81	4473833	6398	531691	4476188			
6349	531119.68	4473881	6399	531589.6	4476256			
6350	531106.27	4473944	6400	531493.9	4476292			



Aneksi nr. 3

PARKU KOMBËTAR “BUTRINT”

Zona brenda këtij ekosistemit natyror përfshin pyje, kullota, bujqësore, shkurre, sipërfaqe ujore, sipërfaqe kënetore, sipërfaqe ujore detare, sipërfaqe me vegjetacion të pakët, bimësi barishtore dhe zona urbane. Mbulesa e tokës brenda sipërfaqes së Parkut Kombëtar, jepet në Tabelën 1 të këtij vendimi si më poshtë vijon:

Tabela 1. Sipërfaqja e PK-së, e përshkruar sipas mbulesës.

Mbulesa	Sip. në ha	Përqindja
Bujqësore	990.6	11.49
Pyje	190.5	2.21
Sipërfaqe heterogjene bujqësore	362.7	4.21
Sipërfaqe ujore	103.9	1.21
Sipërfaqe kënetore	317.8	3.69
Sipërfaqe ujore detare	2688.5	31.18
Sipërfaqe me vegjetacion të pakët	602.0	6.98
Kullota	42.4	0.49
Shkurre & Bimësi barishtore	3318.9	38.49
Zona urbane	4.9	0.06
Totali	8622.2	100.00

Ekosistemi natyror/ligatinor “Butrint” shpallur “Park Kombëtar” ndahet në katër nënzona ruajtjeje e administrimi, si më poshtë vijon:

a) Nënzona Qendrore, me sipërfaqe 3023.5 (tre mijë e njëzet e tre presje pesë) ha, e shënuar në hartë me ZQ.

Kjo nënzona përfshin habitatet kryesore pyjore, shkurre dhe përcaktohet si zonë me vlera të larta e të rralla për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla më e lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzona lejohen kërkimi shkencor, zhvillimi i veprimtarive ekoturistike të lira në natyrë.

b) Nënzona e Përdorimit Tradicional dhe Zhvillimit të Qëndrueshëm, me sipërfaqe 4795.3 (katër mijë e shtatëqind e nëntëdhjetë e pesë presje tre) ha, e shënuar në hartë me ZPTQ.

Kjo nënzona përfshin tokat pyjore, bujqësore e kullotat, dhe territore ujore ku mundësohet vazhdimi i veprimtarive tradicionale si punime për shëndetësimin e pyjeve, aktivitete bujqësore, aktiviteti i peshkimit artizanal, kullotja, grumbullimi dhe kultivimi i bimëve mjekësore e aromatike, me përdorim të balancuar të tyre dhe nuk lejohen ndërtimet e veprimtaritë ekonomike që shkaktojnë ndryshimin e gjendjes natyrore të ekosistemit natyror. Në nënzona e përdorimit tradicional dhe zhvillimit të qëndrueshëm, zbatohet shkalla e dytë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive ekonomike, sociale, agrobiznesit, argëtuese, sportive e ekoturistike, ndërtimi i infrastrukturës sipas planeve të zhvillimit urban e turistik të miratuar nga Këshilli Kombëtar i Territorit (KKT), të cilat nuk çenojnë integritetin ekologjik të ekosistemit natyror dhe respektojnë funksionet e zonës së mbrojtur, vlerat ekologjike dhe ato të peizazhit natyror e kulturor.

c) Nënzona e Trashëgimisë dhe Peizazhit Kulturor, me sipërfaqe 597.25 (pesëqind e nëntëdhjetë e shtate presje njëzet e pesë) ha, e shënuar në hartë me ZTPK.



Kjo nënzonë përfshin zonat arkeologjike dhe ato natyrore, në të zbatohet shkalla më e lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzonë lejohen kërkimi shkencor, pas pajisjes me leje si edhe zhvillimi i veprimtarive ekoturistike të kontrolluara në natyrë. Për konservimin dhe gërmimet e vazhdueshme duhet të zbatohen metodat dhe standardet, parimi kryesor i së cilave është mosçënim i identitetit të vendit, si pasojë e ndërhyrjeve të papërshtatshme apo të pakujdesshme.

d) Nënzona e Rekreacionit, me sipërfaqe 206.15 (dy qind e gjashtë presje pesëmbëdhjetë) ha, e shënuar në hartë me ZR.

Në këtë zonë përfshihen pjesët e habitateve pyjore dhe ujorë. Në të zbatohet shkalla e tretë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive turistike, si mundësi shëtitje në natyrë, shërbime turistike në mënyrë të tillë që respektojnë funksionet e zonës së mbrojtur, vlerat e tij ekologjike dhe ato të peizazhit natyror, në mbështetje të studimeve urbanistike të miratuar nga KKT-ja.

Zonimi dhe sipërfaqet në Parkun Kombëtar “Butrint” jepen në Tabelën 2.

Tabela 2. Zonimi i brendshëm i PK-së.

Zonimi	Sip. në ha	Përqindja
Zona qendrore	3023.5	35.07%
Zona e përdorimit tradicional dhe zhvillimit të qëndrueshëm	4795.3	55.62%
Zona e rekreacionit	206.15	2.39%
Zona e trashëgimisë dhe peizazhit kulturor	597.25	6.93%
Totali	8622.2	100

Nënzona e trashëgimisë dhe peizazhit kulturor menaxhohet nga ministria përgjegjëse për trashëgiminë kulturore. Në këtë nënzonë lejohet të kryhen aktivitete në përputhje me Planin e Menaxhimit të Integruar të Parkut Kombëtar të Butrintit 2020 – 2030.

Koordinatat e nënzonës së trashëgimisë dhe peizazhit kulturor janë në Shtojcën 3.

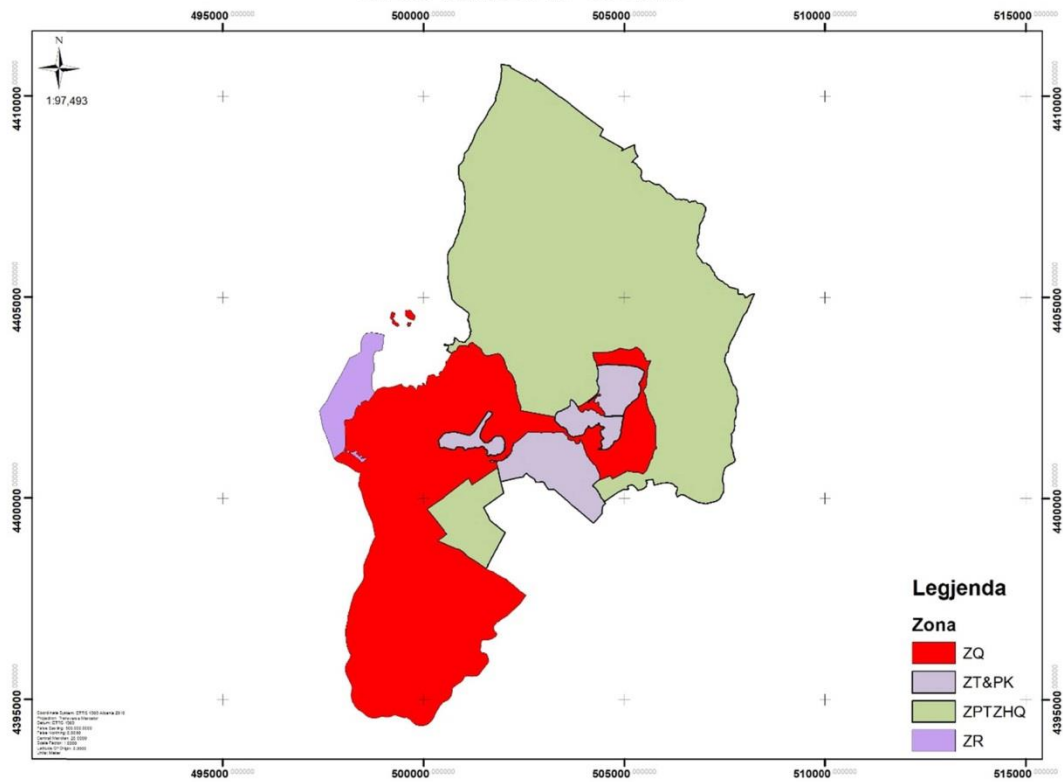
Planin e Menaxhimit të Parkut Kombëtar dhe objektivat e ruajtjes së zonës do të bazohen në Planin e Integruar të Menaxhimit të miratuar me vendim qeverie.

Administrata e Zonave të Mbrojtura të qarkut Vlorë, kryen funksionet menaxhuese të Parkut Kombëtar “Butrint”, me përjashtim të Nënzonës së Trashëgimisë dhe Peizazhit Kulturor.



SHTOJCA 1

PARKU KOMBETAR "BUTRINT"





SHTOJCA 2

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	499656	4404371.7	51	499651.7	4404300	101	499613	4404381
2	499656.8	4404371.6	52	499650.6	4404300	102	499613.9	4404382
3	499658.5	4404371.9	53	499648.6	4404298	103	499615	4404383
4	499660.2	4404372.7	54	499642	4404293	104	499616.3	4404384
5	499661	4404373.5	55	499636.3	4404289	105	499617.7	4404385
6	499662.1	4404376.2	56	499631	4404286	106	499619.1	4404385
7	499662.8	4404377.2	57	499627	4404284	107	499620.9	4404386
8	499663.6	4404377.7	58	499624	4404283	108	499626.7	4404386
9	499664.7	4404378.2	59	499621	4404282	109	499632.4	4404386
10	499668.3	4404379.1	60	499616.4	4404281	110	499634.2	4404386
11	499672.3	4404380	61	499612.4	4404281	111	499635.7	4404386
12	499674.9	4404380	62	499608.8	4404281	112	499638.2	4404385
13	499677.4	4404379.3	63	499605.6	4404282	113	499639.7	4404384
14	499680	4404377.9	64	499602.9	4404283	114	499640.7	4404384
15	499682.7	4404375.8	65	499601.6	4404284	115	499641.3	4404383
16	499684.5	4404373.5	66	499601.2	4404285	116	499641.4	4404382
17	499685.5	4404371.2	67	499601	4404286	117	499641	4404380
18	499686.2	4404368.2	68	499600.8	4404289	118	499641.1	4404379
19	499686.6	4404364.6	69	499600.7	4404293	119	499641.5	4404379
20	499686.5	4404363.2	70	499600.4	4404294	120	499642.2	4404378
21	499686.3	4404362.1	71	499599.8	4404296	121	499646.4	4404378
22	499685.3	4404360.5	72	499597.8	4404300	122	499649.2	4404377
23	499682.5	4404357.9	73	499596.8	4404301	123	499651.4	4404376
24	499681.6	4404356.8	74	499594.1	4404303	124	499652.5	4404375
25	499680.7	4404355.2	75	499593.2	4404305	125	499655.1	4404372
26	499678.5	4404350.1	76	499593.1	4404306	126	499656	4404372
27	499677.2	4404348.1	77	499593.1	4404307	127	499222	4404628
28	499675.6	4404346.1	78	499594.2	4404312	128	499223.3	4404628
29	499670.1	4404340.2	79	499594.3	4404316	129	499228.9	4404629
30	499666.7	4404336.9	80	499593.8	4404319	130	499233.4	4404628
31	499665.4	4404335.4	81	499593	4404321	131	499236.8	4404628
32	499664	4404333.2	82	499590.6	4404324	132	499239.1	4404627
33	499662.3	4404330.1	83	499589.8	4404326	133	499246.4	4404625
34	499660	4404325.4	84	499588.2	4404330	134	499253.7	4404624
35	499658.9	4404322.1	85	499587.8	4404332	135	499256.9	4404622
36	499658.3	4404319.1	86	499587.6	4404333	136	499261.4	4404620
37	499658.4	4404317.3	87	499587.7	4404335	137	499268	4404617
38	499659.2	4404316	88	499588	4404337	138	499274.2	4404614
39	499661.1	4404313.9	89	499589.9	4404343	139	499276.7	4404613
40	499663.3	4404311.5	90	499591.5	4404347	140	499280.9	4404610
41	499663.7	4404310.5	91	499593.7	4404352	141	499282.3	4404609
42	499664	4404309.2	92	499595.8	4404355	142	499283.4	4404607
43	499664	4404307.9	93	499597.4	4404357	143	499285	4404605



44	499663.9	4404306.5	94	499598.8	4404359	144	499286.4	4404601
45	499662.9	4404304	95	499602.1	4404362	145	499287.1	4404597
46	499662.3	4404303	96	499606.5	4404366	146	499287.5	4404593
47	499661.5	4404302.3	97	499609.4	4404370	147	499287.8	4404588
48	499660.2	4404301.7	98	499611.2	4404374	148	499287.6	4404586
49	499657.6	4404301.2	99	499611.7	4404375	149	499287.3	4404585
50	499653.4	4404300.7	100	499612.3	4404379	150	499286.7	4404584
151	499285.7	4404583.5	201	499287.8	4404432	251	499383.2	4404298
152	499281.7	4404581.2	202	499289.4	4404430	252	499379.1	4404296
153	499280.4	4404580.2	203	499290.8	4404427	253	499375.3	4404294
154	499277.3	4404576.8	204	499291.8	4404423	254	499373.4	4404294
155	499273.8	4404571.8	205	499292	4404420	255	499371.2	4404294
156	499270.4	4404566	206	499291.9	4404415	256	499362	4404294
157	499268	4404560.8	207	499290.9	4404409	257	499352.9	4404293
158	499266.3	4404555.5	208	499291	4404406	258	499346.8	4404292
159	499265.5	4404550.9	209	499291.3	4404401	259	499340.1	4404290
160	499265.4	4404547.8	210	499291.5	4404397	260	499337.3	4404289
161	499265.9	4404541	211	499291.7	4404396	261	499335.6	4404290
162	499266.1	4404535.8	212	499292.1	4404395	262	499333.8	4404290
163	499266	4404533	213	499292.9	4404394	263	499327.9	4404293
164	499265.1	4404528.9	214	499294.2	4404393	264	499325.6	4404294
165	499263.4	4404524.7	215	499299.7	4404391	265	499321	4404295
166	499261.3	4404520.7	216	499307.7	4404387	266	499314.3	4404296
167	499259.2	4404518	217	499313.5	4404384	267	499311.8	4404297
168	499257.5	4404516.5	218	499316.4	4404383	268	499310.1	4404298
169	499255.6	4404515.2	219	499325.7	4404381	269	499308.4	4404299
170	499253.8	4404514.3	220	499329.4	4404379	270	499306.8	4404300
171	499252	4404513.7	221	499335.3	4404376	271	499305.4	4404302
172	499250.1	4404513.4	222	499341.8	4404373	272	499304.4	4404304
173	499248.2	4404513.3	223	499345.6	4404371	273	499302.9	4404307
174	499246.5	4404513.5	224	499353.3	4404364	274	499302.1	4404309
175	499245	4404513.9	225	499357.9	4404362	275	499300.8	4404310
176	499243.4	4404515	226	499359.6	4404360	276	499297.3	4404314
177	499240.8	4404517.8	227	499361.4	4404358	277	499294.2	4404319
178	499239.7	4404518.8	228	499362.7	4404355	278	499292.7	4404320
179	499237.3	4404520.7	229	499362.9	4404353	279	499289.6	4404323
180	499236.6	4404521	230	499362.8	4404349	280	499285.5	4404325
181	499236	4404521.1	231	499363.1	4404347	281	499283	4404326
182	499235.3	4404520.9	232	499363.8	4404346	282	499276	4404327
183	499234.4	4404520.3	233	499364.8	4404344	283	499270.7	4404329
184	499232.4	4404518.1	234	499368.5	4404340	284	499266.9	4404331
185	499231.7	4404516.7	235	499370.6	4404339	285	499263.8	4404333
186	499231.2	4404515	236	499376.1	4404335	286	499257.3	4404338
187	499230.9	4404508.5	237	499380.8	4404331	287	499245.6	4404346
188	499230.6	4404504.1	238	499383.5	4404329	288	499241	4404349
189	499230.7	4404497.9	239	499386.9	4404324	289	499235.9	4404353



190	499230.7	4404491.4	240	499388	4404323	290	499231.1	4404358
191	499246.1	4404473.8	241	499388.9	4404321	291	499226	4404363
192	499252.9	4404464.7	242	499389.7	4404318	292	499223.6	4404365
193	499259.8	4404453.3	243	499390.3	4404313	293	499221.6	4404368
194	499265.3	4404439.4	244	499390.7	4404309	294	499220.2	4404371
195	499269.1	4404438.8	245	499390.7	4404308	295	499218.9	4404374
196	499275.3	4404437.8	246	499390.3	4404306	296	499217.7	4404380
197	499278.7	4404437	247	499389.6	4404304	297	499215.9	4404393
198	499283.3	4404435.3	248	499388.8	4404303	298	499214.1	4404400
199	499284.8	4404434.6	249	499387.7	4404302	299	499213.7	4404402
200	499286	4404433.7	250	499386.1	4404300	300	499214	4404406
301	499215.8	4404413.4	351	499193.7	4404606	401	499773.4	4404537
302	499216.4	4404418.9	352	499195.5	4404607	402	499772.7	4404533
303	499216.7	4404424	353	499197.1	4404608	403	499772.6	4404526
304	499216.4	4404428.4	354	499198.4	4404609	404	499773.6	4404511
305	499216.6	4404430.3	355	499199.3	4404611	405	499774.3	4404498
306	499217.5	4404433	356	499199.8	4404612	406	499774.2	4404494
307	499219.8	4404454.2	357	499200.1	4404613	407	499773.8	4404491
308	499217.3	4404454.2	358	499200.2	4404618	408	499772.9	4404488
309	499214.3	4404454.7	359	499200	4404619	409	499771.6	4404484
310	499211	4404455.9	360	499199.1	4404624	410	499765.9	4404474
311	499206.3	4404458	361	499199.1	4404626	411	499764.1	4404470
312	499204.3	4404459.1	362	499199.6	4404628	412	499760.8	4404460
313	499202.2	4404460.4	363	499200.4	4404631	413	499759.9	4404458
314	499193.9	4404466.6	364	499201.5	4404632	414	499759	4404456
315	499183.1	4404473.6	365	499202.7	4404634	415	499756.1	4404451
316	499176.8	4404477.7	366	499204.2	4404635	416	499753.8	4404448
317	499175.2	4404479	367	499205.9	4404636	417	499751.5	4404446
318	499173.9	4404480.3	368	499207.5	4404637	418	499749.2	4404444
319	499171.4	4404483.8	369	499208.9	4404637	419	499747.2	4404444
320	499170.7	4404485.2	370	499210	4404637	420	499744.8	4404444
321	499170.3	4404486.6	371	499211.3	4404636	421	499742.2	4404444
322	499170.2	4404487.8	372	499214.9	4404634	422	499737.3	4404444
323	499170.3	4404489.2	373	499216.2	4404633	423	499732.8	4404445
324	499172.1	4404495.3	374	499219.2	4404630	424	499728	4404446
325	499172.6	4404500.3	375	499220.9	4404629	425	499723.3	4404448
326	499172.8	4404506.9	376	499222	4404628	426	499712.7	4404452
327	499172.2	4404515.8	377	499667.6	4404681	427	499708.5	4404453
328	499172.3	4404519.2	378	499671.5	4404678	428	499697.9	4404458
329	499173.1	4404523.6	379	499675.2	4404675	429	499692.1	4404460
330	499174.9	4404530.3	380	499682.5	4404667	430	499689.4	4404461
331	499178	4404539.5	381	499687.6	4404662	431	499686.3	4404461
332	499178.7	4404543.2	382	499692.5	4404656	432	499673.1	4404463
333	499179.5	4404549.8	383	499695.8	4404652	433	499670.1	4404463
334	499180.2	4404556	384	499702.3	4404642	434	499667.6	4404464
335	499180.6	4404559.8	385	499705.3	4404638	435	499664	4404465



336	499180.7	4404563.8	386	499718.7	4404623	436	499660.2	4404467
337	499180.6	4404566.5	387	499727.5	4404610	437	499645.6	4404475
338	499180	4404568.9	388	499730.8	4404606	438	499629.2	4404482
339	499177.9	4404574.2	389	499736.6	4404600	439	499625.2	4404484
340	499177.5	4404576.7	390	499750.2	4404587	440	499621.6	4404487
341	499177.9	4404580	391	499760.6	4404577	441	499616	4404490
342	499179.4	4404585.3	392	499763.3	4404574	442	499611.3	4404493
343	499181.6	4404592	393	499765.6	4404571	443	499607.2	4404496
344	499183.4	4404596.5	394	499770.7	4404565	444	499603.6	4404500
345	499184.9	4404599.6	395	499773.4	4404561	445	499600.6	4404503
346	499186.8	4404603.6	396	499775.3	4404557	446	499594.4	4404510
347	499187.6	4404604.6	397	499776.4	4404554	447	499591.6	4404513
348	499188.4	4404605.3	398	499776.6	4404551	448	499587.5	4404516
349	499189.6	4404605.7	399	499776.3	4404548	449	499577.7	4404523
350	499192.5	4404606	400	499775.6	4404545	450	499573.6	4404526
451	499569.2	4404529.5	501	499642.6	4404687	551	505211.8	4408360
452	499565.3	4404533.3	502	499647.9	4404687	552	505221.8	4408362
453	499561.9	4404537	503	499653.5	4404687	553	505239.4	4408354
454	499558.8	4404540.7	504	499658.9	4404685	554	505269.9	4408323
455	499556.9	4404543.5	505	499663.8	4404684	555	505306.7	4408294
456	499554.8	4404546.8	506	499667.6	4404681	556	505323.9	4408271
457	499548.7	4404557.8	507	502446.4	4410562	557	505350.2	4408241
458	499542.6	4404567.5	508	502772.7	4410373	558	505373.2	4408218
459	499540.7	4404570.8	509	502794.5	4410417	559	505389.2	4408204
460	499539	4404574.7	510	502804.5	4410437	560	505398.9	4408191
461	499537.9	4404578.2	511	502828.3	4410408	561	505408.6	4408180
462	499537.4	4404581.5	512	502994.8	4410282	562	505415.5	4408171
463	499537.4	4404585.3	513	503369.7	4410000	563	505418.8	4408162
464	499537.6	4404589.2	514	503392.6	4409987	564	505421.1	4408148
465	499538.4	4404597.4	515	503409.1	4409979	565	505424	4408121
466	499538.9	4404601.9	516	503429.4	4409967	566	505421.1	4408099
467	499541.1	4404613.2	517	503621.5	4409823	567	505419.7	4408082
468	499541.4	4404616.4	518	504071.4	4409482	568	505415.2	4408058
469	499541.4	4404619.3	519	504471.9	4409183	569	505409.6	4408036
470	499541.1	4404622.2	520	504478.3	4409180	570	505407.7	4408019
471	499540.5	4404625.5	521	504393.5	4409026	571	505409.4	4408005
472	499537.5	4404636.7	522	504960.8	4408708	572	505425.2	4407962
473	499536.5	4404641.1	523	504951.7	4408688	573	505444.1	4407932
474	499534.7	4404650.1	524	504932.4	4408643	574	505458.1	4407917
475	499534.1	4404653.5	525	505089	4408721	575	505479.4	4407904
476	499533.9	4404657.1	526	505248	4408796	576	505509.3	4407897
477	499534.3	4404660.2	527	505259.1	4408798	577	505538.1	4407893
478	499535	4404662.4	528	505253.2	4408756	578	505575.6	4407896
479	499535.9	4404664.7	529	505254.7	4408720	579	505597.1	4407896
480	499538.2	4404669.1	530	505259.6	4408660	580	505609.5	4407896
481	499539.6	4404671.1	531	505268.9	4408625	581	505627.6	4407891



482	499541.1	4404672.9	532	505291.5	4408577	582	505699.8	4407849
483	499542.6	4404674.4	533	505307.7	4408549	583	505751.2	4407822
484	499544.1	4404675.5	534	505319.5	4408531	584	505785.1	4407815
485	499545.4	4404676.3	535	505324.9	4408521	585	505815.3	4407808
486	499546.9	4404676.9	536	505325.8	4408517	586	505822.9	4407808
487	499550.6	4404677.8	537	505327	4408511	587	505838.7	4407813
488	499554.4	4404678.1	538	505326.6	4408505	588	505853.9	4407813
489	499563.9	4404678.4	539	505325.4	4408499	589	505866.5	4407811
490	499571.6	4404678.7	540	505323.1	4408495	590	505877.2	4407802
491	499583.8	4404678.6	541	505317.8	4408492	591	505893.2	4407789
492	499595.9	4404678.1	542	505303.9	4408485	592	505905.3	4407775
493	499601	4404678.2	543	505299.9	4408482	593	505926	4407756
494	499606.2	4404678.6	544	505276.7	4408464	594	505954.7	4407731
495	499611.7	4404679.3	545	505265.9	4408455	595	505972.7	4407717
496	499617.6	4404680.3	546	505209.4	4408398	596	505992.1	4407694
497	499624.1	4404681.7	547	505198.2	4408382	597	506022.3	4407660
498	499627.8	4404682.8	548	505185.4	4408358	598	506033	4407649
499	499637.2	4404686.2	549	505194.4	4408357	599	506037.1	4407634
500	499640	4404686.9	550	505201.8	4408358	600	506043.8	4407625
601	506059.9	4407609.1	651	506748.3	4407405	701	506843	4406539
602	506072.6	4407600.6	652	506758.2	4407400	702	506840.7	4406502
603	506088.5	4407595.5	653	506776.4	4407390	703	506838.4	4406478
604	506097.8	4407594.3	654	506788.6	4407380	704	506837.2	4406467
605	506105.7	4407594.4	655	506799.8	4407369	705	506821.5	4406446
606	506119.7	4407586.6	656	506806.2	4407361	706	506823.6	4406421
607	506172.3	4407552.8	657	506819.2	4407358	707	506828.6	4406399
608	506187	4407541	658	506846.8	4407349	708	506843.4	4406362
609	506197.1	4407525.3	659	506868	4407345	709	506852.4	4406333
610	506210.5	4407510.2	660	506891.4	4407341	710	506857.4	4406311
611	506228.6	4407488.6	661	506907.8	4407340	711	506852.8	4406294
612	506261.4	4407457.2	662	506917.9	4407336	712	506837.4	4406259
613	506289.3	4407443	663	506934.3	4407331	713	506822.5	4406235
614	506307.9	4407438.5	664	506949.2	4407325	714	506808.4	4406221
615	506323	4407442	665	506964.1	4407315	715	506793.5	4406205
616	506338.5	4407446.7	666	506979.7	4407297	716	506791.3	4406191
617	506356.4	4407444.9	667	506991.5	4407282	717	506789	4406167
618	506379.6	4407439.8	668	506995.8	4407274	718	506791.8	4406129
619	506408.7	4407438.2	669	507003.3	4407265	719	506792.8	4406110
620	506438.4	4407438.5	670	507018.8	4407254	720	506798.6	4406088
621	506485.4	4407441	671	507024.2	4407243	721	506808.4	4406064
622	506512.5	4407436.7	672	507027.5	4407235	722	506828.5	4406037
623	506528.2	4407432.4	673	507027.6	4407221	723	506869.6	4405982
624	506540.4	4407430	674	507026.6	4407197	724	506909.1	4405929
625	506553.9	4407428	675	507023.8	4407169	725	506940.5	4405887
626	506561.9	4407424.9	676	507015.4	4407140	726	506961.5	4405859
627	506568.6	4407420.8	677	507004.6	4407112	727	506976.6	4405853



628	506582.4	4407404	678	507001.6	4407096	728	506996.5	4405850
629	506592.4	4407391.8	679	506997.9	4407073	729	507017.9	4405857
630	506598.8	4407387.1	680	506996.5	4407052	730	507030.6	4405858
631	506604.9	4407381.3	681	506995.1	4407038	731	507044.9	4405852
632	506608.9	4407376.5	682	506989	4407017	732	507057.7	4405844
633	506612.9	4407368.3	683	506983.6	4407004	733	507070.6	4405828
634	506616.9	4407365.9	684	506970.2	4406989	734	507089.8	4405816
635	506625.7	4407367.2	685	506967.2	4406975	735	507108.9	4405807
636	506631.9	4407372.8	686	506963.4	4406960	736	507126.6	4405791
637	506640.2	4407380.1	687	506956.6	4406929	737	507138	4405774
638	506648.1	4407385.3	688	506944.9	4406914	738	507156.3	4405744
639	506658.3	4407389.8	689	506930.1	4406890	739	507171.5	4405717
640	506666.7	4407389.9	690	506911.3	4406865	740	507182.3	4405698
641	506674.2	4407390	691	506898.9	4406842	741	507200.6	4405667
642	506680.2	4407390	692	506887.2	4406816	742	507213.5	4405649
643	506686.9	4407390.1	693	506881.9	4406798	743	507225.8	4405638
644	506692.8	4407392.2	694	506880.6	4406773	744	507238.1	4405627
645	506700	4407395	695	506880	4406757	745	507242.9	4405621
646	506707.9	4407397.5	696	506871.8	4406686	746	507248.9	4405610
647	506716.2	4407397.6	697	506864.3	4406641	747	507250	4405603
648	506723.7	4407400.4	698	506864.7	4406604	748	507248	4405595
649	506733.2	4407404.1	699	506859.9	4406567	749	507247.1	4405583
650	506740.7	4407405.4	700	506850.8	4406553	750	507248.7	4405576
751	507253.5	4405569.4	801	508001.6	4405001	851	507773.2	4402211
752	507257.9	4405563.1	802	508010.1	4404992	852	507773.5	4402184
753	507259	4405555.7	803	508031.2	4404998	853	507780.3	4402149
754	507262.8	4405544.6	804	508059.7	4405012	854	507787.1	4402109
755	507270.9	4405536.2	805	508096.4	4405043	855	507787.4	4402077
756	507291.1	4405524.3	806	508129	4405064	856	507786.2	4402047
757	507302.9	4405510.6	807	508212.3	4405092	857	507772.3	4402014
758	507309.4	4405498.8	808	508239	4405089	858	507753.6	4401975
759	507312.7	4405486.1	809	508191.5	4404985	859	507744.6	4401931
760	507318.1	4405476.7	810	508080	4404732	860	507741.9	4401886
761	507329.3	4405466.8	811	508036.5	4404644	861	507742.4	4401845
762	507336.8	4405455.7	812	507996.7	4404604	862	507750.5	4401824
763	507345.4	4405450	813	507955.6	4404538	863	507746.4	4401796
764	507355.5	4405445.9	814	507915.1	4404433	864	507742.5	4401766
765	507366.1	4405442.8	815	507827.2	4404244	865	507731.3	4401697
766	507375.7	4405436	816	507736.8	4404050	866	507721.8	4401677
767	507385.8	4405426.6	817	507661.4	4403930	867	507707.3	4401651
768	507398.1	4405419.4	818	507613.6	4403822	868	507702.5	4401647
769	507427.9	4405404.4	819	507603.8	4403785	869	507664.6	4401612
770	507462	4405386.7	820	507590.9	4403684	870	507666.1	4401600
771	507473.7	4405380	821	507579.5	4403649	871	507674.6	4401536
772	507483.3	4405371.6	822	507570.1	4403638	872	507669.4	4401407
773	507491.9	4405358	823	507534.6	4403611	873	507659.6	4401378



774	507502.1	4405347	824	507507.5	4403493	874	507660	4401339
775	507513.8	4405339.2	825	507504.6	4403460	875	507667.2	4401306
776	507533	4405328.8	826	507505.8	4403431	876	507676.9	4401269
777	507558.5	4405317.4	827	507509.2	4403406	877	507686.6	4401231
778	507572.4	4405304.4	828	507517.6	4403369	878	507708.2	4401197
779	507572.8	4405304.2	829	507559.1	4403293	879	507715.1	4401110
780	507596.3	4405278	830	507561.9	4403284	880	507735.4	4401039
781	507614.3	4405261.1	831	507591.6	4403179	881	507751.2	4400992
782	507642.2	4405248.1	832	507630.9	4403078	882	507751.5	4400960
783	507684.9	4405238.4	833	507660.4	4402993	883	507742.6	4400928
784	507729.4	4405231	834	507667.2	4402977	884	507692.1	4400892
785	507792.6	4405212.3	835	507681	4402895	885	507665.2	4400877
786	507834	4405198.5	836	507701	4402866	886	507613	4400851
787	507831.1	4405190.9	837	507717.3	4402829	887	507600.3	4400843
788	507830.3	4405167.2	838	507742.6	4402803	888	507588.5	4400835
789	507829.5	4405149.2	839	507767.4	4402777	889	507575.9	4400827
790	507834	4405119.6	840	507783.1	4402736	890	507564.1	4400817
791	507834.3	4405095.2	841	507799	4402672	891	507549.9	4400809
792	507839.8	4405078.4	842	507798.9	4402571	892	507539.1	4400800
793	507867.3	4405076.6	843	507820.6	4402516	893	507508	4400766
794	507917.1	4405075	844	507831.8	4402463	894	507490.3	4400730
795	507946.7	4405080.6	845	507828.2	4402408	895	507482.8	4400695
796	507959.4	4405079.7	846	507820.9	4402351	896	507479.3	4400679
797	507977.6	4405061.9	847	507805.3	4402327	897	507442.5	4400512
798	507993.7	4405039.8	848	507792.9	4402300	898	507444.5	4400452
799	508007.7	4405023.1	849	507783.7	4402271	899	507473.9	4400345
800	508007.8	4405010.4	850	507776.1	4402241	900	507479.7	4400220
901	507465.2	4400152.7	951	505348.2	4400213	1001	505001.4	4400231
902	507448.6	4400120.4	952	505342.2	4400211	1002	504989.3	4400231
903	507420.3	4400076	953	505338.2	4400211	1003	504981.7	4400230
904	507393.7	4400026.6	954	505333.8	4400212	1004	504966.2	4400227
905	507377	4400004.4	955	505331.9	4400213	1005	504963.6	4400226
906	507348.6	4399971.9	956	505325.3	4400220	1006	504954.1	4400222
907	507317.5	4399954	957	505307.2	4400238	1007	504952.4	4400221
908	507269.4	4399935.5	958	505270.2	4400291	1008	504924	4400206
909	507034.6	4399875.2	959	505268.1	4400293	1009	504922	4400205
910	506815.7	4399913.4	960	505263.4	4400299	1010	504894	4400191
911	506633.4	4400004.5	961	505249.5	4400311	1011	504879.5	4400182
912	506486.8	4400096.2	962	505233.2	4400324	1012	504853.6	4400167
913	506412.6	4400100.6	963	505222.2	4400330	1013	504498.1	4399922
914	506341.5	4400070.7	964	505206.9	4400337	1014	504520.2	4399883
915	506311.2	4400047.3	965	505185.7	4400343	1015	504518.9	4399871
916	506294.2	4400080.3	966	505176.2	4400344	1016	504469.4	4399810
917	506282.8	4400120	967	505172.3	4400344	1017	504460.3	4399793
918	506284.9	4400158.1	968	505167	4400344	1018	504454.4	4399777
919	506310.3	4400236.3	969	505157.6	4400342	1019	504451.5	4399761



920	506308.2	4400271.9	970	505149.9	4400341	1020	504449.8	4399711
921	506291.8	4400298.8	971	505117.3	4400330	1021	504449.7	4399642
922	506257	4400306	972	505093	4400322	1022	504445.1	4399634
923	506240.6	4400329.5	973	505091.3	4400321	1023	504334.4	4399509
924	506203.7	4400370.6	974	505083.4	4400317	1024	504234.4	4399395
925	506128.2	4400388.4	975	505079.9	4400314	1025	504228.2	4399401
926	506062.5	4400400.7	976	505078.8	4400311	1026	503817.8	4399744
927	505946.6	4400389.3	977	505078.4	4400308	1027	503629.2	4399898
928	505735.4	4400342	978	505078.4	4400303	1028	503527.4	4399986
929	505703.3	4400482.3	979	505079.9	4400297	1029	503521.8	4399990
930	505524	4400456.6	980	505090.2	4400278	1030	503453.3	4400052
931	505534.4	4400440.6	981	505094.1	4400267	1031	503243.4	4400227
932	505548.1	4400422.1	982	505095.8	4400264	1032	503225.2	4400239
933	505556.9	4400395.1	983	505096.7	4400260	1033	503213.3	4400236
934	505552.4	4400345.9	984	505096.4	4400256	1034	503188.8	4400233
935	505537.2	4400304.3	985	505095.3	4400253	1035	503166.2	4400232
936	505500	4400267.8	986	505095.7	4400249	1036	503141.9	4400233
937	505481.6	4400258	987	505096.5	4400246	1037	503117.1	4400236
938	505472.4	4400253	988	505096	4400244	1038	503110.3	4400238
939	505463.5	4400248.9	989	505093.9	4400242	1039	503103.1	4400242
940	505454	4400242.5	990	505093.5	4400239	1040	503097.2	4400245
941	505445.1	4400238.1	991	505091.8	4400236	1041	503090.8	4400248
942	505431.6	4400231.3	992	505089.9	4400235	1042	503085.5	4400254
943	505418.8	4400226.9	993	505085.2	4400236	1043	503073.1	4400270
944	505409.8	4400225.1	994	505079	4400237	1044	503044.6	4400314
945	505396.1	4400224.2	995	505073.7	4400237	1045	503035.1	4400329
946	505387.5	4400221.7	996	505067.2	4400237	1046	503018.9	4400361
947	505376.6	4400219.2	997	505059.7	4400237	1047	503009.1	4400384
948	505366.4	4400218.1	998	505051.9	4400237	1048	503007.4	4400392
949	505360.7	4400217	999	505045.2	4400236	1049	503002.6	4400397
950	505354.9	4400215.6	1000	505034.3	4400235	1050	502996.2	4400402
1051	502986.6	4400409	1101	501599.8	4398344	1151	502477.5	4397502
1052	502975	4400417.6	1102	501581.6	4398300	1152	502404.5	4397400
1053	502965	4400422.2	1103	501556.6	4398254	1153	502351.2	4397342
1054	502952.7	4400424.5	1104	501562.1	4398251	1154	502191.1	4397189
1055	502941.2	4400423.9	1105	501585.3	4398240	1155	502100.2	4397101
1056	502917.7	4400419.2	1106	501636.8	4398215	1156	501927.1	4396995
1057	502896.2	4400415.9	1107	501663.9	4398205	1157	501908.2	4396979
1058	502866.9	4400414.4	1108	501677.4	4398202	1158	501879.9	4396956
1059	502824.4	4400413.1	1109	501688.6	4398198	1159	501846.8	4396934
1060	502801.8	4400414.8	1110	501703.3	4398192	1160	501815.3	4396910
1061	502792.2	4400416.7	1111	501713.3	4398187	1161	501791.7	4396886
1062	502785.8	4400420.6	1112	501725.7	4398183	1162	501771.4	4396860
1063	502783	4400426.9	1113	501740.4	4398180	1163	501757.4	4396831
1064	502778.5	4400435.6	1114	501748.8	4398175	1164	501748.2	4396801
1065	502774.4	4400452.6	1115	501757.6	4398168	1165	501746.9	4396777



1066	502770.3	4400464.5	1116	501766.4	4398160	1166	501751.9	4396753
1067	502765.4	4400475.5	1117	501776	4398151	1167	501777.8	4396709
1068	502752.9	4400489.7	1118	501786.9	4398141	1168	501803.5	4396682
1069	502736.9	4400502.5	1119	501833.2	4398116	1169	501827.6	4396660
1070	502708.6	4400524.4	1120	501894.6	4398084	1170	501829.4	4396641
1071	502685.7	4400540	1121	501951.7	4398051	1171	501818.6	4396613
1072	502675	4400551.5	1122	501976.9	4398036	1172	501798.3	4396583
1073	502666.9	4400544.2	1123	501998.4	4398026	1173	501779.4	4396569
1074	502558	4400626.1	1124	502020.4	4398016	1174	501757.3	4396556
1075	502541.2	4400623.9	1125	502035.5	4398009	1175	501732.1	4396537
1076	502529.3	4400619.5	1126	502051.5	4398003	1176	501694.2	4396517
1077	502515.9	4400610.4	1127	502062.3	4397998	1177	501592.9	4396491
1078	502508.4	4400599.1	1128	502075.8	4397991	1178	501578.6	4396487
1079	502501.6	4400583.1	1129	502086.3	4397983	1179	501546.8	4396488
1080	502488.7	4400557.9	1130	502094.3	4397971	1180	501513.5	4396488
1081	502481.9	4400549.2	1131	502102.4	4397959	1181	501470.7	4396483
1082	502452.6	4400540.5	1132	502113.4	4397943	1182	501448.7	4396462
1083	502332.6	4400515	1133	502130.1	4397927	1183	501437.8	4396435
1084	501942.9	4400427.4	1134	502149.8	4397913	1184	501433.3	4396411
1085	501924.9	4400424.1	1135	502168.1	4397903	1185	501430.5	4396385
1086	501994.1	4400142.7	1136	502183.4	4397891	1186	501430.9	4396347
1087	501496.9	4399788.8	1137	502226.8	4397857	1187	501426.6	4396308
1088	501527.6	4399724.1	1138	502251.6	4397835	1188	501412.7	4396268
1089	501619.8	4399540.1	1139	502281.7	4397809	1189	501413	4396242
1090	501638.7	4399500.6	1140	502327.1	4397767	1190	501426.1	4396209
1091	501653.7	4399465.1	1141	502351.5	4397747	1191	501445.3	4396190
1092	501688.4	4399435	1142	502402	4397703	1192	501490.1	4396165
1093	501757.9	4399377.6	1143	502464.3	4397664	1193	501559.9	4396157
1094	501860.6	4399295.4	1144	502490	4397641	1194	501590.3	4396087
1095	501906	4399257.6	1145	502502.7	4397632	1195	501616.4	4396028
1096	502031.5	4399161.1	1146	502520.7	4397620	1196	501627.5	4395984
1097	501954	4399012.1	1147	502530.7	4397611	1197	501627.8	4395950
1098	501695.3	4398523.1	1148	502537.7	4397604	1198	501586.3	4395880
1099	501641.7	4398420.9	1149	502547.3	4397595	1199	501575.1	4395878
1100	501604.8	4398354.7	1150	502534	4397580	1200	501560	4395869
1201	501550.9	4395855.4	1251	499984.4	4394350	1301	498073	4395881
1202	501470.4	4395741.5	1252	499896.1	4394349	1302	498091.9	4395921
1203	501424.1	4395679	1253	499838.7	4394362	1303	498115.9	4395964
1204	501380.3	4395620.3	1254	499784.8	4394386	1304	498124.9	4395982
1205	501358.2	4395605.2	1255	499726.7	4394428	1305	498162.7	4396035
1206	501321.3	4395595.3	1256	499688.3	4394469	1306	498186.1	4396119
1207	501294.8	4395595	1257	499666.1	4394501	1307	498144.4	4396187
1208	501256.7	4395595.6	1258	499566.7	4394559	1308	498106.1	4396283
1209	501215.2	4395586.8	1259	499515.4	4394554	1309	498082.4	4396425
1210	501135.1	4395590	1260	499456.8	4394560	1310	498070.2	4396532
1211	501079	4395589.4	1261	499400.3	4394576	1311	498060.3	4396633



1212	501061.1	4395586	1262	499353.9	4394599	1312	498060.9	4396724
1213	501041	4395581.6	1263	499274.8	4394617	1313	498072.1	4396811
1214	501027.3	4395572.9	1264	499202.7	4394586	1314	498083.4	4396870
1215	501010.7	4395545.2	1265	499186.9	4394582	1315	498111	4396974
1216	500999	4395515	1266	499162.3	4394577	1316	498111.4	4397060
1217	500978.2	4395482.8	1267	499149.3	4394574	1317	498162.1	4397238
1218	500924.6	4395429	1268	499102.5	4394571	1318	498221.9	4397466
1219	500911.8	4395421.1	1269	499061.8	4394570	1319	498269.9	4397619
1220	500857.4	4395390.3	1270	498994.2	4394579	1320	498328.1	4397719
1221	500822.7	4395367.7	1271	498934.6	4394581	1321	498400	4397814
1222	500782.6	4395339.4	1272	498888.4	4394561	1322	498497.4	4397974
1223	500738.9	4395309.1	1273	498839.8	4394547	1323	498518.1	4398077
1224	500734.4	4395302.4	1274	498808.2	4394542	1324	498503	4398183
1225	500718.4	4395264	1275	498769.1	4394539	1325	498506.5	4398337
1226	500718.8	4395226.9	1276	498721.6	4394542	1326	498555.2	4398472
1227	500710.2	4395168.6	1277	498664.1	4394555	1327	498607.8	4398595
1228	500697.6	4395115.5	1278	498627.7	4394570	1328	498645.1	4398673
1229	500679.5	4395076.9	1279	498577.4	4394600	1329	498669.1	4398773
1230	500641.1	4395017.2	1280	498546.7	4394626	1330	498718.7	4398895
1231	500614.2	4394995.5	1281	498487.8	4394676	1331	498790.4	4399057
1232	500599.7	4394987.4	1282	498413.9	4394730	1332	498725.2	4399411
1233	500593.1	4394987.3	1283	498381	4394751	1333	498540.3	4399824
1234	500585.2	4394981.9	1284	498341	4394785	1334	498479.9	4400060
1235	500562.9	4394967.1	1285	498300.3	4394827	1335	498458.1	4400157
1236	500539.2	4394958.9	1286	498273.5	4394867	1336	498394.4	4400289
1237	500501	4394942.6	1287	498248.2	4394916	1337	498377.3	4400324
1238	500476	4394926.4	1288	498230.2	4394960	1338	498421.1	4400648
1239	500455.1	4394906.4	1289	498210.4	4395036	1339	498307	4400681
1240	500444.7	4394887.7	1290	498199.9	4395098	1340	498213.4	4400751
1241	500396.7	4394837.8	1291	498197.7	4395139	1341	498140.3	4400805
1242	500375.6	4394795.1	1292	498202.7	4395216	1342	498020.6	4400865
1243	500365.8	4394779	1293	498216.2	4395270	1343	497886.5	4400906
1244	500324.8	4394727.7	1294	498217.8	4395323	1344	497820.9	4400949
1245	500282.6	4394653	1295	498183.5	4395414	1345	497774.7	4401009
1246	500263.1	4394585.7	1296	498168.1	4395450	1346	497680	4401285
1247	500237.1	4394529.3	1297	498122.1	4395557	1347	497574.2	4401578
1248	500178.6	4394446.5	1298	498069.8	4395650	1348	497512.2	4401714
1249	500116.9	4394398.1	1299	498049.5	4395762	1349	497475.1	4401858
1250	500052.6	4394366.8	1300	498054.6	4395820	1350	497474.8	4401895
1351	497413.7	4402174	1401	499459.9	4402841	1451	500059.4	4402832
1352	497482.2	4402286.7	1402	499469.8	4402825	1452	500060.3	4402838
1353	497591.8	4402426.9	1403	499481.6	4402808	1453	500061.4	4402856
1354	497745.5	4402740.3	1404	499495.9	4402791	1454	500061.1	4402863
1355	497994.3	4403171	1405	499516.1	4402783	1455	500061.7	4402867
1356	498161.2	4403499.8	1406	499542.3	4402775	1456	500063.5	4402871
1357	498297.6	4403562.7	1407	499570.7	4402766	1457	500065.7	4402877



1358	498449.8	4403656.8	1408	499585.3	4402764	1458	500067.4	4402882
1359	498447.7	4403792.1	1409	499597.2	4402766	1459	500068	4402884
1360	498449.6	4403904.9	1410	499610.1	4402773	1460	500068.2	4402887
1361	498467.6	4403977.9	1411	499620.8	4402783	1461	500068.7	4402892
1362	498518.6	4404061	1412	499628.5	4402800	1462	500067.9	4402901
1363	498579	4404111.1	1413	499640.3	4402811	1463	500069.4	4402924
1364	498703.1	4404139.7	1414	499649.9	4402818	1464	500070.1	4402935
1365	498905.3	4404108.4	1415	499664	4402820	1465	500071.8	4402959
1366	499014.1	4404077.9	1416	499682.7	4402817	1466	500077	4402993
1367	498994.3	4403861.7	1417	499714.5	4402808	1467	500082.7	4403004
1368	498963.6	4403693.8	1418	499745.7	4402794	1468	500090	4403021
1369	498863.8	4403668.9	1419	499747.3	4402788	1469	500105	4403054
1370	498821.7	4403667.6	1420	499751.5	4402779	1470	500111.6	4403062
1371	498783.5	4403647.2	1421	499767.6	4402760	1471	500117	4403068
1372	498751	4403554.5	1422	499784.3	4402740	1472	500118.2	4403073
1373	498742.9	4403486.4	1423	499804	4402714	1473	500133.2	4403073
1374	498766.2	4403338.5	1424	499807.2	4402712	1474	500160	4403073
1375	498765.7	4403186.8	1425	499813.9	4402714	1475	500185.6	4403080
1376	498734.8	4403108.1	1426	499822.7	4402722	1476	500219.4	4403085
1377	498711.8	4403087.7	1427	499828.5	4402737	1477	500232.1	4403085
1378	498709.9	4403068.6	1428	499840.6	4402769	1478	500236.9	4403089
1379	498715.2	4403016.3	1429	499845.5	4402793	1479	500244.7	4403093
1380	498715.5	4402983.8	1430	499847.1	4402814	1480	500252.4	4403093
1381	498709.6	4402913.4	1431	499852.8	4402815	1481	500255	4403089
1382	498709.5	4402875.9	1432	499911.9	4402819	1482	500262.1	4403078
1383	498717.2	4402804	1433	499918.7	4402817	1483	500277.9	4403064
1384	498720.2	4402778.1	1434	499922.1	4402816	1484	500294.3	4403039
1385	498715.6	4402757.4	1435	499943.3	4402808	1485	500303.1	4403032
1386	498717.4	4402744.7	1436	499954.7	4402810	1486	500313.5	4403032
1387	498721.3	4402725.2	1437	499960.5	4402815	1487	500322.8	4403037
1388	498741.7	4402700.6	1438	499970.5	4402818	1488	500334	4403041
1389	498756.7	4402679.5	1439	499977.1	4402820	1489	500346.2	4403042
1390	498788.4	4402646.6	1440	499970.6	4402839	1490	500356.1	4403042
1391	498829.5	4402703.7	1441	499967	4402852	1491	500364.6	4403047
1392	498839.8	4402711	1442	499962.8	4402862	1492	500371.8	4403053
1393	498963.6	4402760.1	1443	499961.7	4402869	1493	500379.8	4403060
1394	498991	4402774.2	1444	499962.9	4402874	1494	500391	4403081
1395	499005.5	4402778.2	1445	499971.8	4402875	1495	500390.6	4403087
1396	499121.3	4402761.9	1446	499981.4	4402870	1496	500382.8	4403093
1397	499139.3	4402763.2	1447	500030.9	4402831	1497	500375.3	4403099
1398	499273.2	4402795	1448	500037.8	4402830	1498	500371.4	4403107
1399	499385.2	4402836.8	1449	500052.1	4402824	1499	500372.2	4403115
1400	499449.1	4402855.8	1450	500054.6	4402826	1500	500388.7	4403141
1501	500397.3	4403149.4	1551	500620.8	4403782	1601	500923.6	4403910
1502	500422.9	4403165.8	1552	500618.2	4403796	1602	500943.4	4403903
1503	500437.5	4403171.3	1553	500601.8	4403805	1603	500989	4403896



1504	500442.7	4403172.9	1554	500589.7	4403810	1604	500993.9	4403890
1505	500454.4	4403174.5	1555	500563.1	4403808	1605	500999.1	4403886
1506	500461.8	4403179.3	1556	500552.6	4403808	1606	501004	4403887
1507	500470.9	4403187.6	1557	500538.6	4403809	1607	501011	4403892
1508	500478.2	4403197	1558	500524.3	4403812	1608	501017.3	4403895
1509	500486.9	4403215.8	1559	500513.1	4403813	1609	501023.9	4403899
1510	500494.2	4403240.4	1560	500510.6	4403817	1610	501033.3	4403898
1511	500501.5	4403255	1561	500508.2	4403825	1611	501039.2	4403902
1512	500509.1	4403267.8	1562	500505.3	4403836	1612	501045.7	4403918
1513	500521.7	4403282.1	1563	500508.4	4403841	1613	501058.6	4403933
1514	500535.9	4403291.4	1564	500516.2	4403838	1614	501077.5	4403960
1515	500551.3	4403301.4	1565	500524.2	4403834	1615	501096.3	4403979
1516	500553.8	4403304.4	1566	500547.5	4403836	1616	501105.6	4403988
1517	500557.6	4403416.1	1567	500567	4403832	1617	501133.3	4404020
1518	500574.5	4403420.5	1568	500583.1	4403832	1618	501136.7	4404029
1519	500586.1	4403424.9	1569	500623.4	4403831	1619	501151.6	4404060
1520	500587.1	4403428.7	1570	500634.8	4403831	1620	501154.8	4404079
1521	500583.8	4403435.8	1571	500658.5	4403831	1621	501168.2	4404087
1522	500577.6	4403441.5	1572	500673.3	4403831	1622	501166.9	4404093
1523	500579.5	4403441.7	1573	500679.9	4403837	1623	501165.8	4404099
1524	500586.9	4403442.4	1574	500713.8	4403833	1624	501158.1	4404127
1525	500592.5	4403442.8	1575	500726.7	4403828	1625	501157.8	4404148
1526	500597.1	4403443.2	1576	500731.5	4403830	1626	501160.3	4404158
1527	500606.7	4403454.9	1577	500735.3	4403836	1627	501164.9	4404162
1528	500661.5	4403550.7	1578	500751.7	4403870	1628	501184.6	4404161
1529	500671.3	4403566.2	1579	500767.1	4403902	1629	501175.9	4404185
1530	500701.4	4403619.6	1580	500781.1	4403935	1630	501162	4404247
1531	500654.3	4403644.4	1581	500774.3	4403940	1631	501152.2	4404268
1532	500645.8	4403646.4	1582	500768.8	4403947	1632	501151.7	4404293
1533	500640.7	4403653.1	1583	500763.3	4403957	1633	501129.1	4404394
1534	500633.8	4403663.6	1584	500767.5	4403962	1634	501130.2	4404419
1535	500623.5	4403674.9	1585	500773.1	4403969	1635	501100.6	4404421
1536	500613.7	4403679.9	1586	500775.2	4403975	1636	501093.8	4404427
1537	500603.1	4403683.2	1587	500775.1	4403983	1637	501135.3	4404578
1538	500584.8	4403686.4	1588	500781.4	4403989	1638	501138	4404590
1539	500581.8	4403693.1	1589	500778.8	4403995	1639	501114.5	4404611
1540	500581.2	4403710	1590	500774.6	4404006	1640	501104	4404628
1541	500584.6	4403710.9	1591	500775.8	4404008	1641	501055.7	4404664
1542	500599.2	4403713.2	1592	500777.7	4404008	1642	501029.3	4404687
1543	500604.3	4403717.9	1593	500782.5	4404004	1643	501013	4404703
1544	500608.6	4403722	1594	500792.3	4403997	1644	500963.9	4404743
1545	500609.9	4403728.1	1595	500809.6	4403994	1645	500913.4	4404776
1546	500613.5	4403735	1596	500822	4403986	1646	500901.8	4404783
1547	500615.5	4403748.7	1597	500851.4	4403952	1647	500843.4	4404822
1548	500620.7	4403756.1	1598	500871.6	4403932	1648	500782.5	4404878
1549	500621.5	4403762.9	1599	500888.5	4403920	1649	500775	4404887



1550	500620	4403772.2	1600	500906.4	4403912	1650	500766.5	4404899
1651	500713.5	4404963.2	1701	501023.7	4407359	1751	501410.1	4409284
1652	500694.4	4405075	1702	501021.7	4407371	1752	501433.6	4409317
1653	500692.7	4405082.8	1703	501021	4407384	1753	501507.1	4409415
1654	500655	4405272.1	1704	501027.1	4407449	1754	501546.6	4409481
1655	500617.7	4405434.6	1705	501031.1	4407490	1755	501580.1	4409548
1656	500615.7	4405457.8	1706	501036.2	4407550	1756	501625.7	4409646
1657	500615.2	4405502.8	1707	501037.3	4407577	1757	501639.9	4409665
1658	500624.3	4405588.6	1708	501035.7	4407603	1758	501645.5	4409672
1659	500625.6	4405640.5	1709	501030.5	4407634	1759	501657.1	4409687
1660	500622.8	4405731.1	1710	501019.4	4407694	1760	501736.2	4409794
1661	500622.2	4405785	1711	501004.2	4407774	1761	501744.2	4409807
1662	500602	4405936.3	1712	500998.8	4407803	1762	501766	4409845
1663	500600.5	4405976.8	1713	500989.9	4407845	1763	501789.8	4409893
1664	500606.2	4406044	1714	500977.4	4407872	1764	501796.4	4409956
1665	500615.9	4406086.7	1715	500968.1	4407886	1765	501797.7	4409969
1666	500629.4	4406129.1	1716	500947.2	4407905	1766	501827.3	4410071
1667	500646.8	4406169.9	1717	500915.5	4407928	1767	501856.1	4410151
1668	500658.8	4406193.7	1718	500907.5	4407935	1768	501859.3	4410160
1669	500667.5	4406206.3	1719	500897.2	4407948	1769	501905.5	4410321
1670	500679.2	4406217.7	1720	500888.1	4407969	1770	501914.1	4410363
1671	500725.4	4406261.4	1721	500885.9	4407995	1771	501929.4	4410498
1672	500742.9	4406282.6	1722	500881.8	4408073	1772	501933	4410551
1673	500770	4406362.4	1723	500877.2	4408188	1773	501938	4410668
1674	500786.1	4406415.5	1724	500875.2	4408232	1774	501938	4410691
1675	500803.7	4406471.4	1725	500876.1	4408252	1775	501936.7	4410745
1676	500815.3	4406494.5	1726	500881.1	4408271	1776	501933.7	4410791
1677	500842.4	4406541.9	1727	500888.4	4408285	1777	501934.8	4410803
1678	500854.8	4406571.1	1728	500907.9	4408308	1778	501992.2	4410791
1679	500866.7	4406603.6	1729	500938.4	4408337	1779	502163.5	4410758
1680	500872.3	4406627.2	1730	500957.3	4408354	1780	502156	4410730
1681	500878.8	4406655.4	1731	500986.1	4408394	1781	502156.8	4410723
1682	500883.2	4406686.4	1732	501001.5	4408428	1782	502162.8	4410718
1683	500889.8	4406716.6	1733	501014.4	4408510	1783	502191.7	4410703
1684	500899.7	4406750.9	1734	501015	4408514	1784	502446.4	4410562
1685	500905.9	4406767.1	1735	501016.2	4408541			
1686	500931	4406816.6	1736	501021.1	4408571			
1687	500951.5	4406859.8	1737	501030.9	4408595			
1688	500957.9	4406880.5	1738	501039.8	4408606			
1689	500971.2	4406940.6	1739	501077.9	4408638			
1690	500976.6	4406961.1	1740	501082.1	4408642			
1691	500987.8	4407005.1	1741	501099.3	4408660			
1692	500992.8	4407020.4	1742	501105.9	4408669			
1693	501004.2	4407045.4	1743	501151.4	4408750			
1694	501017.8	4407081.3	1744	501215.4	4408875			
1695	501027.3	4407131.1	1745	501236	4408920			



1696	501034.3	4407210.7	1746	501278.7	4409039
1697	501037.6	4407256.9	1747	501295.8	4409082
1698	501036.1	4407296.4	1748	501314.1	4409125
1699	501031.2	4407317.6	1749	501335.8	4409162
1700	501029.6	4407329.5	1750	501387.8	4409249

SHTOJCA 3

Pika	X	Y
1	501783.9	4400923
2	501769.3	4400918
3	501710.1	4400907
4	501693.9	4400907
5	501680	4400908
6	501672.4	4400911
7	501660.8	4400922
8	501649.9	4400930
9	501638.7	4400939
10	501628.8	4400949
11	501641	4400947
12	501657.9	4400946
13	501669.1	4400948
14	501676.7	4400953
15	501681.3	4400959
16	501684	4400962
17	501687.6	4400963
18	501696.6	4400967
19	501701.2	4400966
20	501702.8	4400965
21	501712.8	4400961
22	501721	4400958
23	501725.7	4400957
24	501730.3	4400956
25	501733.6	4400959
26	501736.2	4400958
27	501739.9	4400956
28	501744.5	4400954
29	501749.8	4400951
30	501756.4	4400949
31	501762.4	4400947
32	501768.3	4400944
33	501774.3	4400939
34	501784.9	4400931
35	501790.8	4400927
36	501796.1	4400925
37	501788.5	4400924
38	501783.9	4400923



Pika	X	Y	Pika	X	Y	Pika	Pika	X
1	501540.3	4401401	51	501963.1	4401164	101	501359.4	4401216
2	501549.2	4401394	52	501954.6	4401152	102	501338.7	4401227
3	501558.5	4401391	53	501931	4401120	103	501329.2	4401231
4	501570	4401385	54	501919.7	4401114	104	501320	4401236
5	501585.3	4401385	55	501890.3	4401100	105	501310.5	4401239
6	501602	4401392	56	501825.2	4401080	106	501297.8	4401242
7	501605.4	4401396	57	501764	4401074	107	501285.4	4401245
8	501606.1	4401405	58	501714.2	4401079	108	501274.3	4401252
9	501606.1	4401414	59	501684.7	4401087	109	501265.7	4401254
10	501616.9	4401420	60	501674.8	4401090	110	501251.4	4401252
11	501623.7	4401425	61	501658	4401089	111	501223.2	4401251
12	501629.6	4401434	62	501651.3	4401086	112	501203.7	4401258
13	501636.7	4401444	63	501646.8	4401082	113	501183.1	4401251
14	501645.3	4401455	64	501642	4401077	114	501164.8	4401248
15	501653.5	4401463	65	501633.5	4401074	115	501144.4	4401251
16	501676.2	4401475	66	501626.3	4401070	116	501119	4401250
17	501689.2	4401488	67	501624.2	4401068	117	501090.3	4401236
18	501704.3	4401502	68	501623.7	4401064	118	501070.8	4401221
19	501716.4	4401516	69	501623.7	4401060	119	501061.5	4401216
20	501730.4	4401540	70	501620.2	4401059	120	501048.1	4401209
21	501733.4	4401543	71	501612.6	4401060	121	501037.7	4401203
22	501757.8	4401569	72	501606.6	4401062	122	501028.7	4401205
23	501778.5	4401577	73	501600.8	4401066	123	501025.7	4401209
24	501800.4	4401576	74	501585.6	4401079	124	501022.4	4401215
25	501819	4401580	75	501582.7	4401082	125	501015	4401226
26	501837.6	4401592	76	501578.9	4401085	126	500995.2	4401244
27	501856.3	4401595	77	501575.8	4401090	127	500981.4	4401258
28	501877.1	4401592	78	501572.6	4401093	128	500954.7	4401268
29	501898.3	4401587	79	501570.7	4401097	129	500858.8	4401279
30	501920.7	4401576	80	501566.5	4401100	130	500800.5	4401245
31	501932.6	4401564	81	501559.9	4401104	131	500781.1	4401218
32	501948	4401552	82	501554.2	4401107	132	500767.6	4401210
33	501978.8	4401525	83	501548.5	4401112	133	500745.6	4401205
34	502011.8	4401482	84	501543.7	4401118	134	500721.9	4401205
35	502025.6	4401458	85	501538.9	4401121	135	500685.4	4401207
36	502027.6	4401436	86	501535.4	4401123	136	500655.8	4401210
37	502034.8	4401410	87	501532.9	4401129	137	500609.2	4401223
38	502043.8	4401394	88	501529.7	4401133	138	500560.1	4401234
39	502042.2	4401380	89	501525.6	4401137	139	500442.5	4401255
40	502034.9	4401369	90	501517.5	4401149	140	500444.4	4401315
41	502039	4401348	91	501454.3	4401167	141	500449.4	4401380
42	502043	4401302	92	501422.8	4401179	142	500449.4	4401408
43	502040.6	4401278	93	501413.4	4401190	143	500480.6	4401418
44	502029.1	4401251	94	501408	4401195	144	500479.9	4401434
45	502022.7	4401239	95	501401.3	4401200	145	500473.6	4401499
46	502017.7	4401226	96	501395.3	4401204	146	500464	4401520
47	502013	4401216	97	501390.5	4401207	147	500442.2	4401548
48	502007.1	4401207	98	501384.8	4401210	148	500446.8	4401600
49	501994.8	4401186	99	501379.4	4401211	149	500532.1	4401620
50	501979.6	4401175	100	501369.2	4401213	150	500795.9	4401660
151	501168.4	4401563						



152	501285.7	4401698
153	501400.3	4401863
154	501499.4	4401989
155	501624.2	4402151
156	501691.1	4402136
157	501725.5	4402102
158	501712.9	4402069
159	501710.1	4402061
160	501688.1	4402047
161	501659.7	4402011
162	501620.4	4401966
163	501574	4401907
164	501546.6	4401834
165	501485.6	4401721
166	501471.9	4401709
167	501462.4	4401686
168	501462.7	4401663
169	501454.3	4401645
170	501443.8	4401627
171	501434.2	4401584
172	501437.5	4401543
173	501447.3	4401515
174	501460	4401496
175	501489.5	4401471
176	501509.4	4401449
177	501508.4	4401432
178	501501.3	4401415
179	501501.4	4401410
180	501508.7	4401408
181	501519.4	4401408
182	501520.6	4401401
183	501524.6	4401393
184	501540.3	4401401

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	504284.5	4402382	51	504088.3	4402414	101	505391.1	4402899
2	504280.2	4402382	52	504127.9	4402442	102	505362.5	4402863
3	504265.9	4402383	53	504160.8	4402467	103	505357.2	4402852
4	504255.5	4402386	54	504193.4	4402494	104	505361.1	4402840
5	504243.9	4402392	55	504228.9	4402525	105	505388	4402802
6	504237.5	4402402	56	504266.7	4402559	106	505395.6	4402793
7	504240.8	4402420	57	504293.6	4402585	107	505395.9	4402763
8	504256.4	4402450	58	504319.5	4402613	108	505403.6	4402731
9	504266.5	4402472	59	504338.8	4402637	109	505396.9	4402676
10	504276.9	4402494	60	504352.8	4402659	110	505387	4402635
11	504288.3	4402506	61	504360.9	4402679	111	505375.2	4402617
12	504298.9	4402519	62	504362.2	4402688	112	505371.1	4402615
13	504307.1	4402531	63	504360.2	4402689	113	505364.6	4402618
14	504320	4402550	64	504360.2	4402690	114	505351.9	4402591
15	504335	4402554	65	504361.8	4402693	115	505357	4402584



16	504354.1	4402556	66	504363.5	4402719	116	505357.8	4402582
17	504365.2	4402553	67	504367.9	4402746	117	505355.5	4402561
18	504383.5	4402555	68	504367.2	4402762	118	505349.5	4402543
19	504398.8	4402566	69	504362.9	4402780	119	505346.2	4402534
20	504401.4	4402579	70	504347	4402812	120	505345.5	4402530
21	504398.5	4402593	71	504331.9	4402843	121	505344.8	4402526
22	504386.5	4402598	72	504329.9	4402856	122	505336.3	4402518
23	504366.3	4402597	73	504328.3	4402886	123	505325.6	4402509
24	504339.8	4402590	74	504325	4402898	124	505315.7	4402498
25	504317.3	4402578	75	504324.9	4402898	125	505277.8	4402470
26	504278.9	4402527	76	504317.8	4402937	126	505274	4402463
27	504254.2	4402506	77	504318.4	4402947	127	505256.2	4402452
28	504226.6	4402483	78	504333.1	4402977	128	505238.2	4402441
29	504191.6	4402453	79	504347	4403028	129	505236.8	4402440
30	504166.8	4402435	80	504350.4	4403058	130	505220.8	4402426
31	504145.1	4402423	81	504348.6	4403098	131	505208.8	4402417
32	504132.1	4402417	82	504347.2	4403132	132	505201.1	4402414
33	504122.7	4402401	83	504346.1	4403151	133	505180.3	4402391
34	504120.2	4402383	84	504341.6	4403176	134	505159.7	4402372
35	504124.6	4402376	85	504342	4403195	135	505139.9	4402346
36	504136	4402371	86	504336.3	4403217	136	505124.2	4402328
37	504131.7	4402368	87	504326.3	4403266	137	505102.2	4402314
38	504127.6	4402366	88	504316.2	4403293	138	505088.6	4402299
39	504119.8	4402368	89	504313.9	4403311	139	505078.3	4402290
40	504114.2	4402374	90	504568.8	4403344	140	505073.6	4402286
41	504111.1	4402373	91	505138.3	4403311	141	505055.4	4402270
42	504111.8	4402370	92	505340.5	4403269	142	505038.4	4402250
43	504109.8	4402369	93	505484.4	4403183	143	505010.2	4402195
44	504108.1	4402369	94	505494.6	4403169	144	505015.8	4402193
45	504103.8	4402379	95	505468.9	4403056	145	504989.5	4402125
46	504111.9	4402382	96	505458.6	4403025	146	504984.1	4402122
47	504106.3	4402390	97	505443.1	4402999	147	504979.7	4402115
48	504098.6	4402396	98	505426.1	4402965	148	504984.4	4402095
49	504094.5	4402400	99	505416.5	4402938	149	504985.7	4402090
50	504078.4	4402409	100	505401.1	4402919	150	504986.2	4402087
151	504979.2	4402074	201	504722.4	4401352	251	504444.1	4401550
152	504966.2	4402067	202	504713.2	4401340	252	504439.3	4401562
153	504951.3	4402067	203	504704.2	4401332	253	504428.6	4401572
154	504950.3	4402067	204	504696.7	4401329	254	504422.6	4401581
155	504947.8	4402060	205	504676.5	4401312	255	504412.2	4401616
156	504947.7	4402054	206	504651	4401276	256	504407.1	4401647
157	504951.2	4402047	207	504615.1	4401250	257	504403.8	4401675
158	504952.9	4402044	208	504605.3	4401243	258	504410.5	4401696
159	504971.6	4402036	209	504600.9	4401241	259	504425.2	4401707
160	504977	4402031	210	504580.9	4401230	260	504437	4401718
161	504979.2	4402024	211	504567.9	4401226	261	504447.3	4401720
162	504980.7	4402014	212	504549.7	4401223	262	504456.8	4401720
163	504974.3	4401996	213	504529.1	4401222	263	504467.1	4401723
164	504964.7	4401981	214	504514.1	4401219	264	504477.5	4401727
165	504959.9	4401974	215	504497.7	4401217	265	504471.7	4401740
166	504957.2	4401962	216	504472.8	4401219	266	504501.2	4401763
167	504959	4401952	217	504450.8	4401223	267	504500.9	4401769



168	504954.7	4401940	218	504433.3	4401226	268	504498.1	4401782
169	504954.6	4401933	219	504415.6	4401224	269	504489.4	4401788
170	504955.3	4401927	220	504390.2	4401220	270	504474.8	4401789
171	504954.4	4401923	221	504365.4	4401214	271	504453.7	4401783
172	504949.1	4401916	222	504351.4	4401211	272	504441.7	4401789
173	504946.3	4401912	223	504350.4	4401234	273	504434	4401793
174	504942.6	4401904	224	504384.2	4401242	274	504428.7	4401793
175	504942.2	4401898	225	504419.2	4401249	275	504424.2	4401792
176	504944.7	4401895	226	504427.4	4401255	276	504418.9	4401794
177	504949.4	4401891	227	504439.2	4401267	277	504406.6	4401806
178	504934.5	4401786	228	504436.5	4401271	278	504393.5	4401818
179	504917	4401701	229	504429.5	4401280	279	504376.6	4401838
180	504911.8	4401687	230	504431.3	4401289	280	504377.7	4401856
181	504916.6	4401673	231	504435.9	4401295	281	504379.6	4401863
182	504918.2	4401651	232	504449.6	4401303	282	504380.4	4401869
183	504908.3	4401618	233	504449.7	4401316	283	504380	4401874
184	504881.3	4401520	234	504429.1	4401378	284	504376.3	4401879
185	504871	4401498	235	504420.4	4401412	285	504372.1	4401881
186	504858.1	4401479	236	504417.8	4401418	286	504367.3	4401882
187	504847.1	4401465	237	504417.7	4401426	287	504360	4401876
188	504805.2	4401434	238	504420.1	4401430	288	504358	4401869
189	504799.5	4401437	239	504423.5	4401434	289	504355.6	4401867
190	504790.1	4401438	240	504432	4401453	290	504352.8	4401867
191	504781.8	4401436	241	504445.3	4401467	291	504350.7	4401865
192	504770.3	4401434	242	504461.1	4401476	292	504351.7	4401861
193	504760.8	4401429	243	504463.2	4401479	293	504355.2	4401858
194	504751.6	4401427	244	504475.9	4401480	294	504352.9	4401849
195	504745.4	4401425	245	504484.5	4401490	295	504350.1	4401843
196	504741.4	4401413	246	504487.5	4401504	296	504345.1	4401839
197	504736.2	4401402	247	504481.8	4401518	297	504338	4401835
198	504733.9	4401393	248	504473.3	4401524	298	504328.4	4401830
199	504731.9	4401385	249	504461	4401530	299	504315.2	4401829
200	504724.2	4401365	250	504447.4	4401542	300	504303.9	4401830
301	504291.8	4401832	351	503580.8	4401635	401	503622	4402298
302	504287.9	4401830	352	503568.5	4401643	402	503641.6	4402309
303	504281.9	4401821	353	503574.6	4401650	403	503640.1	4402351
304	504267.4	4401804	354	503573.1	4401656	404	503640.4	4402363
305	504260.6	4401797	355	503569.5	4401667	405	503640.9	4402383
306	504251.6	4401791	356	503566.9	4401676	406	503640.7	4402395
307	504242.3	4401786	357	503558.4	4401696	407	503638.3	4402405
308	504234.2	4401785	358	503539.2	4401731	408	503642	4402427
309	504228.8	4401785	359	503511.4	4401751	409	503644.6	4402433
310	504224.9	4401781	360	503474.2	4401766	410	503662.8	4402459
311	504218	4401771	361	503470.1	4401767	411	503667.3	4402462
312	504209.4	4401763	362	503473.9	4401770	412	503749.9	4402421
313	504201.7	4401758	363	503474	4401774	413	503796.2	4402366
314	504190.9	4401754	364	503470.4	4401777	414	503789.8	4402358
315	504176.4	4401758	365	503425.3	4401785	415	503797.1	4402347
316	504167.9	4401762	366	503416.2	4401788	416	503802	4402344
317	504139.2	4401776	367	503401.9	4401797	417	503807	4402339
318	504129.3	4401783	368	503384.6	4401814	418	503806	4402333
319	504126.5	4401789	369	503320.6	4401883	419	503808.9	4402329



320	504125.8	4401797	370	503274	4401933	420	503811	4402324
321	504127.8	4401804	371	503260.3	4401937	421	503813.3	4402321
322	504119.3	4401810	372	503255.7	4401944	422	503816.8	4402321
323	504111.3	4401812	373	503256.1	4401947	423	503821.8	4402318
324	504104.9	4401808	374	503261.9	4401952	424	503821.9	4402314
325	504100.5	4401798	375	503264.3	4401983	425	503826.7	4402310
326	504094.8	4401784	376	503264	4401988	426	503832	4402306
327	504091.1	4401774	377	503268.5	4402017	427	503832	4402301
328	504086.7	4401769	378	503277.7	4402067	428	503833.4	4402297
329	504081.9	4401763	379	503284.3	4402093	429	503835.8	4402293
330	504073	4401757	380	503293.5	4402109	430	503840.5	4402291
331	504042.6	4401720	381	503299.9	4402121	431	503844.5	4402294
332	504037	4401708	382	503306.5	4402130	432	503849	4402293
333	504029.5	4401672	383	503343.8	4402156	433	503850.1	4402291
334	503997.3	4401616	384	503363	4402166	434	503846.3	4402289
335	503986	4401599	385	503389.2	4402173	435	503845.1	4402287
336	503976.3	4401592	386	503395.6	4402174	436	503849.3	4402285
337	503954.1	4401583	387	503400.2	4402175	437	503853.8	4402283
338	503925.3	4401575	388	503412	4402177	438	503858.6	4402269
339	503904.5	4401571	389	503423.7	4402185	439	503853.6	4402257
340	503883.7	4401562	390	503434	4402191	440	503854.2	4402239
341	503832.8	4401556	391	503462.9	4402212	441	503867.8	4402225
342	503800.5	4401550	392	503470.3	4402216	442	503889.5	4402201
343	503772.4	4401544	393	503479	4402218	443	503904.8	4402181
344	503748.7	4401534	394	503487.8	4402219	444	503919.7	4402168
345	503738.9	4401524	395	503494.6	4402224	445	503934.1	4402154
346	503725.5	4401534	396	503520.6	4402240	446	503945.7	4402149
347	503707.4	4401544	397	503543.1	4402247	447	503960.4	4402149
348	503669.3	4401556	398	503553.2	4402249	448	503974.6	4402154
349	503650.2	4401566	399	503572.3	4402259	449	503981.3	4402162
350	503629.5	4401587	400	503603	4402286	450	503986.7	4402172
451	503988.6	4402185	501	504601	4402041	551	504365.1	4402353
452	503993.6	4402197	502	504672.1	4402044	552	504361.4	4402368
453	504004.6	4402211	503	504742	4402048	553	504359.6	4402380
454	504019.2	4402217	504	504766.4	4402046	554	504353.1	4402395
455	504039	4402218	505	504798	4402048	555	504349.5	4402401
456	504063.7	4402216	506	504856.5	4402051	556	504335.7	4402395
457	504076.4	4402208	507	504859	4402052	557	504324.2	4402387
458	504088.1	4402199	508	504886.5	4402052	558	504313.2	4402383
459	504096.5	4402191	509	504912.3	4402053	559	504303.2	4402380
460	504108	4402191	510	504942.3	4402053	560	504284.5	4402382
461	504113.9	4402194	511	504942.3	4402060			
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463	504130.1	4402206	513	504920.7	4402061			
464	504140.7	4402217	514	504906.3	4402061			
465	504153.7	4402225	515	504890.1	4402063			
466	504170.2	4402235	516	504825.3	4402059			
467	504182.5	4402237	517	504765.8	4402055			
468	504189.8	4402227	518	504703.8	4402056			
469	504206.5	4402222	519	504639	4402053			
470	504215.7	4402217	520	504580.9	4402052			
471	504223.7	4402211	521	504545.6	4402050			



472	504232.5	4402205	522	504533.4	4402054
473	504247.7	4402198	523	504514.1	4402063
474	504266	4402190	524	504513.2	4402065
475	504278.8	4402184	525	504515.4	4402071
476	504288.5	4402174	526	504508.8	4402079
477	504308.9	4402156	527	504506.8	4402081
478	504320.5	4402144	528	504503.3	4402084
479	504334.1	4402137	529	504500.9	4402098
480	504353.2	4402134	530	504500.7	4402119
481	504364.7	4402133	531	504497.7	4402136
482	504372.8	4402124	532	504492	4402152
483	504383.2	4402112	533	504483.1	4402168
484	504391.3	4402102	534	504466.3	4402180
485	504402.6	4402089	535	504449.1	4402191
486	504415.8	4402080	536	504443.4	4402201
487	504431.3	4402074	537	504440.9	4402214
488	504446.4	4402072	538	504439.1	4402225
489	504459.9	4402077	539	504434.3	4402235
490	504468.6	4402078	540	504427	4402248
491	504479.8	4402075	541	504418.9	4402259
492	504479.4	4402074	542	504402.2	4402264
493	504480.4	4402071	543	504387	4402269
494	504486	4402065	544	504373.5	4402275
495	504506.7	4402054	545	504365.5	4402281
496	504525.8	4402044	546	504360.2	4402292
497	504538.2	4402039	547	504358.9	4402304
498	504550.7	4402037	548	504357.5	4402317
499	504575.4	4402037	549	504365.4	4402329
500	504589	4402039	550	504367.6	4402340

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	504372.2	4400469	51	502996.2	4400402	101	501994.5	4400991
2	504359.1	4400464	52	502986.6	4400409	102	501999.1	4400992
3	504268.1	4400394	53	502975	4400418	103	502001.2	4400994
4	504221.6	4400341	54	502965	4400422	104	502003.1	4400993
5	504215.2	4400315	55	502952.7	4400424	105	502007.8	4400991
6	504243.7	4400300	56	502941.2	4400424	106	502007.7	4400993
7	504272.3	4400272	57	502917.7	4400419	107	502006.1	4401000
8	504313.6	4400218	58	502896.2	4400416	108	502006.6	4401008
9	504370.7	4400139	59	502866.9	4400414	109	502008.4	4401011
10	504385.5	4400108	60	502824.4	4400413	110	502013	4401013
11	504401.4	4400049	61	502801.8	4400415	111	502017.6	4401011
12	504422.6	4400024	62	502792.2	4400417	112	502022.5	4401010
13	504479.7	4399973	63	502785.8	4400421	113	502027.9	4401010
14	504498.1	4399922	64	502783	4400427	114	502029.8	4401013
15	504520.2	4399883	65	502778.5	4400436	115	502036.8	4401017
16	504518.9	4399871	66	502774.4	4400453	116	502046.5	4401020
17	504469.4	4399810	67	502770.3	4400464	117	502050.3	4401022
18	504460.3	4399793	68	502765.4	4400476	118	502055.2	4401025
19	504454.4	4399777	69	502752.9	4400490	119	502060.3	4401022



20	504451.5	4399761	70	502736.9	4400502	120	502066.9	4401025
21	504449.8	4399711	71	502708.6	4400524	121	502074.9	4401024
22	504449.7	4399642	72	502685.7	4400540	122	502077.8	4401031
23	504445.1	4399634	73	502675.5	4400551	123	502067.5	4401036
24	504334.4	4399509	74	502675	4400552	124	502069	4401039
25	504234.4	4399395	75	502666.9	4400544	125	502070.9	4401044
26	504228.2	4399401	76	502558	4400626	126	502060.4	4401050
27	503817.8	4399744	77	502541.2	4400624	127	502054	4401049
28	503629.2	4399898	78	502529.3	4400620	128	502051.8	4401048
29	503527.4	4399986	79	502515.9	4400610	129	502048.5	4401053
30	503521.8	4399990	80	502508.4	4400599	130	502050.4	4401056
31	503453.3	4400052	81	502501.6	4400583	131	502052.4	4401059
32	503243.4	4400227	82	502488.7	4400558	132	502053.1	4401062
33	503225.2	4400239	83	502481.9	4400549	133	502051.2	4401065
34	503213.3	4400236	84	502452.6	4400541	134	502049.9	4401067
35	503188.8	4400233	85	502332.6	4400515	135	502051.3	4401071
36	503166.2	4400232	86	502245	4400495	136	502056	4401073
37	503141.9	4400233	87	502063.2	4400775	137	502060.3	4401072
38	503117.1	4400236	88	501955.8	4400964	138	502064.5	4401069
39	503110.3	4400238	89	501961.2	4400965	139	502068.3	4401067
40	503103.1	4400242	90	501966.3	4400966	140	502070.1	4401063
41	503097.2	4400245	91	501973.5	4400967	141	502071.9	4401059
42	503090.8	4400248	92	501980.6	4400969	142	502075.4	4401054
43	503085.5	4400254	93	501986.6	4400970	143	502079.3	4401051
44	503073.1	4400270	94	501990.4	4400971	144	502083.7	4401052
45	503044.6	4400314	95	501993.1	4400975	145	502088.9	4401056
46	503035.1	4400329	96	501996.2	4400978	146	502090.1	4401058
47	503018.9	4400361	97	501992.4	4400981	147	502091.6	4401061
48	503009.1	4400384	98	501991.4	4400983	148	502096.7	4401063
49	503007.4	4400392	99	501989.5	4400989	149	502101.4	4401064
50	503002.6	4400397	100	501990.7	4400991	150	502108.6	4401066
151	502112.7	4401069	201	502215.5	4401308	251	502753.2	4401653
152	502115.5	4401075	202	502219.7	4401312	252	502777.5	4401655
153	502117.3	4401078	203	502220.6	4401314	253	502786.1	4401651
154	502123.7	4401084	204	502219.8	4401319	254	502801.1	4401650
155	502126.1	4401086	205	502221.8	4401321	255	502824.3	4401648
156	502127.6	4401087	206	502225	4401324	256	502856.6	4401648
157	502129	4401088	207	502228.2	4401328	257	502884.4	4401647
158	502128.8	4401091	208	502227.6	4401332	258	502921.5	4401647
159	502131.7	4401095	209	502227.8	4401336	259	502962.5	4401648
160	502135	4401099	210	502230.1	4401340	260	503005.7	4401650
161	502139.4	4401101	211	502233.7	4401342	261	503035.3	4401652
162	502141.1	4401103	212	502235.3	4401347	262	503063.7	4401651
163	502144	4401107	213	502234	4401353	263	503089.7	4401650
164	502145.2	4401110	214	502232.9	4401357	264	503105.6	4401649
165	502147.6	4401112	215	502232.4	4401365	265	503139.4	4401650
166	502151.6	4401113	216	502233.2	4401369	266	503162.1	4401650
167	502154.2	4401113	217	502234.1	4401373	267	503180.7	4401660
168	502157.8	4401115	218	502233.2	4401380	268	503180.3	4401650
169	502160.3	4401118	219	502230.3	4401388	269	503186.9	4401648
170	502161.4	4401120	220	502233.8	4401390	270	503208.9	4401646
171	502162.5	4401126	221	502237.3	4401387	271	503240.6	4401647



172	502163.2	4401134	222	502254.3	4401384	272	503280.5	4401648
173	502164	4401138	223	502260.7	4401384	273	503339.7	4401651
174	502168.8	4401148	224	502274.2	4401385	274	503371.4	4401653
175	502168.3	4401152	225	502284.5	4401394	275	503404.1	4401656
176	502172.2	4401164	226	502302.7	4401411	276	503435	4401660
177	502176.5	4401172	227	502326.2	4401432	277	503455.9	4401666
178	502181.5	4401182	228	502343.9	4401446	278	503460.8	4401666
179	502186.5	4401181	229	502371.6	4401467	279	503473.4	4401656
180	502193.5	4401185	230	502394.1	4401486	280	503481.1	4401647
181	502194.7	4401192	231	502406.8	4401497	281	503493.5	4401632
182	502197.5	4401199	232	502422.8	4401512	282	503506.6	4401616
183	502191.2	4401200	233	502432	4401519	283	503520	4401599
184	502190.2	4401200	234	502437.1	4401523	284	503541.9	4401581
185	502189.8	4401203	235	502442.4	4401534	285	503561.3	4401565
186	502191	4401208	236	502455.8	4401545	286	503580.5	4401550
187	502192.3	4401209	237	502480.7	4401566	287	503594.5	4401538
188	502192.9	4401213	238	502492.5	4401576	288	503589.5	4401526
189	502190.4	4401218	239	502522.3	4401603	289	503581.4	4401505
190	502190.1	4401220	240	502539.5	4401619	290	503586.2	4401486
191	502192	4401224	241	502554.5	4401631	291	503597.3	4401476
192	502193.1	4401232	242	502600.4	4401658	292	503630.8	4401459
193	502194.3	4401238	243	502614.9	4401667	293	503656.7	4401449
194	502193.6	4401247	244	502611.7	4401659	294	503677.9	4401448
195	502194.2	4401252	245	502616.6	4401654	295	503690.4	4401453
196	502196.7	4401263	246	502633.5	4401652	296	503711.9	4401458
197	502199.9	4401277	247	502645.6	4401651	297	503737.2	4401453
198	502202.7	4401288	248	502667.5	4401651	298	503757.1	4401448
199	502205.3	4401297	249	502703.9	4401651	299	503772.5	4401420
200	502212.9	4401306	250	502724.9	4401650	300	503780.1	4401401
301	503795.8	4401375	351	504399.5	4400557			
302	503814.6	4401363	352	504400.6	4400530			
303	503844	4401365	353	504399.2	4400518			
304	503859.7	4401375	354	504394	4400503			
305	503892.1	4401400	355	504383.9	4400490			
306	503899.5	4401412	356	504378.4	4400483			
307	503896	4401430	357	504376.4	4400480			
308	503887.4	4401446	358	504372.2	4400469			
309	503878.2	4401470						
310	503883.2	4401475						
311	503900.1	4401467						
312	503923.8	4401454						
313	503939.5	4401445						
314	503944.6	4401412						
315	503952.2	4401391						
316	503964.2	4401374						
317	503987.5	4401339						
318	503993.5	4401321						
319	503996.2	4401309						
320	503999.2	4401279						
321	504005.2	4401254						
322	504022.7	4401211						
323	504037.2	4401175						



324	504051.3	4401131
325	504055	4401108
326	504060.1	4401098
327	504070	4401081
328	504086.9	4401058
329	504115.5	4401034
330	504122.3	4401027
331	504131.5	4401010
332	504145	4400977
333	504170.6	4400951
334	504185.9	4400935
335	504199.1	4400920
336	504215.1	4400894
337	504223.3	4400878
338	504234.8	4400869
339	504263.5	4400861
340	504287.8	4400840
341	504293.8	4400825
342	504308.8	4400791
343	504327.4	4400744
344	504341.8	4400709
345	504354	4400688
346	504366.1	4400666
347	504381.6	4400630
348	504384.9	4400622
349	504390.8	4400598
350	504396.1	4400573



Aneksi nr. 4

PARKU KOMBËTAR “DIVJAKË - KARAVASTA”

Zona brenda këtij ekosistemi natyror përfshin pyje, kullota, toka bujqësore, shkurre, kënetë, sipërfaqe ujore, inproduktive dhe zona urbane. Mbulesa e tokës brenda sipërfaqes së Parkut Kombëtar, jepet në Tabelën 1, si më poshtë:

Tabela 1. Sipërfaqja e PK-së, e përshkruar sipas mbulesës.

MBULESA	Sip. në ha	Përqindja
Bujqësore	6204.13	27.71
Pyje	2321.11	10.37
Sipërfaqe heterogjene bujqësore	1256.72	5.61
Sipërfaqe ujore	42.15	0.19
Sipërfaqe ujore detare	7768.73	34.70
Sipërfaqe kënetore	2265.4	10.12
Sipërfaqe me vegjetacion të pakët	693.48	3.10
Kullota	78.92	0.35
Shkurre	1344.47	6.01
Zona urbane	249.82	1.12
Total	22389.08	100

Ekosistemi natyror/ligatinor “Divjakë - Karavasta” shpallur me status “Parku Kombëtar”, ndahet në tre nënzona ruajtjeje e administrimi, si më poshtë vijon:

a) Nënzona Qendrore, me sipërfaqe 9220.57 (nëntë mijë e dyqind e njëzet presje pesëdhjetë e shtatë) ha, e shënuar në hartë me ZQ.

Kjo nënzona përfshin habitatet kryesore pyjore (pyje të lartë, nënpyll dhe shkurre) dhe përcaktohet si zonë me vlera të larta e të rralla për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla e më lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzona lejohen kërkimi shkencor, zhvillimi i veprimtarive ekoturistike të lira në natyrë.

b) Nënzona e Përdorimit Tradicional dhe Zhvillimit të Qëndrueshëm, me sipërfaqe 12939.06 (dymbëdhjetë mijë e nëntëqind e tridhjetë e nëntë presje zero gjashtë) ha, e shënuar në hartë me ZPTQ.

Kjo nënzona përfshin tokat pyjore, bujqësore e kullotat, dhe territore ujore/ligatinore ku mundësohet vazhdimi i veprimtarive tradicionale si punime për shëndetësimin e pyjeve, aktivitete bujqësore, aktiviteti i peshkimit artizanal, kullotja, grumbullimi dhe kultivimi i bimëve mjekësore e aromatike, me përdorim të balancuar të tyre dhe nuk lejohen ndërtimet e veprimtaritë që shkaktojnë ndryshimin e gjendjes natyrore të ekosistemit natyror. Në nënzona e përdorimit tradicional dhe zhvillimit të qëndrueshëm, zbatohet shkalla e dytë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive ekonomike, sociale, agrobiznesit, argëtuese, sportive e ekoturistike, ndërtimi i infrastrukturës sipas planeve të zhvillimit urban e turistik të miratuar nga Këshilli Kombëtar i Territorit (KKT), të cilat nuk çenojnë integritetin ekologjik të ekosistemit natyror dhe respektojnë funksionet e zonës së mbrojtur, vlerat ekologjike dhe ato të peizazhit natyror e kulturor.

c) Nënzona e Rekreacionit me sipërfaqe 229.45 (dyqind e njëzet e nëntë presje dyzet e pesë) ha, e shënuar në hartë me ZR.



Në këtë zonë përfshihen pjesë të habitateve pyjore dhe ato ujorë. Në këtë zonë zbatohet shkalla e tretë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive turistike, si mundësi shëtitje në natyrë, shërbime turistike në mënyrë të tillë që respektojnë funksionet e zonës së mbrojtur, vlerat e tij ekologjike dhe ato të peizazhit natyror, në mbështetje të studimeve urbanistike të miratuara nga KKT-ja.

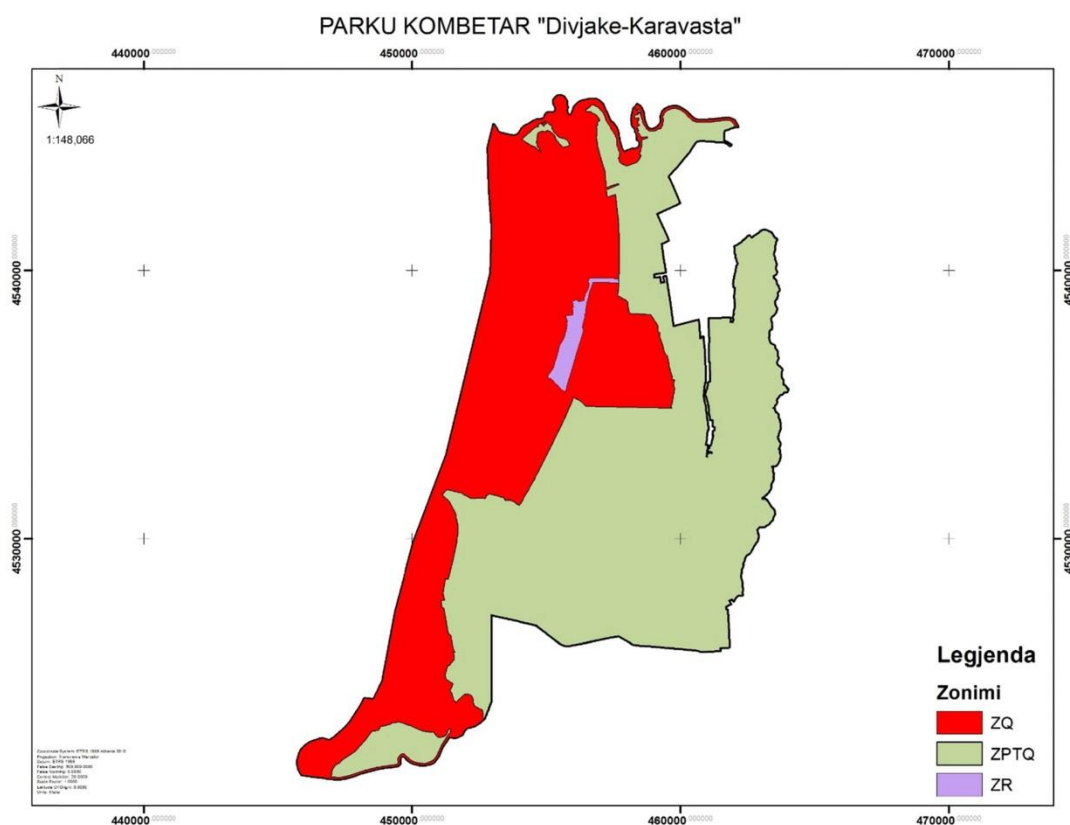
Zonimi dhe sipërfaqet në Parkun Kombëtar “Divjakë - Karavasta” jepen në Tabelën 2.

Tabela 2. Zonimi i brendshëm i parkut

Zonimi	Sip. në ha	Përqindja
Zona qendrore	9220.57	41.18
Zona e përdorimit tradicional dhe zhvillimit të qëndrueshëm	12939.06	57.79
Zona e rekreacionit	229.45	1.02
Totali	22389.08	100.00

Administratat e Zonave të Mbrojtura, Qarku Fier dhe Tiranë, kryejnë funksionet menaxhuese të Parkut Kombëtar "Divjakë-Karavasta".

SHTOJCA 1





SHTOJCA 2

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	461723.58	4527501.5	51	457430.2	4526346	101	454634.6	4526782
2	461710.16	4527495	52	456636.4	4526184	102	454629.9	4526783
3	461700.39	4527492.5	53	456367.1	4526129	103	454623.9	4526784
4	461691.4	4527492.1	54	455875.3	4526030	104	454618	4526785
5	461682.42	4527489.9	55	455830.2	4526020	105	454612.9	4526787
6	461678.75	4527487.5	56	455787.9	4526016	106	454603.8	4526789
7	461676.69	4527482.5	57	455750.8	4526022	107	454585.4	4526793
8	461675.72	4527474.2	58	455669.9	4526040	108	454569.3	4526798
9	461677.85	4527429.6	59	455566.9	4526075	109	454548.7	4526804
10	461678.2	4527427.2	60	455503.5	4526108	110	454517	4526814
11	461687.32	4527393.2	61	455426.1	4526165	111	454505.7	4526814
12	461708.32	4527361.7	62	455416.9	4526171	112	454485.3	4526820
13	461725.07	4527355.5	63	455410.2	4526179	113	454428.1	4526833
14	461748.92	4527352.6	64	455392	4526192	114	454415.5	4526836
15	461750.6	4527344.7	65	455382.3	4526200	115	454411.9	4526837
16	461763.07	4527018.7	66	455365.5	4526213	116	454407.6	4526838
17	461785.7	4526516.9	67	455358.6	4526219	117	454401.7	4526839
18	461789.78	4526438.1	68	455344.6	4526230	118	454393.6	4526841
19	461805.35	4526055.7	69	455330.7	4526239	119	454383.1	4526844
20	461807.66	4525969.4	70	455320.8	4526246	120	454373.9	4526846
21	461799.75	4525966.9	71	455312.3	4526253	121	454363.2	4526849
22	461778.55	4525963.3	72	455299.6	4526262	122	454353.1	4526851
23	461581.53	4525952.2	73	455287.9	4526270	123	454335.1	4526855
24	461461.77	4525949.4	74	455282	4526275	124	454325.7	4526857
25	461470.93	4525842.8	75	455276.4	4526280	125	454311.9	4526859
26	461357.18	4525838.1	76	455267.4	4526289	126	454304.5	4526860
27	461103.23	4525826.7	77	455258.6	4526296	127	454234.7	4526877
28	460796.39	4525807.4	78	455234.8	4526314	128	454210.8	4526883
29	460713.6	4525830.7	79	455215.3	4526329	129	454186.1	4526890
30	460644.58	4525849	80	455190.6	4526348	130	454173.7	4526894
31	460549.14	4525863.2	81	455169.5	4526362	131	454165.5	4526896
32	460318.13	4525882.8	82	455119	4526401	132	454157.5	4526898
33	460040.45	4525910.4	83	455088.1	4526424	133	454146.9	4526899
34	459506.37	4525956.1	84	455057	4526448	134	454141.6	4526901
35	459175.95	4525982.7	85	454938	4526547	135	454134.4	4526902
36	459004.28	4525997.7	86	454908.3	4526568	136	454032.8	4526924
37	458957.63	4526003.5	87	454851.4	4526607	137	453960.5	4526942
38	458838.95	4526012.7	88	454821	4526631	138	453928.7	4526949
39	458560.24	4526038.1	89	454803.1	4526647	139	453723.6	4526994
40	458520.01	4526038.7	90	454790.9	4526658	140	453663.1	4527006
41	458423.62	4526042.9	91	454778.3	4526667	141	453563.6	4527029
42	458357.84	4526055.9	92	454758.9	4526681	142	453531.8	4527038
43	458296.35	4526063.7	93	454734.5	4526702	143	453506.7	4527045



44	458266.74	4526060.2	94	454709.7	4526723	144	453480.8	4527052
45	458246.62	4526061	95	454691.4	4526735	145	453464.1	4527057
46	458185.91	4526093.1	96	454674.5	4526748	146	453445.4	4527061
47	458087.61	4526149.3	97	454664.1	4526757	147	452970.3	4527168
48	457946.93	4526231.9	98	454654.8	4526767	148	452933.7	4527175
49	457694.37	4526376.7	99	454651.2	4526771	149	452929	4527168
50	457661.7	4526387.4	100	454639.5	4526780	150	452929.2	4527156
151	452933.27	4527104.3	201	451327	4522561	251	450335.8	4521573
152	452933.83	4527055.9	202	451301.6	4522521	252	450306.3	4521579
153	452929.82	4525969.2	203	451264.5	4522469	253	450282.5	4521582
154	452923.18	4523944.2	204	451233.2	4522426	254	450266.4	4521586
155	452919.76	4523925.7	205	451194.2	4522366	255	450249.5	4521589
156	452909.89	4523892.2	206	451152.7	4522301	256	450235.9	4521593
157	452901.52	4523871.9	207	451117.2	4522236	257	450211.4	4521598
158	452898.38	4523861.6	208	451072.3	4522141	258	450193.6	4521605
159	452897.29	4523852.8	209	451032.5	4522031	259	450166.5	4521613
160	452894.21	4523844	210	450999.2	4521949	260	450090.3	4521627
161	452887.62	4523830.1	211	450994	4521940	261	450073.4	4521631
162	452860.52	4523771.4	212	450989.1	4521930	262	450045	4521640
163	452849.67	4523748.3	213	450983.2	4521919	263	449997.2	4521656
164	452845.82	4523737.5	214	450970.1	4521901	264	449960.3	4521676
165	452843.94	4523728.4	215	450964.2	4521889	265	449924.6	4521696
166	452835.43	4523704.2	216	450952.6	4521872	266	449850.5	4521745
167	452833.7	4523693.9	217	450946.3	4521864	267	449830.9	4521765
168	452832.98	4523687.2	218	450938.1	4521851	268	449813	4521787
169	452833.58	4523681.2	219	450911.3	4521819	269	449753.2	4521854
170	452833.63	4523676.4	220	450878	4521776	270	449707.1	4521898
171	452832.12	4523670	221	450866.4	4521763	271	449669	4521912
172	452827.52	4523663.2	222	450854.1	4521745	272	449634.6	4521915
173	452821.89	4523656.1	223	450831	4521718	273	449616.1	4521910
174	452817.51	4523649.9	224	450816.5	4521703	274	449597.6	4521905
175	452814.1	4523643	225	450801.6	4521689	275	449578	4521895
176	452808.57	4523627.1	226	450795.3	4521682	276	449563.7	4521870
177	452804.56	4523616.9	227	450792.3	4521676	277	449545.2	4521815
178	452775.15	4523547.9	228	450785.2	4521671	278	449529.9	4521740
179	452767.11	4523529.9	229	450777.8	4521663	279	449532.4	4521712
180	452761.32	4523515.1	230	450768.8	4521658	280	449530.5	4521696
181	452759.31	4523505.5	231	450752.8	4521650	281	449531.8	4521675
182	452760.43	4523500.3	232	450704.4	4521628	282	449537.5	4521646
183	452760.47	4523496.5	233	450684.6	4521623	283	449535.6	4521635
184	452757.37	4523490.3	234	450661.5	4521616	284	449528.6	4521624
185	452752.16	4523482.6	235	450642.5	4521613	285	449510.2	4521595
186	452694.96	4523360.7	236	450631.1	4521608	286	449482.2	4521577
187	452681.03	4523306	237	450618.5	4521605	287	449445.4	4521556
188	452643.52	4523275.1	238	450595.4	4521603	288	449394.6	4521542
189	452509.28	4523164.2	239	450557.8	4521596	289	449346.3	4521533



190	452319.55	4523042.5	240	450525.4	4521583	290	449276.5	4521524
191	452166.59	4522991.4	241	450507.1	4521578	291	449160.2	4521505
192	452066.78	4522982.2	242	450488.9	4521579	292	449105.6	4521501
193	451978.32	4522924.5	243	450471.7	4521579	293	449004.7	4521492
194	451922.49	4522848.2	244	450461.7	4521576	294	448883.4	4521476
195	451869.96	4522718	245	450449	4521576	295	448734.8	4521444
196	451671.27	4522618.5	246	450430.4	4521575	296	448553.2	4521399
197	451584.99	4522606.7	247	450417.7	4521573	297	448445.8	4521373
198	451425.51	4522621.1	248	450397.6	4521570	298	448273.1	4521324
199	451362.41	4522628.5	249	450372.3	4521572	299	448098.7	4521274
200	451357.52	4522620.7	250	450350.7	4521572	300	447970.8	4521235
301	447818.43	4521180.3	351	447137.5	4521056	401	445795.9	4522020
302	447699.61	4521140.2	352	447132.1	4521056	402	445841	4522126
303	447671.83	4521131.2	353	447121.9	4521056	403	445927.3	4522233
304	447639.28	4521121.1	354	447105.7	4521057	404	446075.5	4522360
305	447621.55	4521117.4	355	447097.8	4521057	405	446201.8	4522431
306	447617.32	4521116.6	356	447087.3	4521059	406	446321.4	4522480
307	447613.35	4521114.2	357	447080	4521057	407	446374.1	4522499
308	447606.21	4521113.7	358	447073.3	4521058	408	446545.1	4522564
309	447600.39	4521110.3	359	447059.7	4521060	409	446652.1	4522567
310	447594.83	4521108.4	360	447035.2	4521061	410	446907.7	4522505
311	447581.6	4521106.6	361	447018.4	4521065	411	447095.9	4522615
312	447565.2	4521102.9	362	447004.4	4521066	412	447488.6	4522978
313	447551.7	4521098.6	363	446994.5	4521068	413	447681.7	4523192
314	447539	4521096.5	364	446900.5	4521078	414	448069.3	4523787
315	447522.07	4521093.1	365	446876.3	4521083	415	448195.4	4524066
316	447516.78	4521091.8	366	446826.4	4521090	416	448553.4	4524030
317	447512.81	4521088.1	367	446756.5	4521099	417	448874.6	4524717
318	447504.61	4521088.8	368	446680.3	4521110	418	449358.1	4527304
319	447497.86	4521086.4	369	446603.1	4521122	419	450048.4	4529895
320	447471.66	4521079	370	446587.2	4521125	420	451278.2	4533131
321	447423.77	4521067	371	446581.7	4521125	421	452915.1	4539904
322	447383	4521062.2	372	446577.9	4521122	422	452960.1	4541427
323	447351.88	4521059.9	373	446575.3	4521125	423	452957	4541642
324	447338.34	4521058.4	374	446572	4521126	424	452857.5	4543113
325	447330.29	4521059.4	375	446564.3	4521128	425	452807.7	4544568
326	447321.19	4521058.6	376	446560.1	4521126	426	453013	4545429
327	447312.94	4521056.9	377	446554.2	4521127	427	453063.1	4545389
328	447305.74	4521056.9	378	446548.5	4521128	428	453137.4	4545260
329	447300.45	4521057.5	379	446544.2	4521129	429	453200.2	4545138
330	447293.46	4521058.2	380	446539.8	4521130	430	453276.7	4545111
331	447289.44	4521057.5	381	446533.2	4521129	431	453576	4545043
332	447285	4521055.4	382	446525.4	4521130	432	453756.4	4545007
333	447280.55	4521054.6	383	446517.1	4521130	433	453881	4545038
334	447273.57	4521055.2	384	446510.8	4521129	434	453954.5	4545089
335	447263.83	4521056.7	385	446504.6	4521128	435	454002.4	4545160



336	447251.45	4521055.9	386	446498.7	4521129	436	454096.2	4545288
337	447245.73	4521055.3	387	446490.9	4521137	437	454154.7	4545354
338	447240.02	4521055.3	388	446486.4	4521136	438	454234.6	4545402
339	447233.35	4521055.6	389	446477.5	4521134	439	454375.9	4545454
340	447225.41	4521056.9	390	446471.2	4521135	440	454508.2	4545553
341	447220.97	4521056.3	391	446465.1	4521136	441	454643.1	4545605
342	447216.52	4521055.6	392	446457.7	4521137	442	454735.9	4545606
343	447208.9	4521058.2	393	446449.6	4521138	443	454869	4545637
344	447192.39	4521056.9	394	446440.7	4521139	444	454927.5	4545702
345	447186.04	4521056.9	395	446431.8	4521143	445	454943.8	4545761
346	447177.15	4521055.3	396	446275	4521162	446	454966.3	4545823
347	447165.09	4521056.9	397	445864.1	4521217	447	455029.3	4545868
348	447157.47	4521056.3	398	445765.8	4521412	448	455103.2	4545886
349	447150.8	4521056.3	399	445726.7	4521606	449	455224.1	4545870
350	447143.5	4521054.7	400	445726.4	4521757	450	455293.7	4545896
451	455329.25	4545932.7	501	458218.4	4544498	551	459272.5	4545609
452	455347.6	4545994.4	502	458391	4544540	552	459262.1	4545713
453	455323	4546108.4	503	458443	4544576	553	459261.8	4545736
454	455272.82	4546185.4	504	458481.5	4544676	554	459269.9	4545778
455	455261.22	4546330.8	505	458483.6	4544774	555	459320.3	4545892
456	455313.09	4546424.1	506	458473.7	4544805	556	459355.4	4545944
457	455411.53	4546494.7	507	458439.9	4544841	557	459449.8	4546019
458	455523.8	4546512.5	508	458385.7	4544860	558	459558.8	4546072
459	455625.17	4546483.8	509	458391.8	4544886	559	459686.9	4546105
460	455701.14	4546402	510	458391.5	4544908	560	459824.3	4546114
461	455753.11	4546301	511	458387.7	4544967	561	459873.9	4546106
462	455761.28	4546142.3	512	458381.5	4545024	562	459986.1	4546059
463	455784.11	4546090.1	513	458372.4	4545053	563	460036	4546034
464	455762.17	4545919.7	514	458355.4	4545077	564	460139.1	4545973
465	455769.47	4545860.3	515	458343.3	4545100	565	460259.3	4545875
466	455816.65	4545784.7	516	458303.5	4545174	566	460302	4545825
467	455889.54	4545775.6	517	458292.3	4545231	567	460323	4545796
468	455925.66	4545799.2	518	458261.4	4545291	568	460416.8	4545717
469	455983.53	4545945.4	519	458214.6	4545362	569	460445.6	4545695
470	456028.88	4546070.7	520	458180.4	4545433	570	460472.1	4545677
471	456100.82	4546166.8	521	458168.8	4545615	571	460498.6	4545655
472	456173.02	4546240.7	522	458185.8	4545789	572	460547.5	4545632
473	456247.75	4546284.7	523	458190.1	4545818	573	460591.2	4545606
474	456337.92	4546314.3	524	458205.3	4545877	574	460649.3	4545593
475	456611.87	4546381	525	458214.1	4545915	575	460796.3	4545590
476	456746.81	4546384.1	526	458223.9	4545971	576	460947	4545600
477	456837.48	4546370.9	527	458244.4	4546032	577	461090.7	4545604
478	456923.64	4546335.3	528	458285.1	4546081	578	461192.2	4545611
479	457026.07	4546265	529	458385.7	4546176	579	461308	4545633
480	457087.21	4546195.9	530	458404.8	4546168	580	461580	4545663
481	457109.32	4546165.7	531	458471.9	4546135	581	461704.2	4545674



482	457188.86	4545975.3	532	458514.7	4546097	582	461812.1	4545667
483	457254.05	4545830	533	458562	4546030	583	461887.1	4545648
484	457299.83	4545714.6	534	458605.5	4545926	584	461930.4	4545629
485	457347.03	4545615.1	535	458616.2	4545876	585	461982.4	4545594
486	457431.01	4545492.2	536	458625.8	4545865	586	462012.4	4545568
487	457457.82	4545503.3	537	458629.3	4545843	587	462032.7	4545536
488	457495.03	4545443.4	538	458629.9	4545789	588	462118.6	4545363
489	457585.37	4545320.5	539	458639.1	4545675	589	462130	4545334
490	457649.64	4545187.2	540	458655.8	4545602	590	462050.8	4545338
491	457703.06	4544903.4	541	458687	4545514	591	461984.8	4545325
492	457721.74	4544773.9	542	458726.2	4545423	592	461883.1	4545288
493	457765.84	4544621	543	458734.5	4545389	593	461794.6	4545251
494	457783.94	4544543.1	544	458789.5	4545300	594	461726.5	4545231
495	457815.11	4544478.6	545	458831.2	4545269	595	461631	4545211
496	457866.04	4544422.3	546	458913.9	4545253	596	461621.6	4545201
497	457908.79	4544387	547	459009	4545268	597	461619	4545190
498	457996.68	4544454.2	548	459121.1	4545328	598	461613.6	4545112
499	458111.25	4544503.2	549	459249.8	4545456	599	461602.3	4545006
500	458204.04	4544527.2	550	459271.9	4545562	600	461607.5	4544845
601	461614.36	4544820.4	651	458999.4	4539868	701	460846.5	4537429
602	461621.72	4544812.5	652	459002.2	4539831	702	460872.1	4537167
603	461644.99	4544802.9	653	459004.6	4539799	703	460874.5	4537139
604	461700.74	4544788.3	654	459004.7	4539797	704	460874.6	4537138
605	461781.07	4544745.2	655	459005.4	4539788	705	460874.8	4537136
606	461881.56	4544684.5	656	459006.5	4539774	706	460876	4537121
607	461841.65	4544636.7	657	459010.9	4539716	707	460877.5	4537104
608	461741.79	4544706.4	658	459045	4539719	708	460879.4	4537092
609	461687.2	4544738	659	459160.7	4539733	709	460881.4	4537068
610	461608.54	4544765.7	660	459229.1	4539742	710	460882.4	4537057
611	461507.82	4544778.3	661	459266.3	4539523	711	460885.5	4536992
612	461391.82	4544785.5	662	459276.9	4539525	712	460890	4536934
613	461339.37	4544789.1	663	459317.6	4539533	713	460891.5	4536891
614	461070.66	4544812.3	664	459412.1	4539551	714	460900.8	4536627
615	460770.35	4544828	665	459372.6	4539762	715	460901	4536621
616	460638.69	4544815.3	666	459404.7	4539767	716	460901.1	4536619
617	460584.97	4544792.5	667	459411.3	4539768	717	460901.1	4536619
618	460534.83	4544733.1	668	459413.8	4539768	718	460911.9	4536289
619	460436.38	4544593.9	669	459458.9	4539775	719	460917.6	4535824
620	460393.73	4544509.5	670	459461.9	4539754	720	460917.7	4535820
621	460357.41	4544445.6	671	459485.8	4539602	721	460917.8	4535820
622	460311.5	4544387.9	672	459491.6	4539560	722	460917.9	4535818
623	460133.96	4544175.2	673	459575.2	4538988	723	460892.2	4535817
624	459895.3	4543883.2	674	459619.2	4538701	724	460890.3	4535817
625	459652.04	4543631.6	675	459657.6	4538452	725	460867.2	4535622
626	459607.66	4543578.2	676	459727.7	4537911	726	460862.5	4535510
627	459572.38	4543539.4	677	459765.8	4537914	727	460860.1	4535451



628	459544.28	4543503.1	678	459855.8	4537936	728	460860	4535448
629	459551.92	4543480.5	679	460659.2	4538149	729	460859.1	4535436
630	459610.48	4543359	680	460660.3	4538143	730	460858.9	4535433
631	459704.16	4543152.4	681	460660.4	4538143	731	460857	4535421
632	459903.63	4542663	682	460661.1	4538139	732	460846.6	4535353
633	459967.01	4542493.2	683	460691	4537920	733	460848.1	4535338
634	459452.02	4542258.6	684	460694.9	4537858	734	460866.1	4535159
635	459106.51	4542098.2	685	460695.7	4537845	735	460867.8	4535145
636	459119.47	4542070	686	460712.4	4537597	736	460868	4535144
637	459168.28	4541967.8	687	460713.5	4537579	737	460932.2	4534918
638	459510.53	4541220.2	688	460713.7	4537577	738	460933.3	4534913
639	459551.95	4541115.8	689	460714.5	4537564	739	460933.5	4534911
640	459395.07	4541041	690	460699.3	4537561	740	460931.8	4534911
641	459276.39	4540985.8	691	460701.8	4537536	741	460934.9	4534828
642	459285.2	4540956.3	692	460703.1	4537522	742	460934.5	4534828
643	459306.73	4540832.7	693	460709.6	4537456	743	460935	4534817
644	459317.48	4540725.9	694	460778.4	4537471	744	460936.4	4534786
645	459372.3	4540358.1	695	460776.3	4537485	745	460937.1	4534770
646	459394.18	4540222	696	460773.9	4537502	746	460938.4	4534770
647	459437.15	4539925.1	697	460800.3	4537507	747	460944.6	4534720
648	459237.37	4539893.1	698	460816.9	4537511	748	460944	4534720
649	459195.98	4539888.8	699	460840.9	4537515	749	460947.6	4534695
650	459145.23	4539883.5	700	460842.9	4537466	750	460955.1	4534645
751	460955.36	4534638.9	801	460986.6	4533098	851	461071.5	4533261
752	460964.84	4534567.6	802	460986.6	4533098	852	461008.1	4533273
753	460977.95	4534469.2	803	460986.8	4533100	853	461015.8	4533330
754	460983.56	4534427.1	804	460987	4533102	854	461018.2	4533363
755	460985.49	4534411.9	805	460987.3	4533104	855	461040	4533362
756	460990.86	4534369.1	806	460988	4533106	856	461065	4533365
757	461021.52	4534141.7	807	460989.6	4533109	857	461068.6	4533373
758	461026.51	4534059.5	808	460990.3	4533111	858	461073.4	4533372
759	461022.13	4534059.7	809	460990.7	4533112	859	461075.5	4533372
760	460995.74	4534061	810	460991.1	4533115	860	461088.1	4533468
761	460965.63	4533762	811	460991.3	4533117	861	461089.2	4533467
762	460960.78	4533728.8	812	460991.4	4533117	862	461104	4533466
763	460955.32	4533691.6	813	460991.9	4533121	863	461134.6	4533462
764	460933.46	4533542.4	814	460992.1	4533123	864	461153.1	4533535
765	460925.62	4533488.8	815	460992	4533127	865	461156.1	4533554
766	460926.13	4533488.8	816	460992	4533129	866	461156.6	4533556
767	460925.39	4533483.7	817	460991.9	4533135	867	461157.1	4533557
768	460980.34	4533481.3	818	460991.8	4533138	868	461159.2	4533561
769	460993.72	4533480.7	819	460991.7	4533141	869	461167.4	4533594
770	460993.96	4533482.6	820	460992.3	4533144	870	461172.3	4533613
771	461007.97	4533481.7	821	460993.4	4533148	871	461176.3	4533628
772	461007.84	4533480.7	822	460994.1	4533151	872	461233.7	4533857
773	461004.02	4533451.9	823	460994.4	4533152	873	461207	4533858



774	460992.84	4533364.7	824	460995.6	4533155	874	461196	4533859
775	460992.73	4533363.9	825	460997.7	4533159	875	461201.3	4533884
776	460980.27	4533266.7	826	460998.7	4533161	876	461204.5	4533895
777	460977.55	4533245.5	827	460999.5	4533163	877	461218.7	4533928
778	460975.02	4533225.6	828	461001.4	4533165	878	461217.8	4533932
779	460969.46	4533173.4	829	461003	4533167	879	461204.2	4533936
780	460966.22	4533142.9	830	461005.3	4533171	880	461204.1	4533948
781	460966.17	4533142.5	831	461008.5	4533173	881	461225.1	4534013
782	460966.11	4533142.2	832	461009	4533173	882	461275.7	4534037
783	460963.94	4533131.7	833	461011.2	4533172	883	461274.6	4534082
784	460962.75	4533126	834	461021.7	4533174	884	461273.8	4534092
785	460957.08	4533088.1	835	461031.2	4533177	885	461276.5	4534145
786	460952.97	4533054.2	836	461051.7	4533180	886	461279.1	4534181
787	460953.71	4533054.2	837	461052.4	4533192	887	461276.6	4534182
788	460953.7	4533054.1	838	461052.6	4533197	888	461202.3	4534190
789	460955.7	4533053.9	839	461053.3	4533208	889	461202.6	4534203
790	460955.71	4533054	840	461053.4	4533210	890	461202.7	4534203
791	460989.85	4533050.9	841	461053.6	4533213	891	461203.9	4534272
792	460989.36	4533062.6	842	461096.7	4533210	892	461205.2	4534299
793	460990.09	4533067.4	843	461112.3	4533203	893	461204.7	4534425
794	460990.7	4533071.4	844	461154.5	4533191	894	461204.7	4534434
795	460990.45	4533074.2	845	461164.6	4533188	895	461195.8	4534433
796	460989.89	4533079.4	846	461165.7	4533192	896	461157.5	4534428
797	460988.97	4533083.8	847	461173	4533222	897	461113.2	4534423
798	460987.96	4533088.6	848	461138	4533237	898	461098.8	4534514
799	460987.2	4533092.3	849	461127.8	4533249	899	461073.5	4534673
800	460986.86	4533095.5	850	461074.5	4533260	900	461070.5	4534712
901	461066.36	4534765.3	951	461032.8	4535822	1001	461964.1	4538197
902	461064.15	4534793.7	952	461033	4535824	1002	461964.1	4538198
903	461057.97	4534896.6	953	461033.1	4535825	1003	461964	4538198
904	461056.73	4534917.2	954	461033.3	4535827	1004	461963.7	4538200
905	461056.36	4534918.9	955	461070.1	4535841	1005	461961.1	4538215
906	461055.91	4534921	956	461070.1	4535841	1006	461961.5	4538220
907	461054.92	4534925.6	957	461070.1	4535841	1007	461962.4	4538231
908	461054.72	4534926.6	958	461108.8	4535853	1008	461965.6	4538329
909	461054.3	4534928.5	959	461106.4	4536093	1009	461968.1	4538344
910	461053.11	4534934	960	461103.4	4536397	1010	461976.3	4538349
911	461051.85	4534939.9	961	461101.6	4536576	1011	461992.8	4538360
912	461040.87	4534990.9	962	461100.4	4536600	1012	461996.9	4538366
913	461026.07	4535057.8	963	461070.4	4536604	1013	461995.2	4538375
914	461012.98	4535116.9	964	461066.6	4536614	1014	461982.2	4538396
915	461008.95	4535133.6	965	461067.4	4536686	1015	461992	4538472
916	461004.49	4535152.1	966	461063.5	4536859	1016	461999.7	4538532
917	460998.7	4535165.4	967	461063.5	4536883	1017	462028.5	4538610
918	460995.91	4535172	968	461067.6	4537183	1018	462030.4	4538651
919	460975.9	4535247.7	969	461075.7	4537418	1019	462033.6	4538687



920	460957.28	4535288.9	970	461072.4	4537583	1020	462034.4	4538724
921	460957.27	4535288.9	971	461060.1	4538038	1021	462029.3	4538748
922	460925.34	4535363.7	972	461054.3	4538202	1022	462026.1	4538787
923	460925.28	4535363.9	973	461054.3	4538202	1023	462020.5	4538828
924	460925.24	4535364	974	461054.2	4538204	1024	462011.6	4538888
925	460925.21	4535364.1	975	461053.7	4538211	1025	462012.9	4538944
926	460925.2	4535364.3	976	461096	4538212	1026	462006.5	4538964
927	460925.21	4535364.4	977	461854.7	4538219	1027	462005.8	4538980
928	460932.94	4535418.2	978	461854	4538207	1028	462005.1	4539044
929	460940.44	4535470.5	979	461853.5	4538201	1029	462011.6	4539149
930	460943.6	4535492.4	980	461853.3	4538199	1030	462012.6	4539181
931	460943.64	4535492.6	981	461852.9	4538195	1031	462013	4539205
932	460943.7	4535492.7	982	461852.1	4538186	1032	462016.7	4539224
933	460970.84	4535545.5	983	461851.2	4538178	1033	462027.6	4539253
934	460993.81	4535590.2	984	461850.3	4538168	1034	462030	4539283
935	461001.17	4535604.6	985	461848.6	4538150	1035	462028.3	4539316
936	461001.25	4535604.7	986	461846.6	4538130	1036	462025.1	4539362
937	461001.35	4535604.8	987	461844.9	4538112	1037	462018.4	4539368
938	461001.47	4535604.9	988	461841	4538067	1038	462003.8	4539370
939	461001.55	4535605	989	461906.3	4538059	1039	461987.8	4539380
940	460994.88	4535611.7	990	461948.4	4538054	1040	461971	4539387
941	460995.33	4535616.7	991	461949.6	4538054	1041	461965.4	4539454
942	460995.34	4535616.8	992	461951.6	4538054	1042	461959.4	4539497
943	461001.78	4535639.8	993	461953.2	4538054	1043	461964.4	4539547
944	461010.18	4535685.4	994	461959.2	4538079	1044	461970.6	4539589
945	461019.43	4535718.1	995	461961.6	4538098	1045	461977.4	4539630
946	461019.97	4535721.5	996	461965.7	4538126	1046	461993.6	4539698
947	461020.99	4535728	997	461968.8	4538147	1047	462007.6	4539766
948	461021.89	4535738.9	998	461967.8	4538163	1048	462030.1	4539877
949	461027.25	4535771.1	999	461967.1	4538175	1049	462042.6	4539945
950	461030.15	4535792.1	1000	461965.2	4538189	1050	462052.4	4539968
1051	462056.99	4539983.5	1101	462416.7	4541188	1151	463403	4541390
1052	462062.04	4540011	1102	462437.1	4541209	1152	463418.4	4541362
1053	462065.29	4540039.3	1103	462452.3	4541220	1153	463430.6	4541335
1054	462073.88	4540105.1	1104	462467.5	4541236	1154	463439	4541317
1055	462077.63	4540139.8	1105	462476.3	4541252	1155	463456.8	4541288
1056	462079.91	4540149.4	1106	462489.4	4541264	1156	463472.9	4541264
1057	462091.08	4540179.3	1107	462505.2	4541275	1157	463490.7	4541239
1058	462101.13	4540191.9	1108	462522.6	4541281	1158	463500.8	4541229
1059	462114.17	4540208.1	1109	462539.9	4541287	1159	463511	4541220
1060	462122.67	4540228.1	1110	462559	4541289	1160	463530.3	4541205
1061	462133.7	4540259.2	1111	462571.7	4541290	1161	463546.9	4541191
1062	462108.4	4540310.9	1112	462590.9	4541277	1162	463561.3	4541182
1063	462095.99	4540348.8	1113	462618.2	4541252	1163	463571.9	4541177
1064	462074.81	4540432.2	1114	462641.3	4541223	1164	463581	4541170
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1066	462059.82	4540469.3	1116	462657.2	4541215	1166	463592.6	4541149
1067	462050.63	4540486.4	1117	462665.2	4541215	1167	463596.2	4541139
1068	462045.94	4540502.7	1118	462674.1	4541218	1168	463595.7	4541134
1069	462044.99	4540515.9	1119	462682	4541221	1169	463592	4541128
1070	462044.83	4540530.2	1120	462694.1	4541231	1170	463583.9	4541122
1071	462046.95	4540563.6	1121	462716.6	4541251	1171	463576.3	4541113
1072	462049.64	4540572.6	1122	462731.3	4541265	1172	463570.1	4541100
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1074	462035.52	4540616.4	1124	462747.5	4541285	1174	463554.6	4541057
1075	462028.53	4540629.4	1125	462773.2	4541299	1175	463548.5	4541043
1076	462023.19	4540647.9	1126	462795.3	4541310	1176	463546.2	4541033
1077	462018.07	4540682.5	1127	462826.4	4541326	1177	463545.3	4541021
1078	462021.05	4540740	1128	462872.6	4541353	1178	463545.7	4541006
1079	462020.68	4540801.2	1129	462924.1	4541389	1179	463545.6	4540993
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1081	462016.99	4540877.9	1131	462966.5	4541433	1181	463539.8	4540967
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1083	462017.19	4540896.9	1133	463001.6	4541460	1183	463527.5	4540936
1084	462094.5	4540928.8	1134	463030.5	4541477	1184	463523.1	4540921
1085	462126.71	4540947	1135	463059	4541488	1185	463520.9	4540903
1086	462184.42	4540992	1136	463086.9	4541499	1186	463523.5	4540864
1087	462210.03	4541008.8	1137	463094.7	4541499	1187	463526.2	4540832
1088	462235.69	4541021.7	1138	463115.3	4541503	1188	463527.1	4540818
1089	462261.92	4541042.5	1139	463135.1	4541508	1189	463524.3	4540790
1090	462281.54	4541062.6	1140	463142.7	4541509	1190	463518.2	4540761
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1094	462327.22	4541118	1144	463345.9	4541434	1194	463485.4	4540676
1095	462338.44	4541120.8	1145	463373.8	4541419	1195	463475.6	4540643
1096	462348.98	4541124.9	1146	463379.7	4541415	1196	463470.8	4540628
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1098	462371.14	4541144.2	1148	463389.6	4541401	1198	463472.2	4540610
1099	462382.09	4541158.6	1149	463394.4	4541398	1199	463482.8	4540573
1100	462395.18	4541170.9	1150	463399.7	4541395	1200	463492	4540533
1201	463505.89	4540487.6	1251	463580.5	4539491	1301	463598.6	4538561
1202	463515.02	4540452.9	1252	463583.1	4539482	1302	463595.3	4538546
1203	463518.64	4540432	1253	463593.1	4539466	1303	463592.3	4538536
1204	463516.81	4540418.1	1254	463606.2	4539452	1304	463582.2	4538519
1205	463512.72	4540400.2	1255	463624.4	4539435	1305	463573.5	4538508
1206	463513.48	4540391.3	1256	463634.8	4539427	1306	463568.1	4538498
1207	463530.33	4540363.4	1257	463643.7	4539412	1307	463565	4538490
1208	463543.54	4540336.1	1258	463663.2	4539366	1308	463563.3	4538477
1209	463553.43	4540310.1	1259	463672.3	4539337	1309	463562.4	4538468
1210	463565.97	4540268.5	1260	463682.7	4539295	1310	463560.9	4538452
1211	463572.71	4540234.2	1261	463686.2	4539275	1311	463558.7	4538443



1212	463575.06	4540213.6	1262	463679.3	4539259	1312	463553.3	4538432
1213	463568.45	4540190.2	1263	463655.6	4539226	1313	463549.2	4538424
1214	463559.18	4540167.9	1264	463635.1	4539196	1314	463542.3	4538413
1215	463554.07	4540152.5	1265	463616.3	4539157	1315	463529.8	4538398
1216	463551.11	4540133.9	1266	463610.2	4539145	1316	463508.5	4538374
1217	463549.38	4540096.3	1267	463606.3	4539136	1317	463491.8	4538353
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1219	463546.78	4540045.5	1269	463610.5	4539121	1319	463468.7	4538321
1220	463549.05	4540032.3	1270	463620	4539088	1320	463465.6	4538318
1221	463551.81	4540022.8	1271	463624.2	4539070	1321	463451.7	4538307
1222	463563.96	4540001	1272	463624.8	4539062	1322	463445.5	4538302
1223	463582.52	4539974.5	1273	463623.6	4539054	1323	463440.8	4538299
1224	463591.57	4539956.1	1274	463611	4539019	1324	463432.9	4538297
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1226	463594.26	4539942.8	1276	463588.6	4538952	1326	463414.6	4538291
1227	463589.54	4539924.8	1277	463581.8	4538941	1327	463410.8	4538289
1228	463578.36	4539889.8	1278	463570.7	4538924	1328	463405.7	4538284
1229	463571.62	4539867.8	1279	463538.8	4538884	1329	463399.9	4538273
1230	463564.3	4539856	1280	463523.5	4538863	1330	463388.3	4538244
1231	463557.08	4539849	1281	463518.6	4538855	1331	463376.6	4538211
1232	463540.37	4539838.7	1282	463509.6	4538829	1332	463374	4538194
1233	463507.71	4539821.2	1283	463500.5	4538802	1333	463372.6	4538173
1234	463473.35	4539807	1284	463508.9	4538803	1334	463376.1	4538143
1235	463465.48	4539800.8	1285	463515.3	4538799	1335	463384	4538100
1236	463461.58	4539794.9	1286	463518	4538794	1336	463391.2	4538075
1237	463459.57	4539785.9	1287	463520.8	4538786	1337	463398.1	4538052
1238	463458.72	4539767.9	1288	463518.9	4538767	1338	463400	4538043
1239	463461.91	4539743.6	1289	463517.2	4538753	1339	463402.1	4538026
1240	463466.32	4539728.1	1290	463519.2	4538740	1340	463403.8	4537994
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1242	463481.19	4539700.2	1292	463530.4	4538701	1342	463402.2	4537919
1243	463498.48	4539691.4	1293	463533.5	4538690	1343	463403.7	4537908
1244	463512.65	4539679.1	1294	463536.6	4538678	1344	463405.4	4537898
1245	463525.97	4539664.7	1295	463546.8	4538657	1345	463408.2	4537887
1246	463542.03	4539648	1296	463561.9	4538635	1346	463409.3	4537877
1247	463562.12	4539626.4	1297	463578.4	4538608	1347	463407.5	4537855
1248	463568.56	4539612.9	1298	463592.6	4538587	1348	463404.6	4537831
1249	463571.43	4539593.4	1299	463597.1	4538578	1349	463401.8	4537822
1250	463576.62	4539515.5	1300	463598.5	4538571	1350	463396.9	4537812
1351	463390.61	4537807.9	1401	463789.3	4536294	1451	464009.4	4535573
1352	463381.12	4537804.6	1402	463778.2	4536244	1452	464010	4535568
1353	463372.15	4537802.1	1403	463767.9	4536201	1453	464009.7	4535562
1354	463360.57	4537797	1404	463765.2	4536182	1454	464008.2	4535554
1355	463348.76	4537788.9	1405	463763.6	4536154	1455	464004.7	4535544
1356	463340.65	4537780.6	1406	463763.2	4536101	1456	464000.5	4535532
1357	463331.52	4537769.4	1407	463762.8	4536064	1457	463997.8	4535525



1358	463321.92	4537753.1	1408	463766.6	4536021	1458	463988.6	4535510
1359	463316.05	4537734.6	1409	463771.8	4535994	1459	463975.3	4535488
1360	463308.44	4537706.2	1410	463777.5	4535982	1460	463964.9	4535474
1361	463302.62	4537686.9	1411	463783.3	4535971	1461	463954.6	4535466
1362	463300.71	4537668.9	1412	463803.7	4535944	1462	463940.3	4535462
1363	463299.92	4537646	1413	463818.6	4535923	1463	463925.2	4535464
1364	463301.04	4537622.3	1414	463822.4	4535913	1464	463902.1	4535466
1365	463302.45	4537610.1	1415	463822	4535900	1465	463878.6	4535473
1366	463305.58	4537595.5	1416	463818.8	4535883	1466	463870.1	4535474
1367	463307.92	4537583.6	1417	463816	4535874	1467	463864.4	4535474
1368	463309.73	4537574.3	1418	463813.9	4535865	1468	463858.5	4535472
1369	463310.12	4537568.5	1419	463816.5	4535852	1469	463855.8	4535467
1370	463310.09	4537556.4	1420	463821.7	4535836	1470	463855	4535457
1371	463306.26	4537544.1	1421	463828.7	4535816	1471	463851.4	4535443
1372	463294.56	4537526.5	1422	463828.4	4535809	1472	463850.4	4535439
1373	463288.37	4537512.1	1423	463826	4535796	1473	463843.1	4535431
1374	463286.91	4537501	1424	463823.6	4535783	1474	463823.9	4535416
1375	463287.93	4537481.6	1425	463821.8	4535774	1475	463796	4535400
1376	463292.11	4537462.6	1426	463820.6	4535763	1476	463770.7	4535386
1377	463303.98	4537431.3	1427	463822.4	4535755	1477	463753.6	4535379
1378	463310.5	4537415.9	1428	463826.7	4535749	1478	463735.8	4535374
1379	463312.66	4537400.5	1429	463834.2	4535741	1479	463724.1	4535371
1380	463315.71	4537376.7	1430	463849.8	4535731	1480	463713.7	4535369
1381	463322.43	4537344.6	1431	463857.7	4535726	1481	463700	4535362
1382	463329.54	4537312	1432	463862.9	4535724	1482	463691.8	4535356
1383	463389.07	4537265.2	1433	463869.7	4535721	1483	463686.3	4535350
1384	463491.27	4537215.5	1434	463878.2	4535719	1484	463680.1	4535339
1385	463509.46	4537198.8	1435	463890.5	4535715	1485	463673.3	4535322
1386	463514.74	4537163	1436	463901.9	4535708	1486	463670.3	4535315
1387	463514.78	4537103.6	1437	463913.4	4535697	1487	463658.5	4535293
1388	463534.13	4537078.4	1438	463921.9	4535684	1488	463645.3	4535277
1389	463560.94	4537048	1439	463929.8	4535667	1489	463630.3	4535258
1390	463612.3	4536977.8	1440	463935.7	4535659	1490	463623.5	4535252
1391	463610.41	4536918	1441	463943.8	4535651	1491	463616.9	4535246
1392	463613.1	4536837.9	1442	463953.9	4535640	1492	463607.2	4535233
1393	463644.14	4536760.1	1443	463960.3	4535630	1493	463603.2	4535222
1394	463643.4	4536706.5	1444	463963.5	4535621	1494	463596.3	4535211
1395	463617.84	4536647.5	1445	463967.5	4535607	1495	463590.1	4535199
1396	463583.2	4536568.2	1446	463971	4535600	1496	463587.8	4535192
1397	463595.37	4536521.8	1447	463975	4535596	1497	463584.6	4535171
1398	463612.7	4536488.1	1448	463981.3	4535593	1498	463583.9	4535158
1399	463650.22	4536447.2	1449	463998.5	4535583	1499	463583.6	4535152
1400	463772.06	4536345.9	1450	464006.4	4535577	1500	463585.6	4535138
1501	463586.59	4535134.1	1551	463581.4	4534697	1601	463612.4	4533763
1502	463590.82	4535121.3	1552	463587.7	4534693	1602	463618.5	4533753
1503	463592.03	4535115.7	1553	463593.6	4534690	1603	463626	4533746



1504	463593.15	4535105.3	1554	463599.8	4534682	1604	463630.9	4533739
1505	463594.08	4535092.7	1555	463611.1	4534669	1605	463637.2	4533726
1506	463594.06	4535087.5	1556	463626.3	4534654	1606	463642.7	4533707
1507	463593.39	4535082	1557	463636.4	4534641	1607	463646	4533691
1508	463590.86	4535073.9	1558	463639.2	4534636	1608	463649	4533682
1509	463584.51	4535061.9	1559	463642.2	4534618	1609	463655.9	4533662
1510	463577.49	4535048	1560	463644.2	4534608	1610	463664.6	4533649
1511	463569.17	4535033	1561	463645.5	4534592	1611	463681	4533622
1512	463541.93	4534997.7	1562	463646.3	4534567	1612	463686.5	4533614
1513	463520.39	4534972.4	1563	463647.1	4534546	1613	463699.3	4533596
1514	463509.51	4534960.8	1564	463646.7	4534536	1614	463703.4	4533587
1515	463502.87	4534951.2	1565	463646.8	4534523	1615	463711.7	4533556
1516	463501.2	4534946.9	1566	463651.5	4534510	1616	463719.4	4533529
1517	463499.8	4534942	1567	463664.8	4534480	1617	463718.8	4533522
1518	463498.58	4534932.6	1568	463674.1	4534462	1618	463718.5	4533511
1519	463497.55	4534918.8	1569	463682.5	4534450	1619	463716.1	4533499
1520	463495.5	4534912.8	1570	463691.1	4534437	1620	463712.3	4533491
1521	463492.74	4534906.3	1571	463694.6	4534427	1621	463706.1	4533478
1522	463487.39	4534899.6	1572	463698.8	4534409	1622	463702.5	4533471
1523	463480.31	4534893.8	1573	463702.2	4534391	1623	463699.7	4533465
1524	463473.87	4534890.1	1574	463706.4	4534356	1624	463697.3	4533455
1525	463469	4534888	1575	463710.4	4534323	1625	463695.1	4533445
1526	463461.48	4534886.3	1576	463712.8	4534306	1626	463692.8	4533436
1527	463454.36	4534884.8	1577	463715.3	4534290	1627	463687.5	4533417
1528	463450.42	4534882.4	1578	463717.4	4534261	1628	463680.9	4533402
1529	463445.84	4534877.4	1579	463722.2	4534153	1629	463675.7	4533392
1530	463443.78	4534872.5	1580	463725.6	4534117	1630	463666.3	4533379
1531	463443.02	4534869.5	1581	463723.3	4534090	1631	463659.9	4533372
1532	463444.13	4534865.1	1582	463717.9	4534067	1632	463658.2	4533367
1533	463446.94	4534862.8	1583	463708.2	4534047	1633	463657.6	4533362
1534	463452.24	4534861.5	1584	463687.5	4534000	1634	463657.9	4533355
1535	463471.57	4534860.1	1585	463683.2	4533991	1635	463659.1	4533343
1536	463485.91	4534855.3	1586	463674.9	4533977	1636	463663.7	4533330
1537	463499.5	4534847.4	1587	463669.6	4533963	1637	463668	4533320
1538	463504.32	4534841.9	1588	463657.4	4533918	1638	463675.2	4533313
1539	463507.96	4534837.1	1589	463644.7	4533873	1639	463683.4	4533307
1540	463511.55	4534828.3	1590	463640.9	4533859	1640	463697.3	4533300
1541	463514.9	4534812.4	1591	463638.1	4533843	1641	463702.9	4533296
1542	463517.82	4534793.6	1592	463636.1	4533835	1642	463706.7	4533288
1543	463523.47	4534771.6	1593	463632.8	4533829	1643	463706.3	4533279
1544	463530.87	4534753.3	1594	463618.2	4533808	1644	463704.5	4533267
1545	463537.7	4534739.3	1595	463612.6	4533802	1645	463699.6	4533252
1546	463540.49	4534731.7	1596	463607.8	4533793	1646	463692.6	4533223
1547	463543.94	4534720.8	1597	463606.2	4533787	1647	463693.3	4533212
1548	463548.62	4534714	1598	463606.1	4533781	1648	463695	4533201
1549	463554.22	4534710.4	1599	463607.4	4533776	1649	463698	4533189



1550	463564.61	4534704	1600	463608.9	4533771	1650	463701.6	4533178
1651	463705.67	4533171.1	1701	463446.9	4532620	1751	463370.9	4531968
1652	463707.41	4533166.2	1702	463446.8	4532607	1752	463374.7	4531958
1653	463709	4533156.7	1703	463443.8	4532591	1753	463378.8	4531947
1654	463711.95	4533142	1704	463440.8	4532575	1754	463379.9	4531942
1655	463714.71	4533122.7	1705	463437	4532563	1755	463380.1	4531935
1656	463715.83	4533098	1706	463427.9	4532540	1756	463379.4	4531931
1657	463715.36	4533077.9	1707	463425.9	4532532	1757	463377.2	4531924
1658	463716.16	4533070.4	1708	463425.1	4532525	1758	463372.7	4531914
1659	463717.39	4533064.1	1709	463426.3	4532517	1759	463367.8	4531897
1660	463718.59	4533061	1710	463429.8	4532509	1760	463363.8	4531878
1661	463722.14	4533045.4	1711	463437.3	4532494	1761	463359.7	4531861
1662	463722.16	4533042	1712	463451.6	4532473	1762	463357.3	4531854
1663	463721.1	4533035.7	1713	463457.2	4532464	1763	463354.3	4531848
1664	463715.66	4533019.4	1714	463465.4	4532449	1764	463339.7	4531830
1665	463710.22	4533002.5	1715	463468.7	4532439	1765	463326.9	4531813
1666	463708.53	4532994.5	1716	463469.5	4532428	1766	463314.7	4531794
1667	463705.49	4532971.7	1717	463468.9	4532410	1767	463304.7	4531771
1668	463699.41	4532948.6	1718	463465.3	4532390	1768	463298.5	4531754
1669	463680.43	4532907.5	1719	463462.1	4532372	1769	463293.7	4531744
1670	463655.75	4532852.2	1720	463459.4	4532351	1770	463288.3	4531738
1671	463640.6	4532826.5	1721	463454.4	4532324	1771	463280.2	4531733
1672	463626.31	4532798.6	1722	463452.5	4532312	1772	463270.8	4531727
1673	463617.86	4532778.6	1723	463452.2	4532302	1773	463248.5	4531703
1674	463612.2	4532771.2	1724	463456.7	4532285	1774	463236.8	4531690
1675	463598	4532754.8	1725	463462.8	4532269	1775	463230.7	4531681
1676	463584.2	4532739.4	1726	463466.1	4532254	1776	463222.8	4531671
1677	463572.44	4532734	1727	463466.5	4532245	1777	463214.9	4531664
1678	463560.83	4532728.7	1728	463465.5	4532232	1778	463202	4531651
1679	463543.76	4532722.8	1729	463464	4532221	1779	463180.8	4531632
1680	463533.21	4532719.9	1730	463460.5	4532213	1780	463165.1	4531621
1681	463519.44	4532720.8	1731	463456.2	4532202	1781	463146.9	4531611
1682	463502.49	4532722.1	1732	463453.3	4532192	1782	463141.6	4531606
1683	463474.08	4532719.7	1733	463452.1	4532186	1783	463137.4	4531601
1684	463451.86	4532719.2	1734	463451.6	4532178	1784	463131.2	4531590
1685	463432.8	4532720.1	1735	463451	4532172	1785	463125.2	4531581
1686	463424.58	4532717.6	1736	463447.7	4532163	1786	463112.4	4531569
1687	463416.14	4532714.8	1737	463443.3	4532155	1787	463096	4531560
1688	463403.32	4532707.5	1738	463439.4	4532150	1788	463077.3	4531550
1689	463399.36	4532701.9	1739	463434.2	4532140	1789	463058.5	4531542
1690	463396.04	4532696.2	1740	463426.7	4532129	1790	463052	4531536
1691	463396.09	4532691.3	1741	463417.3	4532113	1791	463047	4531532
1692	463396.8	4532684.9	1742	463405.9	4532099	1792	463038.1	4531519
1693	463400.08	4532676.1	1743	463400	4532089	1793	463035.4	4531512
1694	463405.69	4532666.6	1744	463391.2	4532072	1794	463036.4	4531505
1695	463410.84	4532660.6	1745	463382.7	4532048	1795	463040.2	4531497



1696	463418.94	4532654.9	1746	463378.2	4532024	1796	463045	4531491
1697	463427.77	4532651.2	1747	463372.9	4532005	1797	463054.6	4531485
1698	463434.97	4532646	1748	463370.4	4531995	1798	463067.5	4531481
1699	463440.07	4532639.5	1749	463369.1	4531985	1799	463081.5	4531482
1700	463444.94	4532629.7	1750	463369	4531978	1800	463097.7	4531485
1801	463104.1	4531486.2	1851	463164.7	4530480	1901	462897.6	4530180
1802	463117.59	4531489	1852	463158.1	4530475	1902	462900.2	4530174
1803	463129.44	4531488.9	1853	463146.2	4530465	1903	462903.1	4530165
1804	463146.64	4531484.2	1854	463137	4530459	1904	462908.2	4530139
1805	463169.61	4531474.7	1855	463132.3	4530457	1905	462910.1	4530111
1806	463185.62	4531462	1856	463127.4	4530456	1906	462909.7	4530076
1807	463200.14	4531451	1857	463121.7	4530456	1907	462906	4530051
1808	463205.42	4531448.4	1858	463109.7	4530457	1908	462901.7	4530032
1809	463220.07	4531440.3	1859	463096.5	4530460	1909	462894.9	4530005
1810	463228.4	4531434.7	1860	463089.3	4530461	1910	462884.6	4529976
1811	463238.07	4531427.2	1861	463086.4	4530461	1911	462869	4529937
1812	463273.8	4531368.1	1862	463082.2	4530460	1912	462858.8	4529917
1813	463295.9	4531327.6	1863	463072.3	4530456	1913	462843.2	4529897
1814	463322.26	4531279.9	1864	463054.5	4530451	1914	462825.1	4529874
1815	463334.13	4531259.1	1865	463044.6	4530448	1915	462815.5	4529862
1816	463351.1	4531233.1	1866	463039.3	4530447	1916	462792	4529826
1817	463371.35	4531206.7	1867	463033.9	4530446	1917	462779.9	4529811
1818	463387.42	4531189.4	1868	463030.7	4530446	1918	462763	4529783
1819	463422.77	4531152	1869	463017.3	4530448	1919	462751.6	4529763
1820	463460.76	4531115.4	1870	463003.9	4530450	1920	462742.5	4529751
1821	463478.41	4531098.4	1871	462982	4530454	1921	462725.6	4529724
1822	463484.47	4531089.6	1872	462960.4	4530457	1922	462716.6	4529707
1823	463490.97	4531075.9	1873	462953.2	4530456	1923	462705.5	4529675
1824	463496.92	4531055.5	1874	462945	4530454	1924	462695	4529642
1825	463501.87	4531029.7	1875	462938.2	4530450	1925	462682.9	4529623
1826	463505.09	4530988.7	1876	462930.5	4530444	1926	462674.1	4529611
1827	463506.51	4530975.1	1877	462922.2	4530435	1927	462659.8	4529596
1828	463512.33	4530947.5	1878	462912.8	4530421	1928	462649	4529580
1829	463514.62	4530932.3	1879	462906.4	4530412	1929	462626.9	4529545
1830	463513.89	4530922.5	1880	462900.2	4530406	1930	462617.2	4529528
1831	463508.13	4530907.2	1881	462893.9	4530402	1931	462611.8	4529517
1832	463496.5	4530887.8	1882	462883.6	4530395	1932	462603.1	4529504
1833	463476.56	4530854.8	1883	462877.5	4530390	1933	462588.9	4529482
1834	463471.13	4530842.2	1884	462873.1	4530385	1934	462584.3	4529476
1835	463465.59	4530828.7	1885	462860.8	4530369	1935	462567.1	4529466
1836	463448.27	4530753.7	1886	462855.7	4530355	1936	462538.7	4529449
1837	463444.08	4530740.9	1887	462854.1	4530345	1937	462492.5	4529423
1838	463439.75	4530731.3	1888	462854.3	4530335	1938	462467.8	4529411
1839	463419.21	4530701	1889	462859.8	4530309	1939	462452.6	4529399
1840	463407.04	4530682.3	1890	462868.2	4530270	1940	462434.3	4529380
1841	463397.53	4530671.7	1891	462874	4530246	1941	462423.6	4529364



1842	463361.17	4530636.1	1892	462876.9	4530234	1942	462407.7	4529333
1843	463319.53	4530593.3	1893	462879.4	4530228	1943	462393.2	4529301
1844	463296.54	4530567.9	1894	462880.6	4530224	1944	462389.4	4529292
1845	463280.09	4530548.6	1895	462881.2	4530216	1945	462384.3	4529278
1846	463257.84	4530527.5	1896	462881.6	4530207	1946	462381.2	4529270
1847	463234.74	4530512.1	1897	462883.1	4530204	1947	462377.1	4529257
1848	463204.27	4530501.9	1898	462886.7	4530196	1948	462375.8	4529248
1849	463185.92	4530496	1899	462888.7	4530194	1949	462375	4529237
1850	463173.94	4530489.3	1900	462892.6	4530188	1950	462374.1	4529227
1951	462370.79	4529219.8	2001	462297.7	4527928			
1952	462365.02	4529206.2	2002	462296.6	4527909			
1953	462355.36	4529181.3	2003	462292.7	4527903			
1954	462340.72	4529148.1	2004	462281.6	4527901			
1955	462326.9	4529116	2005	462260.7	4527899			
1956	462322.67	4529104.2	2006	462225.3	4527895			
1957	462321.81	4529094	2007	462179.3	4527894			
1958	462321.13	4529086.1	2008	462158.9	4527897			
1959	462320.91	4529078.1	2009	462151.2	4527897			
1960	462322.4	4529058.8	2010	462140.4	4527895			
1961	462323.33	4529046.9	2011	462126.6	4527886			
1962	462324.34	4529027.9	2012	462108.5	4527874			
1963	462323.55	4529021.9	2013	462096.6	4527869			
1964	462321.2	4529005.2	2014	462076.7	4527855			
1965	462318.46	4528986.1	2015	462062.7	4527841			
1966	462316.24	4528975.9	2016	462054.9	4527831			
1967	462313.18	4528965.9	2017	462042.5	4527811			
1968	462300.13	4528941.2	2018	462020.6	4527767			
1969	462272.12	4528888.9	2019	462003.5	4527736			
1970	462259.77	4528869.6	2020	461966.3	4527671			
1971	462256.59	4528859	2021	461943	4527732			
1972	462256.88	4528833.2	2022	461925.4	4527748			
1973	462253.7	4528793.1	2023	461911.8	4527755			
1974	462255.09	4528763.2	2024	461892.7	4527756			
1975	462253.69	4528746	2025	461883.2	4527754			
1976	462251.92	4528738.8	2026	461865.3	4527747			
1977	462250.15	4528731.9	2027	461833.3	4527721			
1978	462245.78	4528720.8	2028	461819.6	4527715			
1979	462244.81	4528712.8	2029	461793.2	4527708			
1980	462243.68	4528696.7	2030	461788	4527708			
1981	462241.92	4528687.9	2031	461817.1	4527659			
1982	462236.36	4528642.3	2032	461840.2	4527613			
1983	462233.17	4528594.8	2033	461848.7	4527590			
1984	462234.3	4528565.5	2034	461858.4	4527569			
1985	462237.43	4528546.2	2035	461846.5	4527567			
1986	462241.07	4528528.8	2036	461814.1	4527554			
1987	462254.38	4528484.6	2037	461793.9	4527543			



1988	462267.29	4528442.7	2038	461734.5	4527509
1989	462273.71	4528420.1	2039	461723.6	4527502
1990	462281.44	4528392.9			
1991	462289.45	4528351.7			
1992	462293.34	4528324			
1993	462292.85	4528268.7			
1994	462292.32	4528199.2			
1995	462294.26	4528173.8			
1996	462296.54	4528100.9			
1997	462296.16	4528064.4			
1998	462292.98	4528018.6			
1999	462292.44	4527996.9			
2000	462293.54	4527989.5			



Aneksi nr. 5

PARKU KOMBËTAR “MALI I DAJTIT”

Zona brenda këtij ekosistemit natyror përfshin pyje, bujqësore, shkurre, kullota, sipërfaqe heterogjene bujqësore, sipërfaqe me vegetacion të pakët, bimësi barishtore, zona urbane dhe sipërfaqe ujore. Mbulesa e tokës brenda sipërfaqes së Parkut Kombëtar “Mali i Dajtit”, jepet në Tabelën 1 të këtij vendimi, si më poshtë vijon:

Tabela 1. Sipërfaqja e PK-së, e përshkruar sipas mbulesës.

Mbulesa	Sip. në ha	Përqindja
Pyje	12555.9	43.96
Sipërfaqe heterogjene bujqësore	4419.8	15.47
Sipërfaqe ujore	422.1	1.48
Sipërfaqe me vegetacion të pakët	2839.2	9.94
Kullota	142.6	0.50
Bujqësore	489.26	1.71
Shkurre & Bimësi barishtore	7490	26.22
Zona urbane	202.98	0.71
Total	28561.84	100

Ekosistemi natyror “Mali i Dajtit”, shpallur me status “Park Kombëtar” ndahet në tre nënzona ruajtjeje e administrimi, si më poshtë vijon:

a) Nënzona Qendrore, me sipërfaqe 9794.48 (nëntë mijë e shtatëqind e nëntëdhjetë e katër presje) ha, e shënuar në hartë me ZQ.

Kjo nënzona përfshin habitatet kryesore pyjore (pyje të lartës, cungishte dhe shkurre) dhe përcaktohet si zonë me vlera të larta e të rralla për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla e më lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzona lejohen, kërkimi shkencor dhe zhvillimi i veprimtarive ekoturistike të lira në natyrë.

b) Nënzona e Përdorimit Tradicional dhe Zhvillimit të Qëndrueshëm, me sipërfaqe 17183.78 (shtatëmbëdhjetë mijë e njëqind e tetëdhjetë e tre presje shtatëdhjetë e tetë) ha, e shënuar në hartë me ZPTQ.

Kjo nënzona përfshin tokat pyjore, bujqësore e kullotat, dhe territore ujore ku mundësohet vazhdimi i veprimtarive tradicionale si punime për shëndetësimin e pyjeve, aktivitete bujqësore, kullotja, grumbullimi dhe kultivimi i bimëve mjekësore e aromatike, me përdorim të balancuar të tyre dhe nuk lejohen ndërtimet e veprimtaritë ekonomike që shkaktojnë ndryshimin e gjendjes natyrore të ekosistemit natyror. Në nënzona e përdorimit tradicional dhe zhvillimit të qëndrueshëm, zbatohet shkalla e dytë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive ekonomike, sociale, agrobiznesit, argëtuese, sportive e ekoturistike, ndërtimi i infrastrukturës sipas planeve të zhvillimit urban e turistik të miratuar nga Këshilli Kombëtar i Territorit (KKT), të cilat nuk çenojnë integritetin ekologjik të ekosistemit natyror dhe respektojnë funksionet e zonës së mbrojtur, vlerat ekologjike dhe ato të peizazhit natyror e kulturor.

c) Nënzona e Rekreacionit me sipërfaqe 1583.58 (një mijë e pesëqind e tetëdhjetë e tre presje pesëdhjetë e tetë) ha, e shënuar në hartë me ZR.



Në këtë zonë përfshihen pjesë nga habitatet pyjore dhe ato ujore dhe në këtë zonë zbatohet shkalla e tretë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive turistike, si mundësi shëtitje në natyrë, shërbime turistike në mënyrë të tillë që respektojnë funksionet e zonës së mbrojtur, vlerat e tij ekologjike dhe ato të peizazhit natyror, në mbështetje të studimeve urbanistike të miratuara nga KKT-ja.

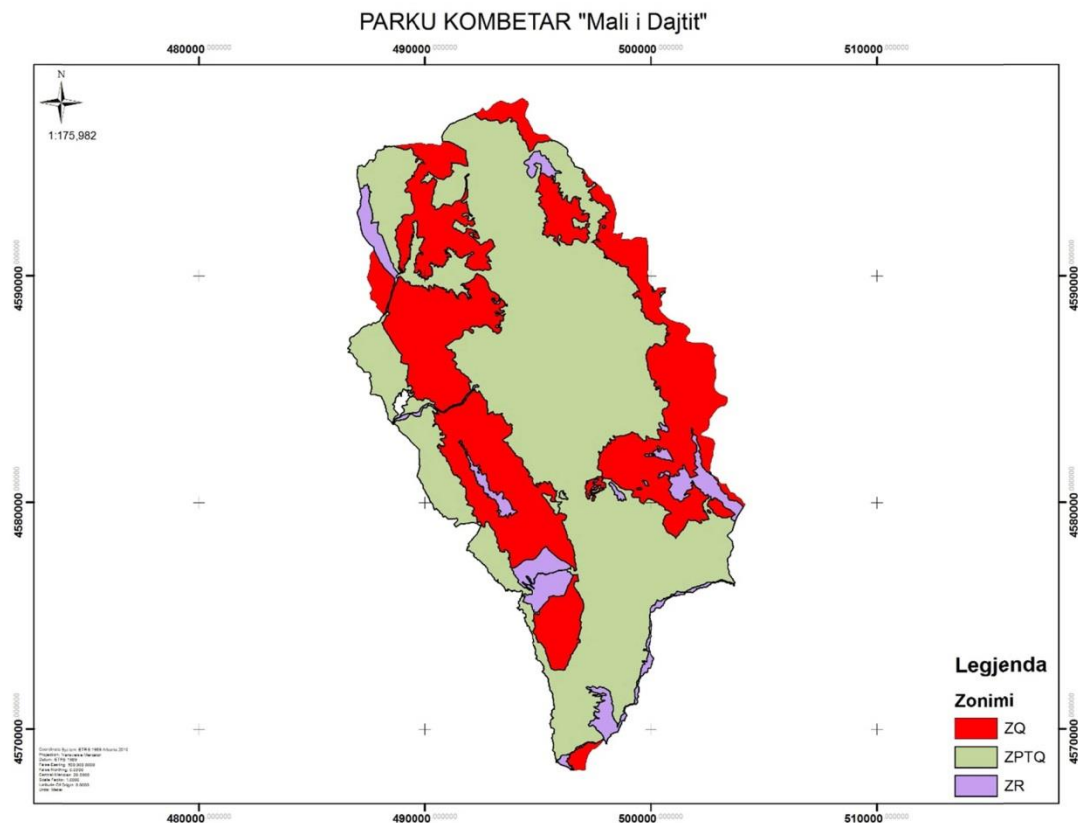
Zonimi dhe sipërfaqet në Parkun Kombëtar “Mali i Dajtit” jepen në Tabelën 2.

Tabela 2. Zonimi i brendshëm i PK-së.

Zonimi	Sip. në ha	Përqindja
Zona qendrore	9794.48	34.29
Zona e përdorimit tradicional dhe zhvillimit të qëndrueshëm	17183.78	60.16
Zona e rekreacionit	1583.58	5.54
Total	28561.84	100

Administratat e Zonave të Mbrojtura Qarku Tiranë dhe Durrës, kryejnë funksionet e administratës së Parkut Kombëtar “Mali i Dajtit”.

SHTOJCA 1





SHTOJCA 2

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	492219.48	4577580.5	51	491837.4	4577920	101	491294.5	4579063
2	492193.09	4577601.1	52	491839.2	4577925	102	491320.3	4579103
3	492184.45	4577607.6	53	491841.4	4577930	103	491332.8	4579120
4	492168.08	4577621.3	54	491848	4577943	104	491372.2	4579144
5	492162.59	4577627.1	55	491859.2	4577964	105	491397.3	4579176
6	492155.98	4577638	56	491865.4	4577977	106	491417.5	4579208
7	492152.57	4577646.9	57	491867.8	4577986	107	491435.4	4579239
8	492150.73	4577657.2	58	491867.6	4577994	108	491438.2	4579253
9	492148.84	4577677.6	59	491866.4	4578009	109	491433.6	4579283
10	492148.98	4577684.1	60	491864.6	4578024	110	491402.7	4579315
11	492149.22	4577690.6	61	491864.3	4578037	111	491389.9	4579319
12	492150.4	4577698.5	62	491866.9	4578045	112	491381.3	4579318
13	492153.69	4577707	63	491871.6	4578051	113	491366.9	4579312
14	492158.77	4577720.1	64	491875.4	4578055	114	491352.7	4579299
15	492160.48	4577727.2	65	491885.2	4578058	115	491343	4579292
16	492161.68	4577738	66	491898	4578058	116	491337.2	4579289
17	492161.02	4577749.5	67	491902.7	4578058	117	491332.2	4579287
18	492159.63	4577755	68	491909.3	4578059	118	491324.3	4579286
19	492156.95	4577758.2	69	491915.7	4578061	119	491318.1	4579286
20	492151.88	4577762.4	70	491925	4578066	120	491311.8	4579287
21	492133.31	4577772.2	71	491932.1	4578073	121	491308.4	4579287
22	492116.49	4577780.3	72	491938.2	4578080	122	491289.5	4579290
23	492082.67	4577794.8	73	491941.4	4578090	123	491276	4579291
24	492052.23	4577812.1	74	491942.6	4578101	124	491258.7	4579290
25	492034.01	4577823.5	75	491941.6	4578112	125	491257.4	4579290
26	492028.16	4577827.9	76	491939.4	4578120	126	491235.6	4579287
27	492022.07	4577832.5	77	491935.6	4578127	127	491222.5	4579283
28	492018.14	4577836.2	78	491926.2	4578146	128	491215.6	4579281
29	492006.5	4577848.5	79	491906.5	4578192	129	491199.4	4579276
30	492000.75	4577855.4	80	491962.5	4578256	130	491187.5	4579272
31	491992.85	4577864.3	81	492046.8	4578352	131	491177.2	4579271
32	491984.43	4577871	82	492199.3	4578525	132	491164.2	4579271
33	491978.17	4577874.8	83	492247.3	4578580	133	491144.9	4579272
34	491971.26	4577877.6	84	492295.2	4578635	134	491099.9	4579274
35	491966.09	4577878.8	85	492309.8	4578663	135	491061.3	4579275
36	491961.85	4577879.4	86	492353.9	4578747	136	491048.1	4579277
37	491950.44	4577879.9	87	492415.9	4578865	137	491035	4579280
38	491930.8	4577878.9	88	492465.3	4578960	138	491023.4	4579282
39	491906.81	4577877.6	89	492285.8	4579076	139	491018.7	4579284
40	491873.74	4577877.5	90	492100.9	4579134	140	491016.1	4579285
41	491868.71	4577878.4	91	492041.1	4579122	141	491008	4579289
42	491863.79	4577880	92	491899	4579094	142	491006	4579290
43	491858.74	4577882.4	93	491828.8	4579080	143	491000.5	4579295
44	491850.62	4577888.2	94	491666.9	4579069	144	490994.1	4579301



45	491843.64	4577895.3	95	491585.4	4579076	145	490971	4579324
46	491841.34	4577898.7	96	491575.5	4579070	146	490933.9	4579360
47	491838.5	4577903.9	97	491369.7	4578933	147	490893.2	4579397
48	491836.86	4577908.5	98	491306.3	4579008	148	490884.2	4579404
49	491836.29	4577912.6	99	491290	4579039	149	490876.4	4579405
50	491836.38	4577916.1	100	491287.5	4579051	150	490870.2	4579404
151	490856.81	4579396.5	201	490437.2	4579688	251	490144.3	4580279
152	490838.88	4579382.6	202	490433.5	4579684	252	490143.2	4580292
153	490834.49	4579380.3	203	490431.1	4579683	253	490139.8	4580299
154	490829.41	4579377.6	204	490428.8	4579682	254	490130.8	4580306
155	490825.61	4579376.4	205	490422.2	4579681	255	490115.5	4580318
156	490819.11	4579376	206	490414.4	4579682	256	490098.9	4580328
157	490811	4579377	207	490411.6	4579684	257	490050.2	4580419
158	490805.74	4579379.4	208	490409.6	4579688	258	490008.9	4580497
159	490797.72	4579386.3	209	490408.7	4579697	259	489977.4	4580563
160	490789.47	4579399.7	210	490408.1	4579711	260	489937.6	4580623
161	490785.87	4579408.8	211	490405.4	4579725	261	489920.5	4580647
162	490785.18	4579413.9	212	490399.2	4579748	262	489917.6	4580653
163	490786.04	4579421.7	213	490394.5	4579765	263	489916.8	4580655
164	490788.03	4579428.5	214	490384.6	4579792	264	489916	4580665
165	490788.41	4579436.5	215	490377.3	4579806	265	489918.3	4580722
166	490787.39	4579442.3	216	490375	4579814	266	489905.3	4580799
167	490783.65	4579450.4	217	490374	4579822	267	489899.8	4580815
168	490778.58	4579458.8	218	490374.4	4579831	268	489885.2	4580838
169	490770.2	4579469.1	219	490374.5	4579852	269	489878.5	4580846
170	490752.2	4579488.5	220	490375	4579861	270	489869.9	4580854
171	490725.77	4579516.7	221	490374.5	4579865	271	489860.3	4580861
172	490706.35	4579534.2	222	490371.7	4579872	272	489855.3	4580864
173	490697.54	4579542.2	223	490368.2	4579876	273	489847	4580867
174	490687.09	4579548.6	224	490365.6	4579880	274	489841.7	4580869
175	490680.08	4579550.9	225	490363.3	4579886	275	489836.4	4580875
176	490669.05	4579552.8	226	490358.4	4579898	276	489832.2	4580883
177	490660.35	4579555.3	227	490341.7	4579923	277	489827.9	4580897
178	490654.16	4579559.2	228	490331.8	4579949	278	489821	4580915
179	490649.65	4579565.3	229	490326.7	4579960	279	489816.5	4580921
180	490645.76	4579572.5	230	490292.6	4579999	280	489806.2	4580948
181	490642.26	4579582.2	231	490263.4	4580035	281	489799.5	4580965
182	490639.76	4579597.2	232	490252.6	4580050	282	489788.2	4580990
183	490638.61	4579604.6	233	490247	4580056	283	489783.1	4580995
184	490630.87	4579615.5	234	490240.9	4580061	284	489776.6	4580996
185	490617.78	4579631.3	235	490229.2	4580068	285	489767.9	4581005
186	490577.07	4579674.4	236	490198.9	4580114	286	489760.2	4581016
187	490554.35	4579692.6	237	490203.8	4580118	287	489753.8	4581026
188	490522.03	4579723.9	238	490203.3	4580125	288	489750	4581036
189	490501.82	4579739.8	239	490198.5	4580134	289	489738.3	4581052
190	490493.65	4579743.7	240	490191.9	4580150	290	489717.8	4581081



191	490487.7	4579745.3	241	490184.5	4580185	291	489702.3	4581101
192	490483.26	4579745.1	242	490179.6	4580207	292	489679.6	4581128
193	490476.2	4579743.3	243	490177.1	4580218	293	489654.5	4581158
194	490469.2	4579740	244	490173.1	4580228	294	489705	4581354
195	490467.15	4579738.4	245	490167.7	4580235	295	489730.8	4581415
196	490461.19	4579732.1	246	490159	4580241	296	489773.7	4581626
197	490456.89	4579725.5	247	490149.7	4580248	297	489738.4	4581695
198	490452.63	4579717.2	248	490145.6	4580253	298	489751.8	4581733
199	490448	4579706.4	249	490143.2	4580261	299	489765.7	4581813
200	490440.51	4579692.8	250	490143.8	4580270	300	489741.5	4582134
301	489748.81	4582263.3	351	489029.5	4584156	401	489233.8	4584728
302	489754.08	4582303.7	352	489019.4	4584169	402	489231	4584746
303	489756.31	4582339.5	353	489014.1	4584184	403	489241.9	4584762
304	489703.31	4582384.8	354	488998.3	4584208	404	489252.9	4584778
305	489667.83	4582432.1	355	488984.8	4584210	405	489263.6	4584799
306	489632.48	4582467.7	356	488962.4	4584221	406	489255.9	4584829
307	489584.4	4582506.3	357	488957.9	4584236	407	489247.8	4584845
308	489488.87	4582570.7	358	488958.2	4584248	408	489223.1	4584869
309	489464.71	4582600.8	359	488963.6	4584258	409	489199	4584885
310	489433.86	4582637.5	360	488975.7	4584277	410	489190.9	4584904
311	489385.35	4582690.3	361	488985.9	4584296	411	489198	4584917
312	489332.93	4582737.3	362	488990.2	4584298	412	489215.7	4584932
313	489268.87	4582835.3	363	489013.3	4584296	413	489247.3	4584945
314	489201.12	4582888.8	364	489041.5	4584289	414	489283.6	4584958
315	489139.48	4582956.9	365	489057.4	4584290	415	489283.8	4584966
316	489080.79	4582998.5	366	489077.2	4584299	416	489280.5	4584974
317	489019.55	4583032.2	367	489084.7	4584303	417	489273.4	4584976
318	488933.99	4583110.6	368	489093.7	4584308	418	489262.6	4584977
319	488861.86	4583170.6	369	489107.1	4584310	419	489249.9	4584976
320	488837.47	4583202.4	370	489138.1	4584309	420	489239.6	4584975
321	488819.26	4583269.5	371	489154.1	4584306	421	489230.1	4584980
322	488810.05	4583334	372	489174.8	4584315	422	489223.3	4584982
323	488770.23	4583389.7	373	489191.8	4584325	423	489212.2	4584981
324	488719.38	4583424	374	489193	4584341	424	489198.7	4584983
325	488683.45	4583448.2	375	489195.6	4584354	425	489194.3	4584981
326	488546.27	4583483	376	489176	4584366	426	489192	4584975
327	488588.47	4583607	377	489166.3	4584386	427	489188.5	4584967
328	488641.6	4583681.7	378	489160.4	4584415	428	489183.4	4584963
329	488669.94	4583703.2	379	489161.3	4584441	429	489173.1	4584960
330	488743.61	4583741.1	380	489155.4	4584466	430	489153.7	4584958
331	488829.02	4583770.7	381	489150.9	4584484	431	489140.5	4584961
332	488857.78	4583782.9	382	489151.8	4584488	432	489131.3	4584966
333	488887.62	4583858.5	383	489175.9	4584489	433	489123.7	4584973
334	488892.18	4583877.3	384	489185.5	4584494	434	489115.7	4584981
335	488905.06	4583897.5	385	489194	4584503	435	489107.3	4584983
336	488925.49	4583916.3	386	489204.4	4584518	436	489098.2	4584986



337	488955.29	4583948.4	387	489217.3	4584548	437	489089.8	4584990
338	488986.26	4583971	388	489230.6	4584598	438	489080.2	4584998
339	488999.92	4583980.1	389	489235.9	4584607	439	489074.5	4585005
340	489024.72	4583986.8	390	489247.7	4584616	440	489053	4585009
341	489037.92	4583989.6	391	489264.8	4584625	441	489017.7	4585011
342	489044.19	4583997.1	392	489281.5	4584636	442	489006.6	4585009
343	489046.57	4584019.8	393	489292.6	4584647	443	488997.6	4585001
344	489045.36	4584033.1	394	489300.1	4584658	444	488994.5	4584991
345	489052.14	4584041.6	395	489308.2	4584672	445	488992.7	4584970
346	489058.92	4584050.7	396	489311.7	4584688	446	488992.9	4584955
347	489064.07	4584063.5	397	489308.2	4584701	447	488989.2	4584935
348	489066.37	4584093.7	398	489281.9	4584719	448	488982.2	4584924
349	489065.24	4584121.2	399	489256.3	4584727	449	488970.7	4584916
350	489047.9	4584143.7	400	489245.4	4584728	450	488957.3	4584911
451	488945.47	4584903.8	501	488653.8	4584485	551	488704.2	4583825
452	488936.87	4584892.6	502	488644.9	4584476	552	488687.6	4583823
453	488931.88	4584877	503	488642.9	4584467	553	488677.7	4583819
454	488934.53	4584854.4	504	488656.4	4584447	554	488666.5	4583806
455	488929.25	4584830.5	505	488658.1	4584439	555	488648.6	4583786
456	488926.23	4584816.2	506	488653.9	4584431	556	488634.1	4583776
457	488925.28	4584795.9	507	488642.8	4584426	557	488621.5	4583763
458	488920.56	4584786.9	508	488625.5	4584413	558	488610.3	4583736
459	488915.88	4584780.1	509	488623	4584403	559	488601.7	4583667
460	488914.82	4584768.6	510	488605.6	4584397	560	488596.4	4583647
461	488914.14	4584759	511	488589.7	4584398	561	488589.8	4583636
462	488917.45	4584747.2	512	488576.6	4584389	562	488575.2	4583624
463	488927.05	4584741.3	513	488561.8	4584375	563	488570.6	4583609
464	488933.05	4584737.4	514	488556.7	4584359	564	488551.4	4583565
465	488935.94	4584727.5	515	488552.9	4584345	565	488532.9	4583530
466	488932.9	4584716	516	488553.7	4584334	566	488523.8	4583524
467	488928.61	4584709.2	517	488571.7	4584318	567	488517.6	4583535
468	488911.51	4584711.7	518	488591.6	4584317	568	488349.4	4583712
469	488893.38	4584768.7	519	488601.5	4584316	569	488344.1	4583783
470	488893.2	4584784.2	520	488610.8	4584314	570	488338.8	4583853
471	488885.83	4584804	521	488618.8	4584305	571	488317.6	4583949
472	488869.67	4584828	522	488617	4584289	572	488278.6	4584033
473	488861.47	4584850.1	523	488623.8	4584275	573	488262.8	4584154
474	488855.39	4584861.6	524	488629.2	4584266	574	488232.8	4584219
475	488817.35	4584820.2	525	488633.3	4584260	575	488231.3	4584280
476	488802.09	4584801	526	488634.8	4584252	576	488194.4	4584335
477	488793.11	4584788.2	527	488622.9	4584246	577	488181.8	4584399
478	488785.8	4584767.5	528	488622.3	4584240	578	488166.7	4584461
479	488783.17	4584754.3	529	488623.8	4584227	579	488159.6	4584476
480	488784.09	4584744	530	488618.7	4584214	580	488147.6	4584501
481	488792.92	4584735.4	531	488612.2	4584198	581	488104.5	4584556
482	488803.34	4584727.2	532	488607.8	4584185	582	488077.3	4584625



483	488809.48	4584711	533	488599.9	4584176	583	488071	4584668
484	488787.78	4584710.9	534	488594.7	4584167	584	487972	4584733
485	488758.75	4584703.2	535	488596.2	4584151	585	487908.5	4584734
486	488736.1	4584693.4	536	488606.3	4584137	586	487839.9	4584762
487	488721.36	4584686.3	537	488627	4584122	587	487779.2	4584785
488	488711.9	4584680.4	538	488641.8	4584106	588	487712.7	4584773
489	488707.83	4584666	539	488656.5	4584090	589	487593.6	4584772
490	488703.21	4584654.3	540	488675.9	4584071	590	487580.3	4584826
491	488697	4584641.6	541	488689.4	4584052	591	487598.4	4584907
492	488686.54	4584630.3	542	488702.9	4584027	592	487616.3	4585004
493	488677.6	4584625.5	543	488726.4	4583994	593	487623.4	4585053
494	488672.99	4584612.2	544	488770.7	4583953	594	487628.1	4585085
495	488666.36	4584590.4	545	488784.2	4583931	595	487627.6	4585125
496	488675.11	4584566.1	546	488793.9	4583916	596	487604.6	4585195
497	488681.21	4584542.1	547	488806.7	4583899	597	487592.7	4585264
498	488673.37	4584533.6	548	488781.7	4583878	598	487587.2	4585328
499	488669.88	4584515	549	488741.9	4583849	599	487562.2	4585426
500	488664.75	4584500.1	550	488717.4	4583831	600	487534.1	4585507
601	487536.43	4585534.8	651	486659.5	4587152	701	488080	4588230
602	487578.53	4585556.4	652	486659.2	4587178	702	488125.2	4588262
603	487596.81	4585577.8	653	486662.8	4587212	703	488166.6	4588295
604	487600.53	4585599	654	486662.5	4587238	704	488137.6	4588326
605	487577.53	4585642.4	655	486670	4587274	705	487926.2	4588550
606	487573.34	4585662.2	656	486676.4	4587294	706	487916.7	4588569
607	487567.72	4585690	657	486702.6	4587317	707	487901.4	4588586
608	487552.77	4585724.2	658	486757.9	4587338	708	487884.6	4588600
609	487510.03	4585758.1	659	486798.8	4587349	709	487873.4	4588609
610	487441.15	4585763.9	660	486834.5	4587355	710	487857.4	4588619
611	487336.52	4585770.7	661	486918.8	4587444	711	487848.5	4588630
612	487287.33	4585789.9	662	486944	4587465	712	487834.8	4588648
613	487242.89	4585856.9	663	486989.9	4587481	713	487828.2	4588668
614	487191.63	4585941	664	487025.9	4587525	714	487832	4588687
615	487097.04	4585995.5	665	487062	4587560	715	487836.5	4588707
616	487032.99	4586041.1	666	487091.9	4587587	716	487845.1	4588722
617	486970.59	4586135	667	487113.6	4587627	717	487857.6	4588738
618	486967.64	4586161.4	668	487143.4	4587664	718	487864.6	4588753
619	486966.01	4586187.9	669	487166.8	4587696	719	487864.4	4588769
620	486976.2	4586222.4	670	487193.5	4587725	720	487857.8	4588785
621	486979.75	4586258.2	671	487235	4587747	721	487843.4	4588802
622	486979.23	4586303.1	672	487284.9	4587775	722	487824.9	4588819
623	486954.93	4586345.2	673	487349.4	4587805	723	487804.1	4588838
624	486902.7	4586398.9	674	487391.7	4587815	724	487784	4588858
625	486857.37	4586427.5	675	487427.1	4587843	725	487762.3	4588879
626	486814.74	4586517.6	676	487464	4587858	726	487734.3	4588901
627	486797.46	4586547	677	487520.6	4587880	727	487642.2	4588956
628	486758.78	4586596.3	678	487539.2	4587875	728	487608.9	4588982



629	486689.81	4586624.2	679	487577.7	4587861	729	487579.7	4589024
630	486590.72	4586664.3	680	487592.4	4587850	730	487578	4589078
631	486628.75	4586671.1	681	487618.8	4587861	731	487577.2	4589106
632	486642.45	4586676.5	682	487631.8	4587876	732	487567.4	4589157
633	486665.68	4586695.2	683	487642	4587909	733	487550.6	4589245
634	486659.18	4586714.3	684	487668.2	4587937	734	487551.8	4589266
635	486656.35	4586729.4	685	487694.5	4587946	735	487559.5	4589302
636	486656.17	4586745.3	686	487726.3	4587949	736	487570.7	4589322
637	486669.81	4586767.3	687	487773.1	4587941	737	487584.3	4589331
638	486627.18	4586792	688	487810.2	4587943	738	487620.7	4589353
639	486613.21	4586798.4	689	487837.6	4587948	739	487637.6	4589377
640	486590.58	4586810.1	690	487862.8	4587968	740	487643.3	4589395
641	486576.5	4586825.8	691	487883.7	4587989	741	487646.2	4589423
642	486586.25	4586849.3	692	487920.6	4588002	742	487640.1	4589475
643	486628.08	4586894.8	693	487940.7	4588007	743	487630.8	4589505
644	486659.33	4586938.8	694	487965.9	4588026	744	487597.1	4589563
645	486686.63	4586981.5	695	487989.8	4588061	745	487557.6	4589656
646	486702.17	4587010.8	696	488025.4	4588097	746	487552.1	4589672
647	486710.99	4587049.3	697	488028.3	4588122	747	487505.8	4589760
648	486708.1	4587070.4	698	488038.5	4588153	748	487479.4	4589797
649	486697.24	4587094.1	699	488046.7	4588180	749	487450.9	4589864
650	486674.41	4587123	700	488060.2	4588201	750	487444.9	4589893
751	487425.88	4589954.1	801	487009.7	4594800	851	487593.4	4595133
752	487424.37	4589970	802	487010.9	4594851	852	487598.5	4595132
753	487442.83	4590006.2	803	487071.9	4594869	853	487604.1	4595135
754	487526.59	4590224	804	487216.9	4594914	854	487607.3	4595135
755	487554.55	4590451.7	805	487252.9	4594871	855	487619.5	4595136
756	487574.53	4590634.1	806	487277.3	4594842	856	487626.8	4595136
757	487550.1	4590851.5	807	487319.7	4594843	857	487633.3	4595135
758	487554.58	4590921.7	808	487327.7	4594849	858	487637.9	4595136
759	487584.18	4590993.5	809	487333.2	4594852	859	487643.9	4595141
760	487609.88	4591040.3	810	487336.8	4594856	860	487647.2	4595142
761	487679.65	4591104.3	811	487346.9	4594881	861	487649	4595143
762	487699.11	4591117.5	812	487352.2	4594888	862	487654.6	4595143
763	487732.55	4591153.9	813	487363.8	4594899	863	487657.2	4595143
764	487741.1	4591171.5	814	487379	4594912	864	487663.6	4595140
765	487717.43	4591296.9	815	487381.9	4594916	865	487671.3	4595135
766	487674.29	4591319.8	816	487382.6	4594920	866	487675.7	4595131
767	487583.64	4591376.9	817	487383.8	4594928	867	487683.4	4595121
768	487476.5	4591486.9	818	487384.5	4594934	868	487684.4	4595115
769	487358.28	4591639	819	487386.4	4594939	869	487683.6	4595108
770	487239.7	4591822.9	820	487389.2	4594944	870	487681.6	4595102
771	487155.31	4592077.1	821	487393.5	4594950	871	487678.7	4595089
772	487116.49	4592300.3	822	487403.6	4594957	872	487672	4595063
773	487103.21	4592447.3	823	487413.5	4594961	873	487672	4595060
774	487042.04	4592640	824	487422.5	4594963	874	487673.9	4595055



775	487037.26	4592655	825	487430	4594965	875	487678.7	4595054
776	487012.8	4592710.3	826	487433.4	4594968	876	487680.3	4595059
777	486996.39	4592756.2	827	487438.2	4594977	877	487681.2	4595061
778	486997.24	4592819.7	828	487441.7	4594988	878	487686.7	4595083
779	487015.4	4592897.7	829	487443.8	4594996	879	487694.1	4595098
780	487035.38	4592955.1	830	487449.1	4595006	880	487700.1	4595107
781	487069.85	4592995.2	831	487453.3	4595011	881	487702.7	4595110
782	487072.55	4592999.2	832	487469.7	4595020	882	487703.4	4595111
783	487082.29	4593013.4	833	487480.4	4595029	883	487711	4595121
784	487132.31	4593086.6	834	487482.4	4595033	884	487718.2	4595125
785	487134.74	4593151.6	835	487484.2	4595039	885	487725.8	4595127
786	487132.82	4593180.2	836	487484.8	4595044	886	487731.3	4595127
787	487119.79	4593208.6	837	487483.6	4595056	887	487736	4595126
788	487125.81	4593237.3	838	487482.2	4595065	888	487742.3	4595124
789	487135.01	4593266	839	487482.8	4595071	889	487749.1	4595126
790	487133	4593302.5	840	487483.9	4595075	890	487751.8	4595130
791	487127.89	4593332.6	841	487485.2	4595079	891	487755.4	4595139
792	487130.84	4593351.7	842	487487.6	4595082	892	487762.9	4595173
793	487161.78	4593391.8	843	487493.2	4595088	893	487767.8	4595185
794	487180.3	4593503.2	844	487509.3	4595099	894	487774.2	4595194
795	487113.88	4593813.3	845	487535.4	4595124	895	487791	4595217
796	487097.89	4593888	846	487549.2	4595136	896	487796.7	4595226
797	487050.13	4594111.2	847	487554.6	4595138	897	487798.5	4595234
798	486978.93	4594414.9	848	487574.9	4595137	898	487797.8	4595292
799	487001.59	4594627.2	849	487579.4	4595138	899	487797.6	4595300
800	487006.41	4594672.4	850	487584.8	4595137	900	487797.4	4595306
901	487800.69	4595329.4	951	488186.6	4595695	1001	488349.1	4595727
902	487800.16	4595335.4	952	488191.3	4595698	1002	488358	4595726
903	487798.84	4595341.3	953	488192.9	4595703	1003	488369.3	4595730
904	487794.46	4595351.3	954	488193.1	4595712	1004	488374.8	4595735
905	487793.46	4595355.4	955	488191.2	4595725	1005	488379.3	4595742
906	487792.92	4595360.6	956	488191.1	4595729	1006	488385	4595747
907	487794.15	4595364.9	957	488189.7	4595739	1007	488390.7	4595748
908	487795.36	4595369.4	958	488189.9	4595744	1008	488396.2	4595747
909	487803.7	4595383.5	959	488191.3	4595749	1009	488400.9	4595745
910	487809.49	4595399.9	960	488196.1	4595756	1010	488407.7	4595742
911	487815.2	4595416.9	961	488204.5	4595759	1011	488428.8	4595733
912	487816.1	4595421.6	962	488217	4595759	1012	488433.9	4595727
913	487819.65	4595429.4	963	488232.3	4595758	1013	488438	4595722
914	487832.18	4595447.4	964	488248.4	4595755	1014	488442.3	4595719
915	487845.75	4595473.1	965	488252.5	4595751	1015	488446.1	4595719
916	487860.21	4595508.3	966	488258	4595747	1016	488452.2	4595721
917	487877.78	4595533.5	967	488263.4	4595741	1017	488457.3	4595724
918	487916.52	4595560.4	968	488267.6	4595740	1018	488469.7	4595733
919	487937.05	4595572.5	969	488273.8	4595739	1019	488600	4595754
920	487999.3	4595577.9	970	488278.9	4595740	1020	488661.9	4595764



921	488019.69	4595578.2	971	488285	4595742	1021	489010.6	4595808
922	488040.22	4595574.6	972	488290.7	4595741	1022	489804.2	4595895
923	488047.05	4595573.9	973	488295.2	4595740	1023	489921.2	4595861
924	488053.72	4595574	974	488298.4	4595738	1024	490035.2	4595827
925	488058.31	4595575.1	975	488299	4595734	1025	490286.7	4595848
926	488065.77	4595578.7	976	488298.7	4595730	1026	490374.5	4595832
927	488072.88	4595586.6	977	488296.6	4595727	1027	490404.5	4595827
928	488077.5	4595590	978	488290	4595725	1028	490600.9	4595792
929	488082.76	4595593.4	979	488280.6	4595719	1029	490625	4595788
930	488090.58	4595594.6	980	488271.1	4595714	1030	490634.2	4595787
931	488111.51	4595597.2	981	488260.8	4595711	1031	490697.2	4595776
932	488136.05	4595599.4	982	488253.4	4595709	1032	490783.6	4595965
933	488150.53	4595601.3	983	488244.7	4595709	1033	490769.1	4596043
934	488154.23	4595601.7	984	488240.9	4595708	1034	490746.1	4596168
935	488155.7	4595602.8	985	488238.8	4595705	1035	490829	4596371
936	488158.21	4595605.7	986	488239.1	4595702	1036	490863.6	4596411
937	488158.85	4595611.5	987	488246.1	4595698	1037	490956.7	4596517
938	488161.74	4595622.1	988	488255.6	4595696	1038	491043.6	4596646
939	488163.92	4595626.4	989	488260.7	4595695	1039	491082.5	4596703
940	488165.98	4595631.1	990	488266.4	4595697	1040	491218.1	4596753
941	488168.24	4595637.5	991	488272.1	4595699	1041	491269.1	4596772
942	488169.87	4595643.2	992	488297.4	4595705	1042	491291.2	4596784
943	488170.85	4595649.6	993	488309.2	4595709	1043	491337.9	4596809
944	488170.16	4595654.9	994	488315.7	4595712	1044	491421.2	4596854
945	488169.65	4595661.6	995	488319.7	4595715	1045	491510.7	4596889
946	488169.59	4595667.4	996	488325.1	4595724	1046	491593.7	4596922
947	488169.51	4595674.1	997	488330.5	4595729	1047	491697.9	4596954
948	488170.28	4595680.9	998	488334.2	4595731	1048	491744.4	4596968
949	488173.58	4595688.4	999	488336.1	4595731	1049	491797.1	4596984
950	488179.46	4595692.7	1000	488339.7	4595731	1050	491862.7	4597022
1051	491971.41	4597083.4	1101	494465.3	4596971	1151	496577.6	4594980
1052	492130.33	4597150.3	1102	494528.8	4596909	1152	496595.4	4594953
1053	492196.49	4597178.1	1103	494586.3	4596801	1153	496597.4	4594921
1054	492222.62	4597191.7	1104	494637.4	4596673	1154	496599.4	4594883
1055	492321.99	4597243.5	1105	494819.5	4596367	1155	496635	4594836
1056	492413.72	4597291.4	1106	494929.5	4596296	1156	496703.9	4594826
1057	492527.85	4597438.1	1107	495042.2	4596270	1157	496735.7	4594816
1058	492542.59	4597442.7	1108	495184.7	4596271	1158	496839.3	4594780
1059	492547.33	4597435.7	1109	495249.2	4596269	1159	496940.3	4594747
1060	492565.64	4597411.6	1110	495278.8	4596273	1160	496990.8	4594721
1061	492605.13	4597359.5	1111	495293.7	4596271	1161	497014.5	4594701
1062	492638.51	4597329.3	1112	495313.5	4596264	1162	497051.8	4594670
1063	492669.19	4597313.4	1113	495327.7	4596259	1163	497078.5	4594647
1064	492721.09	4597311.9	1114	495389.3	4596239	1164	497094.9	4594600
1065	492749.57	4597320.7	1115	495434	4596213	1165	497219	4594398
1066	492767.51	4597328.5	1116	495488.6	4596154	1166	497321.8	4594297



1067	492796.05	4597347.3	1117	495539.5	4596107	1167	497338.1	4594272
1068	492805.27	4597356.2	1118	495584.8	4596075	1168	497375.3	4594233
1069	492900.59	4597458.7	1119	495640.4	4596033	1169	497435	4594195
1070	492917.12	4597474.1	1120	495686.2	4596002	1170	497508	4594180
1071	492936.61	4597498.5	1121	495830.5	4595945	1171	497560.5	4594139
1072	492950.41	4597513.7	1122	495987.8	4595861	1172	497579.4	4594109
1073	493022.95	4597593.6	1123	496050.9	4595820	1173	497590.8	4594095
1074	493086.06	4597629.3	1124	496103.5	4595770	1174	497606.2	4594075
1075	493218.6	4597703.8	1125	496173	4595715	1175	497703.6	4594010
1076	493253.93	4597703.1	1126	496221.5	4595689	1176	497770.3	4593963
1077	493296.75	4597736	1127	496237.5	4595672	1177	497797.2	4593920
1078	493370.88	4597731.5	1128	496244.3	4595664	1178	497815	4593871
1079	493442.4	4597724.4	1129	496267.7	4595642	1179	497839.4	4593821
1080	493540.8	4597680.6	1130	496287.2	4595617	1180	497924.4	4593693
1081	493636.4	4597650	1131	496299.9	4595598	1181	497969.6	4593646
1082	493798.1	4597622.7	1132	496307.5	4595578	1182	498019.8	4593611
1083	493861.32	4597647.3	1133	496309.7	4595555	1183	498117.3	4593609
1084	493969.45	4597703.6	1134	496311.3	4595530	1184	498166	4593599
1085	494074.34	4597758.2	1135	496309.6	4595506	1185	498183.1	4593587
1086	494116.27	4597793.1	1136	496308.6	4595478	1186	498204.5	4593543
1087	494213.47	4597838.2	1137	496305	4595417	1187	498259	4593433
1088	494274.16	4597866.3	1138	496302.8	4595410	1188	498291.6	4593355
1089	494337.84	4597851.2	1139	496303.8	4595382	1189	498317.8	4593285
1090	494391.33	4597801.6	1140	496312.1	4595357	1190	498339.6	4593231
1091	494442.14	4597754.5	1141	496322.8	4595345	1191	498386.9	4593077
1092	494505.9	4597731.5	1142	496358	4595304	1192	498400.5	4593027
1093	494543.37	4597694.8	1143	496394.8	4595281	1193	498426.7	4592931
1094	494551.58	4597671.1	1144	496428.5	4595251	1194	498437.6	4592875
1095	494553.13	4597593.7	1145	496457.4	4595216	1195	498440.2	4592862
1096	494524.01	4597480.9	1146	496470.6	4595175	1196	498447.2	4592804
1097	494438.7	4597307.9	1147	496479.2	4595121	1197	498448	4592735
1098	494436.15	4597286.4	1148	496494	4595077	1198	498426	4592626
1099	494420.86	4597157.5	1149	496514.9	4595050	1199	498407.9	4592546
1100	494408.13	4597050.2	1150	496545.4	4595021	1200	498381.7	4592434
1201	498380.21	4592419.6	1251	499846.9	4589819	1301	501137.5	4587979
1202	498376.7	4592385.5	1252	499851.9	4589761	1302	501172.5	4587974
1203	498368.34	4592304.1	1253	499939	4589646	1303	501242.6	4587956
1204	498369.14	4592251.4	1254	500031.3	4589573	1304	501281.6	4587947
1205	498360.23	4592151	1255	500043.7	4589563	1305	501330.2	4587937
1206	498342.62	4592048.9	1256	500086.6	4589510	1306	501421	4587911
1207	498335.78	4592018.4	1257	500104.2	4589449	1307	501444.3	4587899
1208	498313.06	4591959.5	1258	500132.4	4589395	1308	501500.9	4587870
1209	498290.8	4591926.9	1259	500168.7	4589367	1309	501569.8	4587819
1210	498333.75	4591890.7	1260	500198.4	4589361	1310	501643.5	4587762
1211	498354.42	4591887.8	1261	500261.4	4589400	1311	501699.7	4587709
1212	498391.04	4591878.7	1262	500267.3	4589421	1312	501730.4	4587663



1213	498440.31	4591872.9	1263	500277.2	4589456	1313	501737.3	4587609
1214	498503.91	4591864.1	1264	500297.6	4589481	1314	501730.1	4587546
1215	498557.75	4591875.9	1265	500339.3	4589493	1315	501628.6	4587400
1216	498629.01	4591891	1266	500421.1	4589493	1316	501557.1	4587299
1217	498658.93	4591912	1267	500524.3	4589503	1317	501546.9	4587272
1218	498679.49	4591918.5	1268	500556	4589510	1318	501553.9	4587215
1219	498701.6	4591928.3	1269	500586.2	4589510	1319	501575.6	4587162
1220	498717.53	4591923.7	1270	500617.9	4589512	1320	501707.5	4587095
1221	498730.43	4591906.4	1271	500646.5	4589504	1321	501725.6	4587085
1222	498737.06	4591882.7	1272	500673.7	4589485	1322	501885.1	4587063
1223	498727.46	4591851.5	1273	500663.8	4589444	1323	502018.9	4587057
1224	498688.1	4591723.4	1274	500646.5	4589372	1324	502135.3	4587061
1225	498678.92	4591693.1	1275	500638.5	4589328	1325	502232.7	4587062
1226	498672.74	4591678.8	1276	500636.7	4589317	1326	502321.6	4587063
1227	498669.8	4591658.1	1277	500612.3	4589285	1327	502423.6	4587032
1228	498671.56	4591643.8	1278	500582.4	4589266	1328	502517.1	4587002
1229	498690.66	4591637.8	1279	500506.9	4589205	1329	502621.4	4586956
1230	498715.43	4591630.1	1280	500458.9	4589146	1330	502681.1	4586925
1231	498777.18	4591621.2	1281	500434.4	4589085	1331	502715.4	4586881
1232	498876.51	4591635	1282	500428	4589069	1332	502741.8	4586803
1233	498924.24	4591642.8	1283	500424.4	4589018	1333	502753.3	4586716
1234	498998.87	4591640.4	1284	500455.1	4588925	1334	502775.6	4586621
1235	499097.02	4591600.4	1285	500485.3	4588873	1335	502816.7	4586548
1236	499126.09	4591603.4	1286	500501	4588799	1336	502872.1	4586519
1237	499160.24	4591624.9	1287	500493.2	4588742	1337	502809.7	4586419
1238	499211.28	4591667.3	1288	500453.6	4588686	1338	502779.3	4586304
1239	499257.2	4591705.4	1289	500438.4	4588676	1339	502780.6	4586193
1240	499296.82	4591711.2	1290	500420	4588665	1340	502785.2	4586137
1241	499360.22	4591719.8	1291	500357.6	4588593	1341	502827.7	4585960
1242	499758.51	4591706	1292	500458.1	4588413	1342	502856.2	4585897
1243	499771.57	4591705.5	1293	500487.5	4588385	1343	502865.2	4585810
1244	499820.61	4591534.5	1294	500591.3	4588286	1344	502870.3	4585707
1245	499839.56	4591317.4	1295	500661.9	4588227	1345	502871.2	4585631
1246	499848.55	4591226.2	1296	500799.5	4588110	1346	502860.5	4585532
1247	499841.46	4590809.4	1297	500913.1	4588059	1347	502837.9	4585425
1248	499849.28	4590476.1	1298	500968.9	4588033	1348	502807.2	4585333
1249	499836.98	4590166.4	1299	500970.3	4588033	1349	502780.3	4585257
1250	499844.61	4590021.7	1300	501081.5	4587997	1350	502781.5	4585150
1351	502786.15	4585090.4	1401	502626.2	4581711	1451	503583.2	4578303
1352	502826.76	4585011.5	1402	502623.5	4581665	1452	503597.6	4578271
1353	502891.56	4584901.1	1403	502624.3	4581595	1453	503593.4	4578216
1354	503019.51	4584823.1	1404	502602	4581515	1454	503638.9	4578058
1355	503123.37	4584768.8	1405	502596.3	4581439	1455	503635.1	4578043
1356	503223.02	4584734.2	1406	502633.7	4581354	1456	503626.2	4578014
1357	503322.71	4584697	1407	502664.4	4581271	1457	503606.7	4577978
1358	503376.8	4584616.6	1408	502704.8	4581209	1458	503540	4577840



1359	503387.34	4584563.8	1409	502769.2	4581184	1459	503518.9	4577792
1360	503387.95	4584510.8	1410	502797.9	4581174	1460	503508.3	4577666
1361	503368.83	4584447.8	1411	502874.2	4581148	1461	503465.3	4577625
1362	503333.39	4584364.6	1412	502951	4581093	1462	503433.6	4577600
1363	503267.92	4584304.3	1413	502978.1	4581037	1463	503380.4	4577546
1364	503198.67	4584283.7	1414	502988.7	4580981	1464	503378.7	4577518
1365	503126.09	4584266.3	1415	503015.8	4580921	1465	503379	4577493
1366	503056.88	4584242.3	1416	503056.1	4580869	1466	503379.3	4577468
1367	502974.71	4584195.1	1417	503106.1	4580840	1467	503384.7	4577440
1368	502912.55	4584134.8	1418	503149.1	4580837	1468	503385.2	4577411
1369	502847.34	4584051.3	1419	503198.8	4580837	1469	503402.6	4577341
1370	502772.36	4583954.5	1420	503258.4	4580828	1470	503405.3	4577311
1371	502723.61	4583877.8	1421	503331.3	4580819	1471	503407.1	4577285
1372	502674.68	4583817.7	1422	503346.5	4580764	1472	503406.1	4577259
1373	502596.54	4583707.6	1423	503367.2	4580688	1473	503397.3	4577192
1374	502578.37	4583561.9	1424	503434.4	4580606	1474	503391.1	4577145
1375	502579.44	4583469.2	1425	503465.2	4580517	1475	503393.8	4577098
1376	502554.51	4583336.6	1426	503518.9	4580451	1476	503411.1	4577064
1377	502522.19	4583270.1	1427	503618.3	4580439	1477	503442.7	4576985
1378	502456.75	4583206.4	1428	503678.2	4580407	1478	503454.1	4576926
1379	502381.2	4583159.2	1429	503725	4580364	1479	503454.8	4576868
1380	502266.02	4583105	1430	503755.3	4580315	1480	503456	4576854
1381	502217.09	4583044.9	1431	503825.7	4580240	1481	503463.7	4576831
1382	502204.2	4583014.9	1432	503915.3	4580211	1482	503482	4576810
1383	502264.51	4582949.5	1433	503988.8	4580156	1483	503509.5	4576769
1384	502397.22	4582917.9	1434	504032.6	4580083	1484	503534	4576726
1385	502536.46	4582893	1435	504086.7	4579988	1485	503553.5	4576710
1386	502634.49	4582841.4	1436	504159.4	4579931	1486	503565.7	4576689
1387	502717.39	4582825.8	1437	503786.1	4579376	1487	503592.7	4576657
1388	502791.2	4582737.3	1438	503678.1	4579055	1488	503609.1	4576641
1389	502808.42	4582678	1439	503658.9	4579011	1489	503615.6	4576627
1390	502815.96	4582598.7	1440	503629.3	4578898	1490	503637.3	4576573
1391	502810.03	4582539	1441	503607	4578812	1491	503677.5	4576520
1392	502794.52	4582449.5	1442	503591.5	4578780	1492	503693.5	4576472
1393	502772.16	4582379.8	1443	503530.6	4578704	1493	503691.6	4576447
1394	502759.92	4582293.6	1444	503456.5	4578643	1494	503682.9	4576331
1395	502737.68	4582214	1445	503436.6	4578629	1495	503670.4	4576335
1396	502752.14	4582108.2	1446	503385.9	4578587	1496	503655	4576343
1397	502742.78	4582058.5	1447	503374	4578547	1497	503639.9	4576347
1398	502710.39	4581998.6	1448	503384.8	4578528	1498	503635.3	4576350
1399	502688.15	4581918.9	1449	503471.6	4578443	1499	503633.4	4576354
1400	502666.06	4581826	1450	503542.4	4578358	1500	503632	4576361
1501	503631.69	4576366.4	1551	503031.4	4576549	1601	502208.1	4576252
1502	503632.14	4576373	1552	503029.7	4576543	1602	502194.2	4576254
1503	503632.6	4576379.4	1553	503013.8	4576525	1603	502182	4576252
1504	503641.49	4576397.2	1554	503007.6	4576515	1604	502173.1	4576248



1505	503642.54	4576403.8	1555	503003.4	4576510	1605	502167.6	4576241
1506	503642.1	4576405.9	1556	502988.3	4576502	1606	502162	4576233
1507	503641.1	4576410.7	1557	502977.1	4576497	1607	502153.8	4576231
1508	503632.02	4576418.7	1558	502969.1	4576497	1608	502147.5	4576235
1509	503621.72	4576423.2	1559	502960.5	4576500	1609	502141.4	4576240
1510	503604.13	4576427.3	1560	502952.8	4576506	1610	502128.9	4576236
1511	503580.81	4576430.4	1561	502940.4	4576512	1611	502120.7	4576229
1512	503570.38	4576427.6	1562	502927.7	4576507	1612	502110.2	4576223
1513	503560.48	4576425.2	1563	502887.5	4576493	1613	502100.4	4576214
1514	503550.26	4576422.4	1564	502876	4576489	1614	502097.8	4576211
1515	503538.74	4576417.3	1565	502865.4	4576481	1615	502086.9	4576206
1516	503531.81	4576415.9	1566	502852.8	4576472	1616	502064.8	4576199
1517	503522.54	4576416.1	1567	502839	4576465	1617	502049.3	4576201
1518	503507.97	4576417	1568	502824.7	4576462	1618	502032.6	4576207
1519	503487.35	4576426.3	1569	502787	4576460	1619	502024.2	4576205
1520	503479.94	4576437.5	1570	502723.5	4576471	1620	502017.9	4576197
1521	503475.18	4576449.3	1571	502708.9	4576471	1621	502015.5	4576188
1522	503465.15	4576457.8	1572	502687.2	4576462	1622	502011.3	4576173
1523	503450.86	4576468	1573	502670.1	4576452	1623	502007.7	4576163
1524	503424.38	4576463.6	1574	502650.8	4576430	1624	501995.7	4576149
1525	503413.41	4576462.7	1575	502639.7	4576415	1625	501973.1	4576138
1526	503384.99	4576460.2	1576	502632.3	4576404	1626	501959.6	4576134
1527	503362.76	4576460	1577	502621.4	4576395	1627	501928.9	4576112
1528	503335.31	4576464.4	1578	502603.7	4576377	1628	501907.6	4576092
1529	503315.76	4576473.3	1579	502590.9	4576375	1629	501891.7	4576077
1530	503306.56	4576479.2	1580	502584.3	4576372	1630	501870.7	4576062
1531	503293.33	4576490.1	1581	502570.5	4576366	1631	501853.4	4576048
1532	503281.58	4576509.9	1582	502550.1	4576353	1632	501829.7	4576041
1533	503274.32	4576520.5	1583	502533.4	4576343	1633	501792.2	4576046
1534	503263.56	4576523.9	1584	502523.2	4576334	1634	501783.9	4576045
1535	503246.07	4576525.7	1585	502512.4	4576323	1635	501763.4	4576053
1536	503232.58	4576525.2	1586	502499.3	4576308	1636	501752.2	4576058
1537	503212.34	4576518.8	1587	502483.6	4576297	1637	501732	4576064
1538	503204.03	4576523.8	1588	502455.3	4576283	1638	501718.2	4576067
1539	503197.64	4576527.1	1589	502420.4	4576269	1639	501701.4	4576060
1540	503189.14	4576529.3	1590	502384.8	4576259	1640	501683.4	4576054
1541	503180.23	4576530.7	1591	502363.3	4576260	1641	501666	4576050
1542	503173.03	4576530.6	1592	502332.7	4576266	1642	501639.5	4576051
1543	503160.55	4576529.6	1593	502322.4	4576268	1643	501613.7	4576045
1544	503149.97	4576529.3	1594	502312	4576262	1644	501569.7	4576047
1545	503134.27	4576531.9	1595	502299.7	4576260	1645	501549.9	4576045
1546	503117.29	4576534.8	1596	502286.2	4576256	1646	501528.1	4576040
1547	503103.28	4576538.3	1597	502272	4576253	1647	501512.7	4576030
1548	503094.48	4576540.8	1598	502256.1	4576251	1648	501495.9	4576012
1549	503051.94	4576547	1599	502236	4576249	1649	501484.5	4575996
1550	503042.32	4576548.9	1600	502221.7	4576251	1650	501474.1	4575968



1651	501462.41	4575952.4	1701	500599.7	4575591	1751	499945.6	4574972
1652	501443.76	4575951.4	1702	500591.3	4575575	1752	499945.6	4574916
1653	501430.27	4575950.8	1703	500581.5	4575563	1753	499955.1	4574870
1654	501421.57	4575947.6	1704	500569.7	4575552	1754	499964.2	4574839
1655	501400.97	4575943.8	1705	500557.3	4575541	1755	499972.4	4574818
1656	501375.07	4575938.6	1706	500548.8	4575533	1756	499984.5	4574803
1657	501362.36	4575939.3	1707	500543.6	4575521	1757	499993.4	4574784
1658	501352.92	4575944.8	1708	500542.5	4575507	1758	500003.3	4574756
1659	501332.61	4575950.1	1709	500547.9	4575492	1759	500005.1	4574733
1660	501325.48	4575948.4	1710	500527.6	4575468	1760	500005.3	4574715
1661	501309.66	4575943.1	1711	500517.8	4575461	1761	500008	4574692
1662	501292.92	4575937.1	1712	500498.7	4575461	1762	500013.8	4574673
1663	501270.52	4575929.2	1713	500490.8	4575454	1763	500019	4574634
1664	501259.01	4575928.2	1714	500469.9	4575426	1764	500029.1	4574584
1665	501248.25	4575929	1715	500457.5	4575407	1765	500027.7	4574566
1666	501190.04	4575918.7	1716	500446.5	4575396	1766	500013.6	4574546
1667	501167.9	4575910.9	1717	500421.8	4575377	1767	500013	4574535
1668	501140.6	4575902.2	1718	500400.8	4575360	1768	500010.8	4574478
1669	501116.11	4575891.2	1719	500390.4	4575349	1769	500005.8	4574448
1670	501101.17	4575889.8	1720	500379.3	4575346	1770	500005	4574405
1671	501090.02	4575893.4	1721	500360.9	4575349	1771	500003.3	4574379
1672	501076.69	4575901.7	1722	500352.9	4575353	1772	499999.7	4574348
1673	501066.64	4575901	1723	500336.1	4575358	1773	499998.8	4574315
1674	501043.41	4575895.5	1724	500321	4575363	1774	499997.7	4574289
1675	501019.67	4575888.3	1725	500303.9	4575367	1775	499993.9	4574274
1676	500988.48	4575884.2	1726	500273.4	4575362	1776	499983.7	4574248
1677	500957.26	4575883.4	1727	500221.2	4575356	1777	499981.9	4574224
1678	500932.44	4575877.8	1728	500206.1	4575353	1778	499982.1	4574209
1679	500908.79	4575863.2	1729	500201.4	4575350	1779	499988.3	4574189
1680	500892.02	4575848.7	1730	500181	4575325	1780	499997.3	4574156
1681	500873.08	4575838.4	1731	500174.1	4575310	1781	500014.2	4574126
1682	500858.34	4575831.4	1732	500169.5	4575296	1782	500013.1	4574102
1683	500830.92	4575821.6	1733	500167.2	4575283	1783	500009.9	4574093
1684	500824.11	4575815.6	1734	500165	4575267	1784	500005.4	4574084
1685	500816.85	4575802.9	1735	500162.1	4575246	1785	499996.9	4574078
1686	500806.41	4575789.5	1736	500137.7	4575223	1786	499986.3	4574075
1687	500796.95	4575784.1	1737	500100.7	4575195	1787	499970.5	4574066
1688	500781.12	4575779.7	1738	500051.8	4575172	1788	499966	4574057
1689	500766.3	4575779	1739	500020.1	4575167	1789	499958.3	4574038
1690	500749.93	4575775.6	1740	499996.2	4575171	1790	499961.8	4574018
1691	500739.89	4575773.9	1741	499981.2	4575164	1791	499966.3	4573970
1692	500732.54	4575769.1	1742	499971	4575151	1792	499980.6	4573923
1693	500707.31	4575752.9	1743	499962.3	4575085	1793	499970.7	4573902
1694	500688.43	4575737.9	1744	499963.7	4575070	1794	499955.8	4573871
1695	500670.23	4575709.6	1745	499959.8	4575062	1795	499941.6	4573843
1696	500648.24	4575687.3	1746	499954.6	4575048	1796	499922.7	4573822



1697	500623.22	4575676.4	1747	499949.5	4575036	1797	499913.7	4573799
1698	500612.11	4575664.4	1748	499943	4575024	1798	499911.3	4573776
1699	500608.33	4575647.8	1749	499941.1	4575016	1799	499914.2	4573753
1700	500603.48	4575609.4	1750	499941.9	4575002	1800	499912.4	4573740
1801	499901.25	4573727.8	1851	499841.9	4572610	1901	499375	4571177
1802	499892.84	4573711.3	1852	499833.1	4572552	1902	499360.1	4571150
1803	499879.73	4573677	1853	499814.3	4572528	1903	499331.8	4571123
1804	499880.23	4573634.1	1854	499789.9	4572511	1904	499321.3	4571112
1805	499894.3	4573584.3	1855	499770.8	4572510	1905	499307.1	4571102
1806	499902	4573535.9	1856	499743.8	4572509	1906	499288.1	4571101
1807	499900.55	4573524	1857	499697.2	4572490	1907	499274.3	4571103
1808	499903.11	4573508.9	1858	499671	4572470	1908	499255.6	4571116
1809	499921.73	4573477.4	1859	499652.7	4572445	1909	499236.5	4571123
1810	499948.33	4573443.5	1860	499646.4	4572415	1910	499223.8	4571124
1811	499958.13	4573419.8	1861	499642.6	4572402	1911	499211.7	4571118
1812	499961.65	4573389.7	1862	499632.1	4572394	1912	499199.6	4571106
1813	499973.75	4573373.2	1863	499613.8	4572375	1913	499174.7	4571096
1814	499973.95	4573356.5	1864	499577	4572352	1914	499092.2	4571079
1815	499982.97	4573331.2	1865	499537.7	4572319	1915	499050	4571066
1816	499996.53	4573297.7	1866	499527.4	4572296	1916	498992.1	4571038
1817	500012.74	4573268.5	1867	499510.7	4572248	1917	498946.6	4571025
1818	500047.42	4573222.1	1868	499489.8	4572228	1918	498914.2	4571017
1819	500064.35	4573200.1	1869	499465.1	4572190	1919	498889.8	4571010
1820	500096.42	4573173.4	1870	499453.7	4572146	1920	498874.7	4571004
1821	500116.53	4573150.6	1871	499448.8	4572096	1921	498863.6	4570988
1822	500123.14	4573128.5	1872	499437.3	4572056	1922	498843	4570940
1823	500119.42	4573107	1873	499427	4572027	1923	498820.6	4570847
1824	500099.26	4573053.3	1874	499412.9	4571991	1924	498814.6	4570814
1825	500092.62	4573043.7	1875	499406.5	4571968	1925	498814.8	4570798
1826	500070.72	4573015.2	1876	499408.2	4571943	1926	498819.1	4570774
1827	500061.36	4573000.4	1877	499416.4	4571918	1927	498824.8	4570762
1828	500057.6	4572981.7	1878	499427.2	4571897	1928	498845.8	4570724
1829	500057.02	4572963.5	1879	499447.5	4571857	1929	498874.8	4570690
1830	500045.43	4572935.5	1880	499451.9	4571822	1930	498882.2	4570673
1831	500041.26	4572904.5	1881	499459.4	4571744	1931	498892.6	4570660
1832	500037.23	4572886.5	1882	499458.4	4571716	1932	498917.6	4570632
1833	500035.34	4572866.9	1883	499452.1	4571687	1933	498917.9	4570625
1834	500023.94	4572846.1	1884	499447.2	4571659	1934	498909.1	4570606
1835	500016.79	4572823.8	1885	499431.6	4571632	1935	498894.9	4570585
1836	500010.27	4572792.5	1886	499417.4	4571604	1936	498887.1	4570573
1837	499999.87	4572770	1887	499405.8	4571570	1937	498878.7	4570560
1838	499993.34	4572750.5	1888	499404.9	4571539	1938	498871	4570540
1839	499989.83	4572739.7	1889	499409.2	4571512	1939	498860.2	4570515
1840	499970.88	4572720.7	1890	499414.8	4571485	1940	498849.4	4570488
1841	499957.54	4572707	1891	499421.6	4571465	1941	498832.1	4570440
1842	499937.03	4572694.9	1892	499428.4	4571448	1942	498834.9	4570427



1843	499923.6	4572689.2	1893	499428.5	4571439	1943	498833.4	4570416
1844	499910.89	4572689.8	1894	499420.8	4571422	1944	498829.6	4570403
1845	499898.14	4572693.6	1895	499395.7	4571412	1945	498824.8	4570391
1846	499882.26	4572693.5	1896	499377.5	4571391	1946	498817.9	4570384
1847	499864.82	4572690.9	1897	499383	4571368	1947	498811.4	4570378
1848	499852.29	4572675.7	1898	499370.6	4571301	1948	498801.1	4570378
1849	499850.06	4572662.9	1899	499396	4571252	1949	498795.8	4570376
1850	499850.29	4572642.3	1900	499394.1	4571239	1950	498782.1	4570378
1951	498768.1	4570384	2001	498216.8	4569724	2051	497221.6	4568845
1952	498756.17	4570385.8	2002	498219	4569703	2052	497185.6	4568764
1953	498736.34	4570383.6	2003	498180.9	4569668	2053	497139.8	4568635
1954	498717.94	4570372.1	2004	498132	4569637	2054	497107.2	4568493
1955	498710.12	4570362.1	2005	498116	4569618	2055	497099.4	4568441
1956	498706.99	4570346.9	2006	498090	4569578	2056	497093.6	4568345
1957	498702.67	4570319.7	2007	498081.5	4569564	2057	497104.2	4568284
1958	498692.43	4570289.1	2008	498077	4569555	2058	497102.4	4568261
1959	498686.05	4570233.3	2009	498067.9	4569544	2059	497091	4568235
1960	498666.57	4570225.2	2010	498057.5	4569529	2060	497093.7	4568208
1961	498656.43	4570209.2	2011	498050.4	4569512	2061	497075.9	4568205
1962	498649.05	4570194.8	2012	498047.9	4569501	2062	497039.2	4568193
1963	498642.47	4570180.5	2013	498046	4569488	2063	497013.4	4568187
1964	498637.89	4570164.5	2014	498042.8	4569480	2064	497007.4	4568186
1965	498634.88	4570149.8	2015	498034.3	4569470	2065	496969	4568185
1966	498632.65	4570136.3	2016	498031.1	4569459	2066	496851.2	4568199
1967	498626.86	4570122.3	2017	498025.3	4569446	2067	496745.6	4568197
1968	498612.39	4570103.1	2018	498017.5	4569435	2068	496617.5	4568181
1969	498598.66	4570088.6	2019	498015	4569424	2069	496568.2	4568185
1970	498588.48	4570076.6	2020	498017.9	4569407	2070	496550	4568187
1971	498582.65	4570065	2021	498024	4569393	2071	496521	4568189
1972	498579.19	4570055.1	2022	498035.3	4569384	2072	496511.6	4568189
1973	498572.81	4570023.5	2023	498036.1	4569374	2073	496496.1	4568192
1974	498567.2	4570004.9	2024	498034.2	4569364	2074	496475.8	4568196
1975	498558.91	4569988.9	2025	498029.7	4569355	2075	496445.2	4568210
1976	498552.77	4569970.9	2026	498028.5	4569345	2076	496420.5	4568232
1977	498545.57	4569952.3	2027	498023.2	4569343	2077	496372.9	4568276
1978	498540.46	4569936.9	2028	498015.2	4569352	2078	496327.7	4568308
1979	498541.63	4569926.8	2029	498011.1	4569365	2079	496300.5	4568328
1980	498538.04	4569916.7	2030	498008.5	4569381	2080	496274.2	4568341
1981	498525.53	4569900.2	2031	498003.5	4569401	2081	496246.8	4568352
1982	498517.49	4569883.3	2032	497993.1	4569411	2082	496221.7	4568358
1983	498512.3	4569882.4	2033	497988.2	4569421	2083	496219.1	4568358
1984	498508.05	4569880.9	2034	497988	4569436	2084	496204.9	4568362
1985	498487.27	4569871.4	2035	497986.3	4569450	2085	496137.2	4568382
1986	498459.24	4569864.5	2036	497977.5	4569459	2086	496114.8	4568388
1987	498412.27	4569851.7	2037	497961.4	4569474	2087	496077.4	4568403
1988	498376.33	4569847.1	2038	497954	4569490	2088	496045.5	4568416



1989	498342.55	4569838.2	2039	497940.3	4569517	2089	495998.9	4568443
1990	498321.51	4569826.3	2040	497920	4569551	2090	495982.6	4568452
1991	498308.39	4569816.7	2041	497836.1	4569455	2091	495967.6	4568463
1992	498293.67	4569807.5	2042	497775.8	4569379	2092	495960.4	4568467
1993	498282.64	4569800	2043	497727.4	4569314	2093	495952	4568471
1994	498267.36	4569794	2044	497669.2	4569262	2094	495935.7	4568481
1995	498255.22	4569791.2	2045	497586	4569183	2095	495925	4568491
1996	498237.8	4569786.7	2046	497518.2	4569141	2096	495914.4	4568508
1997	498223.05	4569780.2	2047	497451.8	4569117	2097	495905.1	4568523
1998	498211.56	4569766.8	2048	497412.6	4569107	2098	495902	4568535
1999	498203.25	4569753	2049	497351.5	4569053	2099	495894.3	4568553
2000	498204.98	4569740.8	2050	497292.2	4568979	2100	495881.4	4568560
2101	495870.33	4568556.1	2151	495599.7	4569616	2201	495647.6	4570487
2102	495860.1	4568548.8	2152	495622.6	4569632	2202	495654.6	4570486
2103	495847.49	4568539.9	2153	495630.2	4569656	2203	495663.1	4570485
2104	495834.85	4568534.2	2154	495637.1	4569679	2204	495672	4570489
2105	495820.63	4568528.5	2155	495638.5	4569698	2205	495678.8	4570492
2106	495808.75	4568525.2	2156	495639.1	4569717	2206	495682.9	4570497
2107	495795.98	4568531.4	2157	495640.4	4569736	2207	495684.5	4570502
2108	495791.05	4568545.6	2158	495637.8	4569754	2208	495683.1	4570508
2109	495793.2	4568565.5	2159	495637.6	4569775	2209	495678	4570513
2110	495796.11	4568588.6	2160	495639	4569789	2210	495671.3	4570520
2111	495792.65	4568613.9	2161	495665.1	4569804	2211	495663.5	4570529
2112	495791.6	4568635.4	2162	495686.5	4569806	2212	495651.5	4570536
2113	495789.72	4568661.5	2163	495699.8	4569818	2213	495645.6	4570544
2114	495791.89	4568679.8	2164	495705.2	4569831	2214	495639.1	4570554
2115	495786.85	4568703.6	2165	495705	4569850	2215	495633.1	4570563
2116	495783.79	4568711.9	2166	495704.2	4569865	2216	495628.6	4570571
2117	495774.56	4568736.8	2167	495703.2	4569872	2217	495623.7	4570575
2118	495770.32	4568759.8	2168	495704.6	4569889	2218	495617.8	4570578
2119	495770.09	4568779.6	2169	495706	4569907	2219	495614	4570582
2120	495765.22	4568812.1	2170	495706.6	4569918	2220	495608.3	4570593
2121	495766.58	4568832	2171	495713.7	4569928	2221	495604.3	4570600
2122	495756	4568854.1	2172	495729.1	4569968	2222	495598.1	4570610
2123	495739.16	4568868.2	2173	495711.5	4570008	2223	495593.2	4570618
2124	495731.85	4568883.2	2174	495671.6	4570045	2224	495587	4570628
2125	495731.62	4568903.1	2175	495578.2	4570062	2225	495582.9	4570639
2126	495736.96	4568922.2	2176	495549.5	4570179	2226	495576.4	4570652
2127	495744.61	4568946.9	2177	495562	4570217	2227	495572	4570660
2128	495739.56	4568971.4	2178	495538.4	4570233	2228	495570.9	4570666
2129	495722.62	4568995.1	2179	495524.8	4570241	2229	495572.3	4570673
2130	495703.38	4569010.7	2180	495520	4570245	2230	495573.5	4570679
2131	495682.58	4569024	2181	495524.4	4570252	2231	495577.4	4570686
2132	495666.5	4569041.3	2182	495561	4570337	2232	495594.2	4570699
2133	495660.69	4569063.4	2183	495563	4570341	2233	495607.1	4570716
2134	495659.19	4569101.5	2184	495563.4	4570351	2234	495615	4570725



2135	495667.71	4569142.9	2185	495564.7	4570362	2235	495619.1	4570736
2136	495675.28	4569175.3	2186	495569.5	4570371	2236	495620.3	4570744
2137	495674.51	4569196.5	2187	495572	4570376	2237	495619.4	4570751
2138	495678.54	4569214.5	2188	495571.8	4570383	2238	495617	4570759
2139	495688.79	4569243.2	2189	495571.8	4570395	2239	495616.5	4570769
2140	495692.17	4569271.8	2190	495571.9	4570401	2240	495617.9	4570775
2141	495688.45	4569303.8	2191	495574	4570406	2241	495619.5	4570785
2142	495688.22	4569323.4	2192	495581.4	4570415	2242	495619.6	4570788
2143	495688.02	4569341.4	2193	495583.8	4570419	2243	495619.3	4570793
2144	495679.69	4569375.1	2194	495586.2	4570429	2244	495618.2	4570798
2145	495665.96	4569425.7	2195	495587.7	4570434	2245	495617.5	4570804
2146	495664.21	4569432.1	2196	495593.5	4570444	2246	495616.5	4570812
2147	495661.76	4569461.2	2197	495597.9	4570454	2247	495616.1	4570827
2148	495651.58	4569526.3	2198	495610.2	4570466	2248	495620.6	4570846
2149	495637	4569551.6	2199	495624.3	4570477	2249	495624.4	4570853
2150	495602.29	4569601.2	2200	495639.8	4570484	2250	495630.3	4570861
2251	495639.15	4570870.4	2301	495684.5	4571298	2351	495534.1	4571816
2252	495646.79	4570879	2302	495681.3	4571306	2352	495534.2	4571819
2253	495654.24	4570883.7	2303	495673.2	4571342	2353	495535.1	4571822
2254	495668.05	4570887.7	2304	495662.3	4571385	2354	495535.5	4571826
2255	495687.17	4570888	2305	495662.3	4571392	2355	495536	4571831
2256	495697.85	4570886.2	2306	495658.9	4571404	2356	495535.7	4571836
2257	495705.05	4570885.7	2307	495655.1	4571420	2357	495534.9	4571841
2258	495708.45	4570886.8	2308	495654.6	4571427	2358	495533.6	4571847
2259	495713.84	4570890.6	2309	495656.4	4571434	2359	495531.6	4571853
2260	495716.39	4570893.4	2310	495658.9	4571446	2360	495530.3	4571857
2261	495717.84	4570896.4	2311	495658.4	4571451	2361	495527.6	4571860
2262	495720.52	4570902.6	2312	495657.6	4571454	2362	495522	4571864
2263	495719.59	4570909.1	2313	495654.5	4571461	2363	495517.6	4571868
2264	495715.68	4570918.2	2314	495654.3	4571466	2364	495516.3	4571871
2265	495712.14	4570931.3	2315	495653.6	4571472	2365	495514.7	4571876
2266	495709.92	4570940.3	2316	495654.6	4571476	2366	495512.7	4571880
2267	495710.7	4570946.5	2317	495655.6	4571481	2367	495509.9	4571883
2268	495714.22	4570952.9	2318	495655.3	4571489	2368	495504.9	4571888
2269	495722.79	4570963.8	2319	495655.3	4571505	2369	495500.6	4571894
2270	495725.62	4570971	2320	495653.6	4571523	2370	495497.8	4571899
2271	495726.85	4570979.2	2321	495654	4571532	2371	495495.3	4571905
2272	495728.33	4570988.8	2322	495655	4571538	2372	495493.3	4571912
2273	495726.61	4570999.9	2323	495653	4571546	2373	495490.3	4571925
2274	495723.76	4571017.6	2324	495648.1	4571560	2374	495487.9	4571938
2275	495722.33	4571027.3	2325	495633.6	4571592	2375	495486.9	4571946
2276	495720.36	4571037.4	2326	495630.3	4571600	2376	495486.6	4571955
2277	495717.37	4571044.5	2327	495619.6	4571613	2377	495487.2	4571962
2278	495712.52	4571051.6	2328	495616.1	4571622	2378	495489	4571969
2279	495704.46	4571062	2329	495612	4571634	2379	495492	4571979
2280	495698.5	4571074.1	2330	495603.3	4571654	2380	495492.6	4571987



2281	495694.63	4571088.9	2331	495591.3	4571679	2381	495492.7	4571994
2282	495693.46	4571099	2332	495581.4	4571690	2382	495490.9	4572003
2283	495694.43	4571105.8	2333	495576.6	4571697	2383	495488.2	4572011
2284	495698.07	4571111.7	2334	495569.9	4571700	2384	495485.1	4572018
2285	495701.69	4571119.4	2335	495554.8	4571704	2385	495479.8	4572029
2286	495702.42	4571125	2336	495547.1	4571708	2386	495478.1	4572035
2287	495702.15	4571134.5	2337	495541.7	4571716	2387	495477	4572041
2288	495700.58	4571142.3	2338	495532.8	4571728	2388	495476.2	4572056
2289	495698.53	4571155	2339	495530.8	4571733	2389	495476.1	4572066
2290	495697.77	4571165.8	2340	495530.7	4571739	2390	495474.3	4572072
2291	495698.88	4571179.7	2341	495531.3	4571746	2391	495469.7	4572083
2292	495697.26	4571191.4	2342	495532.7	4571752	2392	495464.5	4572092
2293	495693.21	4571206.3	2343	495533.9	4571757	2393	495457.8	4572110
2294	495689.48	4571217.9	2344	495533	4571764	2394	495456.4	4572116
2295	495685.91	4571234.3	2345	495532.9	4571771	2395	495455.5	4572127
2296	495683.53	4571257.2	2346	495534.3	4571779	2396	495456.2	4572138
2297	495684.22	4571270.3	2347	495536	4571790	2397	495455.7	4572149
2298	495687.32	4571277.3	2348	495536.8	4571798	2398	495454.5	4572159
2299	495687.87	4571284.1	2349	495536	4571802	2399	495453.8	4572163
2300	495687.6	4571289.6	2350	495534.7	4571808	2400	495454.2	4572167
2401	495455.46	4572172.8	2451	495231	4572514	2501	494927.1	4573119
2402	495456.23	4572181.1	2452	495223.7	4572524	2502	494920.3	4573126
2403	495457.6	4572186.5	2453	495216.8	4572531	2503	494913.7	4573140
2404	495458.95	4572193.2	2454	495209.8	4572535	2504	494915.1	4573147
2405	495459.2	4572199	2455	495193	4572547	2505	494916.9	4573152
2406	495458.36	4572203.5	2456	495184.9	4572553	2506	494919.2	4573156
2407	495455.24	4572212.3	2457	495197.1	4572556	2507	494929.7	4573168
2408	495450.66	4572223.9	2458	495215.5	4572564	2508	494946	4573186
2409	495447.56	4572230.8	2459	495218	4572577	2509	494951.7	4573193
2410	495446.6	4572239.8	2460	495221.1	4572585	2510	494952.9	4573196
2411	495445.55	4572246.7	2461	495231.2	4572585	2511	494953.7	4573199
2412	495443.43	4572255.9	2462	495239.6	4572591	2512	494954.1	4573205
2413	495442.49	4572259.4	2463	495244.2	4572602	2513	494954.1	4573216
2414	495440.53	4572265.2	2464	495243.5	4572620	2514	494952.6	4573242
2415	495439.36	4572267.7	2465	495244.5	4572626	2515	494950.5	4573257
2416	495435.17	4572274.8	2466	495261.9	4572626	2516	494948.8	4573261
2417	495427.42	4572286.2	2467	495267.7	4572633	2517	494947.4	4573264
2418	495419.05	4572296.2	2468	495266	4572642	2518	494945.5	4573266
2419	495409.83	4572306.9	2469	495255.2	4572655	2519	494941.2	4573268
2420	495406.81	4572311.8	2470	495252.9	4572677	2520	494932.6	4573270
2421	495403.98	4572318.7	2471	495252.2	4572690	2521	494921.8	4573274
2422	495398.83	4572324.6	2472	495244.1	4572705	2522	494912.8	4573280
2423	495391.31	4572328.5	2473	495246.6	4572719	2523	494907.4	4573285
2424	495382.57	4572334.3	2474	495252.7	4572735	2524	494899	4573297
2425	495362.96	4572346.4	2475	495252.4	4572762	2525	494889.2	4573309
2426	495354.62	4572353	2476	495244.6	4572796	2526	494884.2	4573315



2427	495345.19	4572363.9	2477	495237.5	4572818	2527	494882.3	4573320
2428	495340.44	4572372.1	2478	495230.9	4572835	2528	494881.5	4573323
2429	495337.99	4572382.3	2479	495215	4572836	2529	494882	4573328
2430	495336.31	4572389.6	2480	495200.2	4572836	2530	494883.4	4573337
2431	495329.62	4572400.8	2481	495192.4	4572855	2531	494883.9	4573346
2432	495316.7	4572419.9	2482	495188.9	4572884	2532	494884.4	4573366
2433	495312.82	4572426.6	2483	495187.1	4572898	2533	494884.2	4573387
2434	495309.99	4572432.7	2484	495174.8	4572913	2534	494885.2	4573401
2435	495307.17	4572439	2485	495160.2	4572936	2535	494886.7	4573413
2436	495304.57	4572443.9	2486	495140.3	4572965	2536	494887.7	4573419
2437	495300.09	4572447.2	2487	495125.3	4572982	2537	494889.8	4573426
2438	495296.66	4572450.8	2488	495107.6	4572997	2538	494893.2	4573440
2439	495294.49	4572455.4	2489	495093.1	4573013	2539	494894.1	4573451
2440	495291.24	4572463	2490	495077.7	4573020	2540	494894.9	4573469
2441	495286.05	4572472.7	2491	495061.7	4573027	2541	494895.7	4573488
2442	495280.25	4572480.5	2492	495046.5	4573020	2542	494895.1	4573499
2443	495276.38	4572485.3	2493	495030	4573026	2543	494893.2	4573511
2444	495270.64	4572487.6	2494	495017.7	4573038	2544	494890.2	4573527
2445	495263.02	4572488.1	2495	495002.7	4573048	2545	494885.2	4573543
2446	495256.01	4572489.7	2496	494990.5	4573050	2546	494881.8	4573553
2447	495250.48	4572492.4	2497	494976	4573067	2547	494873.3	4573577
2448	495245.14	4572496.4	2498	494958.3	4573097	2548	494861.1	4573608
2449	495240.66	4572499.7	2499	494950.1	4573109	2549	494857.1	4573622
2450	495237.2	4572505.8	2500	494937.8	4573115	2550	494854.4	4573636
2551	494853.12	4573643	2601	494761.4	4574094	2651	494429.2	4574753
2552	494850.04	4573657.7	2602	494759.6	4574101	2652	494425	4574761
2553	494847.99	4573663.7	2603	494755.5	4574116	2653	494420.5	4574771
2554	494844.89	4573668.6	2604	494737.8	4574163	2654	494415.9	4574785
2555	494839.8	4573673.7	2605	494714.4	4574220	2655	494412.7	4574800
2556	494835.58	4573676.9	2606	494701	4574254	2656	494410.4	4574818
2557	494824.92	4573683.4	2607	494692.8	4574278	2657	494407.6	4574837
2558	494809.37	4573692.2	2608	494688.7	4574288	2658	494402.5	4574856
2559	494802	4573698.2	2609	494680.6	4574303	2659	494396.1	4574880
2560	494796.07	4573703.9	2610	494670.1	4574319	2660	494389.3	4574900
2561	494791.57	4573708.3	2611	494649.7	4574345	2661	494378.4	4574925
2562	494787.05	4573714.9	2612	494639.2	4574363	2662	494374.8	4574928
2563	494783.47	4573722.5	2613	494629.9	4574389	2663	494385	4574933
2564	494779.85	4573733.4	2614	494626.4	4574402	2664	494433.2	4574934
2565	494773.33	4573762.7	2615	494623.3	4574413	2665	494436.8	4574944
2566	494769.81	4573782.3	2616	494621.5	4574430	2666	494446.3	4574947
2567	494762.7	4573811.2	2617	494618.4	4574446	2667	494448.6	4574977
2568	494755.91	4573849	2618	494611.9	4574460	2668	494448.5	4575029
2569	494756.5	4573853	2619	494606.1	4574471	2669	494436.9	4575071
2570	494758.57	4573857.3	2620	494603.9	4574478	2670	494433.6	4575083
2571	494762.77	4573860.3	2621	494602.9	4574489	2671	494413.5	4575082
2572	494768.91	4573860.2	2622	494602.2	4574497	2672	494396.1	4575126



2573	494774.44	4573857.5	2623	494599.7	4574505	2673	494353.2	4575121
2574	494781.64	4573857.1	2624	494589.4	4574523	2674	494334.1	4575124
2575	494788.82	4573858.7	2625	494575.5	4574546	2675	494316.5	4575156
2576	494796.62	4573862	2626	494571	4574552	2676	494323.2	4575182
2577	494801.44	4573866	2627	494566.7	4574555	2677	494327.4	4575204
2578	494804.35	4573870.5	2628	494563.2	4574557	2678	494319.7	4575212
2579	494805.77	4573875.6	2629	494554.8	4574559	2679	494311.1	4575237
2580	494803.41	4573902.8	2630	494537.2	4574563	2680	494300.9	4575295
2581	494801.86	4573918.5	2631	494519.9	4574565	2681	494273.5	4575306
2582	494794.29	4573968.2	2632	494514.5	4574568	2682	494252.5	4575306
2583	494793.73	4573969.7	2633	494512.5	4574571	2683	494242.4	4575301
2584	494791.96	4573972.7	2634	494510.9	4574575	2684	494231	4575298
2585	494790.45	4573974	2635	494507.9	4574587	2685	494207.5	4575300
2586	494783.55	4573977.9	2636	494504.5	4574603	2686	494192.3	4575292
2587	494775.88	4573983.3	2637	494501.6	4574613	2687	494184.8	4575287
2588	494767.97	4573989.5	2638	494494.1	4574636	2688	494177.4	4575267
2589	494766.92	4573990.5	2639	494486.7	4574653	2689	494166.6	4575263
2590	494761.33	4573996.8	2640	494479.8	4574671	2690	494157	4575272
2591	494759.98	4573998.8	2641	494478.5	4574674	2691	494134.1	4575330
2592	494758.33	4574002.4	2642	494474.2	4574684	2692	494114.5	4575325
2593	494756.78	4574009.7	2643	494463.9	4574706	2693	494100.5	4575322
2594	494756	4574015.9	2644	494455.2	4574721	2694	494095.1	4575334
2595	494753.27	4574051.3	2645	494453.6	4574724	2695	494089.9	4575341
2596	494753.86	4574057.7	2646	494450.9	4574727	2696	494085.3	4575346
2597	494756.08	4574066	2647	494447.8	4574730	2697	494081.2	4575350
2598	494759.31	4574073	2648	494446.3	4574732	2698	494077.5	4575353
2599	494760.9	4574078.3	2649	494439.7	4574739	2699	494069.4	4575363
2600	494761.15	4574085.6	2650	494434.8	4574745	2700	494056.3	4575380
2701	494142.75	4575400.7	2751	494066.5	4576067	2801	493461.6	4576305
2702	494147.93	4575410.8	2752	493986.6	4576108	2802	493443.5	4576323
2703	494159.98	4575421.5	2753	493957.7	4576135	2803	493426.2	4576343
2704	494170.43	4575433.3	2754	493932.9	4576139	2804	493396.4	4576375
2705	494172.67	4575469.3	2755	493922.8	4576130	2805	493376.4	4576390
2706	494162.82	4575497.3	2756	493906.5	4576116	2806	493367.4	4576400
2707	494117.06	4575562.9	2757	493895.1	4576112	2807	493363	4576407
2708	494112.07	4575583	2758	493885.6	4576111	2808	493357	4576414
2709	494120.35	4575598.9	2759	493872.2	4576118	2809	493339.4	4576428
2710	494121.2	4575617.5	2760	493860	4576125	2810	493326.1	4576436
2711	494122.09	4575632.3	2761	493847.9	4576131	2811	493313.9	4576440
2712	494126.22	4575640.8	2762	493837.1	4576130	2812	493294.2	4576443
2713	494135.1	4575651	2763	493834	4576123	2813	493278.6	4576448
2714	494142.44	4575657.4	2764	493843.1	4576100	2814	493267	4576452
2715	494158.27	4575661.8	2765	493844.6	4576087	2815	493234.3	4576465
2716	494166.17	4575665.6	2766	493838.9	4576083	2816	493231.2	4576467
2717	494175.03	4575677.9	2767	493826.1	4576087	2817	493201.6	4576482
2718	494179.09	4575692.7	2768	493765.4	4576121	2818	493218.1	4576521



2719	494176.24	4575710.7	2769	493712.3	4576155	2819	493226.1	4576567
2720	494180.78	4575729.8	2770	493676.5	4576174	2820	493219.3	4576599
2721	494189.98	4575758	2771	493659.8	4576185	2821	493194.1	4576588
2722	494201.48	4575770.8	2772	493645.1	4576188	2822	493167.1	4576535
2723	494218.18	4575792.2	2773	493635	4576184	2823	493122.6	4576539
2724	494229.64	4575807.7	2774	493639.6	4576171	2824	493103.1	4576579
2725	494234.26	4575820.4	2775	493653.3	4576139	2825	493064.5	4576618
2726	494239.92	4575831.7	2776	493658.6	4576123	2826	493051.4	4576654
2727	494261.43	4575851.4	2777	493654.2	4576115	2827	493036.2	4576692
2728	494275.84	4575887.6	2778	493638.4	4576114	2828	492984.7	4576754
2729	494274.1	4575900.3	2779	493613.6	4576116	2829	492972.6	4576769
2730	494267.09	4575911.3	2780	493597	4576121	2830	492967.6	4576776
2731	494262.19	4575922.9	2781	493585.5	4576123	2831	492948.7	4576801
2732	494269.5	4575932	2782	493576.7	4576116	2832	492934.3	4576823
2733	494289.53	4575939.1	2783	493564.3	4576109	2833	492924.8	4576838
2734	494304.34	4575940.3	2784	493562.9	4576120	2834	492907.3	4576855
2735	494307.97	4575946.7	2785	493558.4	4576139	2835	492882.9	4576877
2736	494306.77	4575959.4	2786	493556.1	4576151	2836	492863.8	4576890
2737	494299.22	4575971.5	2787	493552.8	4576160	2837	492847.4	4576899
2738	494284.35	4575991.9	2788	493548.3	4576169	2838	492829.1	4576907
2739	494277.64	4575999.1	2789	493540.3	4576183	2839	492812.7	4576915
2740	494289.04	4576008.5	2790	493529.3	4576199	2840	492806.3	4576922
2741	494294.53	4576027.8	2791	493521.9	4576213	2841	492793.9	4576934
2742	494292.84	4576059.5	2792	493511	4576229	2842	492780.5	4576955
2743	494277.42	4576104.1	2793	493503.6	4576239	2843	492768.5	4576978
2744	494262.98	4576122.8	2794	493498	4576247	2844	492766.6	4576983
2745	494238.04	4576127.8	2795	493496	4576251	2845	492766.8	4576989
2746	494225.42	4576120.8	2796	493492.1	4576260	2846	492769.3	4576998
2747	494207.58	4576115.8	2797	493488.8	4576271	2847	492771.6	4577007
2748	494204.14	4576083.4	2798	493486.3	4576280	2848	492771.2	4577014
2749	494186.46	4576074.3	2799	493482	4576287	2849	492769	4577025
2750	494167.44	4576071.5	2800	493472.6	4576296	2850	492749.7	4577069
2851	492726.1	4577118.3						
2852	492714.12	4577143.2						
2853	492712.26	4577145.6						
2854	492701.87	4577158.9						
2855	492683.31	4577185.7						
2856	492673.2	4577202.2						
2857	492667.55	4577210.5						
2858	492657.12	4577219.5						
2859	492611.55	4577248.3						
2860	492584.33	4577268.7						
2861	492575.1	4577277.3						
2862	492555.75	4577303.3						
2863	492540.67	4577320						
2864	492526.98	4577331.7						



2865	492505.98	4577346.1
2866	492494.63	4577355.2
2867	492478.26	4577369.2
2868	492432.45	4577412.7
2869	492384.84	4577464.3
2870	492376.06	4577469.2
2871	492367.82	4577472
2872	492359.86	4577474
2873	492349.81	4577474.2
2874	492334.96	4577476.7
2875	492325.13	4577480
2876	492312.61	4577487.5
2877	492299.72	4577498.3
2878	492279.59	4577534.8
2879	492254.78	4577556.5
2880	492224.47	4577576.7
2881	492219.48	4577580.5



Aneksi nr. 6

PARKU KOMBËTAR “LURË – MALI I DEJËS”

Zona brenda këtij ekosistemit natyror përfshin sipërfaqe me pyje, bujqësore, shkurre, sipërfaqe me vegetacion të pakët, dhe bimësi barishtore. Mbulesa e tokës brenda sipërfaqes së Parkut Kombëtar “Lurë – Mali i Dejës”, jepet në Tabelën 1 të këtij vendimi, si më poshtë vijon:

Tabela 1. Sipërfaqja e PK-së, e përshkruar sipas mbulesës.

Mbulesa	Sip. në ha	Përqindja
Pyje	6948.3	36.022
Sipërfaqe heterogjene bujqësore	366.7	1.901
Sipërfaqe me vegetacion të pakët	1045.28	5.419
Shkurre & Bimësi barishtore	10827.62	56.134
Urbane	100.98	0.524
Total	19288.88	100

Ekosistemi natyror “Lurë – Mali i Dejës”, shpallur “Parku Kombëtar” ndahet në tre nënzona ruajtjeje e administrimi, si më poshtë vijon:

a) Nënzona Qendrore, me sipërfaqe 2919.86 (dymijë e nëntëqind e nëntëmbëdhjetë presje tetëdhjetë e gjashtë) ha, e shënuar në hartë me ZQ.

Kjo nënzona përfshin habitatet kryesore pyjore, shkurre dhe përcaktohet si zonë me vlera të larta e të rralla për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla më e lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzona lejohen kërkimi shkencor, zhvillimi i veprimtarive ekoturistike të lira në natyrë.

b) Nënzona e Përdorimit Tradicional dhe Zhvillimit të Qëndrueshëm, me sipërfaqe 16034.29 (gjashtëmbëdhjetë mijë e tridhjetë e katër presje njëzet e nëntë) ha, e shënuar në hartë me ZPT/Q.

Kjo nënzona përfshin tokat pyjore, bujqësore e bimësi barishtore, ku mundësohet vazhdimi i veprimtarive tradicionale si punime për shëndetësimin e pyjeve, aktivitete bujqësore, kullotja, grumbullimi dhe kultivimi i bimëve mjekësore e aromatike, me përdorim të balancuar të tyre dhe nuk lejohen ndërtimet e veprimtaritë ekonomike që shkaktojnë ndryshimin e gjendjes natyrore të ekosistemit natyror. Në nënzona e përdorimit tradicional dhe zhvillimit të qëndrueshëm, zbatohet shkalla e dytë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive ekonomike, sociale, agrobiznesit, argëtuese, sportive e ekoturistike, ndërtimi i infrastrukturës sipas planeve të zhvillimit urban e turistik të miratuar nga Këshilli Kombëtar i Territorit (KKT), të cilat nuk çenojnë integritetin ekologjik të ekosistemit natyror dhe respektojnë funksionet e zonës së mbrojtur, vlerat ekologjike dhe ato të peizazhit natyror e kulturor.

c) Nënzona e Rekreacionit, me sipërfaqe 334.73 (treqind e tridhjetë e katër presje shtatëdhjetë e tre) ha, e shënuar në hartë me ZR.

Në këtë zonë përfshihen pjesë të habitateve pyjore. Në këtë zbatohet shkalla e tretë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive turistike, si mundësi shëtitjeje në natyrë, shërbime turistike në mënyrë të tillë që respektojnë funksionet e zonës së mbrojtur, vlerat e tij ekologjike dhe ato të peizazhit natyror, në mbështetje të studimeve urbanistike të miratuar nga KKT-ja.



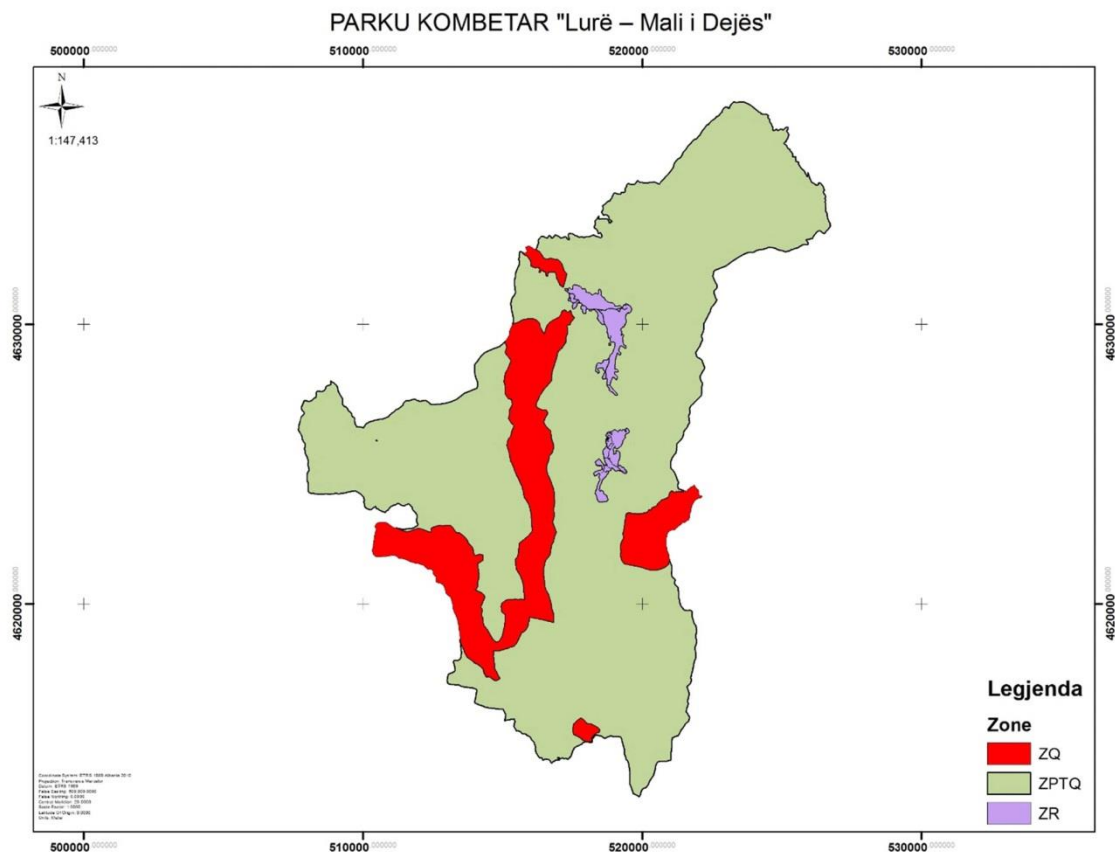
Zonimi dhe sipërfaqet në Parkun Kombëtar “Lurë – Mali i Dejës” jepen në Tabelën 2.

Tabela 2. Zonimi i brendshëm i PK-së.

Zonimi	Sip. në ha	Përqindja
Zona qendrore	2919.86	15.14
Zona e përdorimit tradicional dhe zhvillimit të qëndrueshëm	16034.29	83.13
Zona e rekreacionit	334.73	1.74
Totali	19288.88	100.00

Administrata e Zonave të Mbrojtura, Qarku Dibër, kryen funksionet menaxhuese të Parkut Kombëtar “Lurë – Mali i Dejës”.

SHTOJCA 1





SHTOJCA 2

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	523254.82	4637963.1	51	524827.7	4636953	101	525214.6	4636305
2	523360.38	4637947.9	52	524838.5	4636938	102	525221.8	4636294
3	523497.65	4637962.9	53	524847.7	4636939	103	525252.2	4636275
4	523627.72	4637963.2	54	524862.5	4636951	104	525272.7	4636263
5	523770.45	4637900.5	55	524917.2	4636975	105	525273.5	4636263
6	523854.02	4637856.6	56	524953	4636984	106	525286.4	4636258
7	523876.93	4637846	57	524976.3	4636986	107	525288	4636257
8	523912.27	4637809.6	58	524997.7	4636989	108	525294.3	4636252
9	523951.02	4637779.5	59	525012.5	4636975	109	525294.8	4636251
10	523974.57	4637769.2	60	525025.9	4636959	110	525294	4636237
11	523978.39	4637750.8	61	525039.9	4636954	111	525294	4636236
12	523994.35	4637732.6	62	525066.4	4636966	112	525297.5	4636209
13	524021.81	4637720.1	63	525087.8	4636986	113	525298.3	4636207
14	524062.09	4637695.4	64	525110.2	4637014	114	525304.6	4636199
15	524083.63	4637663.1	65	525122.7	4637029	115	525305.3	4636199
16	524118.3	4637665	66	525147.2	4637045	116	525323	4636187
17	524128.86	4637635.6	67	525190.1	4637058	117	525334.8	4636182
18	524137.51	4637616.3	68	525221.6	4637042	118	525340.7	4636170
19	524155.7	4637604.7	69	525225.8	4637015	119	525344.6	4636162
20	524214.1	4637580.4	70	525216.2	4636966	120	525356.2	4636148
21	524240.8	4637545.8	71	525200.3	4636949	121	525370.3	4636135
22	524264.36	4637537.6	72	525183.4	4636888	122	525378.7	4636120
23	524290.09	4637526.8	73	525200.4	4636874	123	525390.1	4636093
24	524326.54	4637530.5	74	525222.3	4636854	124	525387.3	4636053
25	524354.14	4637531.5	75	525229.8	4636835	125	525388.2	4636018
26	524389.13	4637525.2	76	525240.5	4636816	126	525392.5	4636001
27	524421.02	4637520.8	77	525251.4	4636794	127	525420.5	4635988
28	524453.27	4637509.2	78	525249.9	4636779	128	525445.8	4635986
29	524475.79	4637500.3	79	525234.3	4636740	129	525466.4	4635991
30	524492.21	4637476.6	80	525221.6	4636698	130	525481.9	4635998
31	524496.8	4637467.1	81	525206.2	4636656	131	525498.8	4635996
32	524496.11	4637441.3	82	525187.4	4636629	132	525500.3	4635984
33	524492.93	4637409.5	83	525182.1	4636609	133	525500.5	4635947
34	524498.01	4637386.6	84	525154.3	4636576	134	525499.1	4635915
35	524552.17	4637324.9	85	525158	4636551	135	525502.7	4635877
36	524549.32	4637283.4	86	525146.5	4636540	136	525496.7	4635851
37	524557.68	4637257.9	87	525123.3	4636526	137	525506.8	4635832
38	524568.22	4637222.9	88	525112.4	4636518	138	525532	4635823
39	524607.28	4637184.3	89	525096.8	4636504	139	525568	4635815
40	524623.83	4637123.2	90	525092.1	4636492	140	525584.6	4635811
41	524661.71	4637037	91	525094.1	4636461	141	525593.4	4635794
42	524674.48	4637000.2	92	525117.4	4636447	142	525604.4	4635775
43	524668.9	4636968.8	93	525138.9	4636430	143	525607.3	4635740
44	524665.72	4636943.1	94	525150.5	4636420	144	525626.8	4635697



45	524713.55	4636936.6	95	525165.3	4636405	145	525630.1	4635680
46	524719.84	4636950.1	96	525181.3	4636381	146	525647.8	4635669
47	524742.87	4636952.5	97	525189.8	4636359	147	525681.7	4635622
48	524761.27	4636964.9	98	525190.6	4636357	148	525687.2	4635585
49	524787.09	4636982.5	99	525197.7	4636334	149	525699.7	4635567
50	524811.43	4636970.3	100	525204.1	4636318	150	525721.4	4635552
151	525742.09	4635539.4	201	526496.7	4634855	251	526638.7	4633794
152	525762.81	4635529.3	202	526513.5	4634821	252	526649.7	4633768
153	525779.09	4635518.7	203	526515.9	4634805	253	526667	4633733
154	525788.03	4635499.7	204	526532.2	4634794	254	526672.6	4633708
155	525799.51	4635484.5	205	526509.9	4634785	255	526679	4633697
156	525825.16	4635450.3	206	526498.2	4634772	256	526691.7	4633677
157	525839.8	4635412.3	207	526492	4634755	257	526703.8	4633660
158	525852.78	4635395.4	208	526486.6	4634732	258	526713.4	4633649
159	525872.56	4635359.6	209	526491.9	4634713	259	526721.4	4633635
160	525882.38	4635336.1	210	526522.1	4634674	260	526727.3	4633581
161	525884.94	4635326.4	211	526544.3	4634637	261	526734.6	4633542
162	525896.89	4635311.1	212	526551.1	4634623	262	526726	4633511
163	525903.09	4635302.2	213	526561	4634600	263	526727.4	4633495
164	525915.88	4635293.5	214	526562.6	4634577	264	526631	4633386
165	525921.01	4635299.4	215	526557.9	4634553	265	526600.1	4633360
166	525921.91	4635319.8	216	526554.5	4634530	266	526545.2	4633268
167	525923	4635348.6	217	526552.4	4634510	267	526503.1	4633255
168	525926.45	4635383.6	218	526553	4634485	268	526464	4633273
169	525923.73	4635405.3	219	526556.6	4634461	269	526393.9	4633336
170	525930.17	4635418	220	526563.1	4634430	270	526361.3	4633352
171	525941.89	4635416.3	221	526560.1	4634414	271	526358.2	4633351
172	525948.59	4635386.5	222	526551	4634399	272	526354.2	4633348
173	525965.25	4635360.2	223	526543.3	4634395	273	526351	4633348
174	525972.24	4635332.1	224	526539.6	4634385	274	526324.3	4633352
175	525989.45	4635247.7	225	526544.2	4634372	275	526291.2	4633341
176	525998.37	4635221.6	226	526554.4	4634346	276	526266.1	4633321
177	526013.25	4635205.1	227	526558.5	4634329	277	526211.1	4633255
178	526022.22	4635176.5	228	526557.4	4634303	278	526144.3	4633176
179	526040.51	4635145.2	229	526560.6	4634281	279	526092	4633078
180	526071.63	4635093.9	230	526559.5	4634245	280	525964.4	4633047
181	526087.51	4635076	231	526560.9	4634212	281	525875.6	4633036
182	526147.08	4635049	232	526561.7	4634182	282	525920	4632955
183	526174.77	4635027.2	233	526568.6	4634168	283	525942.6	4632917
184	526196.8	4635003.3	234	526572.1	4634144	284	525943.8	4632915
185	526226.8	4634991	235	526571	4634127	285	525945.4	4632879
186	526245.14	4634983.7	236	526569	4634116	286	525929	4632853
187	526267.88	4634978.9	237	526565.7	4634102	287	525899.1	4632849
188	526299.4	4634997	238	526565.8	4634075	288	525834.7	4632848
189	526309.52	4635043.3	239	526571.1	4634054	289	525800.7	4632850
190	526321.73	4635067.4	240	526577.3	4634041	290	525766	4632851



191	526343.47	4635066.8	241	526584.1	4634021	291	525682.1	4632813
192	526363.31	4635056.6	242	526594.7	4634013	292	525628	4632782
193	526382.15	4635053	243	526605.5	4634002	293	525559.5	4632741
194	526398.56	4635049.5	244	526604.9	4633982	294	525468.5	4632718
195	526414.83	4635034.8	245	526615.3	4633956	295	525399.5	4632692
196	526425.69	4635006.3	246	526617	4633947	296	525325.5	4632669
197	526442.63	4634988.6	247	526624.8	4633916	297	525319	4632662
198	526458.23	4634965.1	248	526628.2	4633879	298	525262.7	4632635
199	526472.4	4634939.4	249	526632.9	4633851	299	525174.6	4632613
200	526483.24	4634903.1	250	526641	4633806	300	525133.3	4632595
301	525052.58	4632623.2	351	522212.5	4630037	401	521621.8	4626341
302	524926.71	4632656.4	352	522203	4629945	402	521587.6	4626295
303	524830.27	4632674.1	353	522213.4	4629860	403	521552.7	4626240
304	524748.31	4632738.2	354	522193.4	4629755	404	521519.3	4626202
305	524632.27	4632751.7	355	522159	4629681	405	521482.8	4626136
306	524530.24	4632761.6	356	522112	4629592	406	521479.5	4626077
307	524386.99	4632706.9	357	522131.8	4629538	407	521439.7	4625945
308	524098.05	4632652.8	358	522154.5	4629451	408	521395.5	4625889
309	523978.43	4632582.2	359	522102.8	4629330	409	521324.3	4625813
310	523818.17	4632589.7	360	522062.9	4629198	410	521278.1	4625763
311	523646.48	4632520.7	361	522012.3	4629140	411	521248	4625737
312	523435.81	4632403.8	362	521926	4628999	412	521248.5	4625687
313	523218.1	4632251.5	363	521933.7	4628873	413	521238.9	4625605
314	522991.95	4632095.6	364	521966.2	4628833	414	521228.9	4625552
315	522747.19	4631999.7	365	522004.9	4628807	415	521210.3	4625412
316	522695.23	4631967.4	366	522068.3	4628772	416	521155.7	4625342
317	522662.46	4631963.3	367	522127.6	4628728	417	521086.5	4625231
318	522645.05	4631958.3	368	522174.8	4628611	418	521033.9	4625114
319	522617.31	4631954.1	369	522202.1	4628537	419	521026.6	4625059
320	522600.02	4631938.8	370	522230.9	4628465	420	521020.2	4625000
321	522581.93	4631923.5	371	522201.3	4628387	421	521025.8	4624953
322	522564.73	4631900.2	372	522156.9	4628327	422	521024.6	4624914
323	522554.65	4631879.5	373	522128.5	4628260	423	521029.8	4624858
324	522548.72	4631842.9	374	522100.9	4628201	424	521102.7	4624773
325	522541.37	4631768.3	375	522072.6	4628156	425	521117.6	4624745
326	522521.98	4631730.6	376	522074.1	4628097	426	521163.6	4624665
327	522557.09	4631657.2	377	522088.8	4628032	427	521212.4	4624565
328	522592.21	4631551.8	378	522121.2	4627965	428	521246.8	4624478
329	522630.12	4631480.7	379	522160.5	4627902	429	521276.7	4624405
330	522668.01	4631412.3	380	522145.4	4627838	430	521301	4624348
331	522675.08	4631310.1	381	522135.7	4627756	431	521273.1	4624260
332	522606.32	4631246.1	382	522132	4627618	432	521268.5	4624196
333	522558.95	4631186.2	383	522113.8	4627462	433	521311.9	4624112
334	522562.83	4631117	384	522066.9	4627417	434	521402.3	4624081
335	522600.71	4631048.6	385	522029.3	4627368	435	521444.5	4624077
336	522601.42	4631017.5	386	521970.7	4627306	436	521497.3	4624035



337	522605.5	4630972.9	387	521931.6	4627277	437	521497.7	4624036
338	522647.19	4630924.7	388	521880.7	4627229	438	521502.8	4624039
339	522667.47	4630889.1	389	521825.6	4627168	439	521509.6	4624041
340	522641.69	4630827.9	390	521790.5	4627133	440	521517.9	4624044
341	522589.58	4630753.1	391	521727.1	4627070	441	521523.4	4624046
342	522545.34	4630685.5	392	521706.8	4627020	442	521531.8	4624042
343	522476.71	4630610.8	393	521701.8	4626983	443	521541.3	4624041
344	522445.71	4630520.7	394	521708.3	4626896	444	521551.7	4624040
345	522427.24	4630454.8	395	521710.9	4626824	445	521565.2	4624039
346	522405.45	4630400.1	396	521679.9	4626774	446	521573.5	4624037
347	522336.31	4630282.3	397	521670.7	4626713	447	521580	4624032
348	522295.58	4630201.7	398	521677.2	4626603	448	521587.1	4624030
349	522268.27	4630137.5	399	521689	4626487	449	521594.3	4624030
350	522243.89	4630099.7	400	521644	4626416	450	521601.8	4624030
451	521605.77	4624031.1	501	522043.1	4623879	551	521116.5	4620931
452	521608.08	4624037.5	502	522061.6	4623876	552	521177.5	4620868
453	521608	4624044.2	503	522092.8	4623868	553	521171.2	4620798
454	521610.32	4624049.8	504	522132.6	4623858	554	521160.9	4620737
455	521613.85	4624053.4	505	522149.3	4623846	555	521178.2	4620693
456	521620.17	4624055.9	506	522148.1	4623833	556	521196.6	4620671
457	521625.28	4624060.3	507	522120.1	4623799	557	521283.8	4620572
458	521626.51	4624070.9	508	522087.2	4623789	558	521294.4	4620494
459	521634.79	4624085.3	509	522055	4623784	559	521305.7	4620413
460	521639.84	4624094.5	510	521974.8	4623757	560	521303.6	4620311
461	521646.14	4624099.3	511	521927.6	4623730	561	521303.1	4620243
462	521658.43	4624101.1	512	521884.4	4623691	562	521330.9	4620134
463	521665.92	4624105.1	513	521871.7	4623674	563	521341.8	4620089
464	521669.45	4624109.5	514	521799.1	4623543	564	521356	4620033
465	521672.15	4624115.9	515	521760.7	4623407	565	521370.2	4619982
466	521677.63	4624123.1	516	521754.3	4623385	566	521383.1	4619935
467	521681.95	4624126.7	517	521748.3	4623363	567	521422.6	4619877
468	521687.1	4624127.6	518	521737.8	4623301	568	521465.2	4619825
469	521691.47	4624127.6	519	521722.6	4623244	569	521509.2	4619772
470	521692.75	4624127.4	520	521716	4623229	570	521622.5	4619767
471	521699.88	4624124.6	521	521674.2	4623022	571	521705.9	4619770
472	521704.25	4624124.8	522	521655.9	4622999	572	521766.5	4619738
473	521707.4	4624124.9	523	521587.8	4622977	573	521781.2	4619695
474	521711.35	4624126.8	524	521545.5	4622935	574	521782.9	4619657
475	521713.97	4624128.7	525	521525.8	4622918	575	521788.9	4619534
476	521715.66	4624131.5	526	521496.7	4622915	576	521805	4619485
477	521715.78	4624132.7	527	521447.8	4622907	577	521808.1	4619443
478	521715.43	4624136.2	528	521446.3	4622906	578	521824.6	4619412
479	521715.18	4624138.9	529	521276	4622755	579	521832.8	4619377
480	521716.01	4624147.2	530	521246.1	4622735	580	521845.4	4619349
481	521716.59	4624154.1	531	521167.1	4622661	581	521863.2	4619298
482	521720.09	4624162.7	532	521076.3	4622637	582	521914.4	4619213



483	521726.79	4624167.6	533	521010.3	4622626	583	521941.7	4619127
484	521733.9	4624170.4	534	520968.5	4622601	584	521949.7	4619010
485	521738.64	4624172.5	535	520925.8	4622560	585	521920.7	4618895
486	521753	4624170.9	536	520908.1	4622532	586	521926	4618779
487	521759.78	4624172.4	537	520888.1	4622398	587	521945.6	4618677
488	521801.28	4624201.6	538	520871.5	4622366	588	521932.2	4618555
489	521811.62	4624210	539	520875.9	4622084	589	521890.1	4618458
490	521839.31	4624239.8	540	520883.9	4621965	590	521883.2	4618371
491	521848.13	4624249.5	541	520952.4	4621761	591	521905.2	4618295
492	521857.34	4624254.2	542	520973.6	4621654	592	521918	4618215
493	521861.05	4624252.3	543	520984.7	4621574	593	521926	4618095
494	521921.24	4624165.3	544	520989.8	4621537	594	521905.8	4618017
495	522008.28	4624064.6	545	521003.9	4621480	595	521862	4617927
496	522020.14	4624006.7	546	521066	4621349	596	521849.9	4617830
497	522024.05	4623976.7	547	521069.1	4621284	597	521812	4617689
498	522033.06	4623941.7	548	521065.5	4621212	598	521784.6	4617554
499	522037.98	4623916.6	549	521042.8	4621093	599	521740.3	4617388
500	522040.27	4623890.9	550	521064.1	4620991	600	521758.9	4617267
601	521735.99	4617193	651	520125.8	4613428	701	518323.6	4615297
602	521688.02	4617121.2	652	519999.3	4613377	702	518293.1	4615276
603	521619.94	4617076.9	653	519950.1	4613281	703	518279.7	4615265
604	521606.36	4617030.7	654	519917.1	4613164	704	518266.4	4615246
605	521632.17	4616932.6	655	519883.5	4613089	705	518240.6	4615216
606	521673.31	4616797.2	656	519824.7	4613142	706	518210	4615178
607	521679.21	4616743.2	657	519734.2	4613186	707	518203.1	4615161
608	521652.61	4616648.6	658	519670.4	4613211	708	518199.3	4615144
609	521648.68	4616627.7	659	519646	4613256	709	518208.1	4615119
610	521636.46	4616562.7	660	519591	4613438	710	518208.3	4615097
611	521616.13	4616528.6	661	519555.3	4613544	711	518208.5	4615081
612	521643.37	4616432.2	662	519546.2	4613647	712	518206.3	4615072
613	521629.31	4616366.4	663	519545.2	4613731	713	518196.9	4615061
614	521592.52	4616251.6	664	519544.9	4613983	714	518174.8	4615048
615	521581.02	4616147.7	665	519496.2	4614294	715	518155.8	4615042
616	521616.16	4616080.5	666	519493.7	4614328	716	518125.6	4615042
617	521690.39	4615938.7	667	519480.2	4614389	717	518096.9	4615048
618	521667.32	4615814.8	668	519411.6	4614440	718	518057.1	4615061
619	521629.79	4615773.8	669	519394.9	4614517	719	518032.4	4615064
620	521532.36	4615697.6	670	519346	4614620	720	518002.2	4615067
621	521522.22	4615652.4	671	519346.9	4614683	721	517981.6	4615064
622	521475.01	4615589.3	672	519345.7	4614787	722	517941.2	4615058
623	521376.87	4615469.6	673	519330.2	4614891	723	517900.8	4615048
624	521346.06	4615391.5	674	519307.3	4614943	724	517866.8	4615024
625	521295.14	4615285.8	675	519299.2	4614986	725	517846.4	4615005
626	521179.43	4615254.1	676	519279.8	4615060	726	517831.5	4614986
627	521073.03	4615216	677	519268.5	4615119	727	517803.1	4614970
628	521070.19	4615072.8	678	519262.1	4615156	728	517778.6	4614959



629	521070.91	4615011.4	679	519239.7	4615206	729	517745.4	4614945
630	521071.91	4614924.6	680	519216.8	4615236	730	517710.7	4614930
631	521055.75	4614754.5	681	519189.6	4615244	731	517676.7	4614917
632	521041.18	4614664.2	682	519131.9	4615255	732	517641.1	4614900
633	521030.99	4614519	683	519070.9	4615253	733	517612.7	4614883
634	521040.06	4614438.6	684	519003.3	4615260	734	517595.4	4614869
635	521012.32	4614403	685	518943.2	4615262	735	517572.7	4614843
636	520974.23	4614400.4	686	518881.2	4615266	736	517555.5	4614821
637	520934.18	4614385.2	687	518838.4	4615262	737	517547.4	4614803
638	520843.23	4614375.6	688	518785.4	4615247	738	517541.2	4614789
639	520682.36	4614362.8	689	518755.3	4615237	739	517530.6	4614777
640	520647.64	4614373.8	690	518705.9	4615216	740	517519.3	4614762
641	520557.04	4614357.2	691	518658.7	4615197	741	517508.8	4614744
642	520533.4	4614341.1	692	518652	4615196	742	517508.5	4614730
643	520504.75	4614301	693	518626.7	4615200	743	517507.5	4614713
644	520473.73	4614237.1	694	518620	4615204	744	517504.9	4614702
645	520458.55	4614176.1	695	518599.3	4615220	745	517499.4	4614695
646	520446.55	4614070.1	696	518566.7	4615240	746	517492.3	4614687
647	520396.07	4613857.7	697	518533.3	4615267	747	517484.6	4614668
648	520286.57	4613713.5	698	518501.8	4615277	748	517478.7	4614644
649	520245.4	4613612.4	699	518465.1	4615281	749	517475.2	4614622
650	520193.6	4613513.9	700	518395.7	4615303	750	517471.6	4614613
751	517459.63	4614597	801	517029.1	4614408	851	516225.2	4614609
752	517454.01	4614580	802	517013.2	4614406	852	516206.9	4614635
753	517446.8	4614563	803	516986.7	4614415	853	516191.6	4614670
754	517438.44	4614553.4	804	516976	4614419	854	516178.6	4614703
755	517423.78	4614539.4	805	516967.3	4614421	855	516167.1	4614729
756	517416.49	4614528.7	806	516959.8	4614420	856	516162.5	4614760
757	517409.82	4614510.7	807	516946.3	4614417	857	516159.9	4614808
758	517404.13	4614499	808	516934.8	4614413	858	516161	4614833
759	517393.62	4614492.5	809	516921	4614407	859	516162.3	4614856
760	517379.39	4614486.5	810	516892.9	4614398	860	516161.9	4614891
761	517366.76	4614480.5	811	516877.9	4614392	861	516158.4	4614914
762	517355	4614471.5	812	516871.6	4614386	862	516153.1	4614929
763	517346.05	4614458.3	813	516861.2	4614374	863	516138.9	4614953
764	517336.63	4614449.3	814	516847.5	4614366	864	516133.5	4614975
765	517330.74	4614445.6	815	516820.6	4614357	865	516130.8	4615006
766	517325.26	4614443.4	816	516805.3	4614351	866	516121.4	4615042
767	517318.9	4614444.2	817	516782.2	4614333	867	516089.6	4615074
768	517310.13	4614451.9	818	516765.5	4614315	868	516054.3	4615106
769	517298.55	4614464.1	819	516757.6	4614312	869	516023.7	4615143
770	517286.88	4614466	820	516749.1	4614313	870	516004.2	4615181
771	517274.58	4614467.6	821	516738.4	4614321	871	515986.3	4615213
772	517263.05	4614471.4	822	516728.1	4614342	872	515965.2	4615252
773	517246.78	4614472.8	823	516716	4614380	873	515920.5	4615275
774	517238.3	4614472.1	824	516709.1	4614389	874	515890.2	4615287



775	517224.98	4614465	825	516699.5	4614395	875	515856.6	4615303
776	517204.46	4614465.4	826	516679.1	4614408	876	515837.3	4615326
777	517184.6	4614465.8	827	516647.9	4614425	877	515800.5	4615348
778	517175.93	4614472.3	828	516626.4	4614433	878	515756	4615351
779	517163.11	4614493.5	829	516611.5	4614437	879	515721.1	4615350
780	517154.5	4614494.1	830	516604	4614438	880	515682.8	4615366
781	517147.22	4614494	831	516575.8	4614438	881	515660.3	4615386
782	517132.75	4614486.5	832	516562.2	4614444	882	515636.2	4615413
783	517118.95	4614478.4	833	516547	4614451	883	515604.1	4615438
784	517103.2	4614467	834	516539.1	4614451	884	515564.3	4615452
785	517087.99	4614465.5	835	516527.2	4614447	885	515529.3	4615458
786	517074.76	4614465.3	836	516516.6	4614440	886	515473.7	4615452
787	517053.57	4614466.4	837	516494.9	4614426	887	515458.4	4615500
788	517023.55	4614487.9	838	516469.9	4614418	888	515443.7	4615528
789	516994.19	4614508.7	839	516453.5	4614414	889	515426	4615554
790	516983.58	4614510.6	840	516444.5	4614416	890	515413	4615576
791	516978.31	4614508.6	841	516437.5	4614427	891	515400	4615601
792	516975.75	4614500.6	842	516424.4	4614457	892	515394.9	4615628
793	516983.82	4614489.4	843	516417.3	4614479	893	515396.2	4615653
794	516999.21	4614475.1	844	516405	4614490	894	515397.5	4615685
795	517003.43	4614453.9	845	516384.3	4614491	895	515397.1	4615714
796	517006.9	4614440.1	846	516372.7	4614490	896	515409.5	4615738
797	517022.24	4614429.7	847	516345.7	4614489	897	515421.3	4615750
798	517036.22	4614421.9	848	516317.5	4614496	898	515432.3	4615762
799	517039.62	4614414.6	849	516292.5	4614512	899	515436.9	4615773
800	517036.36	4614410	850	516274.8	4614532	900	515429.5	4615800
901	515421.97	4615831.2	951	513237.3	4617905	1001	513227.8	4619822
902	515409.65	4615866	952	513263	4617966	1002	513224.4	4619835
903	515403.9	4615882.6	953	513349.2	4617975	1003	513221.3	4619849
904	515364.26	4615877.4	954	513410.9	4617978	1004	513218.7	4619862
905	515328.62	4615869	955	513452.8	4618000	1005	513215	4619883
906	515288.94	4615867	956	513478.8	4618040	1006	513207.5	4619936
907	515255.67	4615860.2	957	513507.5	4618113	1007	513205.5	4619949
908	515224.8	4615851.9	958	513514.7	4618177	1008	513203.5	4619960
909	515189.96	4615842.8	959	513528.5	4618229	1009	513188.4	4620044
910	515159.82	4615840	960	513530.7	4618279	1010	513184.8	4620063
911	515136	4615839.8	961	513515	4618338	1011	513181.4	4620080
912	515106.71	4615832.3	962	513508	4618409	1012	513177.3	4620099
913	515086.48	4615829.1	963	513496.6	4618476	1013	513173.2	4620116
914	515058.36	4615824.6	964	513496.8	4618576	1014	513168.9	4620133
915	515070.65	4615860.4	965	513466.5	4618676	1015	513164.4	4620148
916	515076.06	4615873.2	966	513486	4618732	1016	513159.3	4620164
917	515091.05	4615893.2	967	513478.6	4618784	1017	513153.8	4620180
918	515102.72	4616057.3	968	513474.8	4618811	1018	513148	4620194
919	515072	4616099.7	969	513471.3	4618841	1019	513141.9	4620208
920	515036.73	4616153.8	970	513468	4618873	1020	513135.4	4620221



921	515006.43	4616223.9	971	513459.5	4618962	1021	513128.5	4620234
922	514915.66	4616233.2	972	513456.5	4618990	1022	513121.3	4620246
923	514804.92	4616247.4	973	513453.4	4619015	1023	513113.6	4620257
924	514541.41	4616277.8	974	513443	4619091	1024	513109.7	4620263
925	514367.78	4616312.7	975	513434.1	4619151	1025	513105.4	4620268
926	514278.9	4616349.2	976	513425.5	4619206	1026	513082.7	4620276
927	514101.35	4616403.9	977	513421.2	4619231	1027	513071.1	4620280
928	514008.61	4616455.2	978	513416.8	4619256	1028	513063.2	4620295
929	513995.59	4616497.8	979	513412.2	4619280	1029	513048.3	4620306
930	514026.47	4616604.1	980	513407.6	4619304	1030	513030.9	4620309
931	514045.36	4616788.5	981	513402.8	4619327	1031	513010.2	4620325
932	514070.39	4616904.8	982	513397.9	4619350	1032	512997.5	4620345
933	514046.02	4616958.6	983	513392.9	4619372	1033	512980.6	4620368
934	513977.2	4616978.9	984	513387.8	4619393	1034	512957.3	4620414
935	513908.42	4616995.3	985	513382.5	4619414	1035	512948.3	4620433
936	513756.57	4617009.4	986	513377	4619435	1036	512953.1	4620447
937	513689.51	4617030.4	987	513370.5	4619457	1037	512953.6	4620473
938	513544.25	4617047.1	988	513363	4619481	1038	512948.8	4620484
939	513438.15	4617096.1	989	513354.3	4619505	1039	512944.2	4620494
940	513159.3	4617122	990	513344.3	4619531	1040	512939.9	4620504
941	513058.43	4617147.3	991	513335.1	4619553	1041	512935.8	4620515
942	513026.36	4617173.4	992	513324.5	4619578	1042	512932.7	4620524
943	513014.67	4617268.6	993	513287.8	4619661	1043	512929.7	4620534
944	513046.91	4617478.2	994	513274.4	4619691	1044	512927.2	4620544
945	513136.17	4617521.5	995	513261.6	4619722	1045	512921.5	4620569
946	513204.39	4617556.6	996	513250.8	4619750	1046	512918.1	4620582
947	513278.02	4617581.2	997	513245.4	4619765	1047	512916.1	4620589
948	513297.9	4617635.1	998	513240.4	4619780	1048	512914	4620595
949	513281.05	4617725.7	999	513235.8	4619794	1049	512911.8	4620600
950	513267.29	4617824	1000	513231.6	4619808	1050	512909.5	4620605
1051	512903.65	4620616.5	1101	512595.3	4620998	1151	512097.6	4621402
1052	512897.25	4620627.7	1102	512593	4621005	1152	512090.8	4621405
1053	512890.35	4620638.6	1103	512571.8	4621010	1153	512083.7	4621408
1054	512883	4620649.3	1104	512557.2	4621032	1154	512076.2	4621411
1055	512875.28	4620659.6	1105	512536.2	4621048	1155	512068.4	4621414
1056	512867.21	4620669.5	1106	512524.1	4621063	1156	512060.1	4621416
1057	512858.87	4620678.8	1107	512512.7	4621072	1157	512051.4	4621419
1058	512850.29	4620687.6	1108	512503.2	4621083	1158	512036.4	4621422
1059	512841.58	4620695.7	1109	512503.4	4621111	1159	512019.4	4621426
1060	512832.72	4620703.2	1110	512501.9	4621115	1160	512003.1	4621429
1061	512823.74	4620710	1111	512500.8	4621120	1161	511965.3	4621435
1062	512814.66	4620716.2	1112	512500	4621125	1162	511947.6	4621439
1063	512805.53	4620721.6	1113	512499.4	4621131	1163	511932.6	4621442
1064	512796.34	4620726.4	1114	512499.2	4621141	1164	511919.2	4621445
1065	512787.14	4620730.4	1115	512499.8	4621168	1165	511880.7	4621455
1066	512777.92	4620733.8	1116	512499.6	4621175	1166	511792.4	4621477



1067	512772.28	4620735.3	1117	512499.1	4621180	1167	511771	4621483
1068	512765.87	4620736.7	1118	512498.1	4621186	1168	511751.6	4621488
1069	512758.98	4620737.9	1119	512496.7	4621192	1169	511727.5	4621495
1070	512739.19	4620740.8	1120	512494.8	4621196	1170	511705.2	4621502
1071	512733.13	4620741.9	1121	512492.4	4621201	1171	511684.1	4621509
1072	512727.79	4620743.2	1122	512488.4	4621206	1172	511664.2	4621516
1073	512712.64	4620747.4	1123	512483.7	4621211	1173	511653.7	4621521
1074	512698.77	4620751.8	1124	512478.1	4621217	1174	511642.8	4621525
1075	512685.99	4620756.4	1125	512471.9	4621222	1175	511631.4	4621530
1076	512674.27	4620761.1	1126	512465	4621227	1176	511619.2	4621536
1077	512663.53	4620766	1127	512457.5	4621232	1177	511597.1	4621546
1078	512653.79	4620771.2	1128	512449.8	4621236	1178	511546.7	4621571
1079	512645.05	4620776.6	1129	512441.9	4621240	1179	511522.8	4621583
1080	512637.3	4620782.1	1130	512438.9	4621241	1180	511502.3	4621592
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1082	512628.03	4620791.1	1132	512432.4	4621243	1182	511471.6	4621603
1083	512624.05	4620796.2	1133	512428.9	4621244	1183	511458.4	4621607
1084	512620.48	4620801.9	1134	512421.6	4621245	1184	511445.1	4621611
1085	512617.33	4620808.1	1135	512413.6	4621245	1185	511410.4	4621620
1086	512614.57	4620814.9	1136	512405.7	4621245	1186	511299.1	4621627
1087	512612.2	4620822.2	1137	512396.8	4621244	1187	511243.2	4621652
1088	512610.2	4620830.2	1138	512387.7	4621243	1188	511206	4621700
1089	512608.74	4620837.6	1139	512362.7	4621239	1189	511072	4621738
1090	512607.54	4620845.7	1140	512355.2	4621238	1190	510892.1	4621714
1091	512606.59	4620854.4	1141	512348.6	4621237	1191	510582.8	4621688
1092	512605.87	4620864	1142	512341.1	4621237	1192	510463.3	4621688
1093	512605.11	4620883.3	1143	512291.7	4621265	1193	510384.6	4621739
1094	512604.65	4620922	1144	512266.3	4621289	1194	510349.6	4621806
1095	512604.22	4620938.1	1145	512241.6	4621312	1195	510333.9	4621923
1096	512603.27	4620954.5	1146	512225	4621337	1196	510343.9	4622010
1097	512601.75	4620968.8	1147	512200.9	4621361	1197	510366.9	4622186
1098	512600.51	4620976.9	1148	512173.6	4621381	1198	510374.2	4622259
1099	512599.03	4620984.5	1149	512150.8	4621389	1199	510386.6	4622303
1100	512597.29	4620991.6	1150	512104.1	4621398	1200	510408.7	4622444
1201	510433.6	4622555	1251	510711.6	4623289	1301	508022	4624680
1202	510468.72	4622680.7	1252	510673.9	4623304	1302	508045.1	4624730
1203	510433.76	4622731.8	1253	510589.2	4623344	1303	508068.4	4624791
1204	510405.46	4622782.5	1254	510525.7	4623397	1304	508065	4624860
1205	510438.13	4622812.2	1255	510483.7	4623393	1305	508050.1	4624925
1206	510451	4622844.2	1256	510462.1	4623420	1306	508032.3	4624998
1207	510469.21	4622870.8	1257	510453.1	4623485	1307	508038.3	4625060
1208	510527.04	4622905.9	1258	510368.4	4623439	1308	508038.9	4625119
1209	510643.24	4622928.4	1259	510334.8	4623413	1309	508021.8	4625191
1210	510767.6	4622932.5	1260	510299.3	4623375	1310	508015.2	4625233
1211	510836.62	4622914.8	1261	510269.8	4623360	1311	508004.1	4625259
1212	510927.31	4622855	1262	510231.7	4623361	1312	507972.2	4625317



1213	510994.06	4622805.5	1263	510203.9	4623380	1313	507936.2	4625379
1214	511050.1	4622766.4	1264	510165.6	4623399	1314	507928.8	4625433
1215	511100.69	4622740.5	1265	510108.1	4623423	1315	507930.9	4625484
1216	511254.72	4622697.3	1266	510076.1	4623448	1316	507913.8	4625544
1217	511376.73	4622674.9	1267	510054.4	4623488	1317	507913.6	4625575
1218	511472.1	4622668.1	1268	510033.5	4623653	1318	507926.1	4625610
1219	511577.78	4622685.2	1269	510040.7	4623709	1319	507918.9	4625642
1220	511802.24	4622715.5	1270	510028	4623780	1320	507927.4	4625745
1221	511865.26	4622758.6	1271	510007.5	4623836	1321	507901	4625783
1222	511928.29	4622801.7	1272	509919.2	4623922	1322	507870.4	4625812
1223	511943.68	4622844.2	1273	509871.2	4623949	1323	507843.5	4625865
1224	511927	4622912.8	1274	509722.8	4624047	1324	507825.9	4625905
1225	511900.22	4622939	1275	509596.4	4624029	1325	507821.8	4625960
1226	511914.22	4623185.3	1276	509534.1	4624012	1326	507806.1	4626022
1227	511884.59	4623231.9	1277	509435.4	4623989	1327	507692.5	4626166
1228	511761.82	4623367.4	1278	509361	4623972	1328	507676.1	4626219
1229	511755.47	4623416.1	1279	509228.7	4623943	1329	507684	4626325
1230	511734.3	4623471.1	1280	509122.8	4623942	1330	507690.3	4626357
1231	511696.2	4623517.7	1281	509042.7	4623948	1331	507702.6	4626426
1232	511655.99	4623553.6	1282	508914.4	4623933	1332	507708.6	4626474
1233	511626.35	4623574.8	1283	508818	4623922	1333	507722.6	4626519
1234	511588.25	4623570.6	1284	508671.6	4623933	1334	507738.7	4626555
1235	511556.5	4623547.3	1285	508556.5	4623926	1335	507761.8	4626608
1236	511518.4	4623540.9	1286	508430.5	4623927	1336	507769.3	4626641
1237	511473.95	4623496.5	1287	508296.1	4623936	1337	507782	4626684
1238	511412.57	4623509.2	1288	508210.1	4623943	1338	507809.3	4626712
1239	511344.84	4623526.1	1289	508144.4	4623950	1339	507854.9	4626752
1240	511298.27	4623570.6	1290	508092.2	4623970	1340	507883.5	4626781
1241	511260.17	4623596	1291	508049.1	4624031	1341	507901.9	4626809
1242	511211.49	4623591.7	1292	508043.9	4624157	1342	507892.7	4626849
1243	511194.55	4623581.2	1293	508048.4	4624223	1343	507866	4626887
1244	511163.33	4623542.6	1294	508046.4	4624276	1344	507823	4626933
1245	511099.83	4623524.1	1295	508047.2	4624319	1345	507803.5	4626961
1246	510970.19	4623463.2	1296	508035.8	4624342	1346	507787.5	4627028
1247	510877.05	4623344.1	1297	507998.1	4624413	1347	507835.2	4627112
1248	510819.73	4623317.2	1298	507993.7	4624458	1348	507847.3	4627158
1249	510808.79	4623299.2	1299	508003.1	4624526	1349	507863.9	4627192
1250	510796.42	4623278.6	1300	508001	4624591	1350	507884.6	4627233
1351	507903.85	4627276	1401	509464	4626922	1451	512671.9	4627141
1352	507937.67	4627269.8	1402	509508	4626899	1452	512761.1	4627152
1353	507986.71	4627263.7	1403	509548	4626868	1453	512946.1	4627180
1354	508009.32	4627254.1	1404	509584.4	4626817	1454	513127.5	4627226
1355	508043.78	4627249.2	1405	509589	4626757	1455	513200	4627253
1356	508097.09	4627253.2	1406	509617.5	4626698	1456	513358	4627326
1357	508145.35	4627268.4	1407	509681.4	4626671	1457	513496.5	4627435
1358	508170.6	4627281.8	1408	509701.7	4626631	1458	513635	4627545



1359	508191.75	4627307.1	1409	509702.3	4626576	1459	514067.9	4627723
1360	508223.51	4627340.8	1410	509715.7	4626445	1460	514099.1	4627777
1361	508276	4627368.6	1411	509768.6	4626338	1461	514103.9	4627819
1362	508308.26	4627393.6	1412	509836.2	4626331	1462	514103.4	4627861
1363	508320.69	4627417.6	1413	510015.1	4626312	1463	514102.5	4627935
1364	508328.07	4627454.6	1414	510108.9	4626436	1464	514069.7	4628025
1365	508334.89	4627505.5	1415	510156.1	4626476	1465	514026	4628141
1366	508331.13	4627555.2	1416	510219.1	4626517	1466	514009.2	4628220
1367	508335.05	4627582.8	1417	510310.2	4626538	1467	513997.3	4628331
1368	508344.4	4627597.7	1418	510432.9	4626575	1468	513990.9	4628432
1369	508370.76	4627607.5	1419	510547.8	4626596	1469	513994.9	4628538
1370	508445.86	4627613.7	1420	510587.4	4626605	1470	514046.8	4628634
1371	508501	4627605.9	1421	510666.8	4626602	1471	514093.8	4628682
1372	508564.44	4627613.5	1422	510741.9	4626630	1472	514151	4628772
1373	508616.53	4627641.1	1423	510824.9	4626663	1473	514239.6	4628895
1374	508655.43	4627709.8	1424	510895.9	4626703	1474	514360.1	4629003
1375	508662.84	4627756	1425	510954.6	4626780	1475	514476	4629046
1376	508686.3	4627786.4	1426	511009.7	4626816	1476	514639.3	4629117
1377	508719.45	4627804.3	1427	511076.7	4626860	1477	514881.8	4629204
1378	508758.96	4627820.6	1428	511127.7	4626913	1478	515049.6	4629344
1379	508808	4627837.1	1429	511178.8	4626957	1479	515163.6	4629500
1380	508823.06	4627839.6	1430	511253.9	4626986	1480	515236.1	4629638
1381	508839.62	4627849.3	1431	511340.6	4627042	1481	515239.7	4629781
1382	508855.14	4627880.5	1432	511407.4	4627102	1482	515275.6	4629877
1383	508857.23	4627905.9	1433	511417.8	4627153	1483	515353.4	4630021
1384	508847.26	4627943.9	1434	511446.9	4627213	1484	515373.1	4630143
1385	508844.68	4627960.6	1435	511502.8	4627246	1485	515371.9	4630249
1386	508846.05	4627979.6	1436	511532.2	4627273	1486	515316.5	4630516
1387	508976.15	4627905.3	1437	511624.9	4627274	1487	515296.2	4630624
1388	509060.72	4627803.1	1438	511710.6	4627298	1488	515276.1	4630719
1389	509101.67	4627696.4	1439	511760	4627316	1489	515293.5	4630859
1390	509114.54	4627613.1	1440	511826.1	4627326	1490	515343.2	4630955
1391	509155.26	4627526.3	1441	511879.2	4627310	1491	515399.3	4631045
1392	509195.79	4627455.3	1442	511955.7	4627275	1492	515442.8	4631134
1393	509252.29	4627376.5	1443	512038.7	4627249	1493	515434.8	4631274
1394	509256.63	4627344.8	1444	512141.1	4627264	1494	515413.9	4631432
1395	509257.5	4627269.4	1445	512233.6	4627278	1495	515418.2	4631604
1396	509266.14	4627209.9	1446	512300	4627259	1496	515442.4	4631712
1397	509266.78	4627154.3	1447	512363.5	4627207	1497	515453.8	4631820
1398	509323.28	4627075.6	1448	512413.7	4627151	1498	515497	4631935
1399	509395.2	4627036.7	1449	512493.3	4627139	1499	515540.2	4632037
1400	509443.49	4626981.7	1450	512572.7	4627140	1500	515577.3	4632133
1501	515582.76	4632266.2	1551	517112	4633096	1601	518374.1	4633392
1502	515566.2	4632324.2	1552	517146.6	4633112	1602	518284.1	4633451
1503	515581.03	4632414.4	1553	517187.6	4633132	1603	518278.7	4633508
1504	515590.94	4632472.7	1554	517255.9	4633134	1604	518275.2	4633517



1505	515595.38	4632597.7	1555	517277.9	4633126	1605	518302.2	4633547
1506	515636.94	4632607.3	1556	517300.7	4633099	1606	518313	4633617
1507	515647.2	4632635.4	1557	517310.6	4633080	1607	518300.6	4633690
1508	515669.16	4632617.7	1558	517341.9	4633049	1608	518306.4	4633717
1509	515794.9	4632556.7	1559	517374.9	4633039	1609	518334.8	4633741
1510	515838.36	4632582.2	1560	517389.6	4633048	1610	518380.7	4633780
1511	515850.06	4632651.1	1561	517379.4	4633096	1611	518443.1	4633878
1512	515805.07	4632756.8	1562	517362.2	4633131	1612	518433.6	4633818
1513	515805.02	4632760.8	1563	517355.6	4633200	1613	518444.1	4633785
1514	515922.45	4632820.9	1564	517361.8	4633226	1614	518475	4633768
1515	516174.16	4632677.4	1565	517363.5	4633242	1615	518528.5	4633789
1516	516192.31	4632720.8	1566	517380.7	4633260	1616	518606.9	4633792
1517	516235.76	4632808.1	1567	517416.1	4633267	1617	518743	4633789
1518	516261.37	4632882.5	1568	517488.4	4633250	1618	518775.8	4633726
1519	516268.31	4632922.8	1569	517551.9	4633223	1619	518805.2	4633673
1520	516257.14	4632972.5	1570	517602	4633182	1620	518818.7	4633635
1521	516261.01	4633004.3	1571	517669.8	4633167	1621	518818.8	4633634
1522	516275.3	4633050	1572	517687.3	4633160	1622	518856.1	4633628
1523	516323.4	4633101.3	1573	517708.8	4633140	1623	518856	4633630
1524	516367.51	4633132.6	1574	517737.3	4633126	1624	518855.1	4633652
1525	516402.18	4633155.2	1575	517761.8	4633127	1625	518863.8	4633662
1526	516448.83	4633150.4	1576	517810.6	4633142	1626	518884.4	4633675
1527	516513.7	4633125.8	1577	517833.8	4633146	1627	518895.9	4633687
1528	516562.57	4633111.5	1578	517866.8	4633128	1628	518897.9	4633715
1529	516604	4633099.3	1579	517886.3	4633118	1629	518873.1	4633729
1530	516624.02	4633108	1580	517918.5	4633116	1630	518839	4633752
1531	516638.47	4633139.9	1581	517980.8	4633134	1631	518797.5	4633804
1532	516645.62	4633162.3	1582	518003.9	4633141	1632	518793.2	4633837
1533	516665.5	4633182.6	1583	518060.3	4633140	1633	518776.3	4633879
1534	516678.19	4633183.8	1584	518140.5	4633157	1634	518705.1	4633921
1535	516694.12	4633179.8	1585	518156.7	4633175	1635	518596.1	4633910
1536	516724.02	4633157.9	1586	518199.6	4633185	1636	518544.5	4634007
1537	516745.74	4633111.5	1587	518244.5	4633196	1637	518570.8	4634065
1538	516784.01	4633098.2	1588	518323.7	4633181	1638	518581.8	4634119
1539	516803.21	4633104.2	1589	518352.1	4633152	1639	518584.8	4634189
1540	516818.87	4633122.7	1590	518422.4	4633147	1640	518588	4634201
1541	516838.89	4633160.4	1591	518478.3	4633110	1641	518575.3	4634242
1542	516846.28	4633168.3	1592	518511.4	4633112	1642	518687.5	4634322
1543	516862.23	4633182	1593	518552.6	4633141	1643	518742.4	4634379
1544	516884.64	4633194.5	1594	518535.7	4633185	1644	518780.3	4634400
1545	516911.06	4633194.5	1595	518530.7	4633233	1645	518819.8	4634415
1546	516958.44	4633165.4	1596	518516.8	4633278	1646	518843.4	4634436
1547	516999.07	4633162.6	1597	518479.9	4633292	1647	518861.9	4634479
1548	517030.26	4633140.4	1598	518453.8	4633266	1648	518885.5	4634502
1549	517055.64	4633118.8	1599	518426.8	4633262	1649	518907.4	4634526
1550	517084.91	4633096	1600	518410.1	4633301	1650	518938.3	4634601



1651	518983.43	4634683.9	1701	522072.5	4636784			
1652	519003.79	4634708	1702	522127.2	4636900			
1653	519018.16	4634701.8	1703	522175.1	4636970			
1654	519086.72	4634678.8	1704	522206.5	4637000			
1655	519166.32	4634662.2	1705	522237.9	4637036			
1656	519220.4	4634654.9	1706	522271.4	4637069			
1657	519227.99	4634685.2	1707	522287.8	4637111			
1658	519235.58	4634715.5	1708	522304.5	4637135			
1659	519252.96	4634723.6	1709	522327.6	4637150			
1660	519297.53	4634714.6	1710	522365.7	4637154			
1661	519335.57	4634721.4	1711	522384.4	4637184			
1662	519363.95	4634739.2	1712	522401	4637214			
1663	519387.41	4634769.6	1713	522457.5	4637272			
1664	519390.22	4634801.4	1714	522549.9	4637337			
1665	519381.58	4634861.7	1715	522621.3	4637388			
1666	519395.61	4634884.1	1716	522646.2	4637431			
1667	519425.45	4634924.5	1717	522671.5	4637442			
1668	519427.22	4634954.2	1718	522748.5	4637479			
1669	519437.41	4634988.2	1719	522773.9	4637519			
1670	519454	4635018	1720	522789.7	4637556			
1671	519466.54	4635033	1721	522826.5	4637590			
1672	519513.14	4635031.4	1722	522840.7	4637592			
1673	519562.04	4635015.1	1723	522851.7	4637597			
1674	519612.95	4635007.2	1724	522860.5	4637663			
1675	519665.93	4635003.6	1725	522892.8	4637707			
1676	519712.41	4635012.6	1726	522945.7	4637760			
1677	519741.71	4635042.6	1727	522996.1	4637787			
1678	519773	4635083.2	1728	523033.5	4637786			
1679	519793.9	4635106.7	1729	523041.5	4637766			
1680	519827.2	4635148.2	1730	523048.7	4637745			
1681	519905.58	4635082.2	1731	523069	4637755			
1682	520142.06	4635067.7	1732	523079.7	4637739			
1683	520422.45	4635088.2	1733	523098.6	4637733			
1684	520603.05	4635023.6	1734	523119.4	4637747			
1685	520979.8	4635419.9	1735	523128	4637780			
1686	521104.75	4635601.3	1736	523164.1	4637862			
1687	521155.77	4635766	1737	523254.8	4637963			
1688	521281.08	4635915.7						
1689	521359.86	4635969.6						
1690	521406.94	4636017.8						
1691	521458.52	4636134.8						
1692	521505.3	4636209.5						
1693	521573.31	4636279.1						
1694	521636.71	4636380.4						
1695	521718.4	4636457.6						
1696	521764.09	4636534.4						
1697	521843.81	4636598.8						
1698	521875.22	4636628.9						
1699	521947.18	4636631.8						
1700	522016.02	4636721.5						



Aneksi nr. 7

PARKU KOMBËTAR“LLOGARA”

Zona brenda këtij ekosistemi natyror përfshin pyje, sipërfaqe heterogjene bujqësore, sipërfaqe me vegjetacion të pakët, shkurre dhe bimësi barishtore. Mbulesa e tokës brenda sipërfaqes së Parkut Kombëtar, jepet në Tabelën 1, si më poshtë:

Tabela 1. Sipërfaqja e PK-së, e përshkruar sipas mbulesës.

Mbulesa	Sip. në ha	Përqindja
Pyje	974.7	55.1
Sipërfaqe heterogjene bujqësore	1.4	0.1
Sipërfaqe me vegjetacion të pakët	81.2	4.6
Shkurre & Bimësi barishtore	711.9	40.2
Total	1769.2	100.0

Ekosistemi natyror “Llogara”, shpallur “Park Kombëtar” ndahet në tre nënzona ruajtjeje e administrimi si më poshtë vijon:

a) Nënzona Qendrore, me sipërfaqe 1517.5 (një mijë e pesëqind e shtatëmbëdhjetë presjë pesë) ha, e shënuar në hartë me ZQ.

Kjo nënzona përfshin habitatet kryesore pyjore (pyje të lartë, nënpyll, shkurre dhe bimësi barishtore) dhe përcaktohet si zonë me vlera të larta e të rralla për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla e më lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzona lejohen kërkimi shkencor, zhvillimi i veprimtarive ekoturistike të lira në natyrë.

b) Nënzona e Përdorimit Tradicional dhe Zhvillimit të Qëndrueshëm, me sipërfaqe 114.8 (njëqind e katërmëdhjetë presjë tetë) ha, e shënuar në hartë me ZPT/Q.

Kjo nënzona përfshin tokat pyjore, bujqësore e kullotat, dhe territore ujore ku mundësohet vazhdimi i veprimtarive tradicionale si punime për shëndetësimin e pyjeve, aktivitete bujqësore, kullotja, grumbullimi dhe kultivimi i bimëve mjekësore e aromatike, me përdorim të balancuar të tyre dhe nuk lejohen ndërtimet e veprimtaritë që shkaktojnë ndryshimin e gjendjes natyrore të ekosistemit natyror. Në nënzonen e përdorimit tradicional dhe zhvillimit të qëndrueshëm, zbatohet shkalla e dytë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive ekonomike, sociale, agrobiznesit, argëtuese, sportive e ekoturistike, ndërtimi i infrastrukturës sipas planeve të zhvillimit urban e turistik të miratuar nga Këshilli Kombëtar i Territorit (KKT), të cilat nuk cenojnë integritetin ekologjik të ekosistemit natyror dhe respektojnë funksionet e zonës së mbrojtur, vlerat ekologjike dhe ato të peizazhit natyror e kulturor.

c) Nënzona e Rekrecionit me sipërfaqe 136.9 (njëqind e tridhjetë e gjashtë presje nëntë) ha, e shënuar në hartë me ZR.

Në këtë zonë përfshihen pjesë të habitateve pyjore, kullosore dhe ujore. Në këtë zonë zbatohet shkalla e tretë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive turistik, si mundësi shetitje në natyrë, shërbime turistike në mënyrë të tillë që respektojnë funksionet e zonës së mbrojtur, vlerat e tij ekologjike dhe ato të peizazhit natyror, në mbështetje të studimeve urbanistike të miratuar nga KKT-ja.

Zonimi dhe sipërfaqet në Parkun Kombëtar “Llogara” jepen në Tabelën 2.

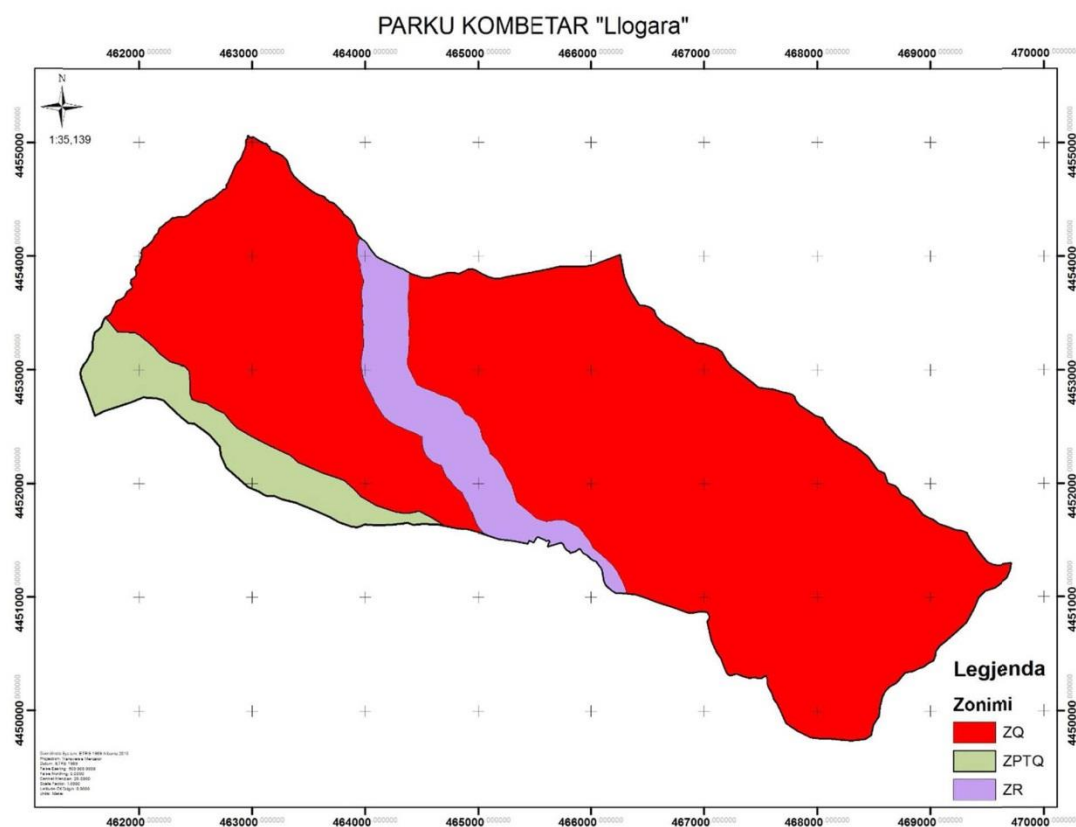


Tabela 2. Zonimi i brendshëm i PK-së.

Zonimi	Sip. në ha	Përqindja
Zona qendrore	1517.5	85.77
Zona e përdorimit tradicional dhe zhvillimit të qëndrueshëm	114.8	6.49
Zona e rekreacionit	136.9	7.74
Totali	1769.2	100

Administrata e Zonave të Mbrojtura, Qarku Vlorë, kryen funksionet menaxhuese të Parkut Kombëtar “Llogara”.

SHTOJCA 1





SHTOJCA 2

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	467562	4450233	51	466248.9	4451042	101	465634.6	4451503
2	467561.8	4450272	52	466232.4	4451042	102	465629	4451507
3	467549.1	4450315	53	466217.3	4451045	103	465617.4	4451508
4	467539.1	4450313	54	466196.2	4451057	104	465608.2	4451503
5	467528	4450310	55	466162.9	4451083	105	465603.3	4451505
6	467518.5	4450306	56	466130.7	4451117	106	465598	4451511
7	467500.7	4450292	57	466126.4	4451125	107	465586.8	4451514
8	467484.8	4450289	58	466120.4	4451136	108	465576.7	4451518
9	467472.1	4450290	59	466116	4451147	109	465529.4	4451540
10	467462	4450294	60	466106.5	4451212	110	465515.1	4451532
11	467450.3	4450297	61	466101.8	4451235	111	465491.8	4451491
12	467429.7	4450297	62	466087.9	4451270	112	465457.9	4451500
13	467392.5	4450295	63	466080.7	4451276	113	465442.9	4451507
14	467340.1	4450308	64	466067	4451293	114	465440.5	4451505
15	467284	4450328	65	466062.6	4451302	115	465429.5	4451481
16	467278.9	4450331	66	466055.7	4451309	116	465429.5	4451478
17	467260.8	4450328	67	466053.1	4451318	117	465308.4	4451506
18	467257	4450325	68	466046.3	4451322	118	465182.5	4451518
19	467246.9	4450319	69	466023.8	4451330	119	465015.5	4451573
20	467237.4	4450316	70	466000.4	4451344	120	464894.5	4451604
21	467226	4450317	71	465989.4	4451359	121	464822	4451608
22	467214.5	4450322	72	465982	4451364	122	464641.2	4451643
23	467205.5	4450329	73	465972.7	4451371	123	464511.4	4451646
24	467196.4	4450344	74	465962.8	4451378	124	464419.7	4451641
25	467189.3	4450359	75	465940.8	4451389	125	464372.1	4451657
26	467180.7	4450384	76	465927.9	4451402	126	464324.3	4451650
27	467151.3	4450461	77	465922.5	4451408	127	464225.1	4451641
28	467113.4	4450520	78	465919.9	4451414	128	464111	4451636
29	467094.5	4450558	79	465908.9	4451430	129	464030.9	4451641
30	467067.1	4450622	80	465895.4	4451437	130	463996.6	4451643
31	467030.3	4450788	81	465854.3	4451408	131	463947.3	4451622
32	467034.7	4450794	82	465835.7	4451405	132	463920.7	4451618
33	467042.2	4450800	83	465820	4451397	133	463874.8	4451625
34	467049.7	4450811	84	465811.7	4451406	134	463770.8	4451662
35	467049.2	4450840	85	465794.1	4451420	135	463687.9	4451707
36	467030.3	4450873	86	465783.6	4451427	136	463568.1	4451762
37	466998.5	4450879	87	465776.6	4451435	137	463393.2	4451831
38	466966.7	4450879	88	465767.8	4451450	138	463263.1	4451864
39	466956.2	4450879	89	465757.5	4451473	139	463196.7	4451894
40	466932.4	4450875	90	465747.7	4451482	140	463131.9	4451892
41	466900.7	4450868	91	465740.7	4451486	141	463107.6	4451904
42	466894.1	4450867	92	465733	4451487	142	463060.3	4451934
43	466861.3	4450870	93	465727.2	4451487	143	462993.9	4451960
44	466837.1	4450878	94	465716.6	4451485	144	462968.2	4451970



45	466724.1	4450920	95	465654.8	4451463	145	462774.8	4452142
46	466597	4450958	96	465622.6	4451454	146	462728.1	4452247
47	466501	4450994	97	465626.8	4451469	147	462716.8	4452328
48	466382.5	4451032	98	465634.1	4451482	148	462624.1	4452437
49	466330.7	4451037	99	465637.8	4451488	149	462493.4	4452531
50	466314.4	4451039	100	465638.1	4451496	150	462443.5	4452535
151	462349.6	4452610	201	462008.8	4453933	251	462819.5	4454703
152	462215.3	4452738	202	462011.1	4453950	252	462851.5	4454781
153	462151.6	4452757	203	462016	4453964	253	462870.1	4454816
154	462035.5	4452765	204	462023.5	4453977	254	462895.3	4454842
155	461933.8	4452722	205	462026.7	4453992	255	462911.9	4454865
156	461691.8	4452644	206	462027.3	4454012	256	462916.9	4454890
157	461613.8	4452605	207	462027.1	4454036	257	462926.3	4454909
158	461546.7	4452792	208	462032.8	4454056	258	462938.3	4454937
159	461494.1	4452928	209	462045.3	4454073	259	462947.6	4454959
160	461490.2	4452980	210	462063	4454079	260	462950.6	4454974
161	461494.9	4453007	211	462082.3	4454093	261	462950.5	4454987
162	461511.6	4453036	212	462094.9	4454106	262	462948.4	4455000
163	461538.3	4453070	213	462110.8	4454120	263	462949.5	4455017
164	461553.2	4453098	214	462124.2	4454138	264	462960.8	4455029
165	461571.5	4453132	215	462139.9	4454171	265	462963.3	4455037
166	461593.1	4453168	216	462154.1	4454190	266	462964.8	4455057
167	461597.7	4453207	217	462170	4454203	267	462970.2	4455050
168	461595.5	4453249	218	462176.6	4454222	268	462973.1	4455045
169	461603.6	4453288	219	462181.4	4454241	269	462976.5	4455042
170	461615	4453329	220	462194	4454254	270	462977.5	4455042
171	461645.2	4453351	221	462217.6	4454266	271	462980.3	4455041
172	461670.3	4453379	222	462236.8	4454288	272	462984.1	4455040
173	461681.3	4453414	223	462263.7	4454306	273	462986.6	4455040
174	461695	4453439	224	462282.2	4454322	274	462990.8	4455040
175	461707.5	4453461	225	462294.7	4454333	275	462996.3	4455041
176	461735.3	4453475	226	462325.2	4454339	276	463003	4455043
177	461755.4	4453490	227	462343.7	4454345	277	463007.4	4455044
178	461764.1	4453510	228	462364	4454345	278	463009.6	4455044
179	461773.9	4453542	229	462381	4454345	279	463011.7	4455044
180	461788.9	4453566	230	462405.5	4454346	280	463014.9	4455043
181	461800	4453592	231	462422.4	4454352	281	463018.4	4455040
182	461812.5	4453608	232	462444.3	4454361	282	463025.6	4455035
183	461840.4	4453616	233	462461.9	4454378	283	463032.4	4455031
184	461860.6	4453628	234	462481.2	4454397	284	463036.4	4455027
185	461878.2	4453646	235	462509.8	4454415	285	463039.9	4455024
186	461889.4	4453669	236	462532.5	4454431	286	463042.6	4455021
187	461901.8	4453688	237	462568.6	4454460	287	463045.1	4455020
188	461916.9	4453701	238	462593.7	4454481	288	463048.3	4455018
189	461934.6	4453710	239	462621.5	4454495	289	463050.6	4455017
190	461945.9	4453728	240	462646	4454504	290	463051.9	4455015



191	461943.1	4453746	241	462671.3	4454512	291	463053.3	4455013
192	461932.7	4453765	242	462704.9	4454543	292	463055.9	4455011
193	461937.5	4453791	243	462730.1	4454565	293	463057.9	4455011
194	461956.4	4453806	244	462746.8	4454580	294	463061.5	4455010
195	461974	4453825	245	462768.9	4454590	295	463064.6	4455009
196	461981.3	4453849	246	462780.5	4454599	296	463067.7	4455008
197	461979.9	4453864	247	462780.3	4454615	297	463069.9	4455007
198	461974.6	4453887	248	462780.2	4454627	298	463072.1	4455004
199	461979.4	4453904	249	462793.8	4454643	299	463074.3	4455002
200	461993.7	4453920	250	462804	4454676	300	463078.3	4455000
301	463083.3	4454999	351	463282.9	4454864	401	464184.2	4453950
302	463087.3	4454998	352	463290.1	4454856	402	464279.1	4453906
303	463089.3	4454996	353	463298.2	4454845	403	464307.8	4453893
304	463095.6	4454991	354	463303	4454837	404	464330.8	4453884
305	463097.8	4454990	355	463305.5	4454830	405	464354.3	4453872
306	463099.4	4454990	356	463306.8	4454822	406	464395.1	4453847
307	463103.3	4454990	357	463308.8	4454816	407	464432.2	4453833
308	463108.2	4454989	358	463310.1	4454810	408	464449.8	4453828
309	463112.2	4454989	359	463314.1	4454803	409	464473.5	4453822
310	463117.5	4454987	360	463319.4	4454790	410	464504	4453811
311	463121.1	4454985	361	463326.3	4454778	411	464533.5	4453807
312	463124.1	4454983	362	463335.6	4454746	412	464546.7	4453807
313	463125.1	4454983	363	463368	4454697	413	464571.6	4453807
314	463127.1	4454981	364	463409.4	4454661	414	464585.8	4453810
315	463128.3	4454979	365	463437.7	4454634	415	464607.3	4453817
316	463129.8	4454977	366	463474.1	4454605	416	464625.3	4453826
317	463134	4454971	367	463540.6	4454560	417	464694.4	4453844
318	463139.3	4454966	368	463563	4454547	418	464719.2	4453849
319	463144.5	4454962	369	463592.2	4454531	419	464744.1	4453852
320	463149.7	4454954	370	463611.3	4454527	420	464762.1	4453854
321	463152.3	4454947	371	463630.5	4454519	421	464781.6	4453854
322	463155.5	4454940	372	463643.8	4454512	422	464827	4453844
323	463159.3	4454933	373	463658.2	4454501	423	464833.5	4453845
324	463163.3	4454929	374	463671.6	4454488	424	464856.7	4453856
325	463167.6	4454925	375	463686.5	4454475	425	464908.4	4453880
326	463174.2	4454922	376	463698.2	4454474	426	464926.9	4453883
327	463180.5	4454920	377	463710.4	4454471	427	464944.7	4453885
328	463184.8	4454918	378	463723.7	4454465	428	464966	4453879
329	463187.9	4454916	379	463767	4454421	429	464992.6	4453862
330	463192.5	4454913	380	463789	4454397	430	465028.8	4453841
331	463196.5	4454912	381	463794.3	4454388	431	465058.5	4453827
332	463200.3	4454913	382	463803.2	4454372	432	465080.8	4453819
333	463203.8	4454912	383	463817.2	4454362	433	465116.9	4453806
334	463205.9	4454911	384	463843.6	4454341	434	465149.4	4453801
335	463208.4	4454910	385	463856.4	4454330	435	465172.5	4453801
336	463211.4	4454910	386	463870.5	4454315	436	465214	4453806



337	463213.3	4454909	387	463886.6	4454288	437	465238.6	4453814
338	463214.4	4454909	388	463896	4454272	438	465541.5	4453869
339	463216.3	4454908	389	463903.3	4454254	439	465613.9	4453881
340	463217.1	4454907	390	463910.3	4454230	440	465721.3	4453906
341	463217.3	4454906	391	463914.1	4454216	441	465848.8	4453907
342	463218	4454904	392	463932.9	4454182	442	465938.8	4453908
343	463219	4454902	393	463941.2	4454173	443	466020.1	4453923
344	463220.3	4454900	394	463964.9	4454151	444	466092.8	4453949
345	463222	4454900	395	463989	4454134	445	466251.5	4454010
346	463223.3	4454900	396	464005.5	4454118	446	466251.5	4454010
347	463226.2	4454902	397	464043.6	4454060	447	466284.6	4453831
348	463250.1	4454890	398	464081	4454010	448	466313.2	4453754
349	463262.1	4454881	399	464099.1	4453994	449	466352.5	4453675
350	463272.9	4454874	400	464130.5	4453974	450	466419.1	4453568
451	466476	4453561	501	468735.7	4451902	551	468295.9	4449743
452	466520.7	4453547	502	468782.6	4451877	552	468185.7	4449755
453	466554	4453520	503	468833.7	4451848	553	468109.4	4449762
454	466572.4	4453471	504	468870.4	4451793	554	468028.9	4449761
455	466611	4453429	505	468930.4	4451722	555	467939.9	4449773
456	466655.8	4453397	506	468977.3	4451697	556	467824.9	4449831
457	466713.2	4453370	507	469019.8	4451681	557	467726.7	4449898
458	466784.9	4453324	508	469065.3	4451643	558	467668.5	4450026
459	466831	4453289	509	469102.5	4451630	559	467644.2	4450076
460	466869.3	4453275	510	469158.3	4451610	560	467620	4450106
461	466894.9	4453260	511	469222.1	4451587	561	467605.5	4450150
462	466924.4	4453234	512	469277.8	4451579	562	467582	4450189
463	466956.2	4453228	513	469315	4451566	563	467562	4450233
464	466995.7	4453223	514	469344.7	4451511			
465	467055.6	4453205	515	469395.9	4451430			
466	467105.3	4453187	516	469457.6	4451354			
467	467150.2	4453153	517	469497.8	4451309			
468	467189.1	4453080	518	469556.4	4451283			
469	467227.7	4453035	519	469601.4	4451279			
470	467311	4452970	520	469659.5	4451287			
471	467418.6	4452891	521	469707.1	4451293			
472	467464.8	4452851	522	469697.2	4451232			
473	467484	4452842	523	469668.8	4451168			
474	467555.2	4452831	524	469626.8	4451136			
475	467608.6	4452827	525	469563.8	4451090			
476	467667.2	4452812	526	469474.1	4451063			
477	467701.7	4452800	527	469416.6	4451004			
478	467742.4	4452793	528	469383.2	4450913			
479	467778.2	4452778	529	469310.6	4450783			
480	467793.8	4452764	530	469221.5	4450700			
481	467809.1	4452726	531	469130.8	4450621			
482	467838	4452690	532	469074.2	4450575			



483	467928.7	4452627	533	469040.9	4450524
484	467975.7	4452596	534	469034.9	4450486
485	468009.7	4452586	535	469020.6	4450446
486	468041.5	4452576	536	468974.3	4450422
487	468071.8	4452520	537	468934.4	4450392
488	468136.1	4452451	538	468890.1	4450374
489	468179	4452406	539	468848	4450355
490	468218.5	4452378	540	468771.9	4450339
491	468267.4	4452353	541	468692.5	4450247
492	468336.6	4452320	542	468631.5	4450217
493	468444.1	4452231	543	468593.8	4450172
494	468491.4	4452166	544	468568.9	4450131
495	468525.9	4452113	545	468556.6	4450091
496	468589.7	4452086	546	468542.4	4450036
497	468600.6	4452055	547	468534.9	4449957
498	468620.3	4452000	548	468484.9	4449881
499	468677.7	4451977	549	468469	4449792
500	468707.6	4451952	550	468418.5	4449757



Aneksi nr. 8

PARKU KOMBËTAR “MALI I TOMORRIT”

Zona brenda këtij ekosistemit natyror përfshin pyje, tokë pyjore, bujqësore, shkurre, sipërfaqe heterogjene bujqësore, sipërfaqe me vegjetacion të pakët, kullota, dhe bimësi pyjore. Mbulesa e tokës brenda sipërfaqes së Parkut Kombëtar “Mali i Tomorrit”, jepet në Tabelën 1 të këtij vendimi si më poshtë vijon:

Tabela 1. Sipërfaqja e PK-së, e përshkruar sipas mbulesës.

Mbulesa	Sip. në ha	Përqindja
Pyje	9758.7	35.93
Sipërfaqe heterogjene bujqësore	2758.6	10.16
Sipërfaqe me vegjetacion të pakët	1202.6	4.43
Kullota	1186.4	4.37
Bujqësore	271	1.00
Shkurre & Bimësi barishtore	11881.2	43.75
Zona Urbane	100	0.37
Total	27158.5	100.00

Ekosistemi natyror “Mali i Tomorrit”, shpallur “Park Kombëtar” ndahet në tre nënzona ruajtjeje e administrimi, si më poshtë vijon:

a) Nënzona Qendrore, me sipërfaqe 7416.78 (shtatë mijë e katërqind e gjashtëmbëdhjetë presje shtatëdhjetë e tetë) ha, e shënuar në hartë me ZQ.

Kjo nënzona përfshin habitatet kryesore pyjore (pyje të lartë, cungishte e shkurre) dhe përcaktohet si zonë me vlera të larta e të rralla për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla më e lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzona lejohen kërkimi shkencor, zhvillimi i veprimtarive ekoturistike të lira në natyrë.

b) Nënzona e Përdorimit Tradicional dhe Zhvillimit të Qëndrueshëm, me sipërfaqe 19678.92 (nëntëmbëdhjetë mijë e gjashtëind e shtatëdhjetë e tetë presje nëndhjetë e dy) ha, e shënuar në hartë me ZPTQ.

Kjo nënzona përfshin tokat pyjore, bujqësore e kullotat, ku mundësohet vazhdimi i veprimtarive tradicionale si punime për shëndetësimin e pyjeve, aktivitete bujqësore, kullotja, grumbullimi dhe kultivimi i bimëve mjekësore e aromatike, me përdorim të balancuar të tyre dhe nuk lejohen ndërtimet e veprimtaritë ekonomike që shkaktojnë ndryshimin e gjendjes natyrore të ekosistemit natyror. Në nënzona e përdorimit tradicional dhe zhvillimit të qëndrueshëm, zbatohet shkalla e dytë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive ekonomike, sociale, agrobiznesit, argëtuese, sportive e ekoturistike, ndërtimi i infrastrukturës sipas planeve të zhvillimit urban e turistik të miratuar nga Këshilli Kombëtar i Territorit (KKT), të cilat nuk çenojnë integritetin ekologjik të ekosistemit natyror dhe respektojnë funksionet e zonës së mbrojtur, vlerat ekologjike dhe ato të peizazhit natyror e kulturor.

c) Nënzona e Rekreacionit me sipërfaqe 62.8 (gjashtëdhjetë e dy presje tetë) ha, e shënuar në hartë me ZR.

Në këtë zonë përfshihen pjesë të habitateve pyjore. Në këtë zonë zbatohet shkalla e tretë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive turistike, si mundësi shëtitjeje në natyrë, shërbime turistike në mënyrë të tillë që respektojnë funksionet e zonës së mbrojtur, vlerat e tij ekologjike dhe ato të peizazhit natyror, në mbështetje të studimeve urbanistike të miratuar nga KKT-ja.

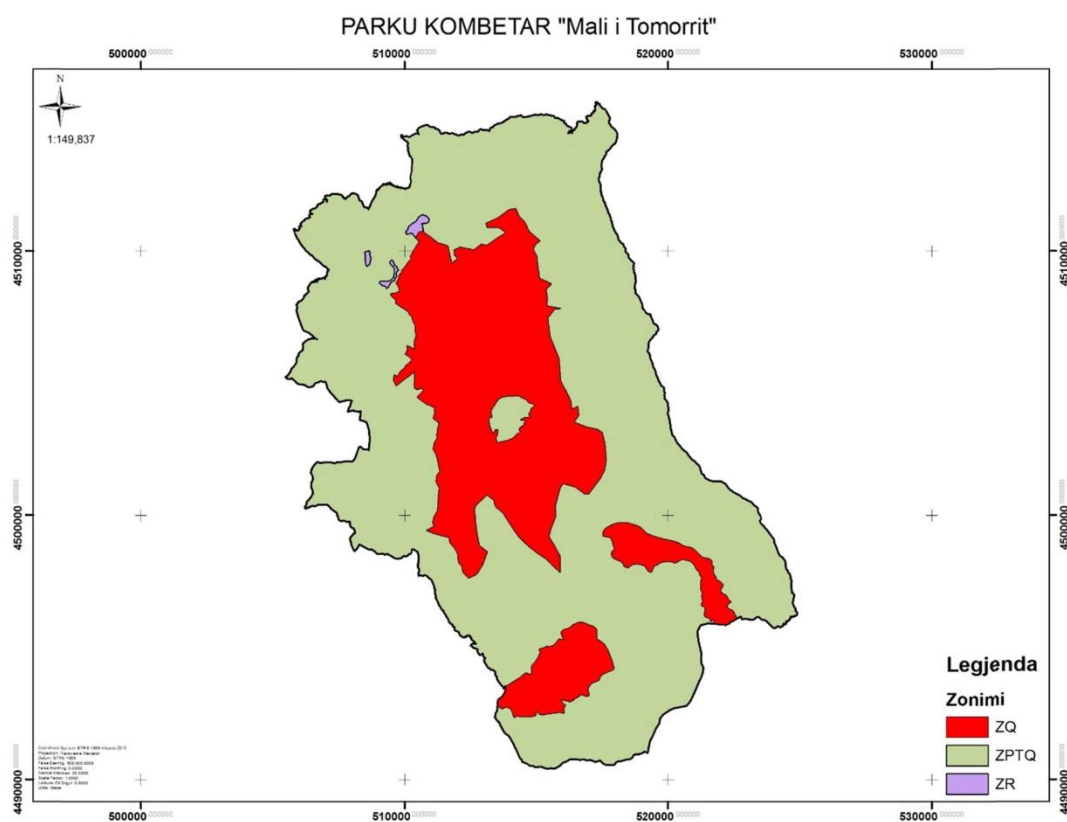
Zonimi dhe sipërfaqet në Parkun Kombëtar “Mali i Tomorrit” jepen në Tabelën 2.

Tabela 2. Zonimi i brendshëm i PK.

Zonimi	Sip. në ha	Përqindja
Zona qendrore	7416.78	27.31
Zona e përdorimit tradicional dhe zhvillimit të qëndrueshëm	19678.92	72.46
Zona e rekreacionit	62.8	0.23
Totali	27158.5	100

Administratat e Zonave të Mbrojtura Qarku Berat dhe Elbasan, kryejnë funksionet menaxhuese të Parkut Kombëtar “Mali i Tomorrit”.

SHTOJCA 1





SHTOJCA 2

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	517597.25	4515356.6	51	517954.3	4514081	101	517370.8	4512850
2	517670.74	4515232.9	52	517911.4	4514061	102	517356.7	4512782
3	517677.36	4515209.7	53	517855.8	4513997	103	517351.3	4512742
4	517685.08	4515182.2	54	517810.4	4513934	104	517351.6	4512700
5	517697.95	4515167.6	55	517784.5	4513913	105	517363.1	4512632
6	517710.79	4515156.1	56	517753.2	4513874	106	517402.1	4512544
7	517716.29	4515138.1	57	517729.6	4513851	107	517409.2	4512531
8	517719.71	4515117	58	517710.7	4513838	108	517409.4	4512508
9	517738.17	4515075.9	59	517694.9	4513826	109	517412.5	4512474
10	517762.78	4515054	60	517678.4	4513813	110	517417.4	4512456
11	517775.67	4515037.2	61	517652.4	4513792	111	517418.8	4512417
12	517776.84	4515027.7	62	517637.5	4513780	112	517423.7	4512398
13	517773.83	4515012.8	63	517626.6	4513763	113	517419.8	4512371
14	517764.45	4515000	64	517624.5	4513735	114	517420.8	4512344
15	517746.68	4514958.4	65	517628	4513711	115	517413	4512327
16	517747.65	4514948.9	66	517622.7	4513683	116	517414.6	4512302
17	517734.38	4514885.9	67	517616.2	4513666	117	517414.8	4512289
18	517731.45	4514864.4	68	517588.9	4513641	118	517432.1	4512251
19	517733.25	4514846.1	69	517569.7	4513610	119	517438	4512199
20	517740.57	4514831.1	70	517552	4513581	120	517440.4	4512178
21	517751.34	4514811	71	517541.3	4513550	121	517442	4512163
22	517772.9	4514781.5	72	517537.8	4513530	122	517445.6	4512143
23	517792.1	4514769	73	517531.6	4513511	123	517448.4	4512128
24	517800.97	4514756.4	74	517512.8	4513494	124	517456.4	4512117
25	517804.28	4514745.3	75	517501.3	4513483	125	517469.2	4512097
26	517808.54	4514719.9	76	517489.8	4513468	126	517480.8	4512074
27	517812.71	4514701.7	77	517463.5	4513402	127	517490.3	4512050
28	517836.68	4514689.3	78	517464.6	4513368	128	517508.8	4511967
29	517870.13	4514680.1	79	517454	4513321	129	517517.8	4511925
30	517884.54	4514670	80	517450	4513256	130	517526.5	4511904
31	517919.42	4514606.1	81	517454.1	4513222	131	517541.5	4511892
32	517948.24	4514585.7	82	517457	4513205	132	517553.3	4511879
33	517976.3	4514562.2	83	517459.5	4513165	133	517561.9	4511863
34	518001.97	4514539.5	84	517468.9	4513130	134	517568.5	4511843
35	518017.38	4514511.1	85	517470.1	4513118	135	517580.7	4511792
36	518026.43	4514483.4	86	517465.1	4513090	136	517593.8	4511762
37	518043.45	4514452.6	87	517456.4	4513067	137	517603.5	4511745
38	518050.9	4514426.5	88	517446.2	4513058	138	517610.1	4511723
39	518048.17	4514371.4	89	517437.3	4513051	139	517619.9	4511698
40	518035.69	4514352.2	90	517431	4513044	140	517633	4511665
41	518032.69	4514336.3	91	517426.5	4513025	141	517649.2	4511634
42	518032.91	4514317.3	92	517426.7	4513010	142	517656.9	4511609
43	518039.55	4514291.9	93	517424.2	4512997	143	517681.9	4511551



44	518034.41	4514278.1	94	517417.3	4512992	144	517695.1	4511510
45	518022.28	4514228.2	95	517406.3	4512988	145	517697.5	4511483
46	518011.13	4514184.7	96	517394.7	4512984	146	517708.5	4511445
47	518005.13	4514153.9	97	517389	4512971	147	517755	4511364
48	517990.67	4514122	98	517389.2	4512955	148	517776.8	4511312
49	517976.2	4514091.1	99	517390.6	4512924	149	517784.5	4511286
50	517963.61	4514080.4	100	517379.5	4512872	150	517799.2	4511230
151	517809.1	4511197.1	201	518621.1	4509609	251	519006.5	4507837
152	517821.51	4511153.5	202	518645.1	4509591	252	519017.6	4507822
153	517832.13	4511127.5	203	518661.2	4509575	253	519039.5	4507793
154	517841.12	4511105.3	204	518669.3	4509559	254	519094.8	4507756
155	517849.52	4511064.9	205	518668.2	4509542	255	519114.2	4507720
156	517848.55	4511033.7	206	518663.4	4509499	256	519136.8	4507691
157	517858.33	4511011.6	207	518658.5	4509461	257	519159.3	4507663
158	517863.78	4510997.9	208	518661.5	4509430	258	519189.7	4507647
159	517869.26	4510982	209	518669.9	4509390	259	519239.3	4507614
160	517872.72	4510956.7	210	518654.1	4509364	260	519256.6	4507608
161	517875.03	4510939.7	211	518658.8	4509320	261	519287.1	4507604
162	517878.35	4510927.1	212	518674	4509287	262	519317.6	4507593
163	517875.41	4510906.9	213	518667	4509249	263	519325.9	4507568
164	517891.6	4510879.6	214	518667.4	4509220	264	519328.8	4507541
165	517919.55	4510842.8	215	518675	4509201	265	519338.4	4507515
166	517931.56	4510810.2	216	518685.8	4509185	266	519353.3	4507483
167	517942.46	4510782.8	217	518701.9	4509162	267	519373.5	4507450
168	517953.34	4510757.5	218	518708.4	4509148	268	519391.1	4507415
169	517969.57	4510727	219	518710.8	4509129	269	519404.7	4507389
170	517986.77	4510703.9	220	518716.4	4509100	270	519407.6	4507362
171	518007.16	4510679.7	221	518729.3	4509078	271	519410.7	4507322
172	518032.96	4510646.1	222	518735.8	4509067	272	519429.6	4507287
173	518050.22	4510617.8	223	518736.1	4509042	273	519461.8	4507252
174	518058.04	4510581.8	224	518736.3	4509022	274	519497.8	4507231
175	518060.58	4510544.8	225	518733.5	4508994	275	519533.7	4507210
176	518069.41	4510513.2	226	518732.7	4508969	276	519585.9	4507167
177	518078.23	4510482.6	227	518730.9	4508939	277	519604.9	4507123
178	518113.65	4510411.4	228	518731.1	4508918	278	519608	4507084
179	518179.74	4510325.6	229	518745.3	4508887	279	519608.4	4507049
180	518213.48	4510291.1	230	518748.7	4508864	280	519608.7	4507019
181	518243.09	4510271.6	231	518744.8	4508838	281	519586.4	4506999
182	518267.11	4510254.4	232	518731.3	4508808	282	519553.7	4506971
183	518279.33	4510226.7	233	518725.3	4508782	283	519543.4	4506941
184	518289.21	4510195.9	234	518717.2	4508748	284	519535.9	4506900
185	518300.66	4510166.6	235	518709.1	4508720	285	519525.6	4506880
186	518333.65	4510128.9	236	518697.7	4508696	286	519505.9	4506870
187	518353.73	4510109.3	237	518693.8	4508662	287	519470.3	4506857
188	518354.24	4510064	238	518694.1	4508636	288	519460.3	4506852
189	518355.9	4510003.2	239	518706.1	4508605	289	519410.7	4506775



190	518368.25	4509965	240	518730.6	4508544	290	519324.1	4506667
191	518392.43	4509933.5	241	518737.3	4508423	291	519263.7	4506571
192	518416.41	4509919.2	242	518760.2	4508392	292	519252.6	4506528
193	518439.13	4509899.6	243	518807.1	4508339	293	519247.8	4506481
194	518452.56	4509882.6	244	518877.1	4508239	294	519253.7	4506429
195	518466.29	4509839.1	245	518900.8	4508186	295	519251	4506388
196	518470.62	4509807.3	246	518930.5	4508132	296	519236.6	4506347
197	518474.93	4509778.3	247	518970.8	4508027	297	519227.6	4506309
198	518495.24	4509737.5	248	518984.5	4507985	298	519210.4	4506236
199	518548.96	4509669.3	249	518995.1	4507905	299	519220.4	4506193
200	518585.14	4509630	250	519006.4	4507869	300	519232.6	4506172
301	519248.56	4506161.8	351	519978.4	4504217	401	521160.5	4501875
302	519262.94	4506154.1	352	519973.6	4504175	402	521182.5	4501806
303	519270.23	4506141.4	353	519978.3	4504129	403	521205.9	4501727
304	519276.81	4506120.9	354	519987.1	4504100	404	521231.7	4501665
305	519284.97	4506101.9	355	519991.3	4504013	405	521238.6	4501639
306	519295.51	4506083	356	519988.7	4503964	406	521245.5	4501618
307	519301.39	4506054.4	357	519984.9	4503928	407	521259.1	4501585
308	519312.94	4505946.6	358	519985.4	4503882	408	521281.9	4501556
309	519332.57	4505896.8	359	519986	4503830	409	521312.8	4501537
310	519379.14	4505782.2	360	520018.3	4503691	410	521330.3	4501534
311	519403.65	4505721.3	361	520036.5	4503598	411	521338.6	4501504
312	519414.5	4505675.4	362	520053	4503541	412	521370.7	4501468
313	519420.54	4505632.5	363	520061.7	4503478	413	521396.7	4501416
314	519448.1	4505565.7	364	520071.6	4503420	414	521419.2	4501392
315	519485.37	4505501	365	520076.3	4503363	415	521475	4501372
316	519503.35	4505456.1	366	520074.2	4503331	416	521494.2	4501361
317	519521.3	4505413.4	367	520083.1	4503300	417	521527.9	4501330
318	519528	4505383.3	368	520084.3	4503281	418	521593.3	4501312
319	519529.9	4505355.5	369	520096.4	4503243	419	521712.6	4501287
320	519535.09	4505318.3	370	520100.8	4503226	420	521819.1	4501284
321	519542.47	4505297.7	371	520105.4	4503195	421	521923.9	4501285
322	519554.69	4505270.8	372	520114.3	4503158	422	521982.7	4501278
323	519561.24	4505253.4	373	520124.2	4503127	423	522150.5	4501189
324	519577.38	4505230.6	374	520130.9	4503101	424	522245.8	4501054
325	519587.22	4505202.9	375	520137.4	4503083	425	522273.9	4501016
326	519611.7	4505145.2	376	520149.4	4503051	426	522319	4500981
327	519631.49	4505081.1	377	520171	4503013	427	522348.5	4500950
328	519683.45	4504988.9	378	520203.2	4502978	428	522387.7	4500925
329	519706.44	4504954.8	379	520236.4	4502942	429	522408.4	4500913
330	519742.46	4504909.8	380	520255.9	4502902	430	522442.3	4500870
331	519802.64	4504862.3	381	520271.3	4502857	431	522457.9	4500863
332	519821.22	4504834.7	382	520293	4502806	432	522483.9	4500852
333	519824.23	4504788.6	383	520322.3	4502747	433	522579.4	4500812
334	519826.35	4504733.1	384	520369.5	4502693	434	522604.9	4500790
335	519846.83	4504677.8	385	520476.4	4502561	435	522699.9	4500753



336	519855.87	4504650.9	386	520523.3	4502512	436	522719.2	4500731
337	519858.49	4504630.2	387	520555.4	4502480	437	522744.9	4500707
338	519855.56	4504608	388	520592.8	4502451	438	522799.3	4500669
339	519847.23	4504572.9	389	520635.5	4502423	439	522830.3	4500645
340	519841.97	4504546.7	390	520654.1	4502411	440	522864.4	4500621
341	519850.59	4504509.1	391	520675.5	4502394	441	522897.4	4500606
342	519847.53	4504458.8	392	520691.6	4502370	442	522919.7	4500606
343	519856.38	4504426.1	393	520724	4502317	443	522945.1	4500598
344	519877.79	4504405.1	394	520759	4502269	444	522962.3	4500583
345	519899.29	4504376.8	395	520808.7	4502201	445	523011.5	4500544
346	519927.29	4504334.8	396	520923.8	4502086	446	523091.2	4500518
347	519942.34	4504314.8	397	520979.8	4502057	447	523130.5	4500503
348	519952.1	4504294.8	398	521030.5	4502019	448	523178.7	4500461
349	519960.76	4504278	399	521050.7	4501987	449	523192.7	4500440
350	519972.8	4504243.2	400	521083	4501939	450	523203.5	4500416
451	523219.76	4500385.6	501	524508.5	4497912	551	524779.3	4496201
452	523273.02	4500357.6	502	524522.4	4497878	552	524776	4496196
453	523307.05	4500344.2	503	524531.4	4497860	553	524771.4	4496197
454	523348.76	4500307.6	504	524552.3	4497835	554	524760.1	4496203
455	523369.31	4500269.8	505	524580.4	4497808	555	524746.2	4496202
456	523372.24	4500197.8	506	524603.9	4497762	556	524734.4	4496193
457	523372.6	4500166	507	524617.1	4497721	557	524728.5	4496184
458	523386.89	4500119.6	508	524624.6	4497690	558	524721.9	4496180
459	523407.45	4500080.7	509	524626.7	4497649	559	524707.4	4496182
460	523452.16	4500020.7	510	524641.7	4497583	560	524680.8	4496194
461	523468.3	4499998.6	511	524652.5	4497565	561	524652.9	4496195
462	523484.55	4499966	512	524664.4	4497538	562	524637.3	4496191
463	523492.26	4499939.6	513	524663.9	4497489	563	524627.9	4496183
464	523501.05	4499911.1	514	524651.6	4497459	564	524629.6	4496179
465	523504.49	4499887.8	515	524647.8	4497421	565	524633.2	4496169
466	523478.58	4499851.2	516	524658.9	4497372	566	524635.7	4496158
467	523452.39	4499814.2	517	524654.4	4497303	567	524636.2	4496151
468	523452.65	4499792	518	524654.7	4497271	568	524633.9	4496144
469	523461.44	4499763.5	519	524665.8	4497227	569	524625.6	4496138
470	523501.5	4499685.6	520	524665.4	4497186	570	524615.4	4496132
471	523525.99	4499678	521	524688.4	4497130	571	524603.9	4496128
472	523547.33	4499662.3	522	524688.9	4497082	572	524602.7	4496119
473	523753.13	4499428.8	523	524697.1	4497062	573	524607.4	4496102
474	523877.43	4499252.3	524	524722.8	4497045	574	524610.2	4496096
475	523927.29	4499197.3	525	524743.8	4497032	575	524608.3	4496093
476	523982.9	4499133.4	526	524760	4497000	576	524599.2	4496087
477	524004.99	4499052.1	527	524755.6	4496922	577	524588.1	4496083
478	524018.18	4498981.9	528	524749.5	4496880	578	524583	4496077
479	524030.48	4498916.3	529	524732.5	4496857	579	524579.5	4496068
480	524055.74	4498872.7	530	524704.9	4496694	580	524574.9	4496060
481	524076.32	4498831.6	531	524707.8	4496680	581	524557.6	4496045



482	524105.34	4498762.5	532	524709	4496665	582	524550.9	4496035
483	524127.43	4498667.9	533	524743	4496587	583	524536	4496023
484	524172.87	4498560	534	524779.3	4496532	584	524528.1	4496022
485	524204.69	4498499	535	524808.4	4496488	585	524518.1	4496024
486	524223.92	4498483.3	536	524815	4496469	586	524503.9	4496017
487	524252.82	4498456.1	537	524813.7	4496443	587	524498.1	4496007
488	524303.87	4498435.5	538	524808.7	4496396	588	524492.6	4496001
489	524332.78	4498407.2	539	524851.2	4496363	589	524485.8	4496001
490	524390.6	4498319.5	540	524867.2	4496350	590	524481.8	4496005
491	524409.85	4498302.8	541	524875.3	4496331	591	524477.8	4496012
492	524428.38	4498256.4	542	524874.1	4496303	592	524468	4496019
493	524435.11	4498222.6	543	524863.3	4496263	593	524459.8	4496017
494	524432.41	4498181.3	544	524864	4496255	594	524457.5	4496014
495	524434.13	4498123.1	545	524858.9	4496237	595	524458.2	4496005
496	524441.91	4498090.3	546	524841.2	4496223	596	524465.6	4495997
497	524447.68	4498048	547	524815.4	4496228	597	524469.7	4495990
498	524449.03	4498022.6	548	524804.8	4496227	598	524471.7	4495982
499	524456.79	4497992	549	524789	4496223	599	524471.8	4495975
500	524485.91	4497945	550	524781.8	4496211	600	524467.9	4495968
601	524463.25	4495960.4	651	524001.2	4495771	701	521799	4495924
602	524458.26	4495945.2	652	523988.6	4495774	702	521769.9	4495919
603	524456.86	4495930.7	653	523975.4	4495778	703	521748.7	4495922
604	524457.79	4495919.2	654	523871.2	4495892	704	521706.8	4495923
605	524453.48	4495913.6	655	523811.7	4495952	705	521672.6	4495924
606	524443.22	4495908.3	656	523729.9	4496025	706	521541.6	4495945
607	524430.11	4495908.9	657	523665.9	4496066	707	521433.6	4495922
608	524412.2	4495913.1	658	523619.7	4496083	708	521207.9	4495870
609	524406.98	4495918.2	659	523557.8	4496079	709	521166.4	4495778
610	524402.94	4495924.1	660	523496.9	4496120	710	521090.4	4495615
611	524397.73	4495928	661	523437.6	4496173	711	521116.5	4495301
612	524392.16	4495929.5	662	523407.3	4496182	712	521116.3	4495301
613	524387	4495929.1	663	523372.4	4496182	713	521210.3	4494911
614	524383.07	4495925.5	664	523342.3	4496174	714	521243.3	4494770
615	524377.95	4495921.4	665	523302.8	4496151	715	521226.8	4494578
616	524374.36	4495923	666	523284	4496132	716	521241.4	4494410
617	524364.03	4495923.7	667	523246.2	4496107	717	521311.8	4494231
618	524358.56	4495916.5	668	523200.4	4496081	718	521274.1	4493975
619	524351.14	4495905.7	669	523143.8	4496072	719	521166.7	4493741
620	524348.42	4495900.1	670	523135.4	4496071	720	521014.1	4493403
621	524347	4495885	671	523047.9	4496088	721	520885.9	4493125
622	524350.33	4495871.9	672	523022.3	4496097	722	520805	4492951
623	524349.27	4495860.4	673	522990.4	4496111	723	520672.2	4492820
624	524345.8	4495851.2	674	522928.5	4496107	724	520205.8	4492729
625	524341.15	4495840.8	675	522866.1	4496112	725	520000	4492620
626	524334.02	4495839.6	676	522847.3	4496111	726	519791.3	4492485
627	524314.19	4495837.7	677	522797.3	4496093	727	519667.5	4492329



628	524305.46	4495837.2	678	522746.6	4496196	728	519654.3	4492164
629	524296.39	4495831.6	679	522708.6	4496182	729	519527.2	4491953
630	524280.37	4495808.4	680	522673.9	4496160	730	519463.6	4491799
631	524275.69	4495801.2	681	522638.1	4496144	731	519379	4491629
632	524257.53	4495791.8	682	522611.8	4496132	732	519314.4	4491494
633	524238.39	4495790.4	683	522585.4	4496119	733	519267.3	4491293
634	524227.2	4495796.6	684	522557.1	4496100	734	519214.3	4491031
635	524222.36	4495802.9	685	522520.2	4496081	735	519196.3	4491058
636	524220.12	4495814	686	522459.2	4496044	736	519157	4491068
637	524212.6	4495823.4	687	522438.2	4496028	737	519122	4491074
638	524190.76	4495835.4	688	522409.8	4496014	738	519102.9	4491078
639	524172.72	4495838.9	689	522381.3	4496009	739	519081.7	4491081
640	524155.34	4495831.2	690	522347.5	4495998	740	519044.9	4491063
641	524140.58	4495825.3	691	522333.9	4495991	741	519031.3	4491048
642	524118.48	4495813.9	692	522306.7	4495959	742	519028.1	4491044
643	524101.13	4495803.1	693	522279.5	4495927	743	518984.9	4491026
644	524083.28	4495789.7	694	522232.1	4495901	744	518912.2	4490997
645	524075.96	4495782.2	695	522209.2	4495891	745	518840.4	4490983
646	524068.62	4495775.2	696	522173.6	4495884	746	518795.9	4490981
647	524054.88	4495773.5	697	522106	4495886	747	518758.9	4490980
648	524036.47	4495763.2	698	522002	4495886	748	518734.5	4490979
649	524023.73	4495765.7	699	521867.5	4495914	749	518721.9	4490976
650	524014.64	4495774.1	700	521832.7	4495921	750	518681.9	4490952
751	518668.27	4490940.4	801	517052.5	4490761	851	515105.5	4490501
752	518634	4490880.8	802	517034.1	4490763	852	515058	4490487
753	518557.43	4490817.4	803	517014.9	4490762	853	515022.3	4490485
754	518507.37	4490797	804	516956.9	4490749	854	514994.6	4490485
755	518409.72	4490772.3	805	516929	4490752	855	514976.7	4490489
756	518297.68	4490755.2	806	516860	4490768	856	514960.8	4490494
757	518194.28	4490723.3	807	516834.8	4490774	857	514946.7	4490499
758	518161.56	4490714.5	808	516816	4490779	858	514911.2	4490525
759	518103.62	4490715.1	809	516762.2	4490783	859	514881.5	4490533
760	518067.52	4490697.5	810	516730.4	4490779	860	514757.7	4490550
761	518048.57	4490687.8	811	516648.3	4490768	861	514743.7	4490554
762	518008.08	4490666.8	812	516579.9	4490776	862	514680.1	4490591
763	517990.01	4490647.4	813	516483.4	4490792	863	514653.4	4490612
764	517967.55	4490623.3	814	516472.7	4490793	864	514618.7	4490632
765	517953.95	4490597.4	815	516386.9	4490799	865	514578.9	4490645
766	517939.59	4490579.3	816	516343.5	4490799	866	514541.7	4490655
767	517909.96	4490566.4	817	516317.1	4490798	867	514508.4	4490673
768	517876.92	4490562.7	818	516273.6	4490789	868	514474	4490674
769	517843.13	4490566.3	819	516244.3	4490773	869	514460.3	4490715
770	517815.94	4490571.3	820	516241.7	4490772	870	514460.1	4490731
771	517794.05	4490575.7	821	516210.6	4490754	871	514460	4490742
772	517752.75	4490574.3	822	516152.8	4490714	872	514443.8	4490764
773	517717.29	4490576.2	823	516097.1	4490683	873	514435.8	4490776



774	517689.5	4490575.8	824	516032.6	4490672	874	514415.7	4490793
775	517637.12	4490584.5	825	516002.1	4490658	875	514395.7	4490810
776	517615.24	4490588.2	826	515960	4490631	876	514341.5	4490891
777	517594.65	4490595.3	827	515913	4490579	877	514260.3	4491101
778	517559.83	4490615.1	828	515868	4490535	878	514195.2	4491215
779	517545.53	4490623.3	829	515853.3	4490522	879	514112.4	4491390
780	517489.87	4490674.8	830	515791.2	4490492	880	514006.1	4491586
781	517428.2	4490742.9	831	515721.7	4490451	881	513936	4491688
782	517414.26	4490747.4	832	515696.4	4490442	882	513860	4491744
783	517408.91	4490752	833	515638.1	4490446	883	513797.8	4491790
784	517403.59	4490754.6	834	515604.8	4490450	884	513684.1	4492000
785	517382.52	4490745.1	835	515576.2	4490451	885	513634.9	4492092
786	517370.55	4490738.6	836	515537.5	4490453	886	513601.3	4492161
787	517340.92	4490725.1	837	515521.9	4490446	887	513596.2	4492191
788	517330.88	4490721.5	838	515486.1	4490432	888	513576.9	4492207
789	517281.61	4490703.9	839	515462.3	4490427	889	513554.5	4492223
790	517268.44	4490698.4	840	515427.8	4490436	890	513532.1	4492238
791	517245.32	4490694.2	841	515389.4	4490442	891	513516	4492262
792	517229.46	4490692.7	842	515360.2	4490444	892	513501.3	4492290
793	517205.47	4490704.4	843	515307.1	4490459	893	513486.8	4492309
794	517186.87	4490713.4	844	515299.1	4490463	894	513470.7	4492333
795	517169.08	4490719.9	845	515268.5	4490477	895	513459.4	4492349
796	517155.54	4490734.2	846	515248.5	4490493	896	513449.7	4492364
797	517136.33	4490735.3	847	515232.5	4490505	897	513442	4492372
798	517112.48	4490737.7	848	515199.3	4490512	898	513451.6	4492451
799	517094.54	4490744.1	849	515162.3	4490508	899	513457.4	4492499
800	517079.26	4490749.9	850	515141.2	4490500	900	513470.8	4492532
901	513482.1	4492558.8	951	513786.5	4493532	1001	513047.9	4494446
902	513498.79	4492580.2	952	513779.5	4493505	1002	513037	4494473
903	513503.86	4492600.4	953	513765.3	4493472	1003	513021.2	4494513
904	513513.16	4492620.6	954	513757.4	4493469	1004	513018.3	4494530
905	513517.12	4492645	955	513748.5	4493491	1005	513022.3	4494545
906	513522.14	4492668.3	956	513740.1	4493518	1006	513032	4494561
907	513523.95	4492695.9	957	513723.9	4493544	1007	513048.1	4494603
908	513529	4492717.1	958	513699.8	4493572	1008	513065.9	4494611
909	513532	4492733	959	513654.2	4493623	1009	513074.4	4494618
910	513532.67	4492766.9	960	513609.2	4493680	1010	513065	4494629
911	513537.7	4492790.3	961	513559.4	4493751	1011	513049.7	4494632
912	513545.24	4492989.7	962	513533.1	4493801	1012	513033.1	4494642
913	513578.16	4493042.4	963	513516.3	4493818	1013	513009	4494664
914	513596.09	4493055.2	964	513512.9	4493831	1014	512994.8	4494687
915	513612.66	4493067.1	965	513512.4	4493863	1015	512975.6	4494748
916	513623.72	4493080.3	966	513512.1	4493886	1016	512975.3	4494778
917	513634.35	4493093	967	513505.6	4493903	1017	512971.2	4494790
918	513648.49	4493106.4	968	513490.2	4493931	1018	512959.2	4494794
919	513666.83	4493121.9	969	513454.8	4493966	1019	512950	4494792



920	513689.78	4493130.2	970	513445	4493987	1020	512936.8	4494783
921	513696.91	4493134.9	971	513441.3	4494033	1021	512929	4494771
922	513725.34	4493142.2	972	513445.1	4494049	1022	512914.6	4494761
923	513734.67	4493159.2	973	513456.1	4494065	1023	512890.9	4494749
924	513737.14	4493175.1	974	513457.5	4494082	1024	512872.5	4494743
925	513737.02	4493185.6	975	513449.4	4494094	1025	512860.5	4494745
926	513736.87	4493198.4	976	513442.1	4494103	1026	512843.8	4494760
927	513737.82	4493207.9	977	513430.8	4494120	1027	512818.4	4494785
928	513745.82	4493221.8	978	513414.1	4494129	1028	512794	4494829
929	513750.46	4493229.5	979	513395.7	4494141	1029	512773.2	4494859
930	513762.95	4493246.6	980	513388.4	4494154	1030	512759.6	4494889
931	513780.08	4493261.9	981	513357.2	4494175	1031	512760.2	4494901
932	513790.71	4493269.5	982	513344.4	4494178	1032	512766	4494910
933	513798.9	4493282.3	983	513330.1	4494178	1033	512774.4	4494924
934	513803.92	4493295.1	984	513315.1	4494176	1034	512777.6	4494940
935	513806.18	4493305.4	985	513300	4494175	1035	512776.7	4494958
936	513802.32	4493323.2	986	513289.6	4494180	1036	512772.6	4494967
937	513799.89	4493334.5	987	513276.8	4494191	1037	512761.3	4494971
938	513814.56	4493355.9	988	513255.9	4494208	1038	512742.5	4494971
939	513823.98	4493365.5	989	513238.2	4494230	1039	512708.3	4494981
940	513838.54	4493389	990	513223.8	4494237	1040	512685.1	4494994
941	513845.52	4493490.1	991	513208	4494236	1041	512665.2	4494999
942	513836.48	4493497.5	992	513199.2	4494240	1042	512645.3	4495004
943	513829.76	4493506.7	993	513177.5	4494262	1043	512617.3	4495018
944	513826.29	4493521.2	994	513165.1	4494283	1044	512597.3	4495031
945	513825.24	4493534.8	995	513153.3	4494302	1045	512584.5	4495046
946	513823.18	4493561.5	996	513130.8	4494325	1046	512560.4	4495068
947	513819.12	4493569.4	997	513117.2	4494355	1047	512548.3	4495081
948	513811.84	4493570	998	513107.4	4494375	1048	512537.9	4495088
949	513804.62	4493564.6	999	513080.6	4494406	1049	512531.6	4495090
950	513796.12	4493555.3	1000	513061.3	4494427	1050	512523.6	4495092
1051	512524.65	4495092.9	1101	512036.7	4495632	1151	511354.3	4496587
1052	512524.2	4495099.6	1102	512036.3	4495632	1152	511327	4496614
1053	512523.97	4495102.9	1103	511999.4	4495641	1153	511321.3	4496627
1054	512523.74	4495106.3	1104	511965.1	4495650	1154	511318	4496639
1055	512575.81	4495145.5	1105	511951.7	4495653	1155	511313	4496659
1056	512579.38	4495148.2	1106	511949.4	4495654	1156	511296.6	4496703
1057	512583.55	4495152.7	1107	511940.7	4495657	1157	511277.9	4496738
1058	512599.25	4495169.6	1108	511936.7	4495661	1158	511273	4496756
1059	512625.37	4495154	1109	511913	4495697	1159	511269.7	4496766
1060	512641.11	4495166.9	1110	511911.3	4495695	1160	511256	4496782
1061	512656.19	4495143.8	1111	511899.7	4495720	1161	511244.6	4496809
1062	512689.76	4495124.6	1112	511901.7	4495737	1162	511234	4496834
1063	512726.52	4495151	1113	511905.7	4495751	1163	511229.1	4496843
1064	512669.53	4495228.1	1114	511913	4495764	1164	511223.4	4496857
1065	512641.29	4495244.2	1115	511912.8	4495784	1165	511219.3	4496869



1066	512625.13	4495268.4	1116	511910.5	4495802	1166	511213	4496885
1067	512570.2	4495303.8	1117	511897.7	4495807	1167	511204.9	4496902
1068	512531.41	4495351.2	1118	511859.4	4495822	1168	511199.4	4496914
1069	512557.12	4495383.6	1119	511844.4	4495839	1169	511202.6	4496928
1070	512547.44	4495396.7	1120	511837.8	4495856	1170	511206.3	4496946
1071	512503.36	4495409.4	1121	511838.7	4495870	1171	511204.1	4496965
1072	512493.13	4495424.1	1122	511842.8	4495887	1172	511193.8	4497000
1073	512485.3	4495461.1	1123	511830	4495891	1173	511181.4	4497047
1074	512477.65	4495482.2	1124	511814.1	4495898	1174	511173.2	4497064
1075	512461.4	4495468.2	1125	511785.3	4495914	1175	511171.8	4497076
1076	512450.83	4495474.3	1126	511754.3	4495938	1176	511174.2	4497097
1077	512427.3	4495488	1127	511715.9	4495965	1177	511174	4497111
1078	512356.44	4495480.8	1128	511703	4495980	1178	511171.2	4497128
1079	512332.55	4495440.3	1129	511698.5	4496003	1179	511171	4497147
1080	512316.8	4495421	1130	511676.6	4496071	1180	511172.2	4497159
1081	512314.27	4495417.9	1131	511661.2	4496108	1181	511173.1	4497162
1082	512276.03	4495429.1	1132	511637	4496143	1182	511174	4497164
1083	512274.73	4495425.9	1133	511600	4496192	1183	511174.1	4497166
1084	512273.47	4495422.9	1134	511589.8	4496219	1184	511175.3	4497170
1085	512266.76	4495406.7	1135	511583.6	4496245	1185	511178.9	4497205
1086	512234.96	4495409.5	1136	511569.4	4496267	1186	511172.8	4497224
1087	512202.31	4495425.4	1137	511547.9	4496294	1187	511164.6	4497239
1088	512201.25	4495425.9	1138	511528.5	4496313	1188	511154.6	4497251
1089	512199.78	4495427	1139	511515	4496340	1189	511147.8	4497265
1090	512182.32	4495436.1	1140	511507.5	4496356	1190	511145.6	4497282
1091	512144.76	4495459.8	1141	511503.3	4496375	1191	511144.7	4497307
1092	512143.01	4495461.3	1142	511501.8	4496392	1192	511129.7	4497342
1093	512135.31	4495465.7	1143	511499	4496403	1193	511122.1	4497371
1094	512128.93	4495469.7	1144	511491.6	4496414	1194	511112.8	4497403
1095	512103.68	4495498.2	1145	511478.4	4496426	1195	511106.2	4497430
1096	512098.8	4495508.4	1146	511448.1	4496442	1196	511094.8	4497451
1097	512088.6	4495532.7	1147	511436	4496455	1197	511085.1	4497465
1098	512059.62	4495606.1	1148	511424.6	4496476	1198	511080.2	4497477
1099	512042.63	4495625.3	1149	511398.8	4496509	1199	511076	4497494
1100	512038.38	4495631.6	1150	511368.9	4496559	1200	511061	4497522
1201	511045.3	4497544.5	1251	510547.4	4498204	1301	510177.1	4498549
1202	511041.2	4497556.3	1252	510546.6	4498219	1302	510150.8	4498536
1203	511038.26	4497570.6	1253	510546.8	4498225	1303	510117.1	4498521
1204	511021.75	4497590.7	1254	510548.4	4498233	1304	510084.6	4498490
1205	510992.1	4497614.5	1255	510552	4498239	1305	510072.2	4498484
1206	510953.46	4497637.9	1256	510553.2	4498245	1306	510053	4498475
1207	510930.48	4497657.2	1257	510552.8	4498251	1307	510041.9	4498471
1208	510915.5	4497671.3	1258	510549.1	4498258	1308	509997	4498473
1209	510909.39	4497680.5	1259	510547	4498265	1309	509954.6	4498476
1210	510910.14	4497682.9	1260	510547.6	4498271	1310	509939.8	4498477
1211	510889.3	4497696.3	1261	510550.8	4498280	1311	509918.6	4498461



1212	510864.98	4497730.5	1262	510558	4498294	1312	509869.1	4498421
1213	510798.5	4497753.4	1263	510558.9	4498306	1313	509829.7	4498390
1214	510794.61	4497754.1	1264	510559.3	4498321	1314	509786.5	4498382
1215	510736.16	4497765.2	1265	510562.2	4498345	1315	509733.4	4498377
1216	510730.4	4497750.6	1266	510559.8	4498372	1316	509677.7	4498382
1217	510729.72	4497748.9	1267	510561.8	4498383	1317	509618.9	4498409
1218	510721.59	4497728.2	1268	510565.3	4498402	1318	509609.4	4498411
1219	510712.09	4497729.3	1269	510562.2	4498435	1319	509582.8	4498419
1220	510663.8	4497738.8	1270	510557.8	4498453	1320	509541.7	4498453
1221	510641.65	4497747.3	1271	510552.6	4498492	1321	509476.3	4498494
1222	510632.97	4497750.7	1272	510545.4	4498517	1322	509428.1	4498517
1223	510611.76	4497753.6	1273	510536.1	4498549	1323	509336.5	4498550
1224	510577.92	4497749.5	1274	510528.5	4498559	1324	509313.1	4498552
1225	510562.14	4497740.9	1275	510523.1	4498569	1325	509278.2	4498546
1226	510557.2	4497756.2	1276	510524.1	4498579	1326	509246.6	4498542
1227	510548.93	4497785.7	1277	510526.1	4498589	1327	509230.2	4498548
1228	510549.94	4497812.5	1278	510527.1	4498596	1328	509213	4498554
1229	510553.47	4497828.4	1279	510524.3	4498603	1329	509175.5	4498569
1230	510560.68	4497845.9	1280	510518.4	4498613	1330	509139	4498576
1231	510563.57	4497871.4	1281	510515.6	4498628	1331	509116.6	4498576
1232	510567.57	4497892.1	1282	510515.8	4498636	1332	509098.5	4498566
1233	510570.4	4497922.8	1283	510516.3	4498654	1333	509054	4498559
1234	510570.6	4497951.4	1284	510486.2	4498655	1334	508999.8	4498560
1235	510570.33	4497975.2	1285	510471.3	4498660	1335	508969.9	4498563
1236	510564.38	4497986.3	1286	510460.2	4498664	1336	508936.7	4498593
1237	510553.63	4498000.4	1287	510439.8	4498679	1337	508883.9	4498647
1238	510551.35	4498015.2	1288	510412.4	4498703	1338	508812.3	4498695
1239	510546.97	4498027.9	1289	510381.8	4498723	1339	508763.2	4498725
1240	510537.26	4498043.7	1290	510363.6	4498731	1340	508748	4498736
1241	510531.83	4498055.2	1291	510336.9	4498737	1341	508734.7	4498739
1242	510530	4498076.9	1292	510306.7	4498744	1342	508708.3	4498732
1243	510534.04	4498094.4	1293	510289.3	4498743	1343	508686.8	4498726
1244	510536.24	4498108.6	1294	510271.9	4498731	1344	508649.7	4498721
1245	510536.39	4498124.8	1295	510263.8	4498723	1345	508567	4498767
1246	510532.24	4498140	1296	510249.9	4498691	1346	508295.9	4498920
1247	510532.12	4498150.9	1297	510249	4498656	1347	508280.9	4498929
1248	510532.34	4498160.5	1298	510248.4	4498612	1348	508270.4	4498915
1249	510534.89	4498169.5	1299	510242.3	4498589	1349	508253.8	4498888
1250	510545.57	4498190.4	1300	510227.8	4498564	1350	508218.1	4498807
1351	508210.56	4498793	1401	507638.9	4499813	1451	506405	4500343
1352	508194.93	4498771.6	1402	507629.4	4499812	1452	506396.7	4500345
1353	508177.14	4498753.4	1403	507547.2	4499818	1453	506379.6	4500335
1354	508150.28	4498735.1	1404	507539.3	4499836	1454	506368.6	4500328
1355	508143.61	4498726	1405	507537	4499842	1455	506351.3	4500314
1356	508135.39	4498702.2	1406	507510.2	4499872	1456	506339.5	4500309
1357	508123.13	4498692.5	1407	507504.3	4499897	1457	506330.3	4500311



1358	508112.32	4498683.9	1408	507502	4499927	1458	506318	4500315
1359	508091.2	4498679.4	1409	507492.8	4499950	1459	506294.2	4500310
1360	508078.23	4498708.8	1410	507461.2	4500023	1460	506288	4500299
1361	508019.44	4498841.8	1411	507446.8	4500082	1461	506285.3	4500287
1362	508003.22	4498878.5	1412	507434.7	4500120	1462	506277.1	4500279
1363	507968.81	4499012.7	1413	507375.7	4500160	1463	506268	4500276
1364	507940.3	4499123.8	1414	507304.6	4500208	1464	506259.7	4500277
1365	507975.88	4499177.1	1415	507261.9	4500242	1465	506248.5	4500281
1366	508011.83	4499223.3	1416	507211.3	4500293	1466	506251.3	4500304
1367	508041.59	4499278.9	1417	507138.4	4500387	1467	506253.2	4500319
1368	508061.2	4499299.7	1418	507092.4	4500427	1468	506257.2	4500354
1369	508081.09	4499301.6	1419	507071.3	4500427	1469	506279.2	4500384
1370	508098.48	4499303.3	1420	507054.8	4500424	1470	506297.2	4500414
1371	508117.46	4499309.9	1421	507039.7	4500421	1471	506299.6	4500431
1372	508126.81	4499325.9	1422	507021.7	4500424	1472	506310.2	4500506
1373	508129	4499342.6	1423	507001.9	4500428	1473	506321.8	4500530
1374	508130.45	4499355.3	1424	506990.6	4500428	1474	506343	4500549
1375	508130.26	4499372	1425	506974.1	4500429	1475	506363.3	4500568
1376	508135.57	4499393.5	1426	506954.3	4500422	1476	506402.5	4500611
1377	508115.85	4499452	1427	506935.7	4500423	1477	506450.5	4500670
1378	508098.63	4499500.3	1428	506918.5	4500427	1478	506473.1	4500697
1379	508092.1	4499515.3	1429	506900	4500428	1479	506511	4500776
1380	508064.95	4499529.3	1430	506868.2	4500425	1480	506523.6	4500803
1381	507989.88	4499566.5	1431	506820.5	4500428	1481	506534.7	4500826
1382	507972.12	4499591.7	1432	506790.7	4500430	1482	506542.2	4500863
1383	507956.71	4499620.1	1433	506763.6	4500431	1483	506539.1	4500873
1384	507947.62	4499651.8	1434	506734.1	4500435	1484	506540.9	4500907
1385	507947.99	4499689.1	1435	506722.3	4500423	1485	506532.7	4500963
1386	507945.3	4499716.1	1436	506671.7	4500395	1486	506508.4	4501011
1387	507944.41	4499727.7	1437	506648.2	4500388	1487	506477.5	4501062
1388	507943.67	4499762.9	1438	506603.6	4500374	1488	506478.3	4501109
1389	507938.9	4499774.8	1439	506572.4	4500370	1489	506485.1	4501235
1390	507933.54	4499780.7	1440	506542.5	4500376	1490	506505.7	4501277
1391	507914.94	4499786.4	1441	506530.9	4500380	1491	506530.5	4501329
1392	507898.4	4499786.9	1442	506511.1	4500381	1492	506546.9	4501373
1393	507860.79	4499778	1443	506498.1	4500379	1493	506544.9	4501411
1394	507831.08	4499770.9	1444	506485.8	4500376	1494	506520.7	4501522
1395	507813.22	4499770.7	1445	506479.5	4500373	1495	506493.8	4501568
1396	507803.94	4499771.9	1446	506469.8	4500363	1496	506478.6	4501594
1397	507765.94	4499788.4	1447	506453.7	4500359	1497	506467	4501613
1398	507744.94	4499797.4	1448	506438.3	4500363	1498	506478.7	4501697
1399	507716.73	4499817.1	1449	506426.2	4500353	1499	506514.5	4501777
1400	507695.54	4499819.5	1450	506417.2	4500346	1500	506535.9	4501825
1501	506625.01	4501943.2	1551	507889.8	4504388	1601	505977.1	4506035
1502	506673.78	4501991.9	1552	507768.4	4504377	1602	506008.6	4506061
1503	506690.95	4502007.6	1553	507551.4	4504316	1603	506012.3	4506104



1504	506714.7	4502012.6	1554	507379	4504474	1604	506014.2	4506127
1505	506742.16	4502001.4	1555	507232	4504641	1605	506035.2	4506162
1506	506822.2	4501978.7	1556	507094.5	4504828	1606	506089.4	4506200
1507	506857.15	4501980.3	1557	507071.9	4504922	1607	506165.2	4506260
1508	506967.29	4501988.9	1558	507005.5	4505074	1608	506182.6	4506287
1509	507089.7	4501995.6	1559	506907.4	4505075	1609	506171.4	4506407
1510	507199.03	4501997.1	1560	506842.4	4505098	1610	506162.4	4506503
1511	507303.61	4501975.3	1561	506771.9	4505093	1611	506170.3	4506514
1512	507335.74	4501962.3	1562	506715.8	4505056	1612	506254.7	4506583
1513	507399.61	4501969.3	1563	506673.6	4505045	1613	506287.1	4506612
1514	507422.67	4501991	1564	506624.1	4505022	1614	506341.6	4506641
1515	507452.56	4502009.8	1565	506574.8	4504982	1615	506350.8	4506646
1516	507488.28	4502015.4	1566	506555.4	4504952	1616	506413.3	4506672
1517	507523.69	4501998.4	1567	506535.8	4504922	1617	506466.1	4506678
1518	507574.08	4501989	1568	506511.2	4504896	1618	506547	4506685
1519	507594.96	4502007.5	1569	506494.9	4504889	1619	506634.3	4506689
1520	507834.68	4502036.4	1570	506466.2	4504881	1620	506713.9	4506675
1521	507998.91	4502019.7	1571	506421	4504869	1621	506634	4506717
1522	508082.9	4502078.9	1572	506352.7	4504866	1622	506593	4506759
1523	508136.02	4502177.4	1573	506317.9	4504907	1623	506468.8	4506864
1524	508282.39	4502568	1574	506231.4	4504951	1624	506399.7	4506931
1525	508323.98	4502596.7	1575	506109.8	4504973	1625	506315.4	4506952
1526	508379.98	4502540.9	1576	506078.3	4504976	1626	506230.8	4506990
1527	508429.1	4502492	1577	506049.4	4504979	1627	506161.4	4507048
1528	508531.26	4502475.5	1578	505984.9	4504999	1628	505977.6	4507544
1529	508594	4502476.2	1579	505793.6	4505150	1629	505977	4507577
1530	508660.78	4502467.2	1580	505732.8	4505187	1630	505968.5	4507610
1531	508678.87	4502687	1581	505703.5	4505206	1631	505956.5	4507629
1532	508689.61	4502863.6	1582	505671.9	4505190	1632	505946.7	4507659
1533	508673.23	4503183.1	1583	505647.1	4505187	1633	505937.4	4507776
1534	508585.01	4503525.2	1584	505621.2	4505183	1634	505951.1	4507853
1535	508539.45	4503565.9	1585	505605.8	4505182	1635	505946.6	4507880
1536	508324.97	4503630.1	1586	505578.3	4505187	1636	505940.9	4507914
1537	508320.06	4503716.4	1587	505567.2	4505188	1637	505930.2	4507942
1538	508342.68	4503797	1588	505546.4	4505191	1638	505917.5	4507976
1539	508332.43	4503836.1	1589	505528.1	4505219	1639	505939.6	4508001
1540	508344.7	4503963.7	1590	505495.1	4505239	1640	505951.4	4508011
1541	508217.52	4503938.7	1591	505554.3	4505267	1641	505971	4508041
1542	508026.78	4503985.6	1592	505667.4	4505429	1642	505983	4508062
1543	507970.03	4503975.2	1593	505710.6	4505530	1643	506000.8	4508088
1544	507868.41	4503951.5	1594	505748.3	4505580	1644	506020.6	4508093
1545	507860.38	4503965	1595	505805.4	4505636	1645	506037.2	4508096
1546	507890.7	4504052.7	1596	505874.3	4505713	1646	506078.9	4508116
1547	507954.27	4504153.4	1597	505919.8	4505783	1647	506170.1	4508211
1548	507972.74	4504253.6	1598	505934.9	4505842	1648	506190	4508236
1549	508019.62	4504356.1	1599	505932	4505921	1649	506192.9	4508240



1550	507946.83	4504376.9	1600	505951.2	4505991	1650	506204.9	4508262
1651	506211.91	4508283.2	1701	506689.5	4508824	1751	507076.8	4509109
1652	506214.11	4508293.1	1702	506693.7	4508826	1752	507072.8	4509133
1653	506223.4	4508320	1703	506701.6	4508834	1753	507067.1	4509164
1654	506236.9	4508329.4	1704	506704.7	4508841	1754	507070.1	4509183
1655	506241.37	4508332.5	1705	506709.2	4508859	1755	507077.5	4509196
1656	506278.59	4508354.1	1706	506714.2	4508891	1756	507101.3	4509229
1657	506301.42	4508383.1	1707	506716.6	4508911	1757	507104.8	4509242
1658	506324.35	4508409	1708	506725.7	4508943	1758	507103.5	4509251
1659	506368.27	4508460.9	1709	506727.8	4508948	1759	507101.6	4509273
1660	506380.77	4508468.1	1710	506731.5	4508951	1760	507100.4	4509284
1661	506386.67	4508472.4	1711	506735.7	4508952	1761	507100.4	4509286
1662	506390.01	4508481.5	1712	506741.7	4508942	1762	507104.8	4509290
1663	506388.04	4508497.6	1713	506741.4	4508921	1763	507111.8	4509295
1664	506384.03	4508507.1	1714	506744.1	4508915	1764	507120.9	4509291
1665	506365.17	4508559.3	1715	506748.3	4508913	1765	507137.4	4509281
1666	506352.9	4508604.7	1716	506754.1	4508914	1766	507146.1	4509280
1667	506355.29	4508622.7	1717	506760.9	4508921	1767	507152	4509282
1668	506357.33	4508638	1718	506765.6	4508933	1768	507148.7	4509293
1669	506368.75	4508657.7	1719	506777.1	4508946	1769	507113.8	4509330
1670	506390.03	4508694.5	1720	506787	4508953	1770	507089.3	4509353
1671	506415.58	4508728.7	1721	506795.5	4508954	1771	507062.7	4509390
1672	506455.91	4508790.5	1722	506810.3	4508952	1772	507048.2	4509406
1673	506502.44	4508818.6	1723	506847.6	4508937	1773	507032.9	4509422
1674	506516.05	4508831.4	1724	506858.2	4508934	1774	507005	4509435
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1676	506543.48	4508817.7	1726	506870.8	4508946	1776	506948	4509449
1677	506553.05	4508814.2	1727	506876	4508954	1777	506901.9	4509493
1678	506565.35	4508814.8	1728	506900.1	4508976	1778	506844.2	4509555
1679	506572.03	4508820.4	1729	506917.9	4508987	1779	506776.9	4509602
1680	506576.7	4508828.8	1730	506925.9	4508988	1780	506765.5	4509618
1681	506581.75	4508838.8	1731	506940.2	4508982	1781	506740.4	4509648
1682	506609.8	4508885.5	1732	506954.7	4508962	1782	506713.8	4509658
1683	506618.04	4508894.8	1733	506962.2	4508947	1783	506685.1	4509680
1684	506624.73	4508899.6	1734	506971.2	4508940	1784	506618.6	4509716
1685	506636.23	4508901.3	1735	506979.2	4508940	1785	506563.8	4509773
1686	506643.8	4508899	1736	506986	4508941	1786	506533.1	4509825
1687	506649.54	4508890.4	1737	506991.3	4508943	1787	506505	4509851
1688	506642.84	4508878.8	1738	506996	4508947	1788	506485.9	4509860
1689	506633.43	4508868.3	1739	507000.2	4508955	1789	506465.1	4509870
1690	506624.78	4508860.3	1740	507002.2	4508964	1790	506409	4509918
1691	506622.84	4508856.3	1741	507003.5	4508989	1791	506367.2	4509958
1692	506622.89	4508852	1742	507004.9	4509004	1792	506308.7	4510005
1693	506624.11	4508850	1743	507007.4	4509018	1793	506274.3	4510033
1694	506629.28	4508848.5	1744	507011	4509030	1794	506233.3	4510098
1695	506636.03	4508848.5	1745	507016.2	4509037	1795	506194	4510157



1696	506648.37	4508846.3	1746	507039.3	4509049	1796	506176.4	4510167
1697	506655.54	4508844	1747	507055.6	4509063	1797	506135.7	4510208
1698	506660.38	4508837.7	1748	507063.9	4509074	1798	506112.1	4510237
1699	506667.23	4508828.2	1749	507070.2	4509086	1799	506090.6	4510268
1700	506676.82	4508822.8	1750	507075.3	4509098	1800	506053	4510318
1801	506001.47	4510417.6	1851	506217.3	4511158	1901	506832.9	4511800
1802	505957.65	4510488.6	1852	506221.9	4511163	1902	506837.6	4511810
1803	505934.73	4510526	1853	506269.2	4511222	1903	506848.6	4511818
1804	505925.94	4510542.5	1854	506310.5	4511237	1904	506867.6	4511823
1805	505900.15	4510599.1	1855	506351.5	4511241	1905	506881.8	4511826
1806	505867.15	4510649.7	1856	506374	4511243	1906	506897.6	4511833
1807	505854.94	4510676	1857	506396.3	4511260	1907	506919.2	4511842
1808	505819.07	4510745.7	1858	506418.6	4511277	1908	506933.9	4511854
1809	505792.83	4510819.4	1859	506435.1	4511288	1909	506939	4511872
1810	505813.71	4510829.3	1860	506435	4511298	1910	506939.3	4511892
1811	505824.81	4510834.6	1861	506431.6	4511315	1911	506941.3	4511931
1812	505839.03	4510835.7	1862	506424	4511328	1912	506941.9	4511943
1813	505846.01	4510832.5	1863	506416.4	4511344	1913	506948.1	4511952
1814	505850.37	4510827.6	1864	506404.8	4511367	1914	506977.1	4511962
1815	505862.62	4510807.2	1865	506411.8	4511381	1915	506993.6	4511958
1816	505876.67	4510783.9	1866	506427.6	4511388	1916	507017.6	4511940
1817	505887.36	4510775.1	1867	506437.6	4511390	1917	507025.8	4511922
1818	505925.49	4510767.6	1868	506457.5	4511386	1918	507036	4511906
1819	505948.29	4510770.8	1869	506472.7	4511382	1919	507041.5	4511880
1820	505987.66	4510774.7	1870	506499.1	4511382	1920	507044.4	4511866
1821	505999.35	4510790.2	1871	506512.8	4511389	1921	507046.6	4511862
1822	506001.94	4510814.7	1872	506521.6	4511405	1922	507055	4511865
1823	506030.78	4510848.2	1873	506521.5	4511419	1923	507064.9	4511876
1824	506043.29	4510853.9	1874	506512.9	4511431	1924	507071	4511889
1825	506058.44	4510859.7	1875	506492	4511446	1925	507074	4511896
1826	506059.67	4510868.3	1876	506468.2	4511459	1926	507082.1	4511916
1827	506051.25	4510880.8	1877	506446	4511476	1927	507080.5	4511935
1828	506041.58	4510887.7	1878	506434	4511498	1928	507073.4	4511961
1829	506029.16	4510895.4	1879	506432.4	4511519	1929	507011.7	4512029
1830	506019.59	4510901.3	1880	506434	4511528	1930	506998.8	4512050
1831	506017.05	4510918.7	1881	506464.3	4511556	1931	506997.6	4512064
1832	506029.83	4510931.9	1882	506522.9	4511584	1932	507005.9	4512076
1833	506051.52	4510944.7	1883	506569.7	4511595	1933	507017.5	4512081
1834	506078.23	4510948.2	1884	506609.2	4511612	1934	507050.8	4512088
1835	506097.78	4510942.7	1885	506644.6	4511634	1935	507080.9	4512090
1836	506109.44	4510939.3	1886	506674	4511668	1936	507095.7	4512096
1837	506118.71	4510938.8	1887	506696.5	4511687	1937	507122.6	4512091
1838	506121.94	4510945.4	1888	506702.7	4511693	1938	507141.8	4512087
1839	506120.47	4510958	1889	506708.4	4511706	1939	507170.9	4512091
1840	506106.41	4510973.1	1890	506714.9	4511720	1940	507186.2	4512094
1841	506090.67	4510997.4	1891	506726	4511740	1941	507195.7	4512102



1842	506083.5	4511008.5	1892	506731	4511758	1942	507206.9	4512117
1843	506081.37	4511021.7	1893	506736.4	4511767	1943	507216	4512129
1844	506081.1	4511045.6	1894	506747.1	4511773	1944	507222.3	4512134
1845	506082.29	4511056.8	1895	506765.9	4511776	1945	507234.4	4512141
1846	506094.01	4511073.5	1896	506774.8	4511778	1946	507278.8	4512147
1847	506114.35	4511088.9	1897	506783.6	4511773	1947	507292.1	4512141
1848	506128.8	4511098.4	1898	506798.8	4511768	1948	507306.4	4512141
1849	506141.29	4511105.8	1899	506807.9	4511769	1949	507352.3	4512153
1850	506169.53	4511124.6	1900	506816.5	4511776	1950	507376.2	4512153
1951	507410.52	4512154.4	2001	508421.5	4511729	2051	509196.1	4512523
1952	507442.3	4512153.2	2002	508424.7	4511703	2052	509204	4512524
1953	507457.65	4512153.3	2003	508446.2	4511675	2053	509214.6	4512522
1954	507471.44	4512150.9	2004	508465.4	4511664	2054	509219.4	4512511
1955	507543.06	4512137.9	2005	508474	4511654	2055	509228	4512506
1956	507561.15	4512129.6	2006	508501.8	4511648	2056	509234.7	4512506
1957	507594.15	4512114.1	2007	508527.1	4511643	2057	509237.2	4512513
1958	507609.53	4512111.7	2008	508546.1	4511648	2058	509239.1	4512522
1959	507621.81	4512102.3	2009	508558.8	4511645	2059	509251.7	4512524
1960	507629.87	4512091.8	2010	508569	4511634	2060	509271	4512515
1961	507633.68	4512082.8	2011	508578.1	4511625	2061	509281.6	4512509
1962	507637.99	4512065.5	2012	508621.1	4511569	2062	509290.9	4512504
1963	507641.44	4512051.7	2013	508636.8	4511587	2063	509298.9	4512503
1964	507653.26	4512037	2014	508651.2	4511618	2064	509304.1	4512508
1965	507676.08	4512026.2	2015	508661.5	4511644	2065	509305.3	4512522
1966	507703.1	4511983	2016	508680.2	4511675	2066	509315.8	4512529
1967	507711.7	4511983.8	2017	508696.8	4511710	2067	509322.4	4512527
1968	507719.91	4511991.1	2018	508699.7	4511728	2068	509330.4	4512521
1969	507726.11	4511996.5	2019	508748.6	4511838	2069	509338.3	4512526
1970	507736.04	4511996	2020	508761.4	4511858	2070	509341.5	4512539
1971	507743.36	4511992.8	2021	508781.7	4511905	2071	509343.8	4512550
1972	507751.96	4511976	2022	508848.9	4512003	2072	509345.9	4512560
1973	507755.54	4511969.1	2023	508860.1	4512017	2073	509355.8	4512561
1974	507851.58	4512050.6	2024	508919.9	4512113	2074	509372.1	4512554
1975	507881.17	4512062.5	2025	508929.6	4512234	2075	509379.2	4512538
1976	507932.86	4512082.5	2026	508940.8	4512260	2076	509387.9	4512530
1977	507942.5	4512115.1	2027	508942.9	4512275	2077	509394.6	4512525
1978	507972.9	4512147.1	2028	508945.1	4512292	2078	509399.2	4512528
1979	507995.96	4512167.5	2029	508950.3	4512298	2079	509407.3	4512547
1980	508005.4	4512175	2030	508967.2	4512304	2080	509413.4	4512562
1981	508026.57	4512175.3	2031	508978.4	4512317	2081	509423.8	4512570
1982	508073.2	4512171.6	2032	508980.4	4512331	2082	509432.4	4512572
1983	508126.22	4512164.8	2033	508992.5	4512334	2083	509442.4	4512569
1984	508175.13	4512146.3	2034	509000.4	4512318	2084	509439.2	4512556
1985	508197.16	4512125.4	2035	509013	4512317	2085	509434.3	4512536
1986	508208.31	4512114.9	2036	509017.5	4512327	2086	509436.9	4512526
1987	508230.99	4512076	2037	509020	4512341	2087	509446.2	4512522



1988	508233.52	4512068.5	2038	509023.9	4512350	2088	509454.2	4512519
1989	508246.33	4512030.6	2039	509031.7	4512357	2089	509464.6	4512523
1990	508258.76	4511986.8	2040	509047.4	4512372	2090	509475.2	4512537
1991	508263.97	4511968.4	2041	509058.5	4512388	2091	509484.4	4512536
1992	508270.7	4511935.6	2042	509074.9	4512402	2092	509487.9	4512527
1993	508283.75	4511905.1	2043	509087.9	4512422	2093	509483.3	4512514
1994	508310.87	4511899.2	2044	509117.6	4512445	2094	509487.5	4512499
1995	508330.45	4511895	2045	509143.2	4512462	2095	509494.2	4512495
1996	508352.76	4511888.9	2046	509162.2	4512475	2096	509498.1	4512496
1997	508367.84	4511865.8	2047	509175.3	4512488	2097	509504.8	4512505
1998	508389.63	4511812	2048	509177.1	4512502	2098	509516.5	4512511
1999	508403.62	4511792.1	2049	509181.6	4512514	2099	509523.2	4512506
2000	508418.94	4511748.8	2050	509186.9	4512519	2100	509524.7	4512496
2101	509526.73	4512483.7	2151	510227.9	4512540	2201	510239.8	4513596
2102	509532.15	4512473.2	2152	510243.5	4512566	2202	510207.5	4513602
2103	509542.19	4512462.7	2153	510249.4	4512600	2203	510198.4	4513604
2104	509550.17	4512459.5	2154	510252.4	4512620	2204	510193.2	4513613
2105	509562.04	4512463	2155	510253.2	4512640	2205	510189.5	4513624
2106	509575.91	4512465.8	2156	510251.3	4512663	2206	510190.5	4513641
2107	509580.89	4512467.8	2157	510246.8	4512690	2207	510189.6	4513650
2108	509591.52	4512467	2158	510241.9	4512704	2208	510188.3	4513660
2109	509597.18	4512453	2159	510232.2	4512763	2209	510184.2	4513667
2110	509601.28	4512441.5	2160	510240.9	4512810	2210	510175.3	4513685
2111	509606.94	4512433.3	2161	510246.2	4512849	2211	510172	4513697
2112	509619.68	4512430.2	2162	510254.2	4512902	2212	510169.4	4513714
2113	509628.81	4512430.3	2163	510259.3	4512923	2213	510167.2	4513728
2114	509638.67	4512435.6	2164	510270.7	4512967	2214	510146	4513786
2115	509645.01	4512437.3	2165	510273.6	4513004	2215	510145.1	4513790
2116	509659.38	4512430.3	2166	510285.2	4513052	2216	510132	4513822
2117	509666.97	4512426	2167	510296.5	4513077	2217	510129.2	4513836
2118	509676.91	4512429.2	2168	510296.4	4513087	2218	510132.2	4513859
2119	509687.14	4512432.6	2169	510290.3	4513111	2219	510141.2	4513897
2120	509712.94	4512433.3	2170	510280.1	4513130	2220	510141.1	4513912
2121	509719.33	4512430.2	2171	510280	4513135	2221	510137.7	4513923
2122	509721.77	4512425.4	2172	510279.8	4513149	2222	510126.5	4513935
2123	509725.88	4512414.6	2173	510281.7	4513163	2223	510119.5	4513943
2124	509730.36	4512402.9	2174	510291.5	4513185	2224	510115.2	4513955
2125	509738.36	4512398.2	2175	510301.7	4513216	2225	510115	4513966
2126	509753.44	4512398.8	2176	510303.6	4513232	2226	510115.3	4513985
2127	509766.54	4512398.9	2177	510305.6	4513248	2227	510118.7	4514014
2128	509784.79	4512401.9	2178	510303.8	4513263	2228	510122.8	4514026
2129	509815.87	4512390.4	2179	510302	4513280	2229	510135.3	4514049
2130	509821.91	4512382.9	2180	510299.7	4513302	2230	510142.4	4514074
2131	509837.39	4512383.5	2181	510301.1	4513314	2231	510142.3	4514084
2132	509856.41	4512386.5	2182	510306.8	4513329	2232	510133	4514102
2133	509881.78	4512390.3	2183	510315.5	4513350	2233	510132.4	4514110



2134	509892.96	4512384.1	2184	510319.6	4513369	2234	510128	4514129
2135	509908.53	4512377.1	2185	510319.4	4513381	2235	510102.3	4514156
2136	509922.45	4512374.5	2186	510316.1	4513393	2236	510002	4514222
2137	509949.48	4512376.8	2187	510312.2	4513410	2237	509958.2	4514257
2138	509969.38	4512372.2	2188	510311.9	4513432	2238	509930.5	4514275
2139	509983.81	4512360.5	2189	510311.1	4513463	2239	509884.6	4514307
2140	509991.06	4512351	2190	510315.5	4513483	2240	509867.5	4514338
2141	510010.91	4512351.3	2191	510309.1	4513496	2241	509869.8	4514354
2142	510044.14	4512362	2192	510298.4	4513507	2242	509874.2	4514384
2143	510073.51	4512371.6	2193	510287.2	4513515	2243	509894.3	4514368
2144	510149.36	4512396.5	2194	510279.9	4513524	2244	509904.6	4514360
2145	510164.34	4512405.4	2195	510275.8	4513534	2245	509947.7	4514342
2146	510176.06	4512422.2	2196	510274.1	4513550	2246	510014.6	4514326
2147	510186.17	4512441.4	2197	510271.9	4513570	2247	510056.6	4514332
2148	510193.11	4512458.9	2198	510271	4513578	2248	510092.4	4514332
2149	510201.52	4512487.6	2199	510266.5	4513585	2249	510123.5	4514317
2150	510212.35	4512513.2	2200	510254.6	4513591	2250	510175.2	4514309
2251	510205.26	4514319.9	2301	511348.7	4514476	2351	512801.1	4514539
2252	510232.11	4514332.9	2302	511364.8	4514452	2352	512808.1	4514552
2253	510262.09	4514349.9	2303	511400	4514428	2353	512823	4514568
2254	510271.57	4514354	2304	511413.8	4514426	2354	512852	4514595
2255	510289.69	4514366.9	2305	511437.1	4514427	2355	512876.6	4514601
2256	510329.16	4514387.2	2306	511462.4	4514436	2356	512921.2	4514593
2257	510353.39	4514402	2307	511498.2	4514457	2357	512932.3	4514588
2258	510400.92	4514430.9	2308	511515	4514466	2358	512945.1	4514581
2259	510434.93	4514443.2	2309	511531.9	4514468	2359	512965.8	4514573
2260	510474.6	4514446	2310	511556.3	4514469	2360	512993.7	4514566
2261	510495.32	4514439.1	2311	511581.6	4514476	2361	513022.3	4514564
2262	510524.98	4514423.3	2312	511597.5	4514472	2362	513043	4514564
2263	510544.86	4514412.7	2313	511630.5	4514457	2363	513067.5	4514568
2264	510564.66	4514416.9	2314	511646.5	4514448	2364	513097.6	4514575
2265	510529.68	4514506.5	2315	511683.7	4514437	2365	513123.9	4514569
2266	510503.45	4514573.7	2316	511716.5	4514434	2366	513141.5	4514559
2267	510525.46	4514617	2317	511749.4	4514433	2367	513167.9	4514546
2268	510535.91	4514629	2318	511778.9	4514444	2368	513181.8	4514539
2269	510581.79	4514667.3	2319	511804.5	4514453	2369	513198.2	4514532
2270	510635.76	4514693	2320	511806.3	4514454	2370	513209.3	4514533
2271	510652.86	4514702.5	2321	511845.3	4514441	2371	513217.2	4514540
2272	510683.85	4514712.1	2322	511897.7	4514411	2372	513223.3	4514555
2273	510720.78	4514723.1	2323	511966.3	4514392	2373	513224.5	4514560
2274	510748.45	4514734	2324	512007.2	4514375	2374	513233.9	4514599
2275	510787.24	4514756.3	2325	512037.1	4514363	2375	513253.4	4514636
2276	510818.17	4514770.5	2326	512055.7	4514362	2376	513279.4	4514653
2277	510827.44	4514770.6	2327	512081.8	4514375	2377	513302.3	4514667
2278	510855.28	4514766.3	2328	512109.4	4514383	2378	513319	4514669
2279	510872.62	4514754	2329	512143.1	4514397	2379	513354.7	4514672



2280	510885.93	4514747.5	2330	512189.6	4514396	2380	513355.1	4514692
2281	510937.14	4514725.5	2331	512225.8	4514389	2381	513358.3	4514702
2282	510961.75	4514703.6	2332	512238.9	4514394	2382	513369.4	4514716
2283	511015.87	4514692.6	2333	512252	4514405	2383	513392.4	4514734
2284	511043.44	4514688.6	2334	512262.5	4514417	2384	513408.1	4514750
2285	511079.51	4514682.7	2335	512297.9	4514445	2385	513425.8	4514763
2286	511100.73	4514678.7	2336	512328.2	4514460	2386	513475.8	4514782
2287	511119.83	4514674.7	2337	512365	4514482	2387	513500.2	4514796
2288	511135.76	4514670.6	2338	512420.4	4514499	2388	513512	4514804
2289	511146.49	4514658.1	2339	512456	4514508	2389	513544.3	4514811
2290	511159.42	4514638.1	2340	512477.5	4514504	2390	513584.6	4514821
2291	511166.98	4514625.5	2341	512513.7	4514482	2391	513621.6	4514827
2292	511175.57	4514615	2342	512517.5	4514480	2392	513667.7	4514841
2293	511190.45	4514609.9	2343	512582	4514464	2393	513690.1	4514854
2294	511215.89	4514607	2344	512606.4	4514476	2394	513706.5	4514864
2295	511237.06	4514607.2	2345	512624.7	4514486	2395	513743.7	4514876
2296	511272.12	4514597	2346	512651.4	4514502	2396	513755.4	4514889
2297	511279.65	4514586.5	2347	512665.7	4514504	2397	513763.3	4514897
2298	511303.33	4514552.9	2348	512718.8	4514512	2398	513785.5	4514917
2299	511305.01	4514550.4	2349	512775.2	4514513	2399	513810.5	4514936
2300	511329.18	4514514	2350	512789.3	4514523	2400	513855.2	4514961
2401	513891.4	4514976.8	2451	515138.1	4515156	2501	516139.1	4514752
2402	513968.23	4515030	2452	515177.7	4515161	2502	516150.7	4514736
2403	513986.09	4515048.2	2453	515204.2	4515158	2503	516161.6	4514728
2404	514001.84	4515065	2454	515261.5	4515151	2504	516176.9	4514723
2405	514013.01	4515071.7	2455	515309.2	4515148	2505	516200.5	4514719
2406	514028.84	4515076.5	2456	515384.2	4515162	2506	516217.8	4514706
2407	514050.01	4515076.8	2457	515397	4515155	2507	516236.9	4514699
2408	514067.9	4515075	2458	515407	4515154	2508	516266.9	4514686
2409	514119.07	4515072.1	2459	515421.4	4515147	2509	516293.1	4514676
2410	514165.24	4515069.5	2460	515441.2	4515145	2510	516309.1	4514662
2411	514190.4	4515068.5	2461	515452.1	4515136	2511	516310.5	4514661
2412	514224.06	4515075.5	2462	515470.1	4515125	2512	516313.6	4514658
2413	514256.19	4515096.7	2463	515484.4	4515123	2513	516323.1	4514650
2414	514263.34	4515097.9	2464	515498.6	4515128	2514	516330.1	4514647
2415	514302.99	4515109.3	2465	515526.8	4515131	2515	516330.9	4514647
2416	514345.12	4515113.4	2466	515538.3	4515127	2516	516330.9	4514643
2417	514360.97	4515116.7	2467	515550.3	4515122	2517	516330.7	4514638
2418	514386.38	4515123	2468	515578.9	4515118	2518	516329.6	4514632
2419	514399.51	4515126.2	2469	515605.9	4515118	2519	516329.5	4514606
2420	514409.05	4515124.7	2470	515625.8	4515114	2520	516329	4514596
2421	514416	4515118.4	2471	515647.4	4515105	2521	516326.1	4514588
2422	514475.34	4515068.3	2472	515661.8	4515095	2522	516315.2	4514583
2423	514509.37	4515054.9	2473	515682.3	4515070	2523	516294.6	4514573
2424	514525.23	4515057.2	2474	515695	4515038	2524	516264.3	4514566
2425	514582.24	4515066.4	2475	515709	4515024	2525	516258	4514562



2426	514596.55	4515069.7	2476	515721.8	4515022	2526	516188.9	4514483
2427	514617.16	4515073.1	2477	515738.8	4515023	2527	516191.8	4514466
2428	514635.12	4515075.9	2478	515767.7	4515031	2528	516214.7	4514452
2429	514650.44	4515079.3	2479	515790.9	4515032	2529	516216	4514453
2430	514667.91	4515078.9	2480	515801.3	4515028	2530	516234.8	4514476
2431	514676.91	4515079	2481	515820.4	4515021	2531	516245.3	4514482
2432	514688.03	4515079.2	2482	515842.9	4515005	2532	516253.2	4514485
2433	514704.45	4515078.3	2483	515868	4514991	2533	516263.8	4514486
2434	514717.14	4515079	2484	515894.9	4514973	2534	516275.7	4514484
2435	514732.47	4515081.3	2485	515929.2	4514954	2535	516276.2	4514483
2436	514751.32	4515092.9	2486	515958.3	4514946	2536	516278.7	4514482
2437	514760.28	4515095.1	2487	515996.1	4514936	2537	516285.7	4514479
2438	514820.34	4515120.7	2488	516014.8	4514930	2538	516290.5	4514475
2439	514866.29	4515130.2	2489	516030.9	4514917	2539	516306.8	4514472
2440	514903.66	4515148.6	2490	516035.7	4514908	2540	516312.4	4514468
2441	514927.97	4515152.6	2491	516040	4514879	2541	516323.5	4514460
2442	514945.97	4515152.8	2492	516041.8	4514860	2542	516340.5	4514453
2443	514975.58	4515155.8	2493	516046	4514844	2543	516354.9	4514454
2444	515004.25	4515148.2	2494	516050.5	4514832	2544	516372	4514464
2445	515024.35	4515142	2495	516055.3	4514826	2545	516374.6	4514472
2446	515042.5	4515136.5	2496	516066.5	4514821	2546	516376.2	4514478
2447	515055.78	4515132.4	2497	516085.2	4514822	2547	516375.7	4514487
2448	515072.15	4515135.7	2498	516106.3	4514814	2548	516375.1	4514499
2449	515083.22	4515140.1	2499	516116.5	4514786	2549	516373.8	4514524
2450	515087.96	4515141.5	2500	516125	4514762	2550	516384	4514543
2551	516392.78	4514549.7	2601	516925.8	4515020	2651	517283.4	4515542
2552	516409.22	4514556.7	2602	516920.4	4515033	2652	517280.7	4515548
2553	516418.04	4514563.1	2603	516905.6	4515054	2653	517273.2	4515558
2554	516428.08	4514573.8	2604	516902.2	4515063	2654	517265.1	4515569
2555	516446.09	4514591.4	2605	516901.4	4515071	2655	517257.3	4515606
2556	516458.67	4514602.1	2606	516904.7	4515078	2656	517259.9	4515632
2557	516461.09	4514613.2	2607	516916.5	4515086	2657	517260.2	4515635
2558	516475.19	4514644.9	2608	516931.6	4515094	2658	517269.6	4515628
2559	516490.53	4514653.2	2609	516948.1	4515102	2659	517297.4	4515605
2560	516501.56	4514661.2	2610	516967.2	4515109	2660	517313.3	4515592
2561	516525.63	4514685.3	2611	516991.6	4515111	2661	517346	4515567
2562	516545.86	4514722.6	2612	517010.9	4515109	2662	517363.5	4515565
2563	516550.91	4514743.3	2613	517032	4515108	2663	517375.8	4515558
2564	516554.86	4514768.2	2614	517042.6	4515109	2664	517384.9	4515548
2565	516559.23	4514831.9	2615	517074.9	4515120	2665	517391	4515523
2566	516558.95	4514856	2616	517086.6	4515140	2666	517397.2	4515489
2567	516563.54	4514870.9	2617	517085.1	4515155	2667	517439	4515450
2568	516572.9	4514885.8	2618	517080.3	4515169	2668	517495.2	4515395
2569	516580.74	4514894.9	2619	517094.3	4515195	2669	517522.9	4515378
2570	516587.02	4514901.3	2620	517100.8	4515201	2670	517543.1	4515373
2571	516600.73	4514905.7	2621	517121.2	4515211	2671	517583.4	4515365



2572	516616.09	4514904.8	2622	517136.4	4515213	2672	517597.2	4515357
2573	516622.55	4514895.9	2623	517154.2	4515218			
2574	516631.12	4514887	2624	517166.6	4515234			
2575	516643.29	4514887.7	2625	517173	4515251			
2576	516663.3	4514896.4	2626	517176.8	4515265			
2577	516683.89	4514901.4	2627	517180.6	4515281			
2578	516704	4514902.1	2628	517185.1	4515295			
2579	516720.43	4514900.2	2629	517195.6	4515303			
2580	516735.33	4514894	2630	517204.9	4515303			
2581	516747.66	4514880.4	2631	517216.8	4515303			
2582	516765.42	4514855.2	2632	517230	4515305			
2583	516778.83	4514839.5	2633	517236.5	4515314			
2584	516791.03	4514837.5	2634	517233.7	4515324			
2585	516822.29	4514834.7	2635	517232.3	4515335			
2586	516855.64	4514835.1	2636	517236	4515353			
2587	516865.7	4514835.2	2637	517239.1	4515371			
2588	516892.05	4514843.7	2638	517241.6	4515392			
2589	516911.24	4514850	2639	517242.5	4515417			
2590	516938.77	4514873.4	2640	517236.5	4515434			
2591	516954.53	4514883.5	2641	517233.7	4515451			
2592	516962.38	4514891.6	2642	517229.9	4515459			
2593	516970.79	4514908.9	2643	517228.2	4515463			
2594	516975.92	4514923.5	2644	517221.8	4515481			
2595	516975.78	4514935.4	2645	517222.1	4515491			
2596	516965.74	4514945.2	2646	517235.3	4515498			
2597	516945.75	4514957.5	2647	517245.2	4515503			
2598	516937.04	4514966.7	2648	517268.9	4515515			
2599	516931.56	4514983.2	2649	517278.9	4515525			
2600	516928.62	4515009	2650	517283.5	4515534			



Aneksi nr. 9

PARKU KOMBËTAR DETAR “KARABURUN – SAZAN”

Sipërfaqja e Parkut Kombëtar Detar “Karaburun – Sazan”, përbëhet nga pjesa detare pranë gadishullit të Karaburunit me sipërfaqe 9712.95 ha dhe pjesa detare pranë ishullit të Sazanit, me sipërfaqe 2724.75 ha, kufiri i të cilit, jepet sipas Tabelës 2.

Mbulesa e tokës brënda sipërfaqes së Parkut Kombëtar Detar jepet në Tabelën 1 më poshtë:

Tabela 1. Sipërfaqja e parkut, e përshkruar sipas mbulesës.

MBULESA	Sip. në ha	Përqindja
Sipërfaqe ujore (pjesa detare pranë gadishullit Karaburun dhe ishullit të Sazanit)	12437.7	100,00

Parku Kombëtar Detar “Karaburun – Sazan” ndahet në tre nënzona ruajtjeje e administrimi, si më poshtë vijon:

a) Nënzona Qendrore, me sipërfaqe 2229.59 (dy mijë e dyqind e njëzet e nëntë presje pesëdhjetë e nëntë) ha, e shënuar në hartë me ZQ.

Kjo nënzona përfshin sipërfaqe ujore dhe përcaktohet si zonë me vlera të larta e të rralla për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla e më lartë e mbrojtjes, që siguron një territor të pasqetësuar. Në këtë nënzona lejohet kërkimi shkencor. Zhvillimi i veprimtarive të mëposhtme është rreptësisht i ndaluar brenda ZQ-së: zhytja, noti dhe zhytja me tub ajrimi/snorkelling (plazhet dhe banjat e diellit), peshkimi, shëtitjet me varkë(ekskursionet), hedhja e spirancës, ankorimi, lundrimi, lundrimi me kajak/kaikë, të gjitha llojet e sporteve ujore, trafiku detar, të gjitha llojet e zhvillimit të infrastrukturës, nxjerrja e mineraleve, mbledhja e bimëve, mineraleve, gurëve, gjetjeve paleontologjike, zhvillimi i akuakulturës dhe të gjitha veprimtaritë ushtarake. Veprimtaritë e mëposhtme mund të zhvillohen pas dhënies së një lejeje të posaçme nga administrata e ZM-së: kërkimi shkencor (leje e posaçme dhe numri i shkencëtarëve që lejohen është i kufizuar) dhe monitorimi (nevojitet leje e posaçme), largimi i mbetjeve, vetëm vizita me udhërrëfyes në itineraret e përcaktuara nën udhëheqjen e administratës së ZM-së (rreptësisht të kufizuara në drejtim të numrit dhe vendeve).

b) Nënzona e Përdorimit Tradicional dhe Zhvillimit të Qëndrueshëm, me sipërfaqe 9428.8 (nëntë mijë e katërqind e njëzet e tetë presje tetë) ha, e shënuar në hartë me ZPTQ.

Në këtë nënzona zbatohet shkalla e dytë e mbrojtjes. Veprimtaritë e mëposhtme mund të zhvillohen lirisht në këtë zonë pa ndonjë autorizim paraprak: lundrimi (disa zona duhet të jenë jashtë kufijve, si zonat e caktuara për sportet e ujit; duhet të vendosen shenjat për varkat, nuk lejohen shkarkimet e mbetjeve, administrata e ZM-së duhet të përcaktojë kapacitetin mbajtjes të varkave), noti dhe zhytja me tub ajrimi/snorkelling, hedhja e spirancës, ankorimi, lundrimi me kajak/kaikë dhe vizitat. Zhvillimi i veprimtarive të mëposhtme është rreptësisht i ndaluar brenda ZPTQ-së: trafiku detar, nxjerrja e mineraleve, dhe mbledhja e bimëve, mineraleve, gurëve, gjetjeve paleontologjike, peshkimi tregëtar profesional, zhvillimi i akuakulturës dhe të gjitha veprimtaritë ushtarake.

c) Nënzona e Rekreacionit me sipërfaqe 779.31 (shtatëqind e shtatëdhjetë e nëntë presje tridhjetë e një) ha, e shënuar në hartë me ZR.

Në këtë zonë përfshihen pjesët e habitateve ujorë. Në të zbatohet shkalla e tretë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive turistike. Veprimtaritë e mëposhtme mund të zhvillohen lirisht në këtë zonë pa ndonjë autorizim paraprak: lundrimi, noti dhe zhytja me tub ajrimi/snorkelling, hedhja e spirancës, ankorimi, lundrimi me kajak/kaikë, sportet e ujit (por jo skitë e ujit sepse ato nuk lejohen në këtë zonë) dhe vizitat. Zhvillimi i

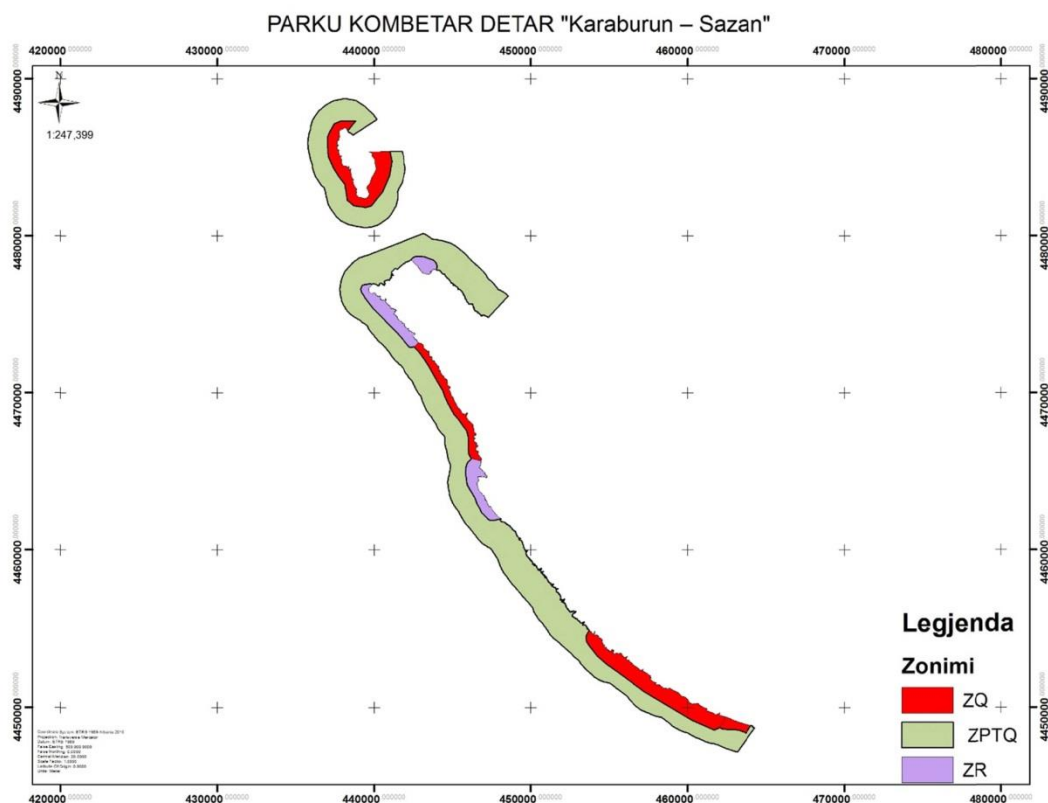
veprimtarive të mëposhtme është rreptësisht i ndaluar brenda ZR-së: trafiku detar, nxjerrja e mineraleve, dhe mbledhja e bimëve, mineraleve, gurëve, gjetjeve paleontologjike, peshkimi tregëtar profesional, zhvillimi i akuakulturës dhe të gjitha veprimtaritë ushtarake.

Zonimi dhe sipërfaqet në Parkun Kombëtar Detar “Karaburun – Sazan” jepen në Tabelën 2.

Tabela 2. Zonimi i brendshëm i PKD-së.

Zonimi	Sip. në ha	Përqindja
Zona qendrore	2229.59	17.93
Zona e përdorimit tradicional dhe zhvillimit të qëndrueshëm	9428.8	75.81
Zona e rekreacionit	779.31	6.27
Totali	12437.7	100

SHTOJCA 1





SHTOJCA 2

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	440153.67	4487416.6	51	438212.23	4486833.7	101	437793.78	4486316.8
2	438632.1	4486410.5	52	438200.77	4486846.7	102	437799.16	4486308.3
3	438631.86	4486412	53	438171.61	4486877.3	103	437803.18	4486299.1
4	438629.09	4486410.8	54	438143.91	4486897.2	104	437805.36	4486293.6
5	438624.54	4486415	55	438139.64	4486899.8	105	437803.72	4486289
6	438622.91	4486419.2	56	438127.53	4486904.8	106	437795.26	4486288
7	438621.9	4486426.6	57	438099.48	4486893.9	107	437770.08	4486293
8	438620.6	4486436.1	58	438085.91	4486877.5	108	437760.62	4486291.6
9	438616.2	4486450.6	59	438062.15	4486872	109	437751.76	4486278.2
10	438611.32	4486460.6	60	438045.16	4486869.4	110	437740.8	4486273
11	438605.4	4486469.6	61	438033.83	4486861.3	111	437734.1	4486266.6
12	438598.44	4486476.4	62	438026.43	4486847.7	112	437741.85	4486255.7
13	438591.23	4486481.9	63	438017.53	4486839.2	113	437746.98	4486251.1
14	438582.25	4486484.7	64	438012.89	4486828.5	114	437747.51	4486242.2
15	438574.95	4486486.7	65	438008.76	4486819.5	115	437751.89	4486233.6
16	438574.68	4486491.3	66	437995.51	4486820.9	116	437761.24	4486226.2
17	438570.04	4486499.6	67	437982.6	4486824.8	117	437757.47	4486222
18	438558.01	4486510.3	68	437966.88	4486821.6	118	437750.02	4486221.2
19	438550.8	4486516.3	69	437939.57	4486802.7	119	437743.46	4486225.2
20	438543.94	4486518.5	70	437924.34	4486791.4	120	437740.99	4486219.2
21	438537.81	4486523.9	71	437913.9	4486779.1	121	437741.1	4486209.9
22	438530.33	4486524.3	72	437898.67	4486768.4	122	437741.61	4486202.3
23	438521.54	4486529.2	73	437882.35	4486760.3	123	437745.68	4486192.4
24	438498.64	4486541.9	74	437832.85	4486738	124	437733.43	4486176.5
25	438481.6	4486554.9	75	437808.65	4486725	125	437728.79	4486165.3
26	438467.81	4486569	76	437789.78	4486708.9	126	437728.38	4486155.3
27	438449.29	4486578.5	77	437763.61	4486682.7	127	437728.47	4486147.3
28	438428.34	4486583.5	78	437760	4486674.2	128	437737.79	4486140
29	438414.3	4486589.7	79	437761.24	4486658.3	129	437739.86	4486122.6
30	438395.61	4486594.6	80	437763.15	4486651.6	130	437737.29	4486116.2
31	438377.44	4486591.4	81	437763.34	4486634.6	131	437727.83	4486110.3
32	438368.93	4486595.2	82	437760.94	4486622.8	132	437715.72	4486104.8
33	438362.47	4486604.8	83	437764.42	4486614.8	133	437700.41	4486101.5
34	438353.01	4486617.4	84	437764.51	4486606.3	134	437693.54	4486099.8
35	438350.03	4486634.6	85	437761.77	4486587.2	135	437686.08	4486105
36	438340.06	4486655.2	86	437756.93	4486565.6	136	437678.03	4486107.4
37	438329.69	4486673.3	87	437758.3	4486556.7	137	437669.62	4486109.1
38	438312.61	4486685.4	88	437763.99	4486540.6	138	437667.03	4486104.3
39	438304.88	4486695.5	89	437769.29	4486520.8	139	437669.63	4486097.3
40	438300.96	4486705.2	90	437774.11	4486506.9	140	437674.12	4486085.3
41	438290.68	4486714.8	91	437776.55	4486478.5	141	437671.1	4486072
42	438278.3	4486724	92	437775.71	4486459.4	142	437664.35	4486060.3
43	438270.97	4486735.3	93	437780.6	4486447.9	143	437652.75	4486056.5
44	438260.27	4486745.4	94	437785.02	4486431.5	144	437647.49	4486053.8
45	438251.29	4486762.9	95	437785.75	4486414	145	437640.22	4486052.5
46	438239.45	4486780.3	96	437783.78	4486401.3	146	437631.11	4486051.5
47	438231.37	4486792.4	97	437785.62	4486378.6	147	437630.11	4486046.2
48	438228.62	4486801.9	98	437784.73	4486363.7	148	437629.65	4486039.8
49	438223.25	4486808.7	99	437782.82	4486345.2	149	437634.19	4486026.5
50	438218.97	4486812.3	100	437781.66	4486329.4	150	437633.51	4486023.5
151	437637.94	4486008.8	201	437649.65	4485758.5	251	437720.38	4485378.2
152	437634.41	4485993.9	202	437652	4485751.4	252	437716.79	4485366.2
153	437637.2	4485981.3	203	437647.89	4485749.8	253	437716.54	4485355.8



154	437636.77	4485972.2	204	437638.92	4485747.6	254	437720.43	4485340.9
155	437632.62	4485964.3	205	437626.1	4485739.1	255	437725.03	4485330.2
156	437628.5	4485954.2	206	437624.91	4485731.7	256	437728.88	4485319
157	437618.97	4485951.6	207	437624.08	4485720.6	257	437732.01	4485306
158	437618.57	4485948.7	208	437622.96	4485707.6	258	437739.55	4485279.3
159	437614	4485915.9	209	437619.05	4485688.3	259	437746.02	4485268.8
160	437620.14	4485910.1	210	437615.38	4485676.4	260	437752.47	4485260.4
161	437622.33	4485913	211	437616.31	4485668.4	261	437749.65	4485247.7
162	437625.48	4485915.5	212	437616.4	4485660.3	262	437746.8	4485237.1
163	437628.36	4485913.7	213	437619.04	4485652.3	263	437749.94	4485221.4
164	437633.84	4485906.4	214	437620.44	4485640.5	264	437756.37	4485215.2
165	437640.28	4485898.2	215	437618.85	4485631.6	265	437766.03	4485213
166	437645.19	4485885.6	216	437612.15	4485625.1	266	437768.51	4485198
167	437648.77	4485877.7	217	437608.41	4485618.3	267	437773.45	4485189.1
168	437649.67	4485865.7	218	437613.2	4485606.9	268	437798.6	4485131.2
169	437649.38	4485858.6	219	437621.83	4485593	269	437810.29	4485108.9
170	437643.13	4485851.1	220	437625.73	4485584.6	270	437815.06	4485099.2
171	437642.44	4485846.3	221	437628.83	4485573.2	271	437823.55	4485097.2
172	437648.07	4485842.2	222	437631.9	4485563.1	272	437832.89	4485094.7
173	437648.87	4485837.8	223	437637.11	4485552.1	273	437836.35	4485088.4
174	437643.33	4485833.6	224	437638.1	4485539.9	274	437844.83	4485087.7
175	437637.24	4485821.9	225	437641.17	4485530.2	275	437849.86	4485092.4
176	437637.23	4485812.3	226	437648.88	4485522.2	276	437856.2	4485093.3
177	437639.53	4485807.1	227	437658.69	4485516	277	437864.25	4485093
178	437648.86	4485805.7	228	437665.95	4485510.5	278	437867.14	4485099.4
179	437661.53	4485805.1	229	437672.35	4485506.8	279	437870.38	4485112.7
180	437669.37	4485803.7	230	437677.87	4485505.2	280	437872.43	4485118.5
181	437675.72	4485802.3	231	437685.55	4485499.7	281	437880.16	4485108.8
182	437681.36	4485801.8	232	437696.57	4485499	282	437889.88	4485110.2
183	437687.6	4485805.8	233	437703.79	4485497	283	437899.99	4485114.6
184	437693.55	4485807	234	437711.46	4485492.8	284	437905.95	4485112.1
185	437694.99	4485811.5	235	437721.22	4485491.3	285	437895.95	4485098
186	437702.05	4485813	236	437734.31	4485494.4	286	437891.85	4485085.7
187	437703.22	4485808.6	237	437742.31	4485497.9	287	437891.15	4485073.4
188	437704.06	4485800.4	238	437746.13	4485497.5	288	437886.18	4485063.2
189	437705.25	4485794.1	239	437751.79	4485492.2	289	437878.25	4485053.3
190	437704.08	4485779.3	240	437760.37	4485493.2	290	437870.68	4485045.2
191	437708.28	4485773.3	241	437756.79	4485479.7	291	437869.69	4485034.4
192	437716.27	4485768.7	242	437748.67	4485473.3	292	437869.05	4485024.7
193	437720.16	4485762	243	437743.17	4485465.8	293	437871.83	4485010.2
194	437711	4485757.5	244	437737.14	4485472	294	437872.01	4484993.8
195	437700.58	4485752	245	437733.24	4485466.7	295	437870.64	4484983.3
196	437692.03	4485750.3	246	437724.57	4485454.8	296	437862.48	4484979.9
197	437683.1	4485753.7	247	437723.02	4485435	297	437859.2	4484973.9
198	437671.02	4485754.8	248	437723.92	4485422	298	437867.94	4484958.4
199	437662.12	4485754.7	249	437733.01	4485406.1	299	437874.37	4484950.2
200	437656.4	4485755.6	250	437726.58	4485390.5	300	437882.33	4484938
301	437888.36	4484924.8	351	438213.25	4484445.3	401	438401.19	4484194.5
302	437892.92	4484914	352	438223.16	4484434.8	402	438404.53	4484199.2
303	437894.41	4484899.8	353	438233.44	4484427.6	403	438413.81	4484202.2
304	437902.91	4484884.6	354	438244.45	4484427.3	404	438415.39	4484212.4
305	437913.44	4484868.9	355	438252.18	4484418	405	438416.12	4484222.6
306	437913.53	4484861.2	356	438252.69	4484410.4	406	438424.09	4484229
307	437915.23	4484851.7	357	438251.08	4484402.4	407	438428.64	4484238.8
308	437920.09	4484842.6	358	438255.82	4484395.2	408	438430.66	4484246.9



309	437923.19	4484837	359	438262.95	4484384.4	409	438441.24	4484247.4
310	437919.56	4484830.3	360	438277.71	4484369.6	410	438452.23	4484249.7
311	437915.4	4484823.4	361	438282.45	4484362.5	411	438455.06	4484261.1
312	437909.66	4484816.5	362	438295.12	4484364.7	412	438460.92	4484267.5
313	437908.72	4484805.9	363	438299.75	4484367.3	413	438470	4484257.9
314	437905.27	4484790.7	364	438300.65	4484375.5	414	438477.92	4484262.2
315	437904.69	4484776.6	365	438304.62	4484374.6	415	438483.63	4484280.9
316	437904.5	4484760.6	366	438305.1	4484381.2	416	438491.48	4484298
317	437900.57	4484745.2	367	438304.39	4484387.6	417	438497.92	4484290.4
318	437900.01	4484729.6	368	438309.03	4484389.2	418	438498.2	4484265.4
319	437902.18	4484696.8	369	438311.77	4484390.2	419	438498.07	4484239.6
320	437910.32	4484679.4	370	438317.38	4484381.2	420	438487.87	4484206
321	437915.36	4484654.6	371	438321.31	4484370.8	421	438478.01	4484178.8
322	437917.69	4484636.1	372	438325.85	4484362.4	422	438476.58	4484156.4
323	437923.2	4484617.1	373	438331.2	4484357.6	423	438502.16	4484065.8
324	437935.03	4484600.3	374	438333.89	4484363.2	424	438512.88	4484017
325	437940.46	4484588.7	375	438326.12	4484375.6	425	438522.22	4483977.1
326	437959.5	4484547.1	376	438321.57	4484385.5	426	438524.43	4483950.5
327	437965.99	4484534.4	377	438322.37	4484388.9	427	438525.39	4483921.3
328	437972.32	4484516.8	378	438335.63	4484382.2	428	438521.92	4483892
329	437984.86	4484495.3	379	438338.98	4484380.6	429	438525.79	4483852.5
330	437999.23	4484491.1	380	438344.43	4484385.9	430	438528.26	4483832
331	438004.75	4484490.2	381	438346.67	4484393.4	431	438527.54	4483814.8
332	438013.74	4484493.2	382	438345.81	4484411.4	432	438530.66	4483806.1
333	438019.34	4484491.7	383	438347.82	4484420.7	433	438532.32	4483801.4
334	438027.32	4484481.1	384	438341.31	4484434.2	434	438551.85	4483776
335	438040.87	4484465.9	385	438342.89	4484444.8	435	438568.63	4483743.4
336	438049.09	4484463.4	386	438350.84	4484452.5	436	438580.01	4483719.7
337	438055.83	4484460.9	387	438360.56	4484454.8	437	438591.47	4483689.6
338	438075.21	4484456.3	388	438373.45	4484438.4	438	438602.8	4483679.4
339	438079.99	4484456.5	389	438372.94	4484408.3	439	438609.45	4483653.5
340	438090.13	4484450.5	390	438367.22	4484390	440	438619.72	4483634.6
341	438095.97	4484448.2	391	438364.49	4484369.3	441	438630.03	4483612.5
342	438101.26	4484448.5	392	438365.6	4484346.4	442	438646.11	4483594.1
343	438105.71	4484453.1	393	438363.21	4484332.8	443	438657.32	4483585.8
344	438120.79	4484453.5	394	438367.56	4484322.3	444	438664.77	4483582.7
345	438127.41	4484453.6	395	438372.45	4484264.8	445	438668.07	4483571.6
346	438144.54	4484459.3	396	438375.64	4484245	446	438664.48	4483561
347	438151.1	4484464.4	397	438377.47	4484233.1	447	438652.82	4483563
348	438165.41	4484463.3	398	438383.39	4484217.9	448	438636.35	4483571.1
349	438189.24	4484461.7	399	438387.94	4484206.2	449	438625.55	4483572.4
350	438198.33	4484454.1	400	438394.05	4484189.7	450	438620.08	4483555.7
451	438620.8	4483539.3	501	439066.03	4482437.9	551	439631.39	4482588.4
452	438627.2	4483514.8	502	439073.15	4482434.2	552	439632.56	4482597.4
453	438639.26	4483459	503	439076.12	4482435.4	553	439639.51	4482605.3
454	438647.44	4483409.6	504	439070.76	4482448	554	439647.61	4482614.5
455	438658.63	4483375.4	505	439062.23	4482466.4	555	439654.43	4482610.7
456	438681.92	4483301.3	506	439058.54	4482474.3	556	439658.76	4482601.9
457	438698.52	4483256.6	507	439076.49	4482468.2	557	439665.91	4482606.2
458	438727.17	4483212.5	508	439088.78	4482468.3	558	439669.15	4482618.9
459	438749.97	4483163	509	439111.95	4482462.6	559	439673.65	4482633
460	438774.6	4483137.9	510	439133.63	4482456.5	560	439676.48	4482644.9
461	438799.24	4483111.7	511	439154.86	4482456.4	561	439678.88	4482657.2
462	438805.8	4483093.7	512	439169.48	4482449.1	562	439677.05	4482669.4
463	438810.22	4483076.9	513	439193.08	4482437.8	563	439668.03	4482680.8



464	438821.67	4483047.9	514	439206.16	4482433.9	564	439661.53	4482693.8
465	438827.1	4483035.2	515	439249.55	4482432.1	565	439655.01	4482708.6
466	438837.75	4483030.1	516	439260.64	4482434.8	566	439654.02	4482720.8
467	438848.42	4483022.8	517	439274.4	4482435	567	439645.27	4482738.7
468	438860.27	4483004.4	518	439295.22	4482419.4	568	439637.19	4482750.7
469	438868.88	4482991.8	519	439311.64	4482418	569	439627.53	4482762.3
470	438870.11	4482977	520	439324.97	4482409.1	570	439621.57	4482774.9
471	438871.38	4482957.9	521	439342.53	4482401.4	571	439622.41	4482794
472	438862.54	4482944.1	522	439354.21	4482398.3	572	439632.35	4482804.7
473	438856.61	4482930.3	523	439362.74	4482390.7	573	439634.34	4482815.8
474	438848.95	4482905.9	524	439380.82	4482384.9	574	439633.14	4482828.5
475	438839.6	4482890.4	525	439398.31	4482382.9	575	439626.06	4482845.4
476	438830.18	4482880.8	526	439405.72	4482383	576	439616.32	4482864.3
477	438830.92	4482861.8	527	439408.46	4482395.9	577	439605.06	4482876.9
478	438839.02	4482848.1	528	439429.92	4482396	578	439586.32	4482899
479	438847.34	4482820.3	529	439441.57	4482396.1	579	439565.94	4482922.6
480	438860.78	4482802.5	530	439457.37	4482390.1	580	439550.97	4482936.2
481	438876.27	4482789.9	531	439477.08	4482391.8	581	439543.46	4482945.1
482	438881.76	4482772.5	532	439485.99	4482399.3	582	439543.27	4482961.5
483	438879.86	4482753.5	533	439492.66	4482417.9	583	439544.58	4482985.9
484	438871.5	4482743.8	534	439503.16	4482426	584	439538.54	4483005.4
485	438857.23	4482741.5	535	439515.77	4482434	585	439530.89	4483026.5
486	438839.74	4482744	536	439519.1	4482445.9	586	439516.29	4483039.8
487	438825.5	4482739.1	537	439524.42	4482464.8	587	439511.86	4483044.8
488	438828.36	4482720.6	538	439533.25	4482479.8	588	439514.41	4483055.7
489	438829.1	4482701.5	539	439539.27	4482462.4	589	439517.9	4483070.6
490	438827.1	4482682.5	540	439547.77	4482458.7	590	439519.84	4483096.7
491	438839.88	4482675.8	541	439554.01	4482469.4	591	439525.28	4483109.8
492	438851.06	4482660.7	542	439565.58	4482475.4	592	439531.45	4483124
493	438864.07	4482633.8	543	439574.19	4482485	593	439536.16	4483136
494	438875.43	4482602.5	544	439584.4	4482496.5	594	439538.56	4483153.9
495	438893.44	4482582.4	545	439591.54	4482510.9	595	439547.39	4483164.4
496	438930.35	4482538.8	546	439600.86	4482529.4	596	439552.97	4483173.4
497	438968.04	4482501.1	547	439611.79	4482545.7	597	439553.67	4483186.9
498	439017.51	4482470.4	548	439624.88	4482567.5	598	439551	4483197.6
499	439033.87	4482455.9	549	439627.32	4482576.1	599	439559.63	4483216.8
500	439055.13	4482446.3	550	439630.61	4482582.5	600	439595.47	4483259.8
601	439672.39	4483333.5	651	440067.37	4484170.2	701	439841.45	4485119.9
602	439701.17	4483362.4	652	440069.32	4484184.5	702	439835.36	4485149.2
603	439710.96	4483386.4	653	440075.52	4484197.8	703	439833.3	4485166.4
604	439713.47	4483398	654	440078.05	4484208.5	704	439837.24	4485181.4
605	439714.86	4483416	655	440080.57	4484219.6	705	439841.16	4485196.3
606	439719.98	4483430.9	656	440084.49	4484229.3	706	439845.47	4485210.5
607	439727.77	4483444.2	657	440091.38	4484246.1	707	439847.2	4485221.7
608	439732.35	4483460.7	658	440100.58	4484256.7	708	439845.23	4485239.5
609	439738.54	4483491	659	440103.1	4484264.1	709	439839.57	4485252.6
610	439742.21	4483502.9	660	440104.09	4484289.7	710	439829.21	4485269.9
611	439753.55	4483511.9	661	440100.06	4484302.5	711	439821.01	4485283.7
612	439757.61	4483526.8	662	440099.94	4484313.3	712	439811.52	4485299.3
613	439759.2	4483535.7	663	440100.96	4484321.9	713	439805.85	4485314
614	439758.63	4483552.6	664	440103.53	4484329	714	439797.61	4485330.9
615	439761.55	4483557.8	665	440102.97	4484340.4	715	439787.36	4485338.8
616	439772.45	4483562.5	666	440099.47	4484350.5	716	439774.04	4485340.9
617	439773.65	4483568.4	667	440094.25	4484363.2	717	439756.93	4485337.5
618	439775.14	4483581.6	668	440089.86	4484376.7	718	439739.78	4485337.4



619	439782.84	4483595.1	669	440088.93	4484383.4	719	439723.27	4485337.2
620	439793.5	4483610.2	670	440089.6	4484397	720	439695.92	4485340.7
621	439793.38	4483621.6	671	440087.5	4484402.3	721	439675.53	4485346.2
622	439799.26	4483670.5	672	440077.58	4484413.8	722	439662.12	4485353
623	439810.45	4483691.8	673	440073.28	4484420.1	723	439660.8	4485356.8
624	439813.22	4483709.2	674	440072.35	4484427.3	724	439639.77	4485362.9
625	439827.44	4483724.6	675	440073.42	4484437.6	725	439783.43	4485365
626	439834.55	4483731.9	676	440063.56	4484449.9	726	441774.33	4485396.6
627	439847.03	4483764.2	677	440061.89	4484465.9	727	441839.58	4485170.4
628	439865.58	4483812.4	678	440060.72	4484501.2	728	441856.3	4485065.2
629	439888.81	4483826.4	679	440058.41	4484514.7	729	441861.44	4485004.5
630	439893.43	4483836.7	680	440049.53	4484537.3	730	441867.77	4484980.5
631	439909.39	4483857.3	681	440046.76	4484551.8	731	441887.74	4484802.1
632	439925.3	4483884.3	682	440041.35	4484577.1	732	441895.39	4484757.3
633	439931.82	4483900.8	683	440044.66	4484622.7	733	441903.75	4484664.8
634	439935.74	4483918.9	684	440027.66	4484774.5	734	441963.91	4484360.7
635	439961.48	4483955.1	685	440010.94	4484879.7	735	441938.77	4484034.9
636	439969.38	4483967.8	686	439994.45	4484917.6	736	441928.38	4483972.7
637	439986.92	4483996	687	439978.7	4484930.2	737	441820.62	4483588.3
638	439998.5	4484020.3	688	439969.19	4484947.4	738	441809.95	4483572
639	440006.29	4484049.8	689	439961.86	4484959.2	739	441767.21	4483409.2
640	440010.4	4484060.7	690	439955.83	4484968.5	740	441689.41	4483289.9
641	440015.47	4484066.6	691	439943.86	4484978.1	741	441686.67	4483275.2
642	440016.95	4484070.7	692	439924.58	4484998.2	742	441631.01	4483173.3
643	440022.06	4484075.1	693	439911.71	4485012.8	743	441621.6	4483145.9
644	440027.32	4484086.1	694	439884.7	4485037.4	744	441587.11	4483092.9
645	440037.82	4484093.6	695	439872.38	4485050.5	745	441518.13	4482966.7
646	440042.54	4484097.4	696	439868.61	4485056.3	746	441503.41	4482909.4
647	440049.71	4484106.4	697	439866	4485073.5	747	441476.89	4482854.5
648	440050.41	4484111.7	698	439864.03	4485086.4	748	441498.39	4482678.8
649	440063.47	4484140	699	439856.48	4485099.6	749	441480.38	4482399.3
650	440069.18	4484150.7	700	439851.63	4485106.4	750	441471.15	4482333.8
751	441463.31	4482304.4	801	436231.87	4483836.6	851	439807.68	4487872.7
752	441356.25	4481903.1	802	436187.39	4483945.8	852	439833.78	4487836.6
753	441293.77	4481807.3	803	436181.82	4483973.4	853	439876.59	4487808.7
754	441290.16	4481788	804	436173.84	4483998.9	854	440153.67	4487416.6
755	441069.61	4481388.8	805	436089.02	4484269.4			
756	441048.62	4481360	806	436071.42	4484354.5			
757	440874.63	4481153.9	807	436054.8	4484508.5			
758	440278.51	4480745.7	808	435974.63	4484783.1			
759	440278.22	4480745.6	809	435930.69	4484864.4			
760	440195.98	4480689.3	810	435781.73	4485571.3			
761	439770.34	4480565.1	811	435790.62	4485618.9			
762	439727.17	4480558	812	435782.87	4485660.6			
763	439445.88	4480533.2	813	435783.52	4485678.2			
764	439400.11	4480541.8	814	435785.01	4485718.7			
765	439383.72	4480539.2	815	435762.53	4485894.9			
766	439365.99	4480542.5	816	435780.14	4486171.5			
767	439331.65	4480535.3	817	435788.34	4486230.4			
768	438718.26	4480632.5	818	435809.41	4486309.6			
769	438565.76	4480684	819	435818.49	4486393.1			
770	438559.56	4480687.8	820	435839.63	4486484.3			
771	438554.68	4480689.1	821	435924.78	4486755.1			
772	438312.78	4480737.9	822	435926.55	4486758			
773	437925.55	4480949.9	823	435930.06	4486813.5			



774	437884.22	4480979.4	824	435948.51	4486946.8			
775	437797.62	4481051.9	825	436064.04	4487382.1			
776	437767.59	4481070	826	436242.99	4487656.6			
777	437723.68	4481107	827	436458.57	4487987.3			
778	437710.23	4481125.1	828	436629.11	4488107.1			
779	437666.25	4481162	829	436763.22	4488222.8			
780	437655.8	4481177.2	830	436834.71	4488274.6			
781	437622.09	4481199.2	831	436844	4488279.9			
782	437564.79	4481255.2	832	436893.52	4488322.3			
783	437564.22	4481256.1	833	436980.41	4488384.3			
784	437237.87	4481685.1	834	437327.59	4488579.3			
785	437191.12	4481769.9	835	437358.84	4488585.9			
786	437160.28	4481825	836	437383.31	4488602			
787	437073.12	4482002.1	837	437468.31	4488635.2			
788	436929.35	4482589.8	838	438119.52	4488761.4			
789	436926.74	4482624.2	839	438829.65	4488628.5			
790	436928.66	4482636.6	840	439434.87	4488233.9			
791	436925.69	4482641.3	841	439454.61	4488205.1			
792	436894.74	4482730.8	842	439480.96	4488187.3			
793	436881.29	4482808.1	843	439541.2	4488124			
794	436825.02	4482993.1	844	439560.84	4488094.2			
795	436809.02	4483078.1	845	439565	4488091.5			
796	436808.75	4483080.8	846	439571.1	4488084.5			
797	436808.67	4483081	847	439589.08	4488071.8			
798	436652.45	4483210.7	848	439658.97	4487992.6			
799	436244.3	4483806.8	849	439669.06	4487976.7			
800	436240.83	4483823.2	850	439738.24	4487934			
1	446103.78	4478537.5	51	448243.44	4476424	101	446949.05	4474969.2
2	446140.19	4478498.1	52	448259.03	4476413.5	102	446941.23	4474969.1
3	446154.97	4478481.4	53	448332.57	4476361.1	103	446930.07	4474967.5
4	446176.61	4478456.7	54	448426.73	4476285.6	104	446917.06	4474964.7
5	446192.41	4478437.6	55	448515.74	4476204.1	105	446907	4474965
6	446241.38	4478398.4	56	448532.03	4476187.1	106	446896.92	4474966.7
7	446330.39	4478316.9	57	447259.78	4474844.8	107	446883.88	4474967
8	446331.86	4478315.4	58	447252.66	4474838.1	108	446872.03	4474960.5
9	446348.46	4478302	59	447250.85	4474845.9	109	446861.3	4474954
10	446373.09	4478280.5	60	447249.53	4474850.7	110	446857.67	4474945.4
11	446377.08	4478277	61	447242.53	4474851.8	111	446854.07	4474934.2
12	446441.46	4478217	62	447236.49	4474852.4	112	446849	4474921.9
13	446468.2	4478190.3	63	447234.55	4474855.2	113	446844.25	4474913.2
14	446498.76	4478165.7	64	447233.22	4474860.6	114	446835.73	4474908.7
15	446541.85	4478129.9	65	447229.98	4474866	115	446826.78	4474909.7
16	446630.87	4478048.4	66	447224.21	4474871	116	446821.49	4474916.3
17	446671.97	4478006.9	67	447216.86	4474874.7	117	446819.9	4474924.9
18	446680.49	4477998	68	447212.05	4474879.1	118	446815.66	4474937.1
19	446682.17	4477996.2	69	447209.13	4474884.8	119	446805.04	4474953.8
20	446693.9	4477986.8	70	447201.78	4474888.9	120	446792.57	4474969.7
21	446706.92	4477975.5	71	447193.19	4474889.7	121	446769.19	4474994
22	446750.77	4477937.2	72	447186.85	4474888.7	122	446760.48	4475006.6
23	446826.77	4477867	73	447176.71	4474887	123	446748.99	4475021.3
24	446879.95	4477812.8	74	447167.16	4474888.8	124	446727.47	4475052.8
25	446893.96	4477798	75	447162.97	4474894.1	125	446714.56	4475070.7
26	446924.27	4477765	76	447159.75	4474897.9	126	446702.25	4475082.7
27	447001.89	4477672.6	77	447155.96	4474896.6	127	446687.85	4475092.6



28	447022.66	4477645.6	78	447151.21	4474894.6	128	446674.54	4475098.8
29	447037.98	4477626.4	79	447146.42	4474897.1	129	446664.9	4475108.7
30	447109.39	4477529.1	80	447137.86	4474896.4	130	446653.72	4475115
31	447110.92	4477526.8	81	447132.46	4474896	131	446636.73	4475119
32	447138.48	4477487.7	82	447128.88	4474903.6	132	446621.43	4475114.6
33	447202.99	4477386.6	83	447121.54	4474906.7	133	446607.68	4475113.9
34	447233.55	4477336.8	84	447112.62	4474909.8	134	446599.16	4475118.1
35	447285.92	4477241.4	85	447104	4474913.5	135	446595.34	4475128.6
36	447290.37	4477238.7	86	447095.12	4474912.7	136	446596.21	4475145.5
37	447389.26	4477169.5	87	447090.62	4474917.5	137	446598.73	4475156.7
38	447483.42	4477094	88	447084.81	4474925.3	138	446599.64	4475169.9
39	447572.43	4477012.5	89	447074.89	4474931.9	139	446597.91	4475182.1
40	447655.93	4476925.4	90	447062.78	4474935.6	140	446590.95	4475189.4
41	447733.55	4476833	91	447051.61	4474940.8	141	446573.99	4475191.3
42	447804.95	4476735.7	92	447042.61	4474950.3	142	446559.57	4475193
43	447869.84	4476633.9	93	447032.68	4474954.5	143	446545.53	4475199.2
44	447880.36	4476614.7	94	447021.04	4474962.6	144	446532.31	4475206.7
45	447881.76	4476614.2	95	447010.94	4474965.4	145	446513.13	4475217.9
46	447913.08	4476601.3	96	447000.48	4474967.9	146	446489.26	4475232
47	447928.63	4476594.8	97	446992.27	4474969.7	147	446474.82	4475235.7
48	448007.8	4476559.1	98	446986.64	4474973	148	446462.97	4475235.5
49	448114.88	4476503.4	99	446975.83	4474974	149	446452.39	4475234.6
50	448218.08	4476440.8	100	446961.68	4474972.7	150	446438.75	4475242.9
151	446423.66	4475266.9	201	446126.66	4475693.2	251	445613.06	4476434.9
152	446415.5	4475276.5	202	446117.37	4475690.6	252	445594.89	4476469
153	446403.16	4475281.9	203	446106.36	4475690.9	253	445575.11	4476495.1
154	446394.17	4475290.7	204	446098.8	4475685.7	254	445566.53	4476505.1
155	446388.53	4475302.5	205	446086.18	4475678	255	445562.21	4476512.7
156	446382.46	4475315.1	206	446072.27	4475672.7	256	445555.86	4476512.6
157	446368.68	4475343.7	207	446047.58	4475684.3	257	445551.98	4476518.5
158	446352.43	4475363.3	208	446021.19	4475696.3	258	445549.77	4476526.5
159	446343.02	4475372.1	209	446006.28	4475704.2	259	445525.79	4476548
160	446333.98	4475380.6	210	445995.59	4475712.9	260	445501.39	4476571.4
161	446330.57	4475385.8	211	445988.93	4475740.4	261	445480.44	4476589
162	446330.49	4475393.2	212	445977.66	4475760.3	262	445472.71	4476599
163	446338.21	4475401.9	213	445960.22	4475786.1	263	445465.49	4476600.7
164	446347.06	4475409.8	214	445945.49	4475796.8	264	445455.3	4476603.1
165	446352.15	4475421.4	215	445934.5	4475813.8	265	445443.82	4476607.2
166	446353.91	4475430.8	216	445919.7	4475830.1	266	445430.63	4476612.5
167	446351.93	4475440.8	217	445898.9	4475872.5	267	445422.1	4476617.9
168	446344.37	4475450	218	445887.22	4475893.9	268	445411.9	4476621.6
169	446336.08	4475458.5	219	445884.45	4475914.2	269	445402.99	4476622.8
170	446324.99	4475470.7	220	445879.8	4475932.6	270	445394.5	4476624.8
171	446320.57	4475487.2	221	445871.98	4475949.7	271	445386.85	4476627.3
172	446317.86	4475502	222	445864.22	4475962.3	272	445381.41	4476621.3
173	446316.02	4475515.1	223	445855.84	4475973	273	445366.62	4476618.6
174	446311.62	4475529	224	445843.77	4475972.8	274	445347.46	4476627.7
175	446304.65	4475546.3	225	445836.77	4475974.7	275	445339.36	4476632.7
176	446292.5	4475572.8	226	445834.13	4475983.5	276	445340.21	4476669.9
177	446283.84	4475589.7	227	445825.45	4476001.9	277	445337.24	4476708
178	446281.99	4475602.8	228	445811.22	4476024.6	278	445332.86	4476721.1
179	446279.27	4475619.2	229	445804.07	4476038.5	279	445317.87	4476735.8
180	446273.72	4475644.5	230	445798.83	4476053.1	280	445299.09	4476749.1
181	446270.57	4475661.4	231	445798.63	4476070.2	281	445269.68	4476768
182	446270.44	4475672.4	232	445795.89	4476088	282	445240.86	4476789.4



183	446268.63	4475683	233	445792.56	4476101.9	283	445232.34	4476793.6
184	446259.68	4475688.4	234	445775.69	4476133.5	284	445225.37	4476801.4
185	446247.44	4475684.9	235	445762.01	4476163.8	285	445217.84	4476811.9
186	446238.52	4475687.3	236	445750.38	4476180.8	286	445207.7	4476819.7
187	446229.14	4475693.1	237	445743.77	4476203.6	287	445198.65	4476824.4
188	446218.07	4475698.1	238	445735.31	4476221.3	288	445189.03	4476832.8
189	446203.64	4475701.3	239	445726.21	4476239.6	289	445173.58	4476841.1
190	446192.69	4475695.7	240	445716.23	4476247.9	290	445160.28	4476847.3
191	446188.97	4475688	241	445707.18	4476257.5	291	445149.07	4476855.6
192	446190.32	4475680.8	242	445698.38	4476277.9	292	445143.63	4476868.2
193	446186.13	4475677	243	445690.04	4476290.9	293	445141.37	4476881.5
194	446173.43	4475676.8	244	445682.09	4476301.9	294	445135.94	4476893
195	446164.97	4475675.5	245	445673.77	4476312.6	295	445123.17	4476898.7
196	446158.95	4475683.5	246	445668.75	4476328.6	296	445113.71	4476892.8
197	446155.4	4475697.8	247	445661.45	4476347.5	297	445107.32	4476896.4
198	446148.94	4475707.9	248	445653.05	4476366.1	298	445097.27	4476896.3
199	446141.28	4475711.2	249	445642.81	4476387.4	299	445079.87	4476889.8
200	446132.48	4475702.6	250	445629.02	4476409.3	300	445064.06	4476883.8
301	445049.81	4476879.9	351	444454.68	4477575.9	401	443748.62	4477851.6
302	445041.35	4476879.3	352	444446.75	4477575.3	402	443737.11	4477839.8
303	445028.54	4476888.6	353	444440.43	4477572	403	443723.42	4477833.3
304	445032.71	4476894.5	354	444434.11	4477569.8	404	443708.74	4477820.5
305	445033.67	4476903	355	444426.14	4477571.9	405	443694.13	4477802.3
306	445038.4	4476906.2	356	444417.65	4477573.9	406	443678.6	4477771.4
307	445044.12	4476920.7	357	444409.68	4477577	407	443672.57	4477742.8
308	445045.56	4476943.6	358	444400.15	4477576.9	408	443670.67	4477723.7
309	445041.12	4476961.3	359	444389.57	4477576.7	409	443662.28	4477717.3
310	445029.9	4476979.8	360	444377.92	4477576.6	410	443644.22	4477722.3
311	445011.97	4476993.2	361	444356.5	4477599.1	411	443621.68	4477749.6
312	444996.61	4477003.2	362	444330.12	4477638	412	443601.42	4477763.1
313	444983	4477008.1	363	444308.59	4477667.4	413	443579.37	4477747
314	444962.64	4477011.3	364	444291.46	4477684.2	414	443564.8	4477724.6
315	444949.09	4477011.1	365	444276.43	4477703	415	443574.53	4477706.7
316	444934.76	4477005.9	366	444254.85	4477738.8	416	443591.62	4477693.2
317	444920.44	4476998.9	367	444223.8	4477770.2	417	443617.3	4477669.1
318	444907.74	4476998.8	368	444207.85	4477776.4	418	443615.38	4477652.2
319	444902.49	4477013.1	369	444196.05	4477790	419	443601.89	4477627.7
320	444891.86	4477054.5	370	444184.37	4477793	420	443562.01	4477597.6
321	444877.93	4477088.2	371	444162.06	4477800.2	421	443524.18	4477572.8
322	444857.72	4477134	372	444147.08	4477813.8	422	443508.35	4477568.4
323	444840.28	4477159.9	373	444132.15	4477824.2	423	443499.63	4477574.3
324	444821.6	4477182.5	374	444114.08	4477830.4	424	443499.55	4477581.3
325	444808.16	4477191.3	375	444105.58	4477833.4	425	443493.14	4477587
326	444801.06	4477201.4	376	444089.6	4477841.7	426	443483.07	4477578.6
327	444789.54	4477209.5	377	444081.17	4477838.4	427	443472.33	4477573.4
328	444776.53	4477236.6	378	444053.71	4477832.8	428	443462.23	4477568.2
329	444758.46	4477261.2	379	444024.09	4477831.5	429	443447.02	4477564.9
330	444723.86	4477288.1	380	444012.42	4477833.4	430	443427.39	4477560.2
331	444698.19	4477311.3	381	443982.55	4477853.2	431	443407.73	4477557.4
332	444675.03	4477328.5	382	443970.71	4477871.1	432	443387.43	4477555.3
333	444660.96	4477336.4	383	443957.89	4477881.5	433	443375.32	4477558.3
334	444646.11	4477338.8	384	443940.96	4477880.3	434	443363.24	4477559.5
335	444634.22	4477342.1	385	443929.41	4477871.7	435	443347.95	4477563.7
336	444621.41	4477351.2	386	443928.51	4477857.9	436	443326.91	4477571.1
337	444599.11	4477376.4	387	443917.95	4477855.7	437	443315.37	4477580.5



338	444572.79	4477419.3	388	443906.38	4477849.2	438	443291.76	4477589.8
339	444563.72	4477435.3	389	443897.89	4477851.2	439	443273.94	4477592.7
340	444541.54	4477477.9	390	443880.87	4477858.4	440	443245.97	4477595
341	444531.22	4477501.1	391	443858.5	4477870.9	441	443225.65	4477594.7
342	444517.64	4477531.6	392	443842.6	4477872.8	442	443222.99	4477604.9
343	444509.04	4477543.2	393	443830.82	4477884.3	443	443216.58	4477610.5
344	444501.51	4477553.7	394	443817.01	4477888.4	444	443205.74	4477613.6
345	444488.73	4477560.4	395	443807.55	4477883	445	443191.76	4477614.7
346	444481.27	4477564.5	396	443796.9	4477888.2	446	443166.99	4477614.4
347	444477.03	4477565.6	397	443782.08	4477888	447	443139.03	4477615.4
348	444474.41	4477563.4	398	443773.58	4477891.1	448	443121.78	4477624.1
349	444467.47	4477568.1	399	443769.51	4477876.2	449	443109.6	4477634.1
350	444458.42	4477572.8	400	443760.12	4477864.5	450	443099.88	4477651.1
451	443084.44	4477668.7	501	442173.52	4478377.4	551	441004.9	4477317.6
452	443075.37	4477683.9	502	442138.06	4478368.6	552	440991.89	4477270
453	443068.93	4477692.1	503	442102.63	4478356.3	553	440966.89	4477234.2
454	443056.03	4477700.8	504	442073.82	4478357.7	554	440938.41	4477206.8
455	443048.95	4477709	505	442043.45	4478347.2	555	440913.04	4477203.1
456	443041.25	4477715.9	506	441992.97	4478317.8	556	440860.39	4477216
457	443046.24	4477724.2	507	441967.95	4478283.7	557	440775.88	4477199.8
458	443019.86	4477753.8	508	441951.24	4478263.1	558	440637.51	4477154.2
459	443014.15	4477753.1	509	441908.98	4478255.9	559	440615.8	4477126.9
460	443003.85	4477765.7	510	441831.48	4478219.4	560	440623	4477089.7
461	442993.61	4477772.5	511	441777.73	4478179.9	561	440647.21	4477045.9
462	442982.13	4477776.9	512	441717.24	4478136.8	562	440669.43	4477027.6
463	442970.57	4477788.2	513	441677.01	4478099.1	563	440683.33	4476997.2
464	442961.6	4477794.4	514	441641.81	4478066.5	564	440663.16	4476983.5
465	442946.9	4477803.1	515	441606.65	4478030.6	565	440635.93	4476969.9
466	442940.38	4477817.7	516	441539.37	4477989.2	566	440636.31	4476936
467	442935.12	4477833.5	517	441484.04	4477939.4	567	440636.66	4476905.3
468	442926.7	4477848	518	441465.76	4477908.7	568	440636.03	4476867.2
469	442915.04	4477867.6	519	441437.31	4477877.9	569	440616.79	4476883.9
470	442904.74	4477880.2	520	441411.7	4477896.3	570	440596.37	4476911.2
471	442888.15	4477886.3	521	441397.92	4477916.4	571	440582.49	4476921.6
472	442878.49	4477898.3	522	441338.47	4477931	572	440571.89	4476922.6
473	442872.65	4477909.6	523	441299.52	4477930.6	573	440572.09	4476904.6
474	442877.58	4477922.4	524	441205.47	4477860	574	440561.45	4476909.7
475	442873.63	4477935.1	525	441153.66	4477798.5	575	440547.56	4476921.2
476	442860.86	4477940.6	526	441108.48	4477743.9	576	440546.28	4476940.3
477	442845.48	4477953.2	527	441078.41	4477706.3	577	440535.51	4476957.1
478	442834.5	4477977.2	528	441082.13	4477677.6	578	440476.99	4476982.9
479	442824.25	4477984.7	529	441092.5	4477659	579	440427.12	4476992.9
480	442810.19	4477992.2	530	441094.5	4477632	580	440382.68	4476991.4
481	442810.11	4477999.8	531	441101.45	4477616.8	581	440340.47	4476979.2
482	442813.7	4478018.9	532	441118.61	4477596.7	582	440312.07	4476963
483	442808.3	4478046.8	533	441140.82	4477580	583	440304.9	4476941.8
484	442795.18	4478083.5	534	441166.65	4477543	584	440302.93	4476929.1
485	442770.84	4478102.3	535	441185.62	4477512.7	585	440313.56	4476924.9
486	442750.37	4478114.7	536	441187.47	4477499.2	586	440321.19	4476906
487	442721.13	4478117	537	441165.53	4477492.2	587	440312.84	4476895.3
488	442691.75	4478130.6	538	441143.2	4477519	588	440300.01	4476906.8
489	442667.39	4478150.6	539	441107.12	4477564.4	589	440293.9	4476885.5
490	442580.98	4478265.3	540	441086.76	4477567.5	590	440273.94	4476871.6
491	442517.81	4478347.1	541	441066.76	4477538.5	591	440261.42	4476855.5
492	442444.07	4478417.8	542	441062.05	4477506.3	592	440243.47	4476851.1



493	442397.94	4478452.8	543	441067.63	4477462.3	593	440217.87	4476868.8
494	442369.08	4478459.3	544	441061.16	4477435.1	594	440179.59	4476883.2
495	442335.17	4478462.3	545	441058.06	4477409.7	595	440124.16	4476917.5
496	442296.18	4478465.2	546	441056.6	4477389.3	596	440030.55	4476957.7
497	442267.52	4478453	547	441077.3	4477355.7	597	440008.26	4476964.2
498	442244	4478435.8	548	441056.87	4477365.6	598	439994.28	4476964.7
499	442218.91	4478408.4	549	441031.29	4477380.6	599	439988.42	4476977.3
500	442192.04	4478387.8	550	441012.93	4477356.7	600	439970	4476977.1
601	439950.37	4476971.8	651	439891.34	4476380.5	701	440211.43	4476192.9
602	439933.92	4476965.9	652	439900.28	4476380.6	702	440216.56	4476188.7
603	439914.24	4476965.7	653	439906.98	4476381.1	703	440223.78	4476187.5
604	439864.86	4476950.5	654	439913.64	4476384.5	704	440230.15	4476185.9
605	439829.59	4476924.1	655	439921.46	4476385.3	705	440237.43	4476178.3
606	439789.71	4476856.3	656	439950.11	4476388.3	706	440244.69	4476172.9
607	439753.39	4476810.8	657	439976.57	4476387.8	707	440246.46	4476165.7
608	439725.62	4476795.2	658	439983.2	4476394.6	708	440247.84	4476156.4
609	439694.03	4476780.3	659	439989.52	4476396.2	709	440250.05	4476148
610	439668.29	4476753.9	660	439997.37	4476393.6	710	440256.89	4476142.1
611	439655.84	4476731.6	661	440001.5	4476390.3	711	440272.59	4476139.8
612	439648.45	4476710.7	662	440008.23	4476388.5	712	440279.35	4476141.1
613	439637.02	4476673.4	663	440015.29	4476390.1	713	440280.93	4476151.3
614	439628.87	4476644.5	664	440021.24	4476390.9	714	440285.54	4476155.2
615	439625.78	4476618.2	665	440026.09	4476390.2	715	440293.13	4476157.8
616	439624.36	4476594.4	666	440025.42	4476384.3	716	440299.76	4476170.6
617	439631.32	4476578.4	667	440026.6	4476378.7	717	440314.71	4476196.6
618	439635.71	4476564.1	668	440033.74	4476373.2	718	440322.29	4476200.5
619	439637.58	4476548.9	669	440034.94	4476366.1	719	440328.64	4476200.5
620	439639.51	4476527.7	670	440033.51	4476360.9	720	440335.46	4476196.4
621	439646.6	4476499.9	671	440035.42	4476356.1	721	440336.63	4476205.7
622	439651.84	4476486.4	672	440043.64	4476353.9	722	440341.28	4476206.2
623	439652	4476472	673	440046.27	4476352.1	723	440351.91	4476202.1
624	439655.63	4476450.8	674	440048.61	4476343.2	724	440356.26	4476192.4
625	439661.69	4476439	675	440055	4476338.4	725	440367.81	4476181.9
626	439671.96	4476429	676	440059.81	4476341.4	726	440373.41	4476173.5
627	439682.22	4476420.6	677	440063.93	4476338.9	727	440382.35	4476169
628	439691.66	4476409.7	678	440068.87	4476330.7	728	440384.55	4476161.4
629	439689.23	4476399.6	679	440074.86	4476327.8	729	440373.22	4476115.5
630	439692.68	4476394.5	680	440079.44	4476318.6	730	440371.75	4476095.2
631	439703.67	4476396.3	681	440083.26	4476310.4	731	440370.24	4476079.5
632	439710.44	4476396.4	682	440088.59	4476300.4	732	440370.23	4476067.6
633	439712.24	4476387.1	683	440093.5	4476294.1	733	440375.88	4476054.9
634	439725.82	4476384.7	684	440096.62	4476282.2	734	440377.25	4476046.5
635	439749.45	4476391.8	685	440103.88	4476265.6	735	440373.52	4476039.2
636	439760.44	4476393.6	686	440108.48	4476254.1	736	440371.5	4476029.9
637	439779.99	4476387	687	440114.49	4476250.4	737	440371.64	4476017.6
638	439786.8	4476383.7	688	440120.44	4476250.8	738	440373.87	4476007.9
639	439788.62	4476372.7	689	440125.39	4476241.2	739	440373.13	4475998.6
640	439787.95	4476357.5	690	440131.05	4476234.9	740	440366.87	4475990.9
641	439787.26	4476343.1	691	440136.34	4476229	741	440366.96	4475982.8
642	439794.12	4476336.4	692	440142.19	4476212.8	742	440375.88	4475980.4
643	439811.09	4476333.2	693	440153.78	4476198.6	743	440379.65	4475983.4
644	439828.01	4476335.1	694	440160.57	4476197.8	744	440384.36	4475978.8
645	439842.38	4476336.9	695	440165.22	4476197.8	745	440389.08	4475973.8
646	439860.11	4476342.2	696	440174.17	4476192.9	746	440395.94	4475966.2
647	439871.21	4476348.2	697	440181.38	4476192.1	747	440402.25	4475970.1



648	439874.42	4476360.6	698	440191.09	4476194.7	748	440406.42	4475975.2
649	439878.06	4476368.4	699	440200.35	4476199.9	749	440412.79	4475973.6
650	439883.56	4476376.3	700	440207.1	4476201.3	750	440419.6	4475970.7
751	440424.3	4475967	801	440715.26	4476017.5	851	440834.23	4475645.1
752	440424.4	4475958.1	802	440719.41	4476013.1	852	440843.17	4475641.4
753	440426.58	4475953	803	440722.06	4476009.4	853	440851.22	4475640.7
754	440429.63	4475945	804	440722.1	4476005.3	854	440861.85	4475636.6
755	440433.88	4475943.8	805	440715.78	4476004.1	855	440869.92	4475635
756	440437.77	4475937.1	806	440712.89	4475996.3	856	440872.55	4475626.5
757	440444.12	4475937.1	807	440717.47	4475987	857	440881.05	4475624.1
758	440453.05	4475933.8	808	440721.29	4475978.1	858	440889.13	4475621.2
759	440461.14	4475929.3	809	440723.63	4475969.2	859	440902.33	4475614.2
760	440467.98	4475923.8	810	440727.77	4475965.9	860	440910.04	4475607
761	440476.89	4475921.8	811	440731.54	4475961.8	861	440918.98	4475602.5
762	440484.49	4475924	812	440729.43	4475950.6	862	440926.27	4475594.5
763	440492.15	4475921.2	813	440726.55	4475942	863	440934.43	4475584.5
764	440499.3	4475925	814	440727.81	4475929.4	864	440942.12	4475577.8
765	440502.97	4475937.4	815	440729.44	4475917.1	865	440948.18	4475566.4
766	440508.05	4475937.4	816	440730.25	4475910.8	866	440956.3	4475560.1
767	440506.91	4475926	817	440723.59	4475907	867	440961.88	4475553
768	440501.14	4475912.4	818	440718.09	4475899.1	868	440968.32	4475545.9
769	440510.05	4475910.8	819	440714.84	4475890.1	869	440976.8	4475544.3
770	440522.76	4475910.1	820	440710.44	4475883.3	870	440979.41	4475538.4
771	440539.26	4475911.5	821	440700.82	4475878	871	440986.64	4475535.9
772	440557.01	4475914.7	822	440696.48	4475869.8	872	440995.98	4475533.5
773	440571.33	4475920.8	823	440696.96	4475860.5	873	441009.36	4475527.5
774	440582.94	4475923.6	824	440696.63	4475856.8	874	441016.4	4475522.5
775	440594.08	4475927.1	825	440696.69	4475851.2	875	441019.09	4475509.9
776	440598.51	4475930.5	826	440703.14	4475840.8	876	441024.43	4475487.1
777	440600.46	4475923.5	827	440704.38	4475830.4	877	441032.16	4475477
778	440604.24	4475918.3	828	440709.33	4475821.1	878	441039.85	4475471.3
779	440611.7	4475917.2	829	440715.78	4475810.8	879	441046.98	4475462.8
780	440618.78	4475917	830	440724.53	4475794.9	880	441050.84	4475450.5
781	440622.43	4475924.1	831	440733.63	4475780.8	881	441052.88	4475434.9
782	440628.31	4475931.6	832	440737.48	4475769.7	882	441053	4475424.5
783	440635.35	4475934.3	833	440745.4	4475761.2	883	441049.76	4475414.4
784	440646.87	4475937	834	440754.18	4475759.4	884	441048.34	4475408.4
785	440657.27	4475940.1	835	440763.17	4475750.2	885	441049.91	4475401.3
786	440668.75	4475946.2	836	440769.64	4475740.5	886	441052.96	4475395
787	440678.34	4475954.9	837	440772.25	4475733.8	887	441056.76	4475388.7
788	440686.78	4475966.2	838	440773.62	4475724.9	888	441062.02	4475384.7
789	440686.32	4475974	839	440773.3	4475716	889	441066.9	4475381.8
790	440688.08	4475982.9	840	440780.18	4475706.8	890	441075.11	4475380.4
791	440687.22	4475993.4	841	440786.65	4475696.7	891	441091.09	4475383.5
792	440691.99	4475999.7	842	440796.07	4475687.5	892	441098.12	4475387.7
793	440697.5	4476006.5	843	440805.86	4475682.5	893	441111.52	4475389
794	440703.4	4476011.8	844	440816.03	4475682.2	894	441127.13	4475392.5
795	440707.45	4476016.3	845	440825.72	4475686.1	895	441142.32	4475400.5
796	440709.25	4476021.6	846	440832.92	4475686.2	896	441154.2	4475404
797	440708.83	4476026.4	847	440835.57	4475676.5	897	441165.37	4475404.5
798	440711.38	4476031.3	848	440837.79	4475667.6	898	441172.86	4475401.2
799	440715.84	4476031.7	849	440837.45	4475660	899	441181.43	4475401.3
800	440717.82	4476022	850	440834.15	4475652.3	900	441192.59	4475402.2
901	441197.87	4475396.7	951	441309.66	4475176.5	1001	441331.13	4474980.9
902	441201.33	4475387.4	952	441302.49	4475173.5	1002	441336.72	4474980.2



903	441203.29	4475378.8	953	441295.35	4475168.3	1003	441345	4474972.9
904	441208.64	4475367.3	954	441291.47	4475159.7	1004	441349.2	4474964.3
905	441223.21	4475363	955	441290.06	4475153.3	1005	441357.53	4474952.5
906	441232.96	4475357.6	956	441286.76	4475148.4	1006	441359.89	4474948.2
907	441231.57	4475348.6	957	441281.22	4475144.3	1007	441367.38	4474944.5
908	441239.85	4475341.6	958	441280.51	4475140.9	1008	441370.75	4474942.7
909	441253.32	4475336.9	959	441283.93	4475135.4	1009	441373.05	4474937.1
910	441261.24	4475327.7	960	441286.59	4475130.6	1010	441373.87	4474930.4
911	441270.21	4475325.6	961	441287.81	4475121.3	1011	441376.54	4474924.9
912	441278.74	4475329.4	962	441289.02	4475113.4	1012	441381.81	4474920.8
913	441287.66	4475331	963	441284.27	4475105.2	1013	441386.35	4474914.2
914	441303.69	4475329.3	964	441281.69	4475102.6	1014	441392.35	4474911.3
915	441318.17	4475322.3	965	441270.94	4475098	1015	441397.96	4474909.1
916	441328	4475314.3	966	441266.89	4475093.1	1016	441405.1	4474903.6
917	441333.57	4475308.5	967	441268.09	4475086.4	1017	441407.41	4474896.9
918	441337.44	4475303.4	968	441265.5	4475084.1	1018	441413.81	4474891
919	441342.11	4475301.8	969	441259.17	4475084	1019	441420.6	4474884
920	441352.27	4475302.3	970	441255.1	4475081.8	1020	441425.17	4474874.8
921	441358.59	4475304.9	971	441254.82	4475073.6	1021	441430.47	4474867.4
922	441364.5	4475307.1	972	441254.89	4475067.6	1022	441436.53	4474858.5
923	441372.53	4475308.5	973	441250.12	4475060.5	1023	441448.65	4474841.1
924	441376.78	4475306.8	974	441245.29	4475060	1024	441454.66	4474836.7
925	441378.95	4475301.8	975	441236.71	4475061.1	1025	441457.7	4474831.9
926	441383.65	4475298	976	441234.16	4475055.8	1026	441456.29	4474824.8
927	441387.09	4475293.4	977	441230.83	4475053.2	1027	441455.25	4474818.1
928	441388.01	4475287.5	978	441226.75	4475052	1028	441454.2	4474811.4
929	441388.1	4475279.4	979	441220.82	4475049	1029	441450.94	4474803.9
930	441387.34	4475271.8	980	441220.14	4475043	1030	441452.5	4474797.6
931	441383.57	4475268	981	441226.13	4475041.2	1031	441458.19	4474788.7
932	441378.58	4475259.9	982	441232.12	4475038.3	1032	441459.66	4474779.5
933	441371.86	4475255.1	983	441240.74	4475033.9	1033	441457.91	4474769
934	441368.97	4475248.7	984	441243.46	4475024.3	1034	441458.72	4474763.8
935	441364.81	4475241.5	985	441244.65	4475017.2	1035	441461.39	4474758.2
936	441359.36	4475237.2	986	441246.96	4475011.3	1036	441463.31	4474752.7
937	441353.04	4475234.6	987	441250.37	4475005.7	1037	441466.37	4474745.6
938	441347.95	4475235.4	988	441254.11	4475005	1038	441470.53	4474740.8
939	441342.85	4475237	989	441261.55	4475005.8	1039	441475.82	4474733.8
940	441335.66	4475236.1	990	441268.6	4475008.5	1040	441481.02	4474735.4
941	441330.66	4475228.8	991	441275.28	4475010.1	1041	441484.74	4474735.8
942	441328.62	4475222	992	441280.14	4475008.6	1042	441487.41	4474730.6
943	441323.15	4475219	993	441284.29	4475004.6	1043	441494.16	4474726.9
944	441315.99	4475215.5	994	441291.03	4475001.3	1044	441500.55	4474721.4
945	441310.08	4475214.2	995	441296.65	4474998.8	1045	441506.93	4474717.4
946	441304.2	4475209.9	996	441304.87	4474996.6	1046	441512.56	4474714.1
947	441301.72	4475204.4	997	441309.37	4474993.7	1047	441515.23	4474708.5
948	441300.91	4475200.5	998	441312.4	4474989.3	1048	441521.25	4474703.4
949	441305.68	4475191.3	999	441316.2	4474983.3	1049	441525.4	4474698.2
950	441309.61	4475180.7	1000	441322.56	4474981.2	1050	441526.99	4474689.3
1051	441528.55	4474683.7	1101	441936.85	4474406.9	1151	442152.04	4474125.2
1052	441531.62	4474675.6	1102	441938.43	4474398.3	1152	442163.43	4474128.5
1053	441536.56	4474667.1	1103	441938.13	4474392.3	1153	442173.88	4474131.1
1054	441542.99	4474658.9	1104	441932.62	4474385.6	1154	442177.45	4474124.5
1055	441551.59	4474656.1	1105	441925.23	4474379.9	1155	442179.43	4474117.9
1056	441557.93	4474655	1106	441923.79	4474375	1156	442179.49	4474112.5
1057	441562.46	4474649.8	1107	441927.2	4474370.2	1157	442179.56	4474107.1



1058	441567.02	4474642.1	1108	441925.77	4474364.6	1158	442185.61	4474104.9
1059	441567.88	4474631.6	1109	441921.71	4474361.6	1159	442184.72	4474099.5
1060	441569.53	4474626.5	1110	441919.56	4474354.1	1160	442185.72	4474095.7
1061	441574.45	4474619.1	1111	441928.98	4474344.5	1161	442194	4474093.6
1062	441578.23	4474615	1112	441936.52	4474336.8	1162	442202.57	4474093.7
1063	441592.09	4474607.7	1113	441938.15	4474324.5	1163	442213.36	4474094.7
1064	441604.81	4474603.8	1114	441936.88	4474313.9	1164	442221.94	4474094.5
1065	441608.53	4474603.8	1115	441934.39	4474308.8	1165	442223.26	4474089.5
1066	441610.72	4474607.9	1116	441936.16	4474302.1	1166	442219.22	4474081.8
1067	441616.69	4474607.3	1117	441937.06	4474297.4	1167	442222.18	4474072.9
1068	441626.42	4474602.9	1118	441937.13	4474291.5	1168	442223.58	4474061.8
1069	441636.12	4474601.9	1119	441938.47	4474285.1	1169	442224.3	4474053.6
1070	441648.06	4474600.2	1120	441937.25	4474280.5	1170	442216.15	4474044.9
1071	441660.4	4474596.6	1121	441935.19	4474275.8	1171	442210.48	4474040.4
1072	441673.11	4474593	1122	441941.16	4474272	1172	442201.92	4474038.7
1073	441687.7	4474587.2	1123	441947.1	4474271.3	1173	442196.6	4474032
1074	441703.08	4474578.1	1124	441946.32	4474265.3	1174	442188.1	4474025.9
1075	441713.63	4474568.1	1125	441943.84	4474259.8	1175	442182.77	4474019.1
1076	441719.68	4474560	1126	441947.7	4474255.6	1176	442183.37	4474013.3
1077	441726.14	4474548.9	1127	441952.83	4474251	1177	442185.26	4474009.6
1078	441732.17	4474542.6	1128	441959.23	4474247.3	1178	442183.47	4474004.3
1079	441737.51	4474531.5	1129	441966.09	4474239.7	1179	442184.58	4474000.1
1080	441742.1	4474521.1	1130	441970.35	4474236.8	1180	442187.8	4473996.1
1081	441746.35	4474507.8	1131	441984.68	4474242.9	1181	442192.84	4473994.9
1082	441752.79	4474498.5	1132	441986.89	4474234.5	1182	442197.87	4473994.9
1083	441769.4	4474479.7	1133	441990.36	4474227.3	1183	442204.76	4473993.7
1084	441774.03	4474465.2	1134	441992.99	4474219.7	1184	442207.44	4473991.1
1085	441775.65	4474461.7	1135	441999.46	4474209.6	1185	442211.69	4473989.8
1086	441779.77	4474459.5	1136	442007.97	4474205.9	1186	442219.13	4473987.2
1087	441785	4474458.8	1137	442015.24	4474199.2	1187	442225.23	4473985.7
1088	441794.73	4474454.8	1138	442023.84	4474187.4	1188	442230.26	4473985.8
1089	441801.46	4474452.3	1139	442033.24	4474180.4	1189	442238.22	4473983.5
1090	441808.57	4474449.4	1140	442042.68	4474169.4	1190	442241.97	4473980.1
1091	441833.13	4474452.6	1141	442054.71	4474153.5	1191	442246.03	4473971.9
1092	441840.2	4474453.4	1142	442065.11	4474145.8	1192	442250.28	4473970.1
1093	441848.76	4474453.5	1143	442070.3	4474135.4	1193	442259.28	4473970.7
1094	441859.22	4474451.8	1144	442079.3	4474126.6	1194	442269.6	4473970.9
1095	441871.94	4474447.1	1145	442088.89	4474120.3	1195	442279.94	4473968.6
1096	441885.74	4474445.8	1146	442101.33	4474116.3	1196	442288.98	4473965
1097	441901.11	4474437	1147	442110.22	4474116.4	1197	442299.84	4473964
1098	441915.75	4474427.9	1148	442121.64	4474117.2	1198	442308.59	4473963.1
1099	441927.38	4474420.5	1149	442132.74	4474118.9	1199	442319.48	4473959.5
1100	441932.67	4474413.9	1150	442139.34	4474124.4	1200	442326.72	4473959.3
1201	442334.43	4473951.4	1251	442570.06	4473698.2	1301	442678.79	4473412.1
1202	442338.9	4473949.6	1252	442553.62	4473692.3	1302	442681.53	4473400.6
1203	442342.13	4473944.9	1253	442533.31	4473690.8	1303	442681.68	4473391.9
1204	442345.68	4473939.5	1254	442513.61	4473691.2	1304	442685.55	4473386.9
1205	442351.79	4473933.2	1255	442502.16	4473693	1305	442692.86	4473386.9
1206	442357.55	4473929.2	1256	442483.81	4473687	1306	442698.53	4473390.5
1207	442362.69	4473924.5	1257	442468.62	4473681.8	1307	442702.62	4473393.7
1208	442365.9	4473921	1258	442454.07	4473677.2	1308	442706.43	4473393.8
1209	442366.58	4473917.2	1259	442443.33	4473671.3	1309	442711.58	4473388.1
1210	442368.86	4473911.8	1260	442441.51	4473663.7	1310	442721.53	4473378.7
1211	442375.25	4473908.4	1261	442446.14	4473647.9	1311	442726.05	4473372.1
1212	442381.63	4473906.2	1262	442464.73	4473632.8	1312	442730.63	4473360.1



1213	442386.11	4473903.4	1263	442470.58	4473620.8	1313	442736.5	4473346.8
1214	442392.51	4473898.7	1264	442484.7	4473608.3	1314	442741.68	4473338
1215	442396.34	4473897.5	1265	442487.84	4473604.9	1315	442744.01	4473328.4
1216	442403.01	4473897.3	1266	442492.26	4473603.8	1316	442750.87	4473312
1217	442407.15	4473895.7	1267	442495.68	4473600.8	1317	442759.03	4473292.7
1218	442408.16	4473891	1268	442497.08	4473596.2	1318	442769.49	4473265.9
1219	442415.56	4473882.8	1269	442496.46	4473591.1	1319	442779.54	4473253.6
1220	442425.47	4473876.9	1270	442499.06	4473586.4	1320	442788.84	4473250.3
1221	442434.41	4473872.5	1271	442505.36	4473583.6	1321	442794.76	4473242.1
1222	442443.63	4473871.4	1272	442512.84	4473580.8	1322	442801.49	4473231.4
1223	442451.9	4473870.8	1273	442518.85	4473573.3	1323	442809.84	4473219
1224	442458.26	4473870.3	1274	442526.08	4473563.7	1324	442822.56	4473217.6
1225	442463.05	4473867.2	1275	442531.92	4473556.5	1325	442828.88	4473219.8
1226	442467.24	4473861.8	1276	442533.72	4473547.2	1326	442839.26	4473215.4
1227	442474.88	4473860.3	1277	442540.93	4473538.6	1327	442847.53	4473209.1
1228	442481.59	4473856.6	1278	442550.78	4473529.9	1328	442848.42	4473200.7
1229	442488.94	4473852.8	1279	442557.9	4473526.6	1329	442854.81	4473197.6
1230	442496.63	4473846.9	1280	442566.18	4473519.3	1330	442861.2	4473194.2
1231	442501.52	4473845.1	1281	442573.75	4473508.2	1331	442864.45	4473187.6
1232	442507.1	4473845.6	1282	442574.59	4473500.4	1332	442871.87	4473186.6
1233	442518.34	4473840.5	1283	442574.68	4473492.2	1333	442878.77	4473184.6
1234	442523.25	4473833.8	1284	442572.91	4473484	1334	442883.56	4473182
1235	442532.37	4473829.9	1285	442572.65	4473473.5	1335	442890.42	4473183.9
1236	442541.89	4473830.6	1286	442581.35	4473462.1	1336	442897.29	4473185.3
1237	442552.03	4473832.6	1287	442590.04	4473451.4	1337	442904.74	4473181.7
1238	442560.94	4473830.8	1288	442599.5	4473438.8	1338	442919.63	4473175.3
1239	442566.73	4473823.9	1289	442607.47	4473426.2	1339	442933.97	4473171.5
1240	442569.36	4473816.3	1290	442611.65	4473418.8	1340	442951.45	4473169.8
1241	442578.28	4473813.9	1291	442618.35	4473419.3	1341	442971.03	4473170.3
1242	442590.41	4473808.3	1292	442627.26	4473421.6	1342	442985.34	4473168.6
1243	442596.24	4473798.8	1293	442639.16	4473424.3	1343	442995.98	4473164.5
1244	442596.42	4473782.9	1294	442643.61	4473425.9	1344	443015.91	4473157.3
1245	442601.03	4473768.4	1295	442647.59	4473436	1345	443028.4	4473152.4
1246	442601.76	4473760.1	1296	442648.97	4473445.7	1346	443046.36	4473139.1
1247	442598.71	4473748.7	1297	442656.81	4473444.3	1347	443051.93	4473132.8
1248	442588.63	4473741.6	1298	442658.06	4473433.1	1348	443058.5	4473127.7
1249	442584.97	4473728.2	1299	442662.96	4473428.3	1349	443072.34	4473120.9
1250	442579.42	4473712.9	1300	442672.36	4473420.3	1350	443077.22	4473119.7
1351	443080.61	4473119.3	1401	443242.59	4472807.1	1451	443510.01	4472643.9
1352	443084.44	4473118.1	1402	443259.14	4472795.1	1452	443509.65	4472637.7
1353	443088.29	4473114.3	1403	443274.04	4472787.6	1453	443506.94	4472633.9
1354	443087.69	4473111.1	1404	443286.06	4472778.2	1454	443506.79	4472628.6
1355	443086.88	4473108.2	1405	443293.27	4472772.2	1455	443509.41	4472621.6
1356	443091.13	4473106.3	1406	443296.51	4472767.2	1456	443509.68	4472616.3
1357	443092.43	4473103.8	1407	443300.8	4472762.2	1457	443509.37	4472606.6
1358	443092.69	4473099.6	1408	443305.06	4472759.6	1458	443507.78	4472597
1359	443097.82	4473095.2	1409	443309.64	4472752.2	1459	443505.73	4472591.9
1360	443109.55	4473088.1	1410	443318.22	4472742.3	1460	443500.79	4472581.1
1361	443117.4	4473086.3	1411	443326.48	4472737.3	1461	443497.7	4472573.7
1362	443125.72	4473080.9	1412	443337.92	4472732.2	1462	443497.26	4472566
1363	443127.06	4473074.7	1413	443339.52	4472723.5	1463	443495.74	4472559.4
1364	443126.74	4473065.8	1414	443343.39	4472718.1	1464	443493.15	4472554.6
1365	443129.57	4473059.1	1415	443347.04	4472713.2	1465	443488.45	4472548.7
1366	443131.34	4473052.3	1416	443350.08	4472706.7	1466	443486.39	4472543.7
1367	443134.62	4473043.1	1417	443354.58	4472702.5	1467	443487.51	4472538.7



1368	443136.63	4473033.8	1418	443359.05	4472699.6	1468	443492.33	4472533.7
1369	443141.31	4473017.7	1419	443364.83	4472694.2	1469	443496.89	4472528.4
1370	443145.42	4473005	1420	443368.89	4472690.8	1470	443498.56	4472520.8
1371	443147.13	4472994.2	1421	443372.94	4472688.3	1471	443496.28	4472511.8
1372	443148.81	4472986.5	1422	443377.84	4472685.9	1472	443497.19	4472502
1373	443153.12	4472979.7	1423	443383.6	4472682.3	1473	443495.45	4472491.9
1374	443154.49	4472974.9	1424	443385.55	4472678.3	1474	443491.81	4472486.3
1375	443156.49	4472962	1425	443389.2	4472673.7	1475	443490.27	4472482
1376	443153.9	4472956.9	1426	443392.61	4472671.4	1476	443490.33	4472476.5
1377	443151.84	4472952.7	1427	443399.2	4472669.8	1477	443492.74	4472473.9
1378	443152.42	4472948.2	1428	443404.92	4472669	1478	443495.45	4472468.6
1379	443154.31	4472944.2	1429	443409.57	4472669.9	1479	443497.09	4472463.3
1380	443155.79	4472933.3	1430	443416.57	4472668.9	1480	443497.41	4472459.1
1381	443155.58	4472923.8	1431	443422.52	4472666.7	1481	443499.3	4472455.1
1382	443153.41	4472919	1432	443429.11	4472664.4	1482	443504.33	4472454.9
1383	443153.81	4472911.4	1433	443434.85	4472662.6	1483	443510.16	4472455
1384	443154.82	4472906.6	1434	443441.19	4472663.5	1484	443513.1	4472452.1
1385	443157.43	4472900.3	1435	443445.8	4472667.1	1485	443511.05	4472446.5
1386	443161	4472893.7	1436	443449.83	4472667	1486	443505.82	4472440.9
1387	443165.19	4472888.3	1437	443457.04	4472665.8	1487	443505.36	4472434
1388	443174.15	4472882.4	1438	443460.46	4472663.3	1488	443509.44	4472425.1
1389	443180.24	4472877.1	1439	443467.43	4472664.8	1489	443510.32	4472416.9
1390	443182.2	4472873	1440	443476.07	4472667.6	1490	443509.55	4472408.2
1391	443184.17	4472867	1441	443481.15	4472668.5	1491	443508.02	4472402.8
1392	443185.19	4472861.2	1442	443485.38	4472669	1492	443511.26	4472397.1
1393	443188.1	4472856.2	1443	443492.15	4472669.3	1493	443513.54	4472392
1394	443192.89	4472853.7	1444	443497	4472670.8	1494	443514.25	4472385.7
1395	443196.56	4472852.3	1445	443501.45	4472670.4	1495	443515.3	4472376.8
1396	443205.09	4472846.9	1446	443507	4472666.7	1496	443518.23	4472370.8
1397	443209.36	4472844	1447	443505.14	4472662.2	1497	443522.08	4472367.4
1398	443212.86	4472839	1448	443502.22	4472658.2	1498	443525.6	4472365.2
1399	443219.9	4472824.3	1449	443502.52	4472650.8	1499	443526.6	4472360.8
1400	443228.74	4472814.8	1450	443506.58	4472647.4	1500	443526.98	4472354.7
1501	443524.83	4472349	1551	443703.73	4472212.9	1601	443849.98	4472024.8
1502	443523.93	4472343.6	1552	443710.41	4472212.1	1602	443842.06	4472023.5
1503	443524.94	4472338.8	1553	443711.74	4472207	1603	443844.97	4472018.7
1504	443524.03	4472334.7	1554	443711.18	4472200.3	1604	443852.59	4472018.5
1505	443519.3	4472331.8	1555	443707.75	4472194.9	1605	443857.41	4472013.8
1506	443517.44	4472328.3	1556	443703.7	4472188.2	1606	443859.41	4472004.9
1507	443520.66	4472324.5	1557	443699.01	4472181.1	1607	443866.47	4471998.7
1508	443527.67	4472322	1558	443691.78	4472175	1608	443871.31	4471992.4
1509	443538.16	4472320.9	1559	443688.03	4472169.3	1609	443875.23	4471982.6
1510	443548.67	4472318.4	1560	443682.03	4472166.7	1610	443881.14	4471965.8
1511	443555.06	4472315.7	1561	443673.48	4472163.7	1611	443886.88	4471954.3
1512	443559.24	4472310.9	1562	443665.3	4472157.6	1612	443888.22	4471947.9
1513	443562.14	4472306.8	1563	443660.62	4472149.9	1613	443889.28	4471938.4
1514	443567.2	4472308.5	1564	443660.06	4472143.2	1614	443890.32	4471930.8
1515	443570.96	4472313.3	1565	443662.34	4472138.2	1615	443891.35	4471923.8
1516	443573.45	4472317.8	1566	443667.47	4472133.5	1616	443893.34	4471916.9
1517	443579.76	4472322	1567	443675.11	4472132	1617	443896.86	4471914.1
1518	443586.69	4472326.2	1568	443682.45	4472128.9	1618	443904.17	4471913.8
1519	443593.02	4472328.2	1569	443687.27	4472124.5	1619	443908.95	4471912
1520	443598.11	4472327.6	1570	443692.44	4472116.3	1620	443912.2	4471905.7
1521	443601.97	4472323.5	1571	443693.45	4472110.9	1621	443917.34	4471900.6
1522	443608.34	4472322	1572	443698.5	4472108.2	1622	443927.93	4471890.6



1523	443614.69	4472322	1573	443699.52	4472102.2	1623	443939.48	4471880.9
1524	443620.71	4472322.8	1574	443696.77	4472093.3	1624	443952.91	4471872.1
1525	443624.87	4472320.6	1575	443699.41	4472084.1	1625	443959.99	4471864.6
1526	443627.77	4472316.5	1576	443708.67	4472080.1	1626	443961	4471858.9
1527	443633.54	4472311.8	1577	443713.79	4472076	1627	443969.32	4471853.3
1528	443638.67	4472308	1578	443719.83	4472076.1	1628	443973.86	4471845.1
1529	443644.71	4472307.1	1579	443724.91	4472076.1	1629	443979.39	4471833.4
1530	443652.32	4472308.5	1580	443731.26	4472076.2	1630	443987.45	4471826
1531	443666.87	4472313.4	1581	443739.54	4472074.1	1631	443991.99	4471819.7
1532	443671.6	4472316.3	1582	443746.86	4472072.6	1632	444006.02	4471797.9
1533	443677.03	4472313.2	1583	443753.83	4472073.9	1633	444021.08	4471783.9
1534	443680.55	4472311.7	1584	443765.44	4472086.1	1634	444024.81	4471783.2
1535	443677.13	4472305	1585	443772.06	4472091.3	1635	444028.98	4471777.7
1536	443672.09	4472301.4	1586	443778.44	4472088.8	1636	444038.33	4471774.1
1537	443667.74	4472292.8	1587	443790.63	4472077.5	1637	444044.68	4471773
1538	443665.63	4472282.3	1588	443790.04	4472073.4	1638	444051.09	4471765.6
1539	443663.82	4472274.3	1589	443788.19	4472068.3	1639	444061.27	4471755.7
1540	443659.44	4472268.6	1590	443791.72	4472065.5	1640	444074.43	4471740
1541	443656.01	4472262.8	1591	443798.4	4472064.9	1641	444083.8	4471725.8
1542	443652.29	4472254.5	1592	443803.82	4472063.1	1642	444088.97	4471718.3
1543	443651.41	4472248.2	1593	443802.6	4472058.3	1643	444093.49	4471712
1544	443652.75	4472241.8	1594	443804.88	4472053.5	1644	444100.84	4471707.6
1545	443656.31	4472235.8	1595	443811.57	4472051.1	1645	444109.42	4471707.4
1546	443663.36	4472230.5	1596	443821.43	4472049.6	1646	444116.74	4471706.2
1547	443672.33	4472223.6	1597	443831	4472046.2	1647	444124.49	4471694.9
1548	443680.49	4472217.8	1598	443836.76	4472042.8	1648	444125.24	4471684.4
1549	443688.77	4472216	1599	443842.53	4472037.5	1649	444120.55	4471678
1550	443697.03	4472215.7	1600	443845.46	4472031.1	1650	444118.73	4471670.7
1651	444123.62	4471659.3	1701	444119.03	4471445.4	1751	444283.42	4471128.1
1652	444128.14	4471652.7	1702	444120.67	4471432	1752	444285.84	4471120.1
1653	444130.12	4471646	1703	444133.83	4471421	1753	444292.7	4471112.8
1654	444134.4	4471632.7	1704	444145.87	4471410.7	1754	444299.52	4471108.8
1655	444139.09	4471625.3	1705	444156.01	4471403.3	1755	444309.22	4471112.5
1656	444140.72	4471613	1706	444170.58	4471399.8	1756	444315.09	4471117.7
1657	444140.1	4471601.8	1707	444187.13	4471386.2	1757	444319.92	4471120.7
1658	444137.96	4471594	1708	444201.87	4471367.3	1758	444324.72	4471126.9
1659	444135.05	4471587.6	1709	444214.71	4471352.2	1759	444326.56	4471133.3
1660	444130.27	4471582	1710	444223.37	4471344.9	1760	444331.16	4471138.2
1661	444128.86	4471574.9	1711	444226.02	4471335.4	1761	444338.29	4471143.8
1662	444129.7	4471566.7	1712	444231.26	4471320.8	1762	444341.23	4471145.9
1663	444136.88	4471557.8	1713	444238.36	4471310.7	1763	444346.14	4471142.6
1664	444141.8	4471550.8	1714	444241.61	4471304.4	1764	444353.62	4471136.5
1665	444144.11	4471543.8	1715	444235.38	4471294.2	1765	444358.95	4471133.4
1666	444149.39	4471538.6	1716	444237.39	4471284.7	1766	444364.91	4471130.1
1667	444155.01	4471535.3	1717	444247.04	4471273.4	1767	444366.66	4471125.7
1668	444154.7	4471530.1	1718	444256.63	4471267.8	1768	444368.38	4471122.9
1669	444141.97	4471535.9	1719	444266.93	4471255.8	1769	444372.86	4471120
1670	444133.78	4471535.4	1720	444272.09	4471248.8	1770	444379.79	4471114.5
1671	444124.82	4471536.5	1721	444276.58	4471245.1	1771	444385.89	4471112.9
1672	444111.71	4471543	1722	444281.73	4471239.1	1772	444391.21	4471111.2
1673	444099.8	4471541.8	1723	444281.81	4471232.4	1773	444392.32	4471106.7
1674	444092.69	4471544.3	1724	444283.14	4471226.4	1774	444387.32	4471103.7
1675	444085.16	4471551.7	1725	444280.35	4471221	1775	444389.21	4471100.8
1676	444077.01	4471547.1	1726	444285.78	4471217.9	1776	444394.51	4471099.5
1677	444075.68	4471533.3	1727	444290.56	4471216.6	1777	444398.25	4471097.2



1678	444084.71	4471515	1728	444294.44	4471210.6	1778	444401.7	4471095.7
1679	444092.74	4471496.1	1729	444300.15	4471202.8	1779	444406.75	4471093.9
1680	444100.65	4471488.8	1730	444302.3	4471200.3	1780	444413.67	4471090.5
1681	444109.3	4471481.4	1731	444305.9	4471200.4	1781	444418.2	4471087.6
1682	444118.3	4471476.3	1732	444309.3	4471198.7	1782	444420.12	4471082.1
1683	444125.79	4471473	1733	444309.37	4471192.6	1783	444424.15	4471076.3
1684	444133.95	4471476.1	1734	444311.57	4471185.2	1784	444426.31	4471072.9
1685	444144.78	4471474.4	1735	444312.91	4471179.5	1785	444431.1	4471070.6
1686	444152.31	4471467	1736	444311.28	4471173.5	1786	444434.75	4471075.1
1687	444161.32	4471461.5	1737	444305.78	4471173	1787	444438.75	4471072.8
1688	444175.57	4471452.7	1738	444300.65	4471177.2	1788	444438.56	4471066.4
1689	444192.12	4471439.5	1739	444296.6	4471179.7	1789	444438.87	4471061.9
1690	444199.7	4471428	1740	444294.05	4471181	1790	444435.5	4471056.1
1691	444205.8	4471415.8	1741	444292	4471175	1791	444436.9	4471048.7
1692	444204.78	4471406.9	1742	444292.9	4471170.1	1792	444439.11	4471041
1693	444194.65	4471413.5	1743	444287.66	4471165.2	1793	444440	4471032.3
1694	444185.24	4471421.5	1744	444285.18	4471160.1	1794	444440.88	4471024.9
1695	444173.58	4471431.1	1745	444280.79	4471154.8	1795	444444.61	4471022.6
1696	444162.67	4471440.7	1746	444278.94	4471150.3	1796	444449.17	4471017.6
1697	444156.66	4471444.7	1747	444282.79	4471146.5	1797	444453.37	4471011.2
1698	444147.41	4471439.7	1748	444284.32	4471142.5	1798	444457.93	4471000.8
1699	444139.11	4471448.2	1749	444285.84	4471139.2	1799	444459.59	4470994.5
1700	444127.92	4471450	1750	444283.35	4471134.3	1800	444460.28	4470989.7
1801	444466.47	4470975.8	1851	444644.4	4470709.7	1901	444775.18	4470278.6
1802	444471.01	4470967.6	1852	444649.7	4470702.7	1902	444776.39	4470270
1803	444476.46	4470962.9	1853	444653.15	4470694.2	1903	444769.76	4470263.6
1804	444480.94	4470960.4	1854	444653.98	4470686.4	1904	444763.12	4470257.9
1805	444484.49	4470955.4	1855	444654.44	4470678.9	1905	444760.6	4470249.7
1806	444487.72	4470950.3	1856	444658.62	4470671.9	1906	444759.97	4470240
1807	444492.81	4470950.1	1857	444663.57	4470662.3	1907	444760.81	4470231.5
1808	444496	4470948.8	1858	444667.39	4470654.1	1908	444767.21	4470225.6
1809	444496.69	4470943.5	1859	444670.05	4470648.9	1909	444775.47	4470220.1
1810	444500.21	4470941	1860	444666.8	4470639.9	1910	444783.72	4470215
1811	444504.4	4470935.9	1861	444660.95	4470630.6	1911	444787.88	4470209.8
1812	444508.24	4470933.4	1862	444650.97	4470623	1912	444791.31	4470202.7
1813	444513.32	4470933.5	1863	444648.1	4470613.3	1913	444795.87	4470194.6
1814	444518.07	4470934.8	1864	444653.13	4470596.6	1914	444801.14	4470189.8
1815	444524.1	4470935.2	1865	444658.83	4470581.9	1915	444806.03	4470185.8
1816	444531.42	4470933.7	1866	444663.95	4470550.2	1916	444808.7	4470171.8
1817	444536.18	4470933.7	1867	444665.14	4470538.6	1917	444808.4	4470165.1
1818	444539.73	4470929.3	1868	444668.98	4470527	1918	444809.25	4470155.8
1819	444544.49	4470929.1	1869	444674.34	4470520.7	1919	444815.29	4470149.2
1820	444550.23	4470927.5	1870	444674.96	4470512.7	1920	444820.94	4470143.7
1821	444555.98	4470924.4	1871	444680.33	4470505.9	1921	444824.39	4470135.1
1822	444559.21	4470919.4	1872	444686.72	4470502.8	1922	444827.49	4470124.4
1823	444566.91	4470912.8	1873	444693.67	4470496	1923	444830.56	4470116.2
1824	444570.46	4470907.1	1874	444702.73	4470490.8	1924	444835.11	4470109.2
1825	444576.59	4470898.9	1875	444710.67	4470490.9	1925	444840.77	4470103.3
1826	444582.66	4470896.2	1876	444719.17	4470488.4	1926	444843.49	4470093.2
1827	444592.57	4470890.2	1877	444734.6	4470480.6	1927	444843.6	4470083.9
1828	444599.52	4470885.3	1878	444745.26	4470474.4	1928	444847.06	4470074.3
1829	444604.03	4470881.3	1879	444753.33	4470462.8	1929	444850.94	4470060.2
1830	444611.52	4470878	1880	444770.43	4470448.2	1930	444851.85	4470046
1831	444614.95	4470871.3	1881	444783.76	4470440.4	1931	444854.98	4470033
1832	444620.96	4470867.3	1882	444795.02	4470426.8	1932	444861.43	4470022.3



1833	444626.22	4470863.3	1883	444807.82	4470418.4	1933	444870.77	4470005.7
1834	444628.15	4470857	1884	444821.15	4470410.1	1934	444876.98	4469981.2
1835	444631.55	4470852.9	1885	444825.02	4470395.9	1935	444884.8	4469963.9
1836	444637.55	4470850	1886	444827.25	4470385.8	1936	444892.23	4469942.8
1837	444644.3	4470846	1887	444824.84	4470367.4	1937	444893.61	4469933.1
1838	444649.17	4470843.8	1888	444824.22	4470356.6	1938	444888.19	4469925.8
1839	444654.03	4470841.6	1889	444824.7	4470346.9	1939	444886.59	4469917.4
1840	444657.1	4470833.8	1890	444830.78	4470336.6	1940	444885.42	4469908.9
1841	444657.16	4470828.6	1891	444837.19	4470329.9	1941	444887.63	4469900.8
1842	444652.74	4470824.1	1892	444838.4	4470321.8	1942	444897.8	4469900.1
1843	444650.16	4470821.4	1893	444837.39	4470312.1	1943	444903.72	4469901
1844	444653.98	4470813.7	1894	444828.54	4470303.8	1944	444909.12	4469909.6
1845	444655.28	4470797.3	1895	444818.52	4470301	1945	444917.19	4469908
1846	444652.27	4470767.1	1896	444802.84	4470303.5	1946	444916.45	4469898.2
1847	444644.71	4470743.5	1897	444793.15	4470304.1	1947	444914.91	4469885.1
1848	444638.18	4470732.8	1898	444784.97	4470302.1	1948	444911.63	4469874.9
1849	444636.76	4470726.4	1899	444777.96	4470296.5	1949	444906.23	4469865.9
1850	444637.63	4470715.6	1900	444775.08	4470287.5	1950	444905.09	4469854.5
1951	444906.47	4469844.7	2001	445054.94	4469604.5	2051	445198.83	4469338.8
1952	444909.92	4469839.3	2002	445060.59	4469599.4	2052	445206.12	4469330.4
1953	444913.4	4469830.8	2003	445069.59	4469593.5	2053	445211.29	4469323.3
1954	444919.84	4469823.3	2004	445074.85	4469589.9	2054	445218.1	4469319.6
1955	444927.14	4469814.1	2005	445079.36	4469586.2	2055	445225.73	4469318.8
1956	444931.9	4469804.8	2006	445087.58	4469584.4	2056	445235.51	4469315.5
1957	444937.9	4469798.9	2007	445089.55	4469575.1	2057	445237.29	4469307.9
1958	444945.55	4469796.1	2008	445087.78	4469566.5	2058	445232.32	4469298.1
1959	444948.13	4469792.7	2009	445082.63	4469561.3	2059	445226.03	4469292.5
1960	444948.65	4469784.7	2010	445083.44	4469554.9	2060	445224.83	4469286.6
1961	444952.92	4469781.3	2011	445089.11	4469547.9	2061	445224.04	4469281.5
1962	444958.38	4469785.2	2012	445095.46	4469546.9	2062	445220.78	4469270
1963	444962.66	4469781.4	2013	445099.98	4469542.1	2063	445222.97	4469263.3
1964	444973.29	4469776.9	2014	445100.05	4469535.7	2064	445236.21	4469253.7
1965	444987.35	4469769.9	2015	445096.41	4469528.6	2065	445245.6	4469247
1966	444995	4469768.1	2016	445096.12	4469521.5	2066	445250.74	4469241.6
1967	445001.41	4469761.5	2017	445100.29	4469514.9	2067	445257.01	4469218.8
1968	445008.94	4469753.8	2018	445102.58	4469510.4	2068	445261.34	4469210.8
1969	445016.09	4469748.2	2019	445100.8	4469503	2069	445261.41	4469204.9
1970	445016.5	4469744.5	2020	445097.14	4469497	2070	445261.11	4469193.4
1971	445010.91	4469744.8	2021	445096.89	4469486.2	2071	445262.05	4469185.4
1972	445012.44	4469741.5	2022	445093.58	4469482	2072	445265.55	4469175.7
1973	445019.93	4469737.9	2023	445093.27	4469476.4	2073	445267.34	4469167.2
1974	445022.91	4469737.5	2024	445097.8	4469471.6	2074	445269.52	4469161.3
1975	445024.86	4469730.1	2025	445101.6	4469464.6	2075	445270	4469156.3
1976	445026.8	4469723.4	2026	445107.24	4469462.3	2076	445277.23	4469153.4
1977	445028.71	4469719	2027	445114.04	4469459.8	2077	445284.03	4469150.9
1978	445031.37	4469714.1	2028	445115.37	4469454.7	2078	445290	4469147.6
1979	445036.97	4469713.8	2029	445117.56	4469448.8	2079	445291.74	4469143.8
1980	445041.08	4469712.8	2030	445119.73	4469443.4	2080	445293.48	4469139.2
1981	445042.26	4469707.2	2031	445124.03	4469437.9	2081	445297.76	4469135
1982	445038.95	4469703.4	2032	445128.3	4469435	2082	445304.62	4469128.3
1983	445033.78	4469698.9	2033	445135.1	4469432.9	2083	445307.21	4469123.7
1984	445030.12	4469693.3	2034	445140.63	4469430.5	2084	445306.88	4469115.6
1985	445029.04	4469689.5	2035	445147.43	4469428	2085	445306.55	4469107.1
1986	445032.44	4469685.8	2036	445156.39	4469422.6	2086	445306.62	4469100.8
1987	445040.3	4469682.9	2037	445164.48	4469418.5	2087	445310.08	4469094.5



1988	445044.07	4469678.9	2038	445164.53	4469414.2	2088	445316.87	4469092.9
1989	445049.69	4469676	2039	445160.8	4469406.6	2089	445319.9	4469087
1990	445051.61	4469671.2	2040	445161.76	4469396.8	2090	445324.64	4469080.2
1991	445050.56	4469665.2	2041	445161.4	4469391.3	2091	445331.02	4469077.8
1992	445050.63	4469658.8	2042	445163.16	4469385.4	2092	445334.87	4469074
1993	445049.58	4469652.5	2043	445170.81	4469383	2093	445336.64	4469067.7
1994	445045.92	4469646.5	2044	445178.06	4469378	2094	445338.4	4469061.3
1995	445044.12	4469641.3	2045	445183.2	4469372.9	2095	445341.42	4469056.7
1996	445044.93	4469635.7	2046	445180.28	4469369.1	2096	445347.77	4469056.8
1997	445048.33	4469631.2	2047	445176.1	4469364.4	2097	445351.18	4469054.7
1998	445050.27	4469624.9	2048	445182.94	4469358.5	2098	445356.76	4469048
1999	445051.08	4469619	2049	445189.34	4469354	2099	445361.05	4469043.4
2000	445053.76	4469610.5	2050	445192.79	4469348.5	2100	445367.83	4469043
2101	445375.03	4469042.7	2151	445593.11	4468745.7	2201	445936.62	4468721.4
2102	445383.12	4469038.1	2152	445601.08	4468743.2	2202	445933.83	4468687.2
2103	445390.23	4469036.3	2153	445605.89	4468739.5	2203	445923.28	4468684.2
2104	445397.34	4469033.8	2154	445605.43	4468732.6	2204	445916.46	4468678.3
2105	445398.12	4469030.8	2155	445611.86	4468725.8	2205	445913.1	4468671.9
2106	445394.78	4469029.3	2156	445620.38	4468721.7	2206	445909.81	4468658.4
2107	445387.71	4469028.9	2157	445626.24	4468718	2207	445906.93	4468641.8
2108	445386.63	4469025.9	2158	445634.21	4468716	2208	445906.03	4468627.2
2109	445389.65	4469021.8	2159	445640.05	4468714	2209	445904.58	4468615.3
2110	445398.61	4469020	2160	445645.93	4468708.7	2210	445905.7	4468610.3
2111	445402.74	4469017.5	2161	445650.75	4468704	2211	445908.12	4468606.3
2112	445407.63	4469013.4	2162	445655.55	4468700.4	2212	445910.32	4468599.2
2113	445413.64	4469009	2163	445661.38	4468700.4	2213	445910.14	4468591.2
2114	445421.93	4469000.6	2164	445664.07	4468696.2	2214	445907.29	4468586.2
2115	445429.44	4468995.8	2165	445661.52	4468687.7	2215	445900.99	4468581.4
2116	445433.6	4468990.3	2166	445665.31	4468680.4	2216	445898.56	4468573.6
2117	445437.73	4468987.3	2167	445670.62	4468678.3	2217	445898.33	4468565.9
2118	445442.96	4468986.3	2168	445681.25	4468674.7	2218	445896.84	4468557.4
2119	445446.35	4468982.6	2169	445691.85	4468673.8	2219	445893.41	4468551.3
2120	445448.66	4468976.3	2170	445698.2	4468673.9	2220	445886.78	4468548
2121	445451.31	4468972.2	2171	445707.21	4468672.4	2221	445879.81	4468546.7
2122	445456.59	4468966.7	2172	445722.58	4468671	2222	445873.16	4468545
2123	445463.71	4468963.4	2173	445731.59	4468669.5	2223	445869.41	4468539.3
2124	445472	4468954.9	2174	445741.66	4468669.1	2224	445863.76	4468533.5
2125	445478.41	4468948.7	2175	445752.25	4468668.6	2225	445853.61	4468532.4
2126	445482.99	4468938.7	2176	445758.62	4468666.6	2226	445841.9	4468529.1
2127	445490.54	4468930.2	2177	445769.23	4468664.6	2227	445831.1	4468529.3
2128	445495.87	4468919.8	2178	445776.64	4468664.7	2228	445820.27	4468531.7
2129	445500.85	4468907.9	2179	445786.69	4468664.8	2229	445810.74	4468532.2
2130	445504.69	4468897.5	2180	445798.86	4468666	2230	445807.3	4468527.8
2131	445513.42	4468883.5	2181	445815.19	4468672.5	2231	445812.83	4468516.1
2132	445522.26	4468871.1	2182	445826.25	4468677.4	2232	445826.56	4468509.2
2133	445529.05	4468863.7	2183	445834.66	4468682.8	2233	445830.77	4468502
2134	445533.22	4468857	2184	445834.58	4468689.7	2234	445837.5	4468496.3
2135	445537.39	4468850.7	2185	445836.55	4468702.4	2235	445843.63	4468488.5
2136	445540.48	4468841.5	2186	445850.14	4468717.9	2236	445853.3	4468475.9
2137	445545.03	4468834.1	2187	445865.3	4468735	2237	445864.51	4468467.7
2138	445548.83	4468827.4	2188	445874.76	4468741	2238	445869.68	4468459.2
2139	445553.4	4468818.9	2189	445883.17	4468746.3	2239	445876.48	4468447.9
2140	445556.09	4468811.8	2190	445887.84	4468752.3	2240	445890.32	4468431.5
2141	445556.52	4468806.3	2191	445892.55	4468756.6	2241	445900.01	4468417
2142	445559.57	4468800.3	2192	445895.25	4468752.4	2242	445912.64	4468395.9



2143	445561.11	4468796.2	2193	445896.63	4468746.9	2243	445930.76	4468373.7
2144	445563.04	4468790.3	2194	445901.13	4468746.9	2244	445945.81	4468353.6
2145	445566.08	4468784.4	2195	445908.31	4468743.8	2245	445951.44	4468342.6
2146	445568.73	4468780.7	2196	445912.59	4468740.4	2246	445961.32	4468330
2147	445570.28	4468775.5	2197	445915.02	4468735.7	2247	445972.5	4468314.9
2148	445571.84	4468769.5	2198	445921.96	4468730.7	2248	445990.6	4468287.2
2149	445578.13	4468759.8	2199	445930.45	4468729	2249	446013.05	4468248.9
2150	445585.66	4468749.3	2200	445936.29	4468726.9	2250	446025.93	4468233.4
2251	446034.93	4468224.1	2301	446274.65	4468013.6	2351	446319.43	4467765.9
2252	446042.2	4468217.9	2302	446278.18	4468010.5	2352	446318.64	4467760.8
2253	446051.19	4468216	2303	446281.73	4468004.8	2353	446321.27	4467753.2
2254	446057.15	4468216.8	2304	446284.69	4467996.3	2354	446325.57	4467747.8
2255	446061.23	4468217.6	2305	446289.88	4467986.8	2355	446328.12	4467747
2256	446067.57	4468217.7	2306	446293.46	4467978.6	2356	446331.5	4467747.4
2257	446073.56	4468215.1	2307	446297.41	4467971.2	2357	446337.01	4467746.6
2258	446078.8	4468213	2308	446300.03	4467964.6	2358	446340.01	4467744.1
2259	446083.7	4468208.2	2309	446304.87	4467957.6	2359	446340.49	4467739.1
2260	446084.53	4468200	2310	446306.21	4467951	2360	446337.63	4467729.3
2261	446086.45	4468194.8	2311	446305.63	4467946.5	2361	446335.15	4467724.2
2262	446093.59	4468189.7	2312	446301.53	4467943.6	2362	446331.82	4467719.5
2263	446097.71	4468187.8	2313	446296.49	4467940.1	2363	446333.56	4467715.3
2264	446103.99	4468184.9	2314	446293.69	4467935.3	2364	446331.51	4467708.9
2265	446110.09	4468183.4	2315	446290.89	4467929.5	2365	446334.11	4467703.4
2266	446111.45	4468180.8	2316	446289.39	4467922.2	2366	446334.6	4467697.5
2267	446113.35	4468175.8	2317	446289.77	4467916.8	2367	446337.21	4467692
2268	446116.57	4468172.1	2318	446297.47	4467909.3	2368	446337.28	4467685.7
2269	446118.74	4468167.9	2319	446301.62	4467907.7	2369	446339.44	4467681.5
2270	446122.75	4468163.7	2320	446306.77	4467902.1	2370	446340.77	4467676.8
2271	446126.76	4468160.6	2321	446311.26	4467897.7	2371	446341.7	4467669.2
2272	446133.96	4468155.4	2322	446311.65	4467891.7	2372	446345.15	4467663.7
2273	446137.19	4468150.6	2323	446308.5	4467888.8	2373	446349.06	4467654.9
2274	446141.48	4468146.2	2324	446300.59	4467886.1	2374	446350.85	4467646
2275	446145.73	4468144.9	2325	446293.64	4467883.5	2375	446353.93	4467636.3
2276	446152.96	4468137.6	2326	446290.81	4467880.6	2376	446357.45	4467614.6
2277	446162.58	4468129.2	2327	446290.56	4467875.2	2377	446361.31	4467600.9
2278	446170.34	4468121.3	2328	446292.82	4467871.8	2378	446360.88	4467592.9
2279	446174.2	4468117.2	2329	446298.55	4467870.5	2379	446359.38	4467584.5
2280	446180.3	4468111.2	2330	446302.98	4467871.9	2380	446363.7	4467577.1
2281	446185.18	4468101.1	2331	446308.98	4467874.5	2381	446364.34	4467567
2282	446196.06	4468093.6	2332	446314.05	4467875.5	2382	446367.11	4467556.5
2283	446199.27	4468091.1	2333	446318.5	4467875.9	2383	446367.21	4467547.5
2284	446203.41	4468089.6	2334	446320.45	4467871.4	2384	446362.02	4467538.4
2285	446209.48	4468086.1	2335	446317.66	4467865	2385	446359.43	4467533.6
2286	446215.28	4468079.5	2336	446311.69	4467851.8	2386	446356.35	4467524.6
2287	446216.93	4468073.8	2337	446307.52	4467846.2	2387	446357.47	4467519.3
2288	446224.3	4468068.2	2338	446300.79	4467841.9	2388	446361.23	4467514.6
2289	446234.95	4468053.1	2339	446297.88	4467836.8	2389	446369.21	4467511.5
2290	446239.72	4468052.2	2340	446297.51	4467832.6	2390	446378.25	4467507.4
2291	446241.68	4468047.8	2341	446303.06	4467828.8	2391	446390.48	4467502.8
2292	446247.46	4468041.8	2342	446307.34	4467824.6	2392	446397.45	4467494.9
2293	446253.85	4468038.7	2343	446309.54	4467817.5	2393	446404.96	4467486
2294	446260.46	4468032.8	2344	446309.6	4467812	2394	446412.44	4467479.7
2295	446264.3	4468029.7	2345	446312.62	4467806.9	2395	446418.33	4467474
2296	446264.66	4468026.5	2346	446316.03	4467804.8	2396	446432.25	4467463.3
2297	446262.77	4468024.9	2347	446317.8	4467798.5	2397	446444.64	4467454.8



2298	446262.78	4468023.6	2348	446318.28	4467793	2398	446449.51	4467451.9
2299	446266.64	4468019.2	2349	446319.24	4467782.9	2399	446453.71	4467443
2300	446269.86	4468015.5	2350	446318.94	4467771.8	2400	446453.79	4467435.9
2401	446447.47	4467435.1	2451	446423.63	4467139.3	2501	446510.32	4466805.8
2402	446441.46	4467438.8	2452	446432.22	4467137.5	2502	446507.31	4466791.5
2403	446437.39	4467436.9	2453	446440.07	4467134.6	2503	446511.2	4466774.6
2404	446442.7	4467428.3	2454	446444.23	4467129.1	2504	446507.6	4466765.1
2405	446446.5	4467421.3	2455	446442.81	4467123.5	2505	446491.28	4466757.5
2406	446448.86	4467410.9	2456	446435.75	4467121.2	2506	446483.41	4466751.6
2407	446451.57	4467401.6	2457	446428.68	4467121.1	2507	446477.22	4466737.2
2408	446458.41	4467389.8	2458	446423.09	4467121	2508	446475.89	4466713.9
2409	446466	4467377.2	2459	446418.62	4467120.6	2509	446484.45	4466706
2410	446473.57	4467366.8	2460	446412.3	4467119.4	2510	446496.61	4466707.8
2411	446485.28	4467357.8	2461	446405.98	4467118.6	2511	446507.1	4466716.4
2412	446488.81	4467345.2	2462	446399.27	4467118.5	2512	446511.37	4466712.7
2413	446489.36	4467334.6	2463	446393	4467112.9	2513	446517.28	4466705.4
2414	446487.32	4467327.4	2464	446396.05	4467106.6	2514	446525.74	4466705.5
2415	446479.7	4467327.3	2465	446400.6	4467100.3	2515	446532.65	4466702.9
2416	446470.34	4467331.4	2466	446399.16	4467095.8	2516	446533.25	4466697.1
2417	446462.22	4467337.7	2467	446388.76	4467092.7	2517	446525.38	4466691.2
2418	446455.4	4467341.8	2468	446381.7	4467090.7	2518	446531.78	4466687
2419	446447.35	4467342.2	2469	446377.68	4467083.6	2519	446543.94	4466688.2
2420	446441.05	4467337.4	2470	446369.74	4467067.4	2520	446559.8	4466689.4
2421	446436.51	4467327.2	2471	446362.09	4467041.9	2521	446587.3	4466691.9
2422	446431.98	4467315.7	2472	446353.26	4467027.5	2522	446600.54	4466690.9
2423	446428.25	4467308.5	2473	446341.29	4467009.4	2523	446596.96	4466679.8
2424	446422.39	4467302.9	2474	446336.86	4466979.7	2524	446588.61	4466669.6
2425	446414.8	4467299.9	2475	446343.46	4466958	2525	446589.34	4466651.7
2426	446403.38	4467298.9	2476	446357.95	4466939.7	2526	446594.8	4466636.9
2427	446396.19	4467298.4	2477	446365.56	4466922.3	2527	446591.27	4466621.5
2428	446385.18	4467297.8	2478	446368.33	4466911.7	2528	446584.53	4466609.3
2429	446377.2	4467291.8	2479	446375.36	4466898.6	2529	446574.58	4466599.6
2430	446367.07	4467289.6	2480	446387.08	4466891.3	2530	446561.51	4466584.6
2431	446351.02	4467286	2481	446397.69	4466889.8	2531	446548.34	4466579.7
2432	446339.2	4467282.1	2482	446407.74	4466890	2532	446535.15	4466575.9
2433	446332.49	4467276.5	2483	446418.36	4466887.4	2533	446522.47	4466573.6
2434	446330.45	4467270.1	2484	446422.07	4466886.4	2534	446514.6	4466567.7
2435	446333.55	4467257.9	2485	446429.52	4466882.8	2535	446506.77	4466551.8
2436	446336.2	4467248.2	2486	446436.39	4466883.9	2536	446487.42	4466521.1
2437	446337.24	4467230.8	2487	446440.6	4466886.1	2537	446471.86	4466493.6
2438	446335.6	4467223.5	2488	446446.97	4466885.1	2538	446461.41	4466462.4
2439	446339.54	4467195	2489	446453.35	4466882	2539	446464.82	4466442.1
2440	446338.92	4467183.8	2490	446459.73	4466879.4	2540	446466.18	4466433.8
2441	446344.95	4467177.5	2491	446465.6	4466875.3	2541	446464.19	4466404.9
2442	446352.48	4467170.9	2492	446468.83	4466871.1	2542	446468.82	4466369.5
2443	446358.46	4467169.1	2493	446476.25	4466869.6	2543	446464.82	4466348.8
2444	446367.48	4467162.5	2494	446484.22	4466867.5	2544	446471.4	4466329.3
2445	446372.32	4467162.5	2495	446486.48	4466854.9	2545	446494.67	4466330.6
2446	446381.32	4467157.4	2496	446480.18	4466850	2546	446527.42	4466336.3
2447	446387.69	4467154.5	2497	446479.78	4466838.9	2547	446546.38	4466345
2448	446396.72	4467146.4	2498	446487.82	4466829.5	2548	446568.55	4466350.5
2449	446406.08	4467142.8	2499	446501.09	4466825.9	2549	446584.45	4466348.6
2450	446415.41	4467141.4	2500	446513.92	4466814.9	2550	446591.44	4466339.2
2551	446597.37	4466329.7	2601	446802.41	4465895	2651	446738.71	4465371.1
2552	446602.77	4466319.7	2602	446812	4465870.5	2652	446741.39	4465358.4



2553	446610.41	4466299.7	2603	446813.94	4465848.5	2653	446737.23	4465352.1
2554	446617.52	4466279.6	2604	446818.41	4465827.4	2654	446730.93	4465347.3
2555	446625.06	4466267.5	2605	446827.16	4465803	2655	446725.14	4465335
2556	446634.11	4466262.9	2606	446830.74	4465786.1	2656	446724.86	4465322.7
2557	446633.15	4466254.4	2607	446839.1	4465756.3	2657	446722.44	4465311.7
2558	446628.5	4466244.8	2608	446834.17	4465743.6	2658	446714.89	4465305.2
2559	446622.26	4466234.7	2609	446825.39	4465733.3	2659	446705.66	4465297.5
2560	446616.63	4466217.7	2610	446815.26	4465730.7	2660	446698.99	4465288.7
2561	446618.34	4466207.1	2611	446803.21	4465728.6	2661	446694.82	4465282.3
2562	446618.46	4466196.5	2612	446795.02	4465722.8	2662	446691.97	4465273
2563	446622.79	4466188.1	2613	446792.02	4465707.5	2663	446693.75	4465265.4
2564	446635.04	4466181.4	2614	446784.48	4465699.8	2664	446695.99	4465254
2565	446641.01	4466168.2	2615	446774.95	4465700.4	2665	446699.04	4465246.4
2566	446636.88	4466158.6	2616	446768.52	4465707.3	2666	446703.33	4465241.8
2567	446624.32	4466145.8	2617	446762.67	4465719.3	2667	446715.76	4465227.9
2568	446613.36	4466132.4	2618	446758.86	4465718.6	2668	446726.03	4465219.2
2569	446610.85	4466122.2	2619	446756.4	4465712.2	2669	446741.41	4465207.2
2570	446613.21	4466101.5	2620	446755.95	4465695.1	2670	446763.93	4465192.6
2571	446624.36	4466088.5	2621	446756.13	4465679.2	2671	446784.91	4465182
2572	446637.21	4466075.5	2622	446762.6	4465669.1	2672	446798.77	4465175.5
2573	446653.04	4466061.3	2623	446774.11	4465662.2	2673	446815.25	4465167.5
2574	446659.96	4466048.7	2624	446786.25	4465656	2674	446824.58	4465166.8
2575	446660.96	4466035.1	2625	446795.8	4465654.2	2675	446829.48	4465161.3
2576	446672.07	4466025.9	2626	446802.17	4465652.4	2676	446830.32	4465152.7
2577	446683.93	4466025.6	2627	446811.22	4465638.5	2677	446837.13	4465143.9
2578	446691.52	4466028.7	2628	446811.38	4465623.9	2678	446838.36	4465134.2
2579	446696.65	4466024.5	2629	446808.34	4465612.4	2679	446842.56	4465124.6
2580	446701.05	4466009.8	2630	446800.82	4465602.8	2680	446848.99	4465116.4
2581	446705.76	4466004.7	2631	446792.05	4465592.6	2681	446859.53	4465106.5
2582	446713.52	4465993	2632	446784.55	4465581.7	2682	446867.39	4465103.6
2583	446720	4465981.6	2633	446778.31	4465571.5	2683	446873.02	4465099.6
2584	446721.32	4465977	2634	446779.03	4465563.8	2684	446874.62	4465089.9
2585	446720.54	4465971.4	2635	446784.9	4465550.6	2685	446882.89	4465083.7
2586	446718.93	4465963.8	2636	446786.93	4465525.4	2686	446890.42	4465076.7
2587	446716.93	4465953.2	2637	446788.38	4465509.3	2687	446892.79	4465064.8
2588	446713.66	4465943	2638	446791.47	4465497.9	2688	446899.28	4465050.7
2589	446713.71	4465938.8	2639	446794.56	4465486.9	2689	446908.69	4465042.2
2590	446718.01	4465932.5	2640	446792.58	4465475.1	2690	446916.94	4465037.8
2591	446727.38	4465927.9	2641	446785.06	4465466.1	2691	446923.3	4465035.3
2592	446734.16	4465927.1	2642	446780.1	4465455.4	2692	446927.83	4465030.5
2593	446740.11	4465925.9	2643	446773.85	4465446	2693	446933.13	4465023.1
2594	446749.46	4465922.2	2644	446766.73	4465439.6	2694	446935.45	4465015.7
2595	446762.54	4465900.5	2645	446762.18	4465429.8	2695	446945.21	4465009.1
2596	446769.27	4465904.8	2646	446762.32	4465417.5	2696	446950.85	4465004.3
2597	446768.34	4465911.6	2647	446759.93	4465404.4	2697	446955.77	4464997.7
2598	446766.46	4465928.5	2648	446755.36	4465395.9	2698	446964.42	4464990.7
2599	446774.95	4465926	2649	446749.09	4465389.4	2699	446979.06	4464977.1
2600	446791.22	4465911	2650	446741.56	4465381.3	2700	446996.65	4464966.5
2701	447007.48	4464964.1	2751	447182.4	4464655.9	2801	446627.38	4464699.5
2702	447018.99	4464957.2	2752	447174.53	4464650	2802	446619.46	4464697.3
2703	447033.04	4464949.7	2753	447166.07	4464648.8	2803	446609.47	4464691.9
2704	447045.55	4464938.8	2754	447158.09	4464652.5	2804	446604.3	4464681.3
2705	447051.37	4464929.6	2755	447152.71	4464660.3	2805	446600.26	4464663.8
2706	447051.18	4464918.5	2756	447139.42	4464665.5	2806	446599.36	4464649.5
2707	447047.8	4464908.3	2757	447129.37	4464664.8	2807	446603.25	4464633.1



2708	447040.93	4464898.4	2758	447128.93	4464656.4	2808	446608.78	4464606.9
2709	447032.15	4464888.7	2759	447132.72	4464649.5	2809	446611.05	4464593.4
2710	447025.89	4464880.4	2760	447141.29	4464640.6	2810	446611.62	4464580.3
2711	447021.51	4464874	2761	447143.5	4464631.7	2811	446615.17	4464566.3
2712	447020.97	4464866.1	2762	447144.11	4464624.8	2812	446621.28	4464550.3
2713	447027.09	4464858.5	2763	447138.84	4464623.1	2813	446625.19	4464541
2714	447034.39	4464858.3	2764	447127.19	4464623.5	2814	446627.9	4464526.2
2715	447035.63	4464861.2	2765	447116.04	4464626.1	2815	446632.31	4464511
2716	447042.89	4464865.1	2766	447098.49	4464633.3	2816	446633.27	4464500.9
2717	447051.48	4464863.6	2767	447079.6	4464635.3	2817	446636.73	4464494.6
2718	447053.75	4464859.8	2768	447056.76	4464643	2818	446642.31	4464487.4
2719	447050.3	4464856.2	2769	447040.24	4464652.9	2819	446647.04	4464481.6
2720	447045.24	4464854	2770	447030.06	4464663.9	2820	446646.26	4464475.6
2721	447043.37	4464851.1	2771	447024.17	4464669.6	2821	446642.45	4464474.7
2722	447045.31	4464843.3	2772	447007.14	4464677.4	2822	446638.29	4464468.3
2723	447054.31	4464843.4	2773	446994.44	4464677.2	2823	446638.36	4464462
2724	447060.15	4464841.4	2774	446980.64	4464680.8	2824	446640.57	4464454
2725	447061.29	4464834.5	2775	446969.99	4464686.5	2825	446649.05	4464452.8
2726	447062.95	4464827.6	2776	446954.09	4464687.9	2826	446652.89	4464450.7
2727	447069.89	4464822.4	2777	446945.17	4464681.4	2827	446652.95	4464445.2
2728	447077.34	4464819.3	2778	446947.38	4464673	2828	446646.2	4464443
2729	447081.63	4464814.1	2779	446947.5	4464662.4	2829	446641.16	4464439.6
2730	447080.64	4464807.7	2780	446939.6	4464659.1	2830	446637.41	4464434
2731	447081.77	4464801.9	2781	446928.48	4464659.5	2831	446634.49	4464420.6
2732	447087.18	4464791.9	2782	446916.3	4464659.9	2832	446629.91	4464404.6
2733	447097.29	4464786.8	2783	446899.36	4464660.3	2833	446622.17	4464386.5
2734	447103.2	4464778.9	2784	446890.87	4464662.3	2834	446617.05	4464371.7
2735	447112.33	4464767.3	2785	446886.57	4464668.1	2835	446607.62	4464363.1
2736	447119.88	4464755.2	2786	446871.72	4464670.5	2836	446598.2	4464352.9
2737	447134.77	4464748.5	2787	446856.87	4464673	2837	446590.94	4464339.6
2738	447143.24	4464749.2	2788	446848.37	4464676.1	2838	446589	4464324.2
2739	447154.33	4464751.4	2789	446836.13	4464681.8	2839	446583.85	4464312
2740	447158.57	4464750.4	2790	446828.12	4464687.5	2840	446580.22	4464305.1
2741	447164	4464738.3	2791	446815.85	4464695.8	2841	446574.96	4464302.4
2742	447165.18	4464727.7	2792	446796.8	4464695.6	2842	446567.52	4464304.4
2743	447170.03	4464720.4	2793	446776.71	4464693.8	2843	446559.01	4464308.5
2744	447180.67	4464715.2	2794	446750.8	4464691.4	2844	446547.36	4464308.9
2745	447187.58	4464712.6	2795	446723.81	4464691.1	2845	446538.39	4464306.2
2746	447197.13	4464710.6	2796	446698.35	4464695.6	2846	446528.42	4464298.7
2747	447200.38	4464703.8	2797	446675.55	4464699	2847	446524.33	4464285.4
2748	447199.96	4464694.2	2798	446661.26	4464698.9	2848	446530.3	4464272.8
2749	447196.9	4464684.1	2799	446648.03	4464698.7	2849	446537.26	4464265.4
2750	447191.23	4464670.3	2800	446637.44	4464699.1	2850	446554.26	4464259.8
2851	446562.86	4464248.8	2901	447036.86	4463363.4	2951	447364.36	4462777.1
2852	446565.61	4464239.3	2902	447037.64	4463350.7	2952	447397.42	4462773.7
2853	446564.66	4464230.3	2903	447044.01	4463312.3	2953	447426.68	4462770.2
2854	446561.28	4464220.1	2904	447047.95	4463293.4	2954	447444.62	4462756.5
2855	446559.33	4464204.7	2905	447053.08	4463268.5	2955	447460.04	4462741.4
2856	446560.02	4464190.4	2906	447052.9	4463251.3	2956	447462.78	4462723.6
2857	446567.64	4464172.5	2907	447054.18	4463236.8	2957	447468.09	4462703.4
2858	446571.57	4464152.4	2908	447062.07	4463231	2958	447468.78	4462675.4
2859	446573.35	4464135	2909	447073.28	4463228.5	2959	447469.07	4462650
2860	446573.59	4464114.4	2910	447092.26	4463229.8	2960	447474.37	4462631
2861	446582.31	4464092.2	2911	447103.03	4463232.9	2961	447489.23	4462608.3
2862	446596.53	4464051.1	2912	447111.53	4463239	2962	447508.5	4462589.5



2863	446602.62	4464027.3	2913	447118.28	4463235.7	2963	447520.74	4462574.4
2864	446604.92	4464011.5	2914	447118.34	4463230.1	2964	447526.65	4462557.3
2865	446603.49	4463997.2	2915	447111.7	4463224.1	2965	447530.68	4462537.7
2866	446599.96	4463981.8	2916	447101.69	4463219.5	2966	447541.6	4462527
2867	446594.96	4463956.3	2917	447098.41	4463213.1	2967	447561.42	4462515.8
2868	446594.7	4463945	2918	447106.96	4463214.7	2968	447585.15	4462495.1
2869	446599.94	4463930.7	2919	447115.13	4463217.8	2969	447593.55	4462482.5
2870	446612.02	4463910.5	2920	447127.41	4463218.7	2970	447603.88	4462468
2871	446628.43	4463882.7	2921	447127.85	4463213.1	2971	447614.82	4462454.8
2872	446649.01	4463860.1	2922	447123.42	4463208.9	2972	447623.14	4462449.8
2873	446658.55	4463839.9	2923	447114.13	4463206.6	2973	447632.76	4462441
2874	446664.78	4463813.7	2924	447105.97	4463203.9	2974	447638.01	4462426.4
2875	446681.96	4463791.9	2925	447101.2	4463197.1	2975	447650.83	4462415.8
2876	446703.3	4463776.8	2926	447100.9	4463191.2	2976	447656.68	4462404.4
2877	446727.38	4463744.9	2927	447104.72	4463182.3	2977	447661.9	4462391.8
2878	446751.44	4463713.9	2928	447102.24	4463174	2978	447667.1	4462381
2879	446770.37	4463687.8	2929	447095.51	4463170.6	2979	447671	4462373.5
2880	446785.76	4463674.5	2930	447083.71	4463165.4	2980	447679.36	4462364
2881	446796.92	4463661	2931	447081.26	4463156.9	2981	447694.82	4462345.2
2882	446817.47	4463640.9	2932	447088.97	4463149.3	2982	447715.6	4462324
2883	446844.67	4463621	2933	447105.9	4463150.4	2983	447728	4462304.1
2884	446867.79	4463599.1	2934	447117.74	4463151.3	2984	447739.87	4462283.6
2885	446873.1	4463578.8	2935	447134.7	4463149.8	2985	447753.81	4462267.8
2886	446879.73	4463553.5	2936	447149.2	4463140.7	2986	447769.89	4462250.6
2887	446881.28	4463528.7	2937	447156.19	4463121.3	2987	447784.8	4462242.3
2888	446892.9	4463513	2938	447167.59	4463102.7	2988	447798.03	4462242.4
2889	446910.08	4463510	2939	447179.28	4463079.9	2989	447807.1	4462236.2
2890	446932.31	4463510.2	2940	447192.28	4463053.4	2990	447816.71	4462229.4
2891	446948.86	4463506.6	2941	447192.55	4463029.3	2991	447827.92	4462221
2892	446962.26	4463501	2942	447194.17	4462998.8	2992	447827.49	4462211.5
2893	446975.71	4463491	2943	447208.61	4462957	2993	447821.79	4462201.4
2894	446987.95	4463476.5	2944	447224.43	4462906.4	2994	447837.42	4462176.2
2895	446994.49	4463459.5	2945	447237.36	4462886.2	2995	447851.28	4462167.3
2896	446997.85	4463443	2946	447243.96	4462864.7	2996	447865.15	4462157.9
2897	447010.16	4463422.2	2947	447260.71	4462843.3	2997	447874.28	4462145.9
2898	447019.19	4463409.6	2948	447278.7	4462825.7	2998	447899.88	4462129
2899	447028.86	4463397	2949	447297.96	4462806.9	2999	447932.4	4462108.7
2900	447033.5	4463379.9	2950	447335.01	4462788.3	3000	447950	4462097.2
3001	447961.76	4462086.8	3051	448448.8	4461641.1	3101	448848.84	4461300.5
3002	447966.68	4462073.1	3052	448460.23	4461641.9	3102	448866.02	4461278.5
3003	447974.72	4462064.2	3053	448474.17	4461644.6	3103	448887.39	4461261.2
3004	447988.03	4462056.9	3054	448483	4461650.4	3104	448906.08	4461247.2
3005	447995.49	4462052.2	3055	448488.8	4461642.8	3105	448926.32	4461235.2
3006	448006.08	4462052.4	3056	448498.42	4461634.7	3106	448941.82	4461222.1
3007	448014.54	4462053	3057	448509.91	4461629.7	3107	448955.78	4461204.8
3008	448022.55	4462047.2	3058	448523.95	4461623.6	3108	448964.44	4461188
3009	448024.78	4462037.2	3059	448531.05	4461614.1	3109	448976.18	4461179.1
3010	448032.84	4462026.2	3060	448538.83	4461599.6	3110	448988.36	4461178.7
3011	448044.55	4462020.5	3061	448544.09	4461583.8	3111	449001.52	4461185.2
3012	448051	4462012.1	3062	448554.29	4461580.7	3112	449011.05	4461185.3
3013	448059.57	4462002.7	3063	448561.32	4461577	3113	449013.82	4461174.3
3014	448070.83	4461989.6	3064	448572.8	4461572.7	3114	449010.72	4461167.9
3015	448070.93	4461981.1	3065	448584.91	4461569	3115	449006.02	4461161.5
3016	448059.32	4461977.8	3066	448599.53	4461567.9	3116	448998.17	4461154
3017	448049.86	4461972.2	3067	448611.6	4461568	3117	448995.11	4461143.9



3018	448031.29	4461966.9	3068	448621.21	4461560.5	3118	448998.41	4461132.3
3019	448011.98	4461951.4	3069	448627.04	4461550.4	3119	449003.83	4461121.7
3020	448012.17	4461934.5	3070	448629.75	4461535.2	3120	449010.25	4461115.5
3021	448016.56	4461921	3071	448644.12	4461514.6	3121	449017.78	4461105
3022	448026.04	4461906.7	3072	448652.09	4461511.5	3122	449025.77	4461100.3
3023	448033	4461889.8	3073	448661.08	4461512.1	3123	449026.5	4461079.4
3024	448058.63	4461870.7	3074	448664.35	4461504.2	3124	449037.03	4461047
3025	448074	4461859	3075	448664.47	4461493.6	3125	449045.31	4461026.3
3026	448085.18	4461843.9	3076	448672.98	4461490	3126	449053.51	4461012
3027	448105.68	4461828.8	3077	448681.5	4461485.3	3127	449056.64	4460997.6
3028	448134.6	4461817.3	3078	448680.01	4461476.9	3128	449064.47	4460979.1
3029	448155.79	4461815.9	3079	448684.34	4461467.9	3129	449076.47	4460966.1
3030	448175.29	4461814.4	3080	448697.66	4461460.1	3130	449082.56	4460952.2
3031	448192.28	4461809.5	3081	448705.08	4461459.7	3131	449086.12	4460937
3032	448214.36	4461803.8	3082	448714.67	4461454	3132	449087.98	4460922.2
3033	448230.45	4461804	3083	448723.24	4461445.6	3133	449095.74	4460910
3034	448242.35	4461800.7	3084	448731.78	4461438.8	3134	449104.77	4460897.8
3035	448258.47	4461797.5	3085	448738.69	4461436.2	3135	449117.14	4460889.9
3036	448274.58	4461796	3086	448746.67	4461433.2	3136	449132.45	4460883.7
3037	448285.62	4461793.6	3087	448753.67	4461422.1	3137	449148.21	4460875.5
3038	448305.23	4461782	3088	448759.12	4461408.4	3138	449166.06	4460869.7
3039	448321.02	4461764.2	3089	448764.55	4461395.8	3139	449178.83	4460864.4
3040	448330.08	4461749	3090	448766.81	4461383.6	3140	449177.73	4460852.1
3041	448339.77	4461734.5	3091	448767.48	4461371.5	3141	449186.48	4460827.2
3042	448352.55	4461727.7	3092	448767.61	4461359.8	3142	449193.54	4460802.3
3043	448364.72	4461718.9	3093	448773.54	4461349.8	3143	449198.41	4460782.9
3044	448382.57	4461713.4	3094	448782.05	4461346.7	3144	449204.48	4460770.3
3045	448397.2	4461711	3095	448787.37	4461343.6	3145	449216.01	4460762.3
3046	448405.59	4461699.7	3096	448791.17	4461335.2	3146	449227.44	4460762.5
3047	448412.77	4461682.6	3097	448796.56	4461326.8	3147	449237.6	4460762.2
3048	448418.72	4461661.7	3098	448805.13	4461318.4	3148	449246.43	4460768.2
3049	448424.62	4461645.3	3099	448818.95	4461312.8	3149	449253.07	4460779.7
3050	448434.83	4461641	3100	448833.31	4461306.6	3150	449265.74	4460782.8
3151	449286.92	4460782.6	3201	449529.62	4460296.6	3251	449694.9	4459750.3
3152	449302.62	4460779.8	3202	449527.89	4460280.7	3252	449698.23	4459737
3153	449315.74	4460780	3203	449528.69	4460266.7	3253	449704.69	4459726.9
3154	449325.06	4460779.7	3204	449529.51	4460250.2	3254	449712.31	4459727.7
3155	449326.84	4460772.5	3205	449529.64	4460238.2	3255	449718.79	4459716.3
3156	449325.29	4460759.8	3206	449528.56	4460221.6	3256	449724.17	4459715.9
3157	449318.64	4460748.3	3207	449528.65	4460214	3257	449729.36	4459706.3
3158	449309.84	4460740.1	3208	449531.96	4460202	3258	449730.76	4459694.4
3159	449295.55	4460730.2	3209	449545.99	4460197.4	3259	449733.05	4459679.2
3160	449284.68	4460717.8	3210	449555.2	4460179	3260	449733.24	4459663.1
3161	449275.9	4460708	3211	449562.38	4460152.6	3261	449737.69	4459643.7
3162	449265.01	4460697.7	3212	449567.99	4460124.1	3262	449750.53	4459631.6
3163	449256.18	4460692.5	3213	449570.31	4460106.1	3263	449766.32	4459620.7
3164	449249.88	4460687.4	3214	449577.45	4460082.9	3264	449778.3	4459609.4
3165	449258.25	4460674	3215	449593.05	4460060.8	3265	449791.53	4459600.7
3166	449269.16	4460664	3216	449606.49	4460042.5	3266	449805.32	4459579.2
3167	449280.69	4460655.2	3217	449621.97	4460031	3267	449816.06	4459565.8
3168	449295.98	4460651.6	3218	449627.43	4460016.2	3268	449825.49	4459555.3
3169	449308.01	4460654.2	3219	449637.7	4459997.8	3269	449833.2	4459547.4
3170	449318.82	4460653.7	3220	449648.45	4459983.1	3270	449840.5	4459539
3171	449327.1	4460651.3	3221	449656.53	4459970.5	3271	449844	4459528.9
3172	449340.52	4460644.4	3222	449664.04	4459961.6	3272	449847.5	4459518.7



3173	449349.5	4460636.9	3223	449680.45	4459961.8	3273	449853.11	4459509.5
3174	449359.7	4460633.2	3224	449700.56	4459962	3274	449859.87	4459510.8
3175	449371.75	4460634.6	3225	449712.66	4459968.5	3275	449866.61	4459513.9
3176	449381.29	4460633.5	3226	449728.97	4459977.7	3276	449875.1	4459512.3
3177	449397.24	4460627.9	3227	449739.02	4459978.3	3277	449878.99	4459505.1
3178	449405.56	4460622.3	3228	449755.91	4459982.2	3278	449885.03	4459495.5
3179	449410.75	4460612.2	3229	449763.26	4459987.1	3279	449891.88	4459488.3
3180	449410.89	4460600.1	3230	449769.68	4459981.8	3280	449892.21	4459478.4
3181	449414.83	4460588.1	3231	449769.19	4459977.6	3281	449899.21	4459467.3
3182	449435.34	4460572.5	3232	449764.53	4459968.5	3282	449909.35	4459460.6
3183	449438.61	4460563.6	3233	449756.15	4459960.5	3283	449920.54	4459453.8
3184	449441.33	4460547.8	3234	449744.08	4459951.9	3284	449928.57	4459445.4
3185	449443.36	4460537	3235	449734.74	4459935.4	3285	449933.96	4459437
3186	449446.06	4460523	3236	449730.4	4459925.4	3286	449932.46	4459429.1
3187	449453.59	4460504.7	3237	449716.59	4459911.3	3287	449935.73	4459420.7
3188	449458.84	4460489.5	3238	449709.12	4459897.9	3288	449943.74	4459414.4
3189	449462.2	4460473	3239	449698.46	4459885.7	3289	449951.66	4459416.6
3190	449466.86	4460454.7	3240	449688.99	4459880.5	3290	449959.6	4459416.2
3191	449474.65	4460439.5	3241	449689.08	4459872.2	3291	449962.83	4459411.4
3192	449481.81	4460424.4	3242	449691.14	4459858.3	3292	449970.33	4459403.6
3193	449481.97	4460410.4	3243	449691.97	4459841.1	3293	449971.47	4459396.2
3194	449485.31	4460395.2	3244	449690.88	4459825.2	3294	449967.33	4459388.2
3195	449489.92	4460381.3	3245	449686.58	4459812.5	3295	449959.96	4459384.4
3196	449497.69	4460368	3246	449682.9	4459800.4	3296	449955.29	4459375.9
3197	449511.14	4460358	3247	449684.92	4459790.2	3297	449963.27	4459372.3
3198	449527.12	4460349.3	3248	449691.35	4459783.3	3298	449971.2	4459373.4
3199	449529.76	4460340.4	3249	449694.69	4459769.4	3299	449976.47	4459375.6
3200	449527.98	4460329	3250	449696.08	4459758.6	3300	449981.26	4459373
3301	449981.35	4459365.1	3351	450247.36	4459101.8	3401	450452.39	4458761.4
3302	449984.12	4459354	3352	450242.95	4459096.2	3402	450449.57	4458747.6
3303	449992.06	4459354.1	3353	450238.54	4459090.6	3403	450452.66	4458737.6
3304	449997.89	4459353.6	3354	450232.64	4459085.3	3404	450458.99	4458738
3305	450004.81	4459350	3355	450224.88	4459080	3405	450466.77	4458741.9
3306	450013.89	4459342.7	3356	450217.46	4459076.5	3406	450474.56	4458744.9
3307	450022.46	4459334.3	3357	450212.68	4459071.3	3407	450485.7	4458748
3308	450031.48	4459331.7	3358	450210.41	4459062.4	3408	450492.68	4458757
3309	450039.46	4459328.7	3359	450208.73	4459046.8	3409	450498.21	4458762.3
3310	450048.51	4459323.5	3360	450205.14	4459034.8	3410	450507.81	4458769.9
3311	450056	4459317.2	3361	450205.6	4459026.6	3411	450512.19	4458777.8
3312	450062.43	4459309.9	3362	450212.31	4459026.3	3412	450516.94	4458786
3313	450066.21	4459303.6	3363	450220.48	4459028.3	3413	450522.47	4458791.3
3314	450068.42	4459294.6	3364	450229.06	4459028	3414	450534.68	4458798.9
3315	450071.17	4459285.6	3365	450229.5	4459021.7	3415	450551.37	4458805.4
3316	450077.62	4459277.2	3366	450228.84	4459013.8	3416	450564.37	4458809.6
3317	450083.01	4459268.8	3367	450236.3	4459013.6	3417	450577.72	4458814.6
3318	450086.87	4459255.1	3368	450241.06	4459021.1	3418	450591.11	4458817
3319	450093.35	4459243.5	3369	450246.16	4459031.5	3419	450601.86	4458821.6
3320	450101.38	4459235.1	3370	450256.54	4459035.8	3420	450606.62	4458829.1
3321	450108.53	4459221.3	3371	450262.5	4459035.8	3421	450612.47	4458839.2
3322	450118.45	4459200.6	3372	450277.03	4459036	3422	450624.66	4458848
3323	450127.16	4459188	3373	450284.17	4459030.9	3423	450636.54	4458852.2
3324	450127.29	4459176.5	3374	450288.01	4459020.1	3424	450645.11	4458852.3
3325	450123.33	4459164.5	3375	450298.52	4459013.1	3425	450652.21	4458850.1
3326	450121.6	4459152.6	3376	450309.03	4459006.9	3426	450659.74	4458843.5
3327	450112.45	4459137.6	3377	450323.23	4459003	3427	450663.53	4458837.2



3328	450109.95	4459128.6	3378	450331.41	4459004.2	3428	450660.24	4458831.6
3329	450116.36	4459121.6	3379	450340.31	4459008.4	3429	450652.89	4458822.9
3330	450125.01	4459114.6	3380	450348.51	4459008.1	3430	450648.91	4458812.1
3331	450132.47	4459113.9	3381	450351.57	4459000.7	3431	450646.06	4458800.9
3332	450139.96	4459109.9	3382	450354.63	4458993.3	3432	450640.59	4458790.8
3333	450142.65	4459102.9	3383	450355.5	4458982.5	3433	450632.91	4458777.3
3334	450146.48	4459093.6	3384	450358.59	4458972.8	3434	450625.58	4458766.7
3335	450152.12	4459088.8	3385	450363.92	4458962.8	3435	450616.32	4458762.2
3336	450157.81	4459080.3	3386	450367.36	4458954.7	3436	450605.96	4458755.7
3337	450160.86	4459074.4	3387	450366.73	4458944.6	3437	450594.87	4458748.1
3338	450170.88	4459077.5	3388	450364.2	4458937.9	3438	450585.25	4458742.1
3339	450179.73	4459085.8	3389	450363.92	4458929.7	3439	450576.39	4458734.9
3340	450186.7	4459095.2	3390	450368.11	4458921.5	3440	450573.49	4458727.8
3341	450193.71	4459101.2	3391	450373.8	4458913	3441	450576.15	4458722.6
3342	450202.62	4459103.9	3392	450379.48	4458904.5	3442	450582.16	4458718.2
3343	450210.45	4459103.6	3393	450391.1	4458898.7	3443	450591.5	4458716.1
3344	450218.28	4459103.7	3394	450395.26	4458893.1	3444	450595.3	4458709.4
3345	450226.46	4459104.6	3395	450393.6	4458886.7	3445	450597.25	4458702.3
3346	450232.37	4459109.5	3396	450413.2	4458867.2	3446	450605.06	4458695.3
3347	450232.64	4459118.4	3397	450432.84	4458843.6	3447	450621.44	4458679.3
3348	450238.18	4459123	3398	450446.56	4458816.5	3448	450625.38	4458667.9
3349	450243.83	4459117.1	3399	450455.01	4458793.9	3449	450629.03	4458653.7
3350	450247.66	4459107.8	3400	450454.45	4458777.1	3450	450634.91	4458639.8
3451	450641.39	4458627.8	3501	450765.13	4458485.9	3551	450888.17	4458262.1
3452	450647.5	4458621.5	3502	450765.85	4458478	3552	450898.71	4458266.5
3453	450656.09	4458620.3	3503	450765.56	4458467.8	3553	450904.13	4458273.3
3454	450665.88	4458624.6	3504	450766.44	4458455.9	3554	450914.19	4458282.8
3455	450676.3	4458629.8	3505	450772.47	4458449.6	3555	450918.75	4458291.7
3456	450688.03	4458632.1	3506	450781.06	4458447.5	3556	450920.34	4458301
3457	450699.43	4458635.1	3507	450790.73	4458449.5	3557	450928.28	4458309.6
3458	450706.4	4458636.1	3508	450797.77	4458452.9	3558	450944.3	4458316.5
3459	450715.29	4458636.6	3509	450806.28	4458458.2	3559	450957.85	4458316.7
3460	450722.24	4458639.5	3510	450815.6	4458457.6	3560	450971	4458313.9
3461	450732.43	4458637.7	3511	450820.51	4458452	3561	450979.16	4458303.8
3462	450750.12	4458646.2	3512	450827.58	4458452.1	3562	450979.66	4458297
3463	450763.06	4458653	3513	450834.3	4458451.5	3563	450978.51	4458286.9
3464	450773.48	4458658.2	3514	450837.38	4458442.5	3564	450976.49	4458278
3465	450783.62	4458660.2	3515	450838.6	4458433.2	3565	450977.86	4458269.1
3466	450787.14	4458658	3516	450838.71	4458423.9	3566	450981.36	4458259.4
3467	450785.63	4458651.3	3517	450839.21	4458412.8	3567	450985.68	4458251.4
3468	450777.14	4458643.3	3518	450843.02	4458405	3568	450993.82	4458243
3469	450770.5	4458640.7	3519	450853.11	4458402.5	3569	451005.33	4458236.8
3470	450764.18	4458638.1	3520	450864.63	4458404.5	3570	451013.05	4458227.5
3471	450758.85	4458632	3521	450875.39	4458408.7	3571	451021.74	4458208.2
3472	450755	4458635.7	3522	450886.18	4458409.9	3572	451030.91	4458183.7
3473	450747.35	4458638.2	3523	450887.73	4458405.1	3573	451040.95	4458156.7
3474	450744.88	4458632.1	3524	450884.82	4458398.7	3574	451052.27	4458137.6
3475	450748.11	4458626.8	3525	450880.03	4458393.8	3575	451058.4	4458122
3476	450745.62	4458622.3	3526	450871.12	4458390.8	3576	451061.14	4458110.5
3477	450740.53	4458623.5	3527	450858.47	4458389.5	3577	451069.02	4458105.4
3478	450734.82	4458623.1	3528	450848.46	4458384.9	3578	451072.82	4458099.1
3479	450728.15	4458622.7	3529	450843.34	4458376.7	3579	451074.77	4458091.3
3480	450723.09	4458620.5	3530	450843.44	4458367.4	3580	451079.7	4458083.5
3481	450725.06	4458615.1	3531	450847.97	4458362.6	3581	451085.01	4458075.8
3482	450726.88	4458610.9	3532	450853.55	4458363	3582	451086.97	4458067.2



3483	450714.87	4458605.7	3533	450861	4458363.1	3583	451088.56	4458057.9
3484	450697.13	4458601.7	3534	450871.06	4458363.6	3584	451094.98	4458050.2
3485	450683.83	4458598.4	3535	450879.22	4458366.3	3585	451101.77	4458043.2
3486	450674.42	4458587.5	3536	450888.54	4458366.4	3586	451104.08	4458036.1
3487	450666.89	4458579.7	3537	450895.27	4458364.2	3587	451103.39	4458031.6
3488	450664.15	4458568.9	3538	450905	4458360.2	3588	451104.21	4458024.9
3489	450670.35	4458554.1	3539	450912.42	4458362.5	3589	451113.2	4458020.6
3490	450678.76	4458540.5	3540	450920.57	4458367.5	3590	451115.52	4458012.8
3491	450691.26	4458530.8	3541	450930.64	4458366.1	3591	451118.55	4458008.3
3492	450708.15	4458525.6	3542	450938.15	4458360.6	3592	451126.85	4457999.5
3493	450717.37	4458524.1	3543	450938.23	4458353.5	3593	451135.49	4457993.2
3494	450725.64	4458523.2	3544	450935.34	4458346	3594	451143.01	4457987.4
3495	450730.78	4458518.5	3545	450928.41	4458332.9	3595	451145.72	4457978.5
3496	450740.34	4458515.5	3546	450916.73	4458320.5	3596	451148.77	4457971.8
3497	450749.92	4458511.1	3547	450907.58	4458305.5	3597	451155.54	4457966.6
3498	450749.68	4458503.8	3548	450898.41	4458292.3	3598	451163.42	4457961.5
3499	450750.72	4458495.9	3549	450889.24	4458279.5	3599	451169.43	4457957.5
3500	450756.82	4458489.9	3550	450883.86	4458268.9	3600	451177.31	4457952.4
3601	451184.45	4457946.8	3651	451394.02	4457821.4	3701	451661.99	4457562.4
3602	451191.2	4457943.2	3652	451392.42	4457813.3	3702	451675.67	4457560.3
3603	451197.6	4457937.3	3653	451391.26	4457803.6	3703	451687.42	4457560.4
3604	451202.85	4457934	3654	451387.93	4457798.4	3704	451692.19	4457559.5
3605	451208.81	4457933.7	3655	451379.07	4457795.4	3705	451705.83	4457561.3
3606	451212.58	4457930	3656	451371.07	4457791.5	3706	451712.73	4457569
3607	451215.24	4457925.6	3657	451361.39	4457786.3	3707	451714.02	4457567.4
3608	451220.87	4457921.6	3658	451351.66	4457772.8	3708	451716.33	4457559.5
3609	451227.97	4457919.8	3659	451339.04	4457765	3709	451715.49	4457550
3610	451232.03	4457923.5	3660	451326.43	4457756.8	3710	451709.85	4457542.9
3611	451242.11	4457921.4	3661	451323.12	4457750.4	3711	451702.92	4457537.4
3612	451248.52	4457918.8	3662	451327.83	4457745.8	3712	451693.1	4457535.7
3613	451255.74	4457917.6	3663	451337.6	4457742.5	3713	451681.32	4457537.8
3614	451259.64	4457909.6	3664	451346.52	4457740.1	3714	451671.15	4457539
3615	451264.87	4457896.6	3665	451353.76	4457736.4	3715	451661.31	4457538.2
3616	451270.94	4457883.5	3666	451361.87	4457730.5	3716	451650.21	4457536.5
3617	451272.85	4457864.9	3667	451369.93	4457729.8	3717	451633.4	4457535.4
3618	451274.69	4457851.8	3668	451378.86	4457726.1	3718	451620.69	4457535.6
3619	451275.72	4457835.3	3669	451385.7	4457720.2	3719	451609.25	4457535.7
3620	451280.91	4457825.6	3670	451390.88	4457711.8	3720	451601.34	4457533.4
3621	451290.29	4457819.8	3671	451399.03	4457702.2	3721	451594.71	4457529.9
3622	451300.06	4457816.9	3672	451406.73	4457695.9	3722	451589.06	4457523.8
3623	451308.11	4457817	3673	451415.29	4457688	3723	451588.51	4457516.5
3624	451316.54	4457820.5	3674	451426.39	4457679.2	3724	451589.28	4457509.3
3625	451325.02	4457819.3	3675	451438.75	4457672.5	3725	451596.75	4457495.1
3626	451328.46	4457814.7	3676	451457.92	4457662.6	3726	451603.52	4457486
3627	451336.5	4457814.8	3677	451465.59	4457658	3727	451610.28	4457478.1
3628	451341.1	4457820.4	3678	451476.26	4457650.5	3728	451618.61	4457471.8
3629	451347.78	4457828.5	3679	451487.28	4457649.8	3729	451624.41	4457464.3
3630	451354.89	4457836.6	3680	451498.36	4457643.2	3730	451626.42	4457455.1
3631	451362.46	4457841.4	3681	451510.25	4457641	3731	451627.48	4457444.9
3632	451369.19	4457845.7	3682	451518.5	4457641.4	3732	451625.37	4457435.4
3633	451376.35	4457848.3	3683	451525.85	4457638	3733	451621.07	4457422.6
3634	451383.96	4457850.1	3684	451537.35	4457631.5	3734	451617.4	4457409.9
3635	451389.42	4457853.9	3685	451543.4	4457630.6	3735	451613.39	4457399.7
3636	451394.46	4457857.8	3686	451550.04	4457632.6	3736	451612.21	4457391.1
3637	451402.47	4457860.9	3687	451554.1	4457638.7	3737	451612.93	4457383.8



3638	451410.08	4457861.4	3688	451559.43	4457644.7	3738	451615.88	4457375.9
3639	451418.12	4457861.9	3689	451567.11	4457639.8	3739	451621.34	4457369.9
3640	451424.46	4457862.8	3690	451572.93	4457631.2	3740	451628.39	4457364.6
3641	451430.4	4457862	3691	451574.62	4457621.7	3741	451636.07	4457359.3
3642	451438.93	4457857	3692	451573.46	4457612.2	3742	451642.79	4457354.6
3643	451440.69	4457850.7	3693	451575.82	4457600.2	3743	451649.2	4457349.9
3644	451438.66	4457843.5	3694	451583.87	4457590.4	3744	451656.55	4457345.5
3645	451434.92	4457836.7	3695	451593.47	4457583.8	3745	451663.58	4457342.1
3646	451427.33	4457833.6	3696	451602.73	4457578.9	3746	451668.63	4457336.4
3647	451418	4457835.2	3697	451615.24	4457567.9	3747	451679.49	4457330.8
3648	451410.77	4457837.7	3698	451623.25	4457561.6	3748	451690.92	4457330.7
3649	451404.44	4457835.9	3699	451635.03	4457559.2	3749	451699.19	4457329.8
3650	451396.89	4457829.9	3700	451648.68	4457560.3	3750	451706.82	4457328.9
3751	451712.92	4457323.3	3801	451875.18	4457086	3851	451980.7	4456852.3
3752	451720.22	4457323.4	3802	451878.14	4457077.4	3852	451986.72	4456854.2
3753	451726.21	4457327.9	3803	451880.8	4457064.1	3853	451992.4	4456857.2
3754	451731.2	4457335.6	3804	451881.43	4457055.4	3854	451994.62	4456857.2
3755	451735.97	4457335	3805	451881.53	4457046.4	3855	452001.95	4456855.4
3756	451742.36	4457331.9	3806	451883.51	4457035.3	3856	452010.25	4456851.7
3757	451748.8	4457323.7	3807	451887.07	4457024.5	3857	452021.42	4456846.4
3758	451747.63	4457314.8	3808	451887.43	4457016.6	3858	452038.04	4456837
3759	451743.9	4457307.4	3809	451886.73	4457007.8	3859	452048.9	4456832.1
3760	451739.51	4457302.6	3810	451887.09	4456999.1	3860	452056.25	4456827.4
3761	451736.42	4457295.3	3811	451889.54	4456993.3	3861	452063.92	4456823.4
3762	451738.09	4457287.7	3812	451894.36	4456988.6	3862	452072.82	4456823.1
3763	451743.86	4457282.7	3813	451896	4456984.1	3863	452078.18	4456826.4
3764	451754.07	4457279.3	3814	451894.45	4456980.1	3864	452080.98	4456831.2
3765	451762.38	4457274	3815	451891.82	4456979.3	3865	452084.09	4456836.9
3766	451769.14	4457265.8	3816	451888.4	4456977.1	3866	452084.34	4456843
3767	451774.96	4457257	3817	451888.49	4456969.4	3867	452083.3	4456850.6
3768	451776.97	4457248.1	3818	451889.93	4456958.6	3868	452081.62	4456859.4
3769	451777.05	4457240.5	3819	451892.69	4456949.1	3869	452079.28	4456869.9
3770	451778.71	4457234.2	3820	451892.75	4456943.8	3870	452079.19	4456877.5
3771	451774.51	4457226.2	3821	451889.55	4456945.8	3871	452082.02	4456879.8
3772	451773.01	4457218.9	3822	451884.2	4456950.6	3872	452087.68	4456884.6
3773	451773.14	4457207.4	3823	451882.13	4456946.8	3873	452092.09	4456887.8
3774	451775.76	4457200.5	3824	451881.68	4456939.7	3874	452098.11	4456889.2
3775	451784.39	4457195.8	3825	451879.88	4456934.4	3875	452114.61	4456890.6
3776	451792.02	4457194.9	3826	451874.12	4456929.3	3876	452134.34	4456887
3777	451800.26	4457196.3	3827	451869.96	4456922.9	3877	452136.94	4456882
3778	451805.96	4457198	3828	451863.44	4456914.3	3878	452133.46	4456880.7
3779	451812.27	4457201.2	3829	451858.26	4456904.2	3879	452123.27	4456883.4
3780	451819.25	4457201.9	3830	451856.52	4456893.9	3880	452113.73	4456883.9
3781	451826.25	4457201	3831	451857.93	4456886.2	3881	452105.16	4456883.8
3782	451833.27	4457198.3	3832	451862.02	4456875.9	3882	452097.87	4456882.2
3783	451840.28	4457195.8	3833	451865.04	4456865.9	3883	452094.46	4456875.1
3784	451845.73	4457191.4	3834	451870.4	4456859.9	3884	452092.37	4456863.1
3785	451847.72	4457183.5	3835	451878.34	4456860	3885	452092.54	4456848.1
3786	451851.35	4457172.1	3836	451887.3	4456863.2	3886	452096.91	4456831.2
3787	451854.32	4457161.7	3837	451901.79	4456869	3887	452098.33	4456818.5
3788	451856.65	4457152.8	3838	451907.31	4456872.7	3888	452096.86	4456808
3789	451858.34	4457143.6	3839	451913.89	4456876.3	3889	452086.84	4456794.9
3790	451861.61	4457135.4	3840	451920.71	4456881.1	3890	452080.88	4456788.1
3791	451864.87	4457127.2	3841	451923.89	4456880.6	3891	452072.36	4456783.3
3792	451870.65	4457122.1	3842	451926.32	4456876.4	3892	452062.55	4456780.9



3793	451875.44	4457120	3843	451931.61	4456877.2	3893	452050.79	4456781.1
3794	451876.75	4457115.9	3844	451937.55	4456876.9	3894	452040	4456781
3795	451875.84	4457112.7	3845	451949.3	4456877.3	3895	452028.9	4456779.3
3796	451874.93	4457108.2	3846	451957.88	4456877.1	3896	452014.64	4456776.3
3797	451876.89	4457103.8	3847	451965.2	4456875.3	3897	452005.77	4456774.9
3798	451878.53	4457099	3848	451969.69	4456871.5	3898	451998.49	4456772.3
3799	451877.62	4457095.5	3849	451971.98	4456865.2	3899	451994.09	4456768.1
3800	451875.44	4457091.4	3850	451973.97	4456858.2	3900	451989.06	4456763.3
3901	451983.03	4456763.5	3951	452167.32	4456592.4	4001	452360.67	4456259.1
3902	451977.92	4456765.7	3952	452173.33	4456585.3	4002	452364.85	4456251.4
3903	451971.52	4456770.1	3953	452181.46	4456578.2	4003	452369.42	4456243.2
3904	451961.27	4456777.6	3954	452187.83	4456576.2	4004	452376.61	4456232.9
3905	451947.93	4456778	3955	452191.72	4456569.4	4005	452380.47	4456221.4
3906	451941.62	4456774.5	3956	452193.5	4456561.4	4006	452389.53	4456210.7
3907	451938.2	4456767.5	3957	452197.01	4456550.9	4007	452396.33	4456202.5
3908	451931.64	4456757.9	3958	452201.32	4456544.1	4008	452401.96	4456198.5
3909	451932.66	4456751.8	3959	452204.82	4456534.4	4009	452403.16	4456191.1
3910	451942.55	4456747.8	3960	452210.5	4456517.5	4010	452407.35	4456183.3
3911	451954.02	4456745.1	3961	452214.62	4456504	4011	452412.67	4456173.7
3912	451962.96	4456740.4	3962	452218.99	4456492.2	4012	452419.83	4456167
3913	451972.24	4456734.2	3963	452226.73	4456486.2	4013	452425.16	4456157
3914	451982.14	4456729.5	3964	452232.88	4456481.2	4014	452431.48	4456158.2
3915	451990.76	4456725.2	3965	452238.24	4456475.4	4015	452437.81	4456157.9
3916	451996.56	4456717.9	3966	452247.24	4456475	4016	452440.12	4456151.6
3917	452003.93	4456712	3967	452245.95	4456471.8	4017	452440.93	4456146
3918	452008.66	4456715.5	3968	452238.03	4456469.9	4018	452445.47	4456140.1
3919	452015.29	4456718.5	3969	452232.55	4456462.9	4019	452450.71	4456137.6
3920	452021.52	4456717	3970	452229.71	4456456.8	4020	452456.34	4456133.9
3921	452032.17	4456711.2	3971	452226.89	4456448.6	4021	452459.36	4456130.6
3922	452033.51	4456705.7	3972	452224.62	4456439.3	4022	452458.68	4456124.6
3923	452028.53	4456696.3	3973	452223.36	4456433.5	4023	452457.98	4456120.5
3924	452035.76	4456693.4	3974	452225.27	4456428.2	4024	452465.14	4456113.1
3925	452048.52	4456688.9	3975	452227.97	4456423.5	4025	452467.81	4456106.8
3926	452060.4	4456686.5	3976	452228.9	4456419.4	4026	452474.2	4456103.7
3927	452070.62	4456681.5	3977	452229.93	4456412.4	4027	452478.94	4456105.7
3928	452088.43	4456678.8	3978	452237.26	4456410	4028	452482.44	4456105.1
3929	452105.82	4456676.9	3979	452243.31	4456409.1	4029	452484.08	4456100.3
3930	452118.55	4456674.5	3980	452247.16	4456405	4030	452484.16	4456093.4
3931	452127.05	4456671.6	3981	452251.7	4456396.8	4031	452483.6	4456087
3932	452125.43	4456664.8	3982	452254.02	4456387.9	4032	452486.81	4456083.5
3933	452125.96	4456655.5	3983	452256.97	4456380	4033	452493.49	4456083
3934	452133.59	4456654.7	3984	452263.99	4456376.9	4034	452497.34	4456079.2
3935	452142.04	4456656.5	3985	452271.69	4456370.7	4035	452505.93	4456078.4
3936	452153.45	4456658.8	3986	452279.39	4456363.8	4036	452511.64	4456078.7
3937	452162.77	4456658	3987	452285.53	4456354	4037	452518.93	4456080.1
3938	452164.95	4456652.5	3988	452287.83	4456347.7	4038	452527.17	4456081.4
3939	452156.11	4456648.2	3989	452289.5	4456340.4	4039	452536.33	4456085.7
3940	452148.07	4456647.7	3990	452289.59	4456331.8	4040	452539.12	4456091.4
3941	452135.42	4456642.9	3991	452291.92	4456322.6	4041	452541.91	4456098.1
3942	452140.54	4456639.1	3992	452297.07	4456316.6	4042	452547.86	4456105.2
3943	452148.21	4456635.4	3993	452305.71	4456311	4043	452557.32	4456111.3
3944	452152.91	4456631.7	3994	452310.55	4456303.8	4044	452566.17	4456115.6
3945	452159.32	4456626.2	3995	452311.9	4456297.1	4045	452574.68	4456121
3946	452166.99	4456622.1	3996	452322.44	4456291.2	4046	452592.72	4456126
3947	452172.95	4456619.2	3997	452326.68	4456281.7	4047	452598.46	4456124.8



3948	452169.64	4456611.9	3998	452334.38	4456275.1	4048	452602.6	4456123
3949	452165.42	4456610.6	3999	452341.9	4456271.6	4049	452610.64	4456114.8
3950	452164.66	4456603	4000	452352.45	4456260.9	4050	452617.69	4456109.1
4051	452625.97	4456107	4101	452634.37	4455908.2	4151	452982.34	4455558.4
4052	452635.2	4456105.2	4102	452629.09	4455887.8	4152	452989.33	4455548.9
4053	452645.07	4456106.5	4103	452622.47	4455874.2	4153	452999.02	4455534.2
4054	452653.6	4456110	4104	452614.54	4455863.9	4154	453010.24	4455525.3
4055	452660.22	4456117.5	4105	452617.98	4455859.7	4155	453021.88	4455525.5
4056	452667.22	4456124.7	4106	452626.07	4455855.2	4156	453030.28	4455531.9
4057	452673.87	4456129.6	4107	452632.88	4455852.3	4157	453043.56	4455527.3
4058	452681.63	4456135.3	4108	452635.93	4455844.7	4158	453055.74	4455526.9
4059	452691.25	4456140.6	4109	452635.57	4455839.6	4159	453067.52	4455515.4
4060	452699.08	4456140.7	4110	452631	4455831.5	4160	453078.8	4455500.7
4061	452711.01	4456139.3	4111	452629.38	4455824.7	4161	453091.17	4455482.8
4062	452719.25	4456136.1	4112	452634.93	4455821	4162	453104.64	4455462.3
4063	452725.65	4456130.2	4113	452640.91	4455816.4	4163	453115.42	4455444.5
4064	452730.19	4456123.9	4114	452648.14	4455813.5	4164	453125.72	4455422.9
4065	452739.22	4456116.5	4115	452654.55	4455808	4165	453137.64	4455399.2
4066	452748.21	4456112.2	4116	452655.51	4455799.8	4166	453148.97	4455379.7
4067	452753.47	4456108.1	4117	452663.25	4455789.3	4167	453162.89	4455365.6
4068	452759.86	4456102.6	4118	452675.63	4455780.1	4168	453171.4	4455362.5
4069	452768.8	4456102.7	4119	452685.86	4455774.8	4169	453178.27	4455363.1
4070	452777.37	4456103.2	4120	452702.83	4455771.1	4170	453190.38	4455368.6
4071	452786.64	4456107	4121	452708.36	4455769.5	4171	453204.05	4455376.7
4072	452794.76	4456113.8	4122	452709.26	4455764.4	4172	453219.31	4455384.8
4073	452803.32	4456115	4123	452709.33	4455758.5	4173	453231.95	4455390.7
4074	452811.49	4456116.6	4124	452710.26	4455751.3	4174	453245.63	4455397.8
4075	452817.01	4456123.4	4125	452713.74	4455742.5	4175	453257.75	4455402.7
4076	452824	4456130.9	4126	452724.86	4455732.9	4176	453267.81	4455402.3
4077	452827.73	4456130.6	4127	452742.75	4455723.7	4177	453279.44	4455404
4078	452838.24	4456124	4128	452773.77	4455714.3	4178	453288.89	4455410.4
4079	452846.13	4456118.1	4129	452784.42	4455708.5	4179	453301.53	4455416.4
4080	452845.45	4456111.8	4130	452786.22	4455699.2	4180	453313.1	4455422.9
4081	452838.09	4456103.9	4131	452795.23	4455688.3	4181	453324.67	4455429.4
4082	452827.74	4456096.3	4132	452810.22	4455673.7	4182	453337.29	4455436.9
4083	452817.02	4456089.5	4133	452833.69	4455657.9	4183	453347.89	4455436
4084	452808.87	4456084.9	4134	452855.83	4455646.7	4184	453360.59	4455436.1
4085	452801.51	4456076.6	4135	452871.53	4455644.3	4185	453371.67	4455438.9
4086	452792.69	4456066.5	4136	452886.31	4455647.4	4186	453384.63	4455443
4087	452792.4	4456059	4137	452900.63	4455654.4	4187	453390.99	4455441.8
4088	452788.05	4456048.2	4138	452909.88	4455660.8	4188	453391.67	4455438
4089	452777.72	4456038.1	4139	452921.3	4455661.4	4189	453386.03	4455431.6
4090	452769.46	4456019.8	4140	452928.97	4455657.2	4190	453379.72	4455427.7
4091	452762	4456005.3	4141	452933.3	4455649.2	4191	453372.15	4455423.2
4092	452754.52	4455993	4142	452934.65	4455642.1	4192	453364.57	4455419.3
4093	452743.59	4455985.6	4143	452934.77	4455631.5	4193	453357.66	4455412.2
4094	452729.2	4455985	4144	452936.57	4455621.3	4194	453352.04	4455403.9
4095	452711.42	4455984.8	4145	452941.32	4455613.3	4195	453349.6	4455395
4096	452698.32	4455982.6	4146	452944.82	4455603.6	4196	453346.5	4455387.9
4097	452682.77	4455972.2	4147	452949.17	4455593.5	4197	453339.63	4455377.7
4098	452666.84	4455957.2	4148	452952.66	4455584.2	4198	453331.48	4455368.7
4099	452651.76	4455943.1	4149	452958.79	4455581.4	4199	453325.24	4455358.5
4100	452642.18	4455929	4150	452969	4455568.3	4200	453320.94	4455345.7
4201	453317.88	4455334.9	4251	453564.47	4455078.8	4301	453887.56	4454722.3
4202	453311.03	4455323.4	4252	453569.88	4455068.3	4302	453892.49	4454707.5



4203	453301.61	4455313.1	4253	453576.27	4455065.2	4303	453897.94	4454693.8
4204	453293.46	4455304.1	4254	453585.8	4455064.2	4304	453910.65	4454692.9
4205	453285.32	4455293.9	4255	453594.89	4455056.9	4305	453924.38	4454695.7
4206	453277.79	4455285.5	4256	453601.33	4455048.5	4306	453937.06	4454698
4207	453272.2	4455274	4257	453602.49	4455040.1	4307	453947.14	4454696
4208	453269.12	4455265.8	4258	453597.79	4455034.2	4308	453959.33	4454694.5
4209	453266.69	4455255.6	4259	453591.02	4455024.6	4309	453974.63	4454698.4
4210	453271.24	4455246.7	4260	453584.78	4455013.9	4310	453984.68	4454699.6
4211	453280.58	4455248.9	4261	453576.97	4455002.7	4311	453991.46	4454708.1
4212	453298.55	4455251.7	4262	453576.03	4454992.1	4312	453995.54	4454721.9
4213	453309.15	4455250.8	4263	453584.61	4454982.7	4313	454000.67	4454736.8
4214	453318.74	4455245.1	4264	453596.27	4454980.7	4314	454002.11	4454749.5
4215	453331.49	4455241	4265	453602.01	4454988.7	4315	454004.13	4454758.5
4216	453357.95	4455241.3	4266	453608.18	4455004.7	4316	454009.83	4454769.2
4217	453378.57	4455243.6	4267	453618.46	4455031.2	4317	454016.11	4454775.6
4218	453395.49	4455244.9	4268	453628.14	4455018.1	4318	454021.31	4454783.6
4219	453406.05	4455247.7	4269	453628.22	4455010.7	4319	454021.73	4454793.7
4220	453414.45	4455253.6	4270	453624.1	4455001.1	4320	454027.45	4454802.7
4221	453422.29	4455262.1	4271	453628.49	4454987.4	4321	454037.93	4454812.4
4222	453428.61	4455264.9	4272	453637.07	4454976.9	4322	454046.34	4454817.2
4223	453433.41	4455261.7	4273	453640.89	4454966.9	4323	454052.66	4454820
4224	453431.89	4455255.4	4274	453651.6	4454955.9	4324	454055.18	4454831.6
4225	453430.39	4455247.9	4275	453664.38	4454949.2	4325	454059.84	4454840.2
4226	453433.13	4455239.5	4276	453673.98	4454942.9	4326	454076.85	4454834.5
4227	453440.6	4455234.3	4277	453688.37	4454934.1	4327	454077.98	4454827.7
4228	453452.25	4455233.9	4278	453696.93	4454925.7	4328	454073.86	4454818.1
4229	453459.63	4455236.6	4279	453711.33	4454916.9	4329	454066.58	4454805.8
4230	453469.1	4455241.5	4280	453732.11	4454895.2	4330	454061.95	4454794.1
4231	453479.16	4455241.6	4281	453749.31	4454871.6	4331	454057.33	4454781.4
4232	453487.18	4455234.8	4282	453766.4	4454858.5	4332	454053.77	4454768.6
4233	453494.2	4455221.7	4283	453780.28	4454847.6	4333	454049.1	4454760.6
4234	453500.17	4455209	4284	453788.38	4454833.4	4334	454047.15	4454745.8
4235	453503.51	4455194.8	4285	453799.59	4454825	4335	454048.39	4454729.4
4236	453504.68	4455184.2	4286	453807.51	4454827.3	4336	454048	4454717.2
4237	453507.98	4455173.6	4287	453811.29	4454820.4	4337	454049.9	4454689.2
4238	453514.92	4455167.9	4288	453814.04	4454811.4	4338	454050.34	4454678.1
4239	453526.09	4455163.8	4289	453825.21	4454806.3	4339	454049.83	4454666.7
4240	453530.95	4455155.4	4290	453832.62	4454806.4	4340	454046.73	4454660
4241	453532.64	4455145.9	4291	453839.54	4454802.7	4341	454045.89	4454650.4
4242	453536.46	4455135.9	4292	453849.18	4454793.3	4342	454045.05	4454640.3
4243	453547.25	4455118	4293	453850.82	4454788	4343	454040.75	4454627.5
4244	453552.95	4455114.1	4294	453851.97	4454780.1	4344	454033.85	4454619.8
4245	453559.3	4455114.2	4295	453856.32	4454770.1	4345	454027.86	4454615.9
4246	453565.15	4455112.1	4296	453861.14	4454764.9	4346	454020.9	4454613.3
4247	453566.29	4455104.8	4297	453871.28	4454757.6	4347	454014.57	4454611.3
4248	453560.01	4455098.3	4298	453880.31	4454755	4348	454011.75	4454607.8
4249	453554.27	4455090.9	4299	453884.09	4454748.2	4349	454008.01	4454601.4
4250	453559.12	4455084	4300	453883.17	4454736	4350	454007.76	4454595.4
4351	454007.84	4454588.7	4401	454259.94	4454573.9	4451	454430.6	4454371.9
4352	454006.99	4454579.8	4402	454265	4454576.1	4452	454436.16	4454374.2
4353	454006.74	4454573.4	4403	454267.97	4454575.7	4453	454439.46	4454378.7
4354	454009.64	4454569.3	4404	454271.82	4454572.4	4454	454440.85	4454387.7
4355	454014.4	4454569.7	4405	454276.08	4454569.9	4455	454442.24	4454396.6
4356	454020.12	4454570.1	4406	454276.99	4454564.4	4456	454446.66	4454401.1
4357	454025.55	4454566.7	4407	454273.62	4454562.6	4457	454450.76	4454401.2



4358	454026.87	4454562.2	4408	454271.53	4454560.5	4458	454454.51	4454399.4
4359	454029.16	4454556.5	4409	454272.02	4454554.2	4459	454459.42	4454393.1
4360	454033.93	4454556.3	4410	454275.48	4454548.3	4460	454463.59	4454387.2
4361	454038.64	4454560.5	4411	454277.23	4454543.2	4461	454467.03	4454379.4
4362	454044.93	4454566.3	4412	454276.87	4454537.3	4462	454468.22	4454372.3
4363	454052.2	4454569.8	4413	454276.94	4454530.9	4463	454474.42	4454366.9
4364	454058.19	4454573.7	4414	454278.71	4454524.2	4464	454483	4454366.3
4365	454061.3	4454579.1	4415	454282.16	4454519.1	4465	454485.31	4454360
4366	454065.05	4454584.9	4416	454283.52	4454511.1	4466	454492.11	4454351.1
4367	454074.85	4454588.5	4417	454288.25	4454504.8	4467	454497.76	4454346
4368	454087.8	4454593.6	4418	454292.53	4454500.2	4468	454497.84	4454338.5
4369	454101.72	4454598.4	4419	454293.87	4454494.3	4469	454500.55	4454329.6
4370	454113.51	4454604	4420	454293.52	4454487.9	4470	454504.72	4454322.9
4371	454124.92	4454606.3	4421	454291.04	4454482.8	4471	454509.27	4454315.9
4372	454134.63	4454608.9	4422	454291.1	4454476.9	4472	454519.5	4454301.1
4373	454140.92	4454614.1	4423	454297.12	4454469.3	4473	454520.73	4454291.5
4374	454147.68	4454616.3	4424	454303.13	4454461.4	4474	454521.56	4454283.6
4375	454146	4454614.6	4425	454316.08	4454450	4475	454520.14	4454277.3
4376	454144.35	4454610.3	4426	454329.25	4454438.9	4476	454515.33	4454274.6
4377	454147.36	4454607	4427	454334.89	4454433.8	4477	454515.04	4454267.2
4378	454153.29	4454606.6	4428	454340.55	4454427.5	4478	454518.78	4454266.1
4379	454162.62	4454605	4429	454347.31	4454422.7	4479	454525.1	4454267.3
4380	454166.84	4454606.3	4430	454355.87	4454423.6	4480	454531.77	4454270.3
4381	454168.08	4454609.3	4431	454359.93	4454427.4	4481	454537.74	4454269.7
4382	454170.56	4454614.8	4432	454364.7	4454433.4	4482	454541.86	4454267.5
4383	454174.37	4454614.9	4433	454368.06	4454433	4483	454542.65	4454263.4
4384	454176.52	4454611.5	4434	454369.59	4454429.3	4484	454542.37	4454259.4
4385	454180.8	4454608.2	4435	454370.8	4454421.1	4485	454541.31	4454254.1
4386	454187.57	4454608.3	4436	454377.55	4454417.9	4486	454539.52	4454247.4
4387	454191.4	4454606.6	4437	454384.97	4454420.2	4487	454539.95	4454242.2
4388	454193.97	4454603.7	4438	454390.93	4454420.3	4488	454538.9	4454236.6
4389	454196.99	4454598.6	4439	454398.42	4454417	4489	454536.71	4454232.1
4390	454202.97	4454594.9	4440	454400.73	4454410.3	4490	454533.41	4454228
4391	454214.44	4454590.8	4441	454398.17	4454406.2	4491	454531.22	4454223.1
4392	454222.48	4454591.3	4442	454397.15	4454397.6	4492	454530.54	4454217.9
4393	454228.37	4454595.2	4443	454399.07	4454392.8	4493	454530.98	4454211.6
4394	454233.41	4454599	4444	454403.52	4454394.3	4494	454532.18	4454204.9
4395	454236.39	4454597.4	4445	454409.05	4454399.2	4495	454532.99	4454198.5
4396	454241.1	4454592.8	4446	454412.82	4454395.9	4496	454536.42	4454191.5
4397	454242.86	4454587.3	4447	454418.1	4454390.4	4497	454538	4454183.7
4398	454244.61	4454581.8	4448	454421.89	4454384.1	4498	454537.7	4454177.4
4399	454247.22	4454575.9	4449	454421.94	4454380	4499	454538.51	4454171.4
4400	454254.03	4454572.6	4450	454423.14	4454372.6	4500	454541.19	4454165.1
4501	454542.39	4454158.4	4551	454597.47	4453943.8	4601	454862.26	4453733.4
4502	454542.47	4454151.3	4552	454605.52	4453933.7	4602	454844.29	4453721.8
4503	454540.75	4454142.2	4553	454611.96	4453926.2	4603	454840.52	4453717.6
4504	454542.17	4454129.2	4554	454618.38	4453919.6	4604	454843.55	4453711.7
4505	454543.57	4454117.8	4555	454629.27	4453911.8	4605	454849.99	4453704.2
4506	454546.84	4454109.3	4556	454638.56	4453904.6	4606	454869.34	4453693.2
4507	454552.97	4454101.1	4557	454645.9	4453901.5	4607	454881.24	4453689.5
4508	454557.19	4454092.6	4558	454653.55	4453899	4608	454890.2	4453683.3
4509	454558.55	4454084.6	4559	454657.43	4453892.7	4609	454897.49	4453675.3
4510	454561.51	4454076.4	4560	454661.32	4453886.1	4610	454909.88	4453665.7
4511	454566.66	4454069.8	4561	454665.21	4453879.2	4611	454921.84	4453656.1
4512	454572.09	4454067	4562	454673.27	4453868.5	4612	454931.17	4453655



4513	454574.36	4454062.9	4563	454676.86	4453859.9	4613	454937.57	4453650.8
4514	454575.05	4454058.2	4564	454685.84	4453852.1	4614	454938.89	4453646.1
4515	454577.98	4454052.2	4565	454705.4	4453843.8	4615	454938.96	4453639.8
4516	454583.45	4454045.5	4566	454712.37	4453844.8	4616	454941.16	4453633
4517	454586.07	4454038.6	4567	454721.91	4453844.3	4617	454945.88	4453626.7
4518	454588.68	4454032.6	4568	454726.97	4453845.9	4618	454953.96	4453623.9
4519	454591.93	4454025.3	4569	454731.14	4453842.1	4619	454963.68	4453626.1
4520	454599.01	4454017.1	4570	454733.77	4453834.2	4620	454967.08	4453624.4
4521	454602.95	4454006.4	4571	454740.49	4453829.9	4621	454967.6	4453616
4522	454610.15	4453998.9	4572	454751.92	4453830	4622	454967.7	4453607.1
4523	454622	4453993.3	4573	454764.35	4453826	4623	454967.78	4453599.9
4524	454631.28	4453987.1	4574	454772.97	4453822.3	4624	454967.87	4453592.3
4525	454643.72	4453982.4	4575	454779.98	4453820.1	4625	454969.67	4453583
4526	454655.2	4453978.4	4576	454789.84	4453818.7	4626	454972.29	4453575.8
4527	454662.87	4453973.5	4577	454794.96	4453815.2	4627	454978.71	4453569.9
4528	454668.03	4453966.8	4578	454793.73	4453812	4628	454992.31	4453565
4529	454673.49	4453961.8	4579	454788.04	4453809.8	4629	455002.5	4453563
4530	454680.53	4453956.5	4580	454778.51	4453809.7	4630	455009.2	4453569.9
4531	454685.33	4453954	4581	454773.14	4453806.7	4631	455015.48	4453575.9
4532	454695.53	4453950.3	4582	454771	4453799.7	4632	455026.46	4453578.5
4533	454701.94	4453945	4583	454770.12	4453793	4633	455035.78	4453578.6
4534	454701.97	4453942.8	4584	454775.9	4453787.1	4634	455045.94	4453578.8
4535	454699.44	4453941.5	4585	454782.36	4453777.9	4635	455054.39	4453580.5
4536	454693.72	4453942	4586	454788.48	4453770.7	4636	455066.22	4453582.8
4537	454688.95	4453942.6	4587	454791.09	4453764.1	4637	455075.08	4453585
4538	454679.71	4453944.7	4588	454791.17	4453757.1	4638	455082.23	4453590.2
4539	454673.65	4453946.9	4589	454790.3	4453750.1	4639	455088.58	4453589.8
4540	454667.27	4453950	4590	454793.24	4453742.2	4640	455098.35	4453587
4541	454659.29	4453953.7	4591	454798.41	4453734.9	4641	455105.57	4453584.9
4542	454653.22	4453956.8	4592	454804.21	4453727.4	4642	455114.42	4453588.8
4543	454646.83	4453959.6	4593	454808.69	4453723.9	4643	455123.69	4453593.6
4544	454637.27	4453963	4594	454815.34	4453725.6	4644	455131.26	4453597.9
4545	454625.16	4453966.7	4595	454826.74	4453728.9	4645	455138.44	4453599.7
4546	454615.31	4453966.9	4596	454845.08	4453735.8	4646	455141.35	4453604
4547	454603.57	4453965.8	4597	454848.6	4453733.9	4647	455141.68	4453612.4
4548	454599.18	4453961.3	4598	454854	4453733.3	4648	455140.74	4453620.5
4549	454596.07	4453955.6	4599	454859.36	4453737.2	4649	455138.54	4453628.1
4550	454596.14	4453948.9	4600	454863.49	4453736.9	4650	455139.32	4453634
4651	455139.24	4453641.2	4701	455149.18	4453426.6	4751	455516.31	4453435.8
4652	455136.63	4453647.5	4702	455152.61	4453422.4	4752	455522.28	4453435.1
4653	455131.9	4453653.8	4703	455158.13	4453420.8	4753	455527.9	4453432.6
4654	455126.32	4453660.5	4704	455164.88	4453423.4	4754	455533.87	4453431.5
4655	455120.3	4453668.1	4705	455171.2	4453426	4755	455540.58	4453431.6
4656	455119.37	4453676.1	4706	455178.4	4453425.6	4756	455545.84	4453427.6
4657	455123.15	4453678.7	4707	455188.13	4453427	4757	455554.16	4453424.5
4658	455136.24	4453681.8	4708	455201.21	4453430.6	4758	455568.96	4453426.4
4659	455162.06	4453683	4709	455207.52	4453434.4	4759	455576.97	4453429.9
4660	455189.6	4453681.6	4710	455212.98	4453438.3	4760	455582.47	4453429.9
4661	455204.06	4453676.2	4711	455218.91	4453438.4	4761	455588.42	4453428.3
4662	455216.8	4453672.6	4712	455225.69	4453438	4762	455587.2	4453424
4663	455221.98	4453664.2	4713	455234.18	4453436	4763	455574.55	4453419.2
4664	455227.16	4453655.3	4714	455245.67	4453431.5	4764	455582.64	4453414.7
4665	455231.51	4453644.8	4715	455255.54	4453432.5	4765	455590.69	4453414.8
4666	455237.09	4453638.1	4716	455270.07	4453432.6	4766	455596.15	4453419.1
4667	455243.91	4453633.9	4717	455284.62	4453430.9	4767	455602.03	4453423.4



4668	455248.19	4453630.6	4718	455297.29	4453430.7	4768	455609.18	4453427.7
4669	455249.54	4453623.4	4719	455304.38	4453430	4769	455615.5	4453429.9
4670	455249.61	4453617.5	4720	455310	4453427.5	4770	455621.8	4453434.6
4671	455250.92	4453613.2	4721	455316.38	4453423.5	4771	455625.54	4453441
4672	455246.72	4453610.7	4722	455322.74	4453420.6	4772	455638.15	4453449.6
4673	455241.65	4453609.8	4723	455329.07	4453421	4773	455647	4453453.5
4674	455239.16	4453604.6	4724	455333.89	4453423.3	4774	455659.23	4453457.5
4675	455240.43	4453595.7	4725	455337.59	4453425.6	4775	455666.86	4453457.1
4676	455251.1	4453588.2	4726	455344.66	4453426.4	4776	455673.22	4453456.3
4677	455252.02	4453581.5	4727	455356.16	4453430.6	4777	455688.9	4453454.8
4678	455245.35	4453572.1	4728	455363.94	4453434.4	4778	455696.55	4453452.4
4679	455241.23	4453561.9	4729	455372.09	4453438.6	4779	455702.53	4453447.8
4680	455241.35	4453551.7	4730	455378.05	4453439.1	4780	455708.52	4453442.8
4681	455238.48	4453542.8	4731	455385.89	4453437.3	4781	455711.99	4453435.6
4682	455233.95	4453532.1	4732	455391.85	4453437.7	4782	455712.9	4453429.3
4683	455228.57	4453521.1	4733	455396.61	4453444.9	4783	455718.49	4453422.1
4684	455224.49	4453507	4734	455396.92	4453450.5	4784	455725.32	4453417.1
4685	455222.53	4453493.1	4735	455403.95	4453454.6	4785	455730.93	4453408.3
4686	455222.67	4453480.8	4736	455415.46	4453458.1	4786	455733.53	4453402.8
4687	455227.02	4453470.7	4737	455427.73	4453460.5	4787	455740.77	4453399.1
4688	455230.08	4453461.8	4738	455434.81	4453460.6	4788	455749.25	4453397.9
4689	455225.01	4453460.9	4739	455438.94	4453457.6	4789	455752.27	4453392.9
4690	455215.29	4453459.5	4740	455443.47	4453452.5	4790	455755.32	4453385.7
4691	455202.18	4453457.3	4741	455449.48	4453448.5	4791	455759.65	4453376.9
4692	455189.91	4453457.1	4742	455456.22	4453445.2	4792	455766.45	4453374.8
4693	455177.58	4453460.8	4743	455467.77	4453445.3	4793	455772.4	4453372.8
4694	455169.06	4453465.8	4744	455475.2	4453447.6	4794	455775.83	4453369
4695	455163.97	4453466.1	4745	455479.99	4453452.1	4795	455777.57	4453365.2
4696	455155.52	4453464.8	4746	455483.72	4453451.4	4796	455778.47	4453360.1
4697	455150.04	4453462.2	4747	455488.24	4453447.4	4797	455779.77	4453357.2
4698	455148.43	4453455.4	4748	455496.82	4453446	4798	455784.08	4453351.3
4699	455148.53	4453446.1	4749	455506.56	4453441.6	4799	455785.83	4453345.8
4700	455148.63	4453437.6	4750	455512.2	4453437.2	4800	455788.45	4453339.1
4801	455792.32	4453334	4851	456084.39	4453210.5	4901	456230.27	4453002.5
4802	455801.09	4453319.7	4852	456074.1	4453198.1	4902	456235.56	4452995.8
4803	455807.17	4453305.8	4853	456066.01	4453188.3	4903	456240.82	4452991.8
4804	455811.06	4453298.6	4854	456068.68	4453182.8	4904	456247.17	4452990.4
4805	455820.06	4453289.4	4855	456075.06	4453178.8	4905	456252.07	4452985.6
4806	455826.46	4453285.3	4856	456076.61	4453173.2	4906	456258.87	4452977.8
4807	455828.64	4453279.4	4857	456074.43	4453168.7	4907	456266.79	4452969
4808	455835.46	4453275.6	4858	456070.01	4453164.2	4908	456268.38	4452960.1
4809	455848.59	4453275.4	4859	456063.73	4453158.9	4909	456268.11	4452951.1
4810	455836.77	4453271.8	4860	456060.44	4453153.6	4910	456269.31	4452943.3
4811	455835.12	4453268.4	4861	456061.27	4453146.6	4911	456269.41	4452935.1
4812	455835.19	4453262.5	4862	456061.31	4453142.8	4912	456269.86	4452927.7
4813	455840.76	4453256.2	4863	456059.11	4453139.5	4913	456271.08	4452918.7
4814	455850.15	4453250	4864	456053.97	4453133.1	4914	456271.52	4452912.8
4815	455859.53	4453244.1	4865	456050.31	4453127.1	4915	456275.31	4452907.6
4816	455871.03	4453237.9	4866	456047.41	4453119.6	4916	456281.63	4452908
4817	455881.33	4453225.8	4867	456042.24	4453115.8	4917	456288.7	4452909.2
4818	455886.01	4453223.7	4868	456042.7	4453109.7	4918	456295.43	4452907.1
4819	455894.45	4453226.8	4869	456047.66	4453099.3	4919	456302.22	4452900.1
4820	455895.78	4453221.7	4870	456049.26	4453090	4920	456306.02	4452893
4821	455899.28	4453211.1	4871	456055.68	4453082.7	4921	456309.83	4452886
4822	455909.91	4453207.5	4872	456060.61	4453074.9	4922	456318.46	4452880.1



4823	455918.39	4453206.7	4873	456063.66	4453068.6	4923	456325.24	4452873.5
4824	455926.85	4453207.6	4874	456069.7	4453061.2	4924	456330.16	4452866.9
4825	455939.12	4453207.8	4875	456076.84	4453056.1	4925	456333.96	4452860.2
4826	455947.61	4453206.2	4876	456085.45	4453052.8	4926	456338.84	4452856.9
4827	455955.7	4453202	4877	456091.45	4453049.2	4927	456347.42	4452855.9
4828	455963.41	4453194.9	4878	456094.51	4453042.1	4928	456356.76	4452853.8
4829	455972.37	4453188.7	4879	456098.7	4453034.3	4929	456360.93	4452847.5
4830	455980.43	4453187.1	4880	456106.2	4453029.6	4930	456365.47	4452841.2
4831	455987.59	4453191	4881	456111.88	4453021.8	4931	456375.21	4452836.4
4832	455995.15	4453196.6	4882	456118.21	4453021.5	4932	456385.34	4452835.1
4833	456007.79	4453202.2	4883	456128.6	4453025.4	4933	456398.07	4452830
4834	456024.66	4453207.9	4884	456137.47	4453032.2	4934	456407.1	4452821.9
4835	456046.59	4453216.2	4885	456143.73	4453038.2	4935	456409.05	4452814.1
4836	456058.39	4453221	4886	456151.16	4453040.1	4936	456412.46	4452808.9
4837	456068.09	4453224.5	4887	456156.02	4453039.4	4937	456419.96	4452805.3
4838	456081.57	4453231	4888	456163.48	4453038	4938	456427.41	4452805.3
4839	456090.42	4453234.5	4889	456169.46	4453036.2	4939	456433.34	4452807.7
4840	456102.69	4453235.5	4890	456175.82	4453034.1	4940	456439.67	4452808.1
4841	456111.99	4453236.8	4891	456177.35	4453030.4	4941	456442.68	4452805.9
4842	456119.99	4453241.2	4892	456179.27	4453025.6	4942	456445.36	4452799.6
4843	456127.17	4453242.1	4893	456182.63	4453024.8	4943	456447.3	4452792.2
4844	456125.11	4453237.4	4894	456186.71	4453026.8	4944	456448.49	4452786.2
4845	456118.37	4453234.4	4895	456192.28	4453028.3	4945	456454.53	4452778.8
4846	456114.16	4453232.2	4896	456197.87	4453028	4946	456464.64	4452774.8
4847	456110.4	4453227.5	4897	456203.13	4453024.7	4947	456474	4452770.1
4848	456107.94	4453220.7	4898	456208.02	4453020.3	4948	456477.42	4452764.6
4849	456100.78	4453217.2	4899	456211.81	4453014.7	4949	456477.09	4452760.5
4850	456092.76	4453215	4900	456219.39	4453009.4	4950	456480.92	4452751.6
4951	456490.73	4452740.5	5001	456896.44	4452442.3	5051	457195.46	4452286.9
4952	456504.97	4452728.8	5002	456902.84	4452437.9	5052	457208.18	4452285.1
4953	456532.2	4452707.4	5003	456907.4	4452427.8	5053	457211.41	4452280.1
4954	456549.8	4452695.5	5004	456913.23	4452417.7	5054	457213.39	4452273.8
4955	456566.24	4452693.5	5005	456922.19	4452412.1	5055	457227.89	4452260.8
4956	456580.07	4452686.8	5006	456934.96	4452405.9	5056	457240.71	4452250.8
4957	456596.59	4452677.5	5007	456953.49	4452396	5057	457253.49	4452243.9
4958	456607.77	4452671.2	5008	456965.67	4452386.6	5058	457263.07	4452238.9
4959	456606.81	4452662.8	5009	456977.16	4452381	5059	457273.29	4452234
4960	456610.08	4452654.3	5010	456990.54	4452378	5060	457286.06	4452227.8
4961	456617.57	4452647	5011	457000.75	4452373	5061	457300.73	4452222.8
4962	456626.1	4452641.8	5012	457012.19	4452373.1	5062	457317.32	4452216
4963	456635.65	4452640.3	5013	457024.23	4452375.2	5063	457334.54	4452209.9
4964	456643.11	4452635.7	5014	457033.75	4452375.9	5064	457348.55	4452206.2
4965	456649.54	4452628.3	5015	457045.2	4452374.8	5065	457361.93	4452203.2
4966	456655.92	4452626.3	5016	457056.06	4452369.2	5066	457367.71	4452197.6
4967	456665.44	4452626.9	5017	457063.12	4452362.3	5067	457373.52	4452189.4
4968	456673.88	4452629.6	5018	457075.85	4452360.5	5068	457381.86	4452181.8
4969	456679.73	4452627.1	5019	457090.44	4452361.9	5069	457387.63	4452176.8
4970	456677.69	4452620.2	5020	457103.72	4452367.2	5070	457400.98	4452175.7
4971	456674.04	4452615.4	5021	457113.18	4452373	5071	457409.3	4452170.7
4972	456676.23	4452609	5022	457119.45	4452380	5072	457422.06	4452165.8
4973	456686.87	4452603.9	5023	457128.89	4452387.8	5073	457434.82	4452160.2
4974	456694.29	4452603.4	5024	457137.06	4452396.1	5074	457438.7	4452153.9
4975	456699.56	4452605.6	5025	457143.97	4452402.6	5075	457447.62	4452152.1
4976	456705.91	4452605.1	5026	457145.78	4452410.8	5076	457453.36	4452149.6
4977	456710.22	4452598.8	5027	457149.47	4452421.7	5077	457462.42	4452135.1



4978	456711.38	4452589.3	5028	457160.82	4452429.4	5078	457477.85	4452118.8
4979	456716.25	4452580.4	5029	457156.47	4452421.1	5079	457504.06	4452103.8
4980	456725.86	4452572.5	5030	457153.36	4452415.4	5080	457517.42	4452101.4
4981	456734.93	4452566.8	5031	457153.48	4452404.6	5081	457522.57	4452095.8
4982	456742.9	4452563.7	5032	457153.01	4452389.3	5082	457528.97	4452088
4983	456753.51	4452562.3	5033	457149.33	4452377.8	5083	457543.55	4452071.7
4984	456758.85	4452558.1	5034	457143.7	4452370.8	5084	457553.49	4452053.6
4985	456762.63	4452550.7	5035	457136.79	4452363.7	5085	457563.35	4452043.1
4986	456766.93	4452545.5	5036	457132.41	4452358	5086	457579.14	4452032.3
4987	456773.3	4452544	5037	457129.97	4452348.4	5087	457599.53	4452026.1
4988	456781.29	4452539.3	5038	457124.96	4452342.6	5088	457609.34	4452020.3
4989	456783.48	4452533	5039	457121.2	4452337.5	5089	457616.19	4452013.2
4990	456786.22	4452524.5	5040	457118.11	4452330.5	5090	457621.78	4452006.1
4991	456791.59	4452517.7	5041	457118.18	4452324.1	5091	457622.74	4451996.3
4992	456800.09	4452515.2	5042	457120.18	4452315.9	5092	457619.86	4451988.7
4993	456808.03	4452515.2	5043	457127.24	4452309	5093	457616.55	4451981.9
4994	456810.74	4452508.9	5044	457138.06	4452307.2	5094	457617.47	4451974.7
4995	456820.81	4452502.4	5045	457151.37	4452309.9	5095	457625.53	4451973.5
4996	456838.15	4452485.5	5046	457160.87	4452311.9	5096	457624.3	4451970.1
4997	456852.23	4452476.1	5047	457173.6	4452309.5	5097	457617.56	4451966.6
4998	456866.31	4452466.8	5048	457181.91	4452305.2	5098	457616.37	4451959.8
4999	456879.71	4452461.2	5049	457188.95	4452300.2	5099	457621.92	4451955.7
5000	456889.98	4452451.8	5050	457189.67	4452293.2	5100	457622.42	4451949.3
5101	457617.39	4451944.6	5151	457778.5	4451664.3	5201	457925.43	4451458.9
5102	457610.26	4451938.6	5152	457800.25	4451651.9	5202	457929.91	4451455.8
5103	457607.81	4451930.1	5153	457815.2	4451647.6	5203	457936.9	4451455.9
5104	457610.04	4451920.8	5154	457825.24	4451649.6	5204	457942.93	4451456.3
5105	457614.81	4451910.7	5155	457829.74	4451646.6	5205	457949.29	4451455.4
5106	457618.71	4451902.7	5156	457835.36	4451643.7	5206	457955.1	4451453.7
5107	457627.18	4451902.4	5157	457833.15	4451641.5	5207	457970.18	4451454.2
5108	457635.21	4451904.2	5158	457835.44	4451637	5208	457977.55	4451458.2
5109	457641.13	4451904.2	5159	457841.77	4451637.5	5209	457984.61	4451465.4
5110	457650.86	4451905.6	5160	457847.37	4451636.4	5210	457999.55	4451478.3
5111	457658.49	4451904.4	5161	457845.57	4451630.4	5211	458008.02	4451478.7
5112	457658.98	4451898.5	5162	457847.84	4451627.8	5212	458018.11	4451475.6
5113	457655.14	4451901	5163	457855.34	4451623.8	5213	458026.62	4451472
5114	457648.79	4451901.3	5164	457862.83	4451619.8	5214	458035.12	4451469.2
5115	457643.76	4451897.1	5165	457871.05	4451618.4	5215	458044.64	4451469.8
5116	457639.58	4451891.5	5166	457876.32	4451612.9	5216	458057.07	4451470.5
5117	457637.97	4451884.3	5167	457877.16	4451605.1	5217	458076.13	4451470.4
5118	457640.16	4451878.4	5168	457890.29	4451597	5218	458087.37	4451469.1
5119	457646.96	4451875.5	5169	457906	4451591.6	5219	458096.61	4451466.7
5120	457645.75	4451870	5170	457919.44	4451588.8	5220	458109.39	4451459.5
5121	457645.38	4451865.7	5171	457928.42	4451585.9	5221	458115.84	4451451
5122	457644.69	4451852.2	5172	457938.5	4451583.4	5222	458123.24	4451442.5
5123	457642.35	4451833.5	5173	457948.2	4451582.8	5223	458137.51	4451444
5124	457638.38	4451812.3	5174	457954.13	4451585.8	5224	458151.16	4451445.1
5125	457631.07	4451799.5	5175	457960.84	4451585.5	5225	458161.34	4451443.6
5126	457625.95	4451791.3	5176	457970.15	4451585.6	5226	458173.75	4451441.5
5127	457620.88	4451777.8	5177	457974.2	4451590.2	5227	458183.31	4451438.4
5128	457619.15	4451766.6	5178	457978.64	4451592.4	5228	458190.33	4451435
5129	457623.36	4451756.6	5179	457981.19	4451598.1	5229	458194.52	4451429.7
5130	457636.83	4451751.5	5180	457990.06	4451604.5	5230	458199.64	4451426.9
5131	457651.38	4451749.8	5181	457996.07	4451587.7	5231	458202.23	4451422.1
5132	457659.23	4451747.7	5182	458006.83	4451563.1	5232	458201.01	4451418



5133	457654.8	4451743.5	5183	458002.77	4451557	5233	458201.7	4451412.9
5134	457663.06	4451738	5184	457996.21	4451547.4	5234	458207.74	4451412.7
5135	457673.92	4451733.7	5185	457990.89	4451540.3	5235	458214.71	4451413.7
5136	457684.42	4451727.1	5186	457986.55	4451530.8	5236	458219.43	4451418.2
5137	457690.83	4451720.5	5187	457981.54	4451524	5237	458223.87	4451418.6
5138	457699.09	4451714.6	5188	457972.69	4451521.1	5238	458238.54	4451412.7
5139	457705.88	4451707.2	5189	457965.46	4451514	5239	458254.88	4451400.2
5140	457714.14	4451701.7	5190	457956.96	4451507.6	5240	458254.31	4451394.5
5141	457719.38	4451699.9	5191	457949.4	4451501.5	5241	458251.53	4451387.1
5142	457726.14	4451695.1	5192	457940.56	4451496.9	5242	458252.21	4451381
5143	457736.23	4451691.9	5193	457931.37	4451495.5	5243	458259.27	4451374.4
5144	457742.99	4451687.1	5194	457918.05	4451494.1	5244	458263.19	4451364.9
5145	457749.39	4451682	5195	457909.85	4451488.9	5245	458270.89	4451357.7
5146	457756.86	4451679.8	5196	457907.07	4451481.3	5246	458283.04	4451350.8
5147	457760.64	4451675.4	5197	457909.03	4451476.9	5247	458293.6	4451343
5148	457767	4451672.9	5198	457916.04	4451475	5248	458305.41	4451338.4
5149	457773.75	4451668.9	5199	457919.24	4451472.8	5249	458317.85	4451333.4
5150	457777.11	4451668.1	5200	457922.81	4451465.6	5250	458327.72	4451331.3
5251	458339.18	4451328.6	5301	458588.98	4451230.4	5351	459386.26	4450956.7
5252	458345.92	4451323	5302	458589.55	4451236.4	5352	459387.94	4450948.7
5253	458347.9	4451316	5303	458591.41	4451240.3	5353	459398.12	4450937.7
5254	458353.34	4451312.6	5304	458597.14	4451238.8	5354	459404.98	4450939.4
5255	458361.62	4451310.1	5305	458601.24	4451241.7	5355	459410.79	4450940.5
5256	458376.3	4451303.6	5306	458604.72	4451242.3	5356	459412.41	4450938.4
5257	458382.08	4451298.6	5307	458613.78	4451234.8	5357	459411.92	4450934.7
5258	458386.6	4451291.7	5308	458621.29	4451225.9	5358	459408.82	4450927.8
5259	458389.87	4451283.1	5309	458637.23	4451220.2	5359	459410.9	4450917.1
5260	458395.98	4451277.1	5310	458653.64	4451211.3	5360	459416.14	4450903.1
5261	458400.49	4451271.2	5311	458686.68	4451191	5361	459432.91	4450880.5
5262	458404.05	4451265.2	5312	458706.86	4451185.4	5362	459448.97	4450864.1
5263	458406.67	4451258.2	5313	458720.65	4451183	5363	459459.9	4450852.8
5264	458410.54	4451252.5	5314	458735.55	4451176.2	5364	459469.37	4450858
5265	458417.57	4451248.8	5315	458749.29	4451178.5	5365	459470.74	4450849.1
5266	458425.58	4451244.8	5316	458757.12	4451187.6	5366	459475.29	4450839.7
5267	458431.95	4451242.9	5317	458755.89	4451203.5	5367	459499.68	4450817.1
5268	458439.55	4451244.6	5318	458762.17	4451209.4	5368	459513.13	4450807.7
5269	458447.8	4451245.6	5319	458770.1	4451210.5	5369	459523.98	4450802.7
5270	458454.77	4451247	5320	458785.99	4451209.1	5370	459536.16	4450793.3
5271	458460.18	4451246.1	5321	458795.94	4451219.3	5371	459538.78	4450786.4
5272	458467.2	4451243.3	5322	458813.33	4451225.8	5372	459536.29	4450781.3
5273	458471.64	4451243.4	5323	458828.04	4451235.5	5373	459536.41	4450770.5
5274	458476.77	4451239.6	5324	458840.75	4451234.6	5374	459539.63	4450766.7
5275	458482.17	4451239.4	5325	458854.57	4451230	5375	459549.22	4450761.7
5276	458480.92	4451237.4	5326	458886.55	4451210.2	5376	459559.39	4450760.6
5277	458477.47	4451233.6	5327	458920.66	4451189.4	5377	459565.76	4450759.4
5278	458471.84	4451225.9	5328	458936.12	4451180.1	5378	459574.57	4450766.5
5279	458471.6	4451218.6	5329	458952.62	4451171.8	5379	459590.44	4450767.3
5280	458477.04	4451215.5	5330	458961.71	4451163.4	5380	459585.45	4450759.6
5281	458482.09	4451218.1	5331	459001.12	4451142.7	5381	459579.82	4450751.3
5282	458486.53	4451218.5	5332	459047.43	4451118.9	5382	459576.1	4450743
5283	458491.97	4451214.7	5333	459094.69	4451089.9	5383	459578.09	4450736
5284	458498.94	4451216.7	5334	459106.93	4451084.8	5384	459591.56	4450724.1
5285	458502.69	4451221.8	5335	459138.33	4451069.8	5385	459612.68	4450710.4
5286	458501.66	4451228.5	5336	459161.61	4451070.6	5386	459629.84	4450709.3
5287	458500.62	4451236.7	5337	459176.37	4451075.5	5387	459651.43	4450710.2



5288	458505.69	4451237.4	5338	459188.55	4451075.1	5388	459659.84	4450705.6
5289	458526.66	4451236.4	5339	459198.64	4451072.1	5389	459690.34	4450704.7
5290	458535.25	4451235.5	5340	459197.15	4451063.6	5390	459706.04	4450701.5
5291	458539.43	4451230.5	5341	459193	4451056.1	5391	459715	4450695.7
5292	458545.22	4451224.5	5342	459189.94	4451045.5	5392	459725.27	4450686
5293	458551.31	4451219.8	5343	459217.11	4451029.9	5393	459732.89	4450687
5294	458551.99	4451215.1	5344	459242.61	4451021.7	5394	459739.21	4450689.2
5295	458555.54	4451210.3	5345	459280.35	4451008.4	5395	459747.28	4450687.1
5296	458561.58	4451209.8	5346	459316.02	4450989.8	5396	459762.15	4450683.1
5297	458570.14	4451211.5	5347	459342.63	4450977.3	5397	459770.67	4450678.1
5298	458578.38	4451212.8	5348	459367.13	4450963.3	5398	459776.25	4450671.4
5299	458583.39	4451218.9	5349	459377.71	4450964	5399	459787.28	4450669.8
5300	458588.42	4451224	5350	459383.56	4450961.9	5400	459797.83	4450673.3
5401	459805.86	4450674.3	5451	460144.54	4450302.1	5501	460518.27	4450245.3
5402	459816.85	4450676.1	5452	460147.57	4450296.2	5502	460521.21	4450249.4
5403	459825.34	4450674	5453	460152.74	4450287.8	5503	460526.05	4450249.1
5404	459844.53	4450662.8	5454	460157.49	4450279.8	5504	460537.25	4450247.8
5405	459848.42	4450655.7	5455	460163.07	4450273.1	5505	460544.32	4450247.8
5406	459848.45	4450652.7	5456	460172.46	4450266.4	5506	460546.88	4450252.7
5407	459845.59	4450646.5	5457	460186.9	4450262.8	5507	460546.8	4450259.4
5408	459862.68	4450633.1	5458	460198.35	4450261.2	5508	460550.15	4450259.8
5409	459887.84	4450617.7	5459	460201.82	4450254	5509	460557.39	4450257.3
5410	459910.81	4450608.2	5460	460204.05	4450244.3	5510	460565.44	4450257
5411	459911.73	4450601.9	5461	460207.1	4450236.7	5511	460573.05	4450258.3
5412	459912.65	4450595.1	5462	460215.99	4450236.4	5512	460578.08	4450262.6
5413	459951.48	4450569.3	5463	460225.7	4450239.1	5513	460580.11	4450270.7
5414	459953.66	4450563.8	5464	460234.12	4450243.4	5514	460585.12	4450276.7
5415	459956.33	4450552.4	5465	460240.5	4450241.4	5515	460591.47	4450277.6
5416	459961.49	4450544.9	5466	460245.61	4450238.9	5516	460591.94	4450273.4
5417	459967.29	4450538	5467	460246.51	4450233.8	5517	460586.47	4450269.9
5418	459966.07	4450533.5	5468	460251.61	4450232.6	5518	460586.54	4450263.6
5419	459966.78	4450526.5	5469	460255.79	4450236.9	5519	460592.11	4450257.7
5420	459970.05	4450518.3	5470	460260.45	4450236.9	5520	460603.58	4450254.4
5421	459976.46	4450513.3	5471	460266.38	4450237	5521	460614.99	4450257.1
5422	459989.28	4450503.3	5472	460269.8	4450234.1	5522	460616.98	4450268.1
5423	459996.94	4450499.5	5473	460266.44	4450231.5	5523	460622.46	4450270.3
5424	459998.28	4450493.2	5474	460263.52	4450228.1	5524	460631.75	4450273
5425	460000.89	4450487.5	5475	460267.4	4450222.7	5525	460636.8	4450275.6
5426	460011.08	4450484.5	5476	460272.33	4450215.7	5526	460643.16	4450275.2
5427	460009.86	4450480	5477	460277.63	4450208.3	5527	460645.33	4450269.7
5428	460008.02	4450474.3	5478	460289.58	4450205.5	5528	460644.59	4450260.4
5429	460006.18	4450469.2	5479	460300.75	4450206	5529	460641.69	4450254.9
5430	460011.31	4450464.1	5480	460310.01	4450210.9	5530	460642.23	4450244.3
5431	460017.02	4450464.8	5481	460318.5	4450218.5	5531	460650.31	4450241.8
5432	460022.76	4450463	5482	460323.64	4450225.2	5532	460656.61	4450245.7
5433	460024.7	4450459.8	5483	460330.28	4450230.5	5533	460659.51	4450251.7
5434	460024.77	4450453.5	5484	460341.39	4450237	5534	460663.69	4450256.4
5435	460025.54	4450442.1	5485	460349.56	4450238.9	5535	460670.03	4450257.3
5436	460026.95	4450429.4	5486	460362.57	4450241.7	5536	460673.48	4450251.8
5437	460030.87	4450419.9	5487	460370.77	4450241.8	5537	460678.6	4450248.5
5438	460039.97	4450400.9	5488	460378.99	4450239.3	5538	460675.68	4450245.1
5439	460058.07	4450384.5	5489	460394.29	4450237.6	5539	460669.78	4450242.1
5440	460067.16	4450366.9	5490	460415.15	4450237.8	5540	460668.99	4450237
5441	460078.38	4450348.4	5491	460425.18	4450240.5	5541	460670.34	4450230.6
5442	460088.69	4450335.3	5492	460430.71	4450245.8	5542	460677.57	4450227.7



5443	460104.88	4450326.6	5493	460440.36	4450248.5	5543	460682.2	4450229.9
5444	460113.4	4450321.7	5494	460454.15	4450248.3	5544	460688.16	4450227
5445	460114.74	4450315.7	5495	460465.67	4450251.4	5545	460689.49	4450221.5
5446	460122.82	4450312.9	5496	460477.53	4450256.4	5546	460691.26	4450214.8
5447	460130	4450314.6	5497	460482.76	4450255.7	5547	460698.89	4450214
5448	460139.71	4450316.9	5498	460495.11	4450250.6	5548	460700.63	4450210.6
5449	460144.82	4450314.4	5499	460503	4450245.1	5549	460703.66	4450204.3
5450	460145.31	4450308.9	5500	460511.58	4450243.7	5550	460713.44	4450201.1
5551	460719	4450195.6	5601	461087.01	4449967.4	5651	461218.14	4449779.1
5552	460720.81	4450185.9	5602	461092.44	4449964.3	5652	461219.89	4449774.1
5553	460721.32	4450178.3	5603	461100.43	4449960.2	5653	461230.1	4449770
5554	460722.24	4450171.5	5604	461106.79	4449959	5654	461242.47	4449766.3
5555	460723.6	4450163.5	5605	461111.89	4449957.8	5655	461254.05	4449763.1
5556	460727.06	4450156.7	5606	461115.42	4449954.4	5656	461275.37	4449755.9
5557	460735.16	4450152.6	5607	461119.92	4449950	5657	461295.9	4449752.7
5558	460744.98	4450145.5	5608	461124.06	4449948.1	5658	461305.21	4449752.8
5559	460753.07	4450140.9	5609	461130.11	4449947.6	5659	461309.67	4449754.4
5560	460762.83	4450139.4	5610	461132.99	4449945	5660	461315.63	4449753.7
5561	460771.26	4450142.4	5611	461135.25	4449941.6	5661	461325.73	4449750.5
5562	460775.51	4450141.2	5612	461140.34	4449941.3	5662	461338.85	4449743.9
5563	460774.3	4450135.7	5613	461146.03	4449943.3	5663	461353.01	4449742.9
5564	460772.99	4450130.5	5614	461148.87	4449945.2	5664	461361.58	4449743.4
5565	460773.88	4450126.3	5615	461156.8	4449946.3	5665	461368.29	4449742.7
5566	460784.1	4450121.3	5616	461162.83	4449946.3	5666	461378.79	4449737.3
5567	460789.56	4450125.2	5617	461168.22	4449947.7	5667	461379.58	4449733.2
5568	460792.95	4450124.8	5618	461175.19	4449948.7	5668	461381.87	4449728.4
5569	460800.64	4450119	5619	461177.77	4449945.5	5669	461384.49	4449727.3
5570	460802.41	4450112.6	5620	461177.81	4449941.7	5670	461391.25	4449722.1
5571	460796.94	4450109.2	5621	461177.85	4449938.6	5671	461397.63	4449718.5
5572	460796.17	4450102.4	5622	461180.43	4449935.1	5672	461403.24	4449716.3
5573	460801.3	4450098.2	5623	461185.19	4449934.8	5673	461412.22	4449713.1
5574	460810.65	4450094.9	5624	461190.58	4449936.2	5674	461418.11	4449719.5
5575	460825.52	4450090.5	5625	461194.65	4449940.7	5675	461425.58	4449718
5576	460841.66	4450086.8	5626	461197.16	4449943.9	5676	461435.29	4449715.6
5577	460853.5	4450087.8	5627	461200.03	4449942.9	5677	461443.53	4449711.5
5578	460864.06	4450090	5628	461199.13	4449938.2	5678	461445.82	4449707.1
5579	460872.1	4450091	5629	461196.32	4449933.7	5679	461450.73	4449701.2
5580	460879.78	4450086	5630	461196.06	4449928.3	5680	461461.57	4449697.6
5581	460889.55	4450082.7	5631	461198.05	4449921.3	5681	461474.29	4449693.3
5582	460893.84	4450077.7	5632	461198.13	4449914.3	5682	461488.84	4449691.9
5583	460895.19	4450071.3	5633	461200.71	4449910.9	5683	461495.54	4449692.4
5584	460899.08	4450063.8	5634	461203.6	4449903.9	5684	461499.96	4449696.9
5585	460907.18	4450059.2	5635	461207.88	4449900.1	5685	461501.53	4449698
5586	460914.85	4450054.6	5636	461205.82	4449895.5	5686	461515.57	4449692.5
5587	460918.29	4450050.4	5637	461205.91	4449887.4	5687	461532.8	4449685.7
5588	460917.9	4450047	5638	461207.3	4449876.4	5688	461537.36	4449674.9
5589	460921.78	4450041.1	5639	461209.09	4449868	5689	461547	4449665.5
5590	460932.87	4450033.6	5640	461206.61	4449862.4	5690	461561.7	4449656.8
5591	460943.1	4450028.3	5641	461201.63	4449853.5	5691	461576.43	4449646.8
5592	460951.17	4450025.8	5642	461197.94	4449842.4	5692	461593.72	4449634.3
5593	460962.22	4450022.5	5643	461196.32	4449836.1	5693	461616.62	4449631.3
5594	460979.57	4450023.2	5644	461191.73	4449830.1	5694	461633.72	4449635.4
5595	460987.19	4450023.2	5645	461187.59	4449822	5695	461642.7	4449627.8
5596	460998.13	4450019.1	5646	461186.43	4449812.2	5696	461654.88	4449617.8
5597	461022.06	4450009.5	5647	461185.26	4449803.3	5697	461660.73	4449606.4



5598	461049.54	4449994.6	5648	461188.31	4449795.8	5698	461668.53	4449590
5599	461071.96	4449978.3	5649	461196.85	4449789.5	5699	461687.01	4449585.1
5600	461083.11	4449974.7	5650	461209.62	4449783.7	5700	461696.66	4449574.4
5701	461708.86	4449562.5	5751	462157.29	4449466.1	5801	462483.13	4449372.8
5702	461745.24	4449547	5752	462168.33	4449462.9	5802	462490.37	4449369.5
5703	461764.37	4449540.3	5753	462178.95	4449460	5803	462498.43	4449367.9
5704	461775.91	4449530.9	5754	462188.28	4449459.3	5804	462504.37	4449367.1
5705	461791.84	4449526.6	5755	462200.15	4449458.1	5805	462509.1	4449360.4
5706	461809.01	4449524.3	5756	462212.46	4449455.3	5806	462516.79	4449354.6
5707	461818.43	4449534.5	5757	462219.3	4449449.5	5807	462521.94	4449348.7
5708	461825.9	4449547.3	5758	462228.69	4449443.2	5808	462526.62	4449346.2
5709	461842.95	4449557	5759	462244.86	4449436.2	5809	462539.37	4449345.2
5710	461857.47	4449564.2	5760	462258.03	4449432.1	5810	462544.84	4449348.6
5711	461877.04	4449575.2	5761	462266.38	4449442.4	5811	462553.74	4449347.9
5712	461891.55	4449584.3	5762	462278.7	4449439.1	5812	462558.43	4449344.9
5713	461903.57	4449588.2	5763	462286.78	4449435.8	5813	462559.34	4449339.9
5714	461914.33	4449591.5	5764	462301.75	4449422.4	5814	462567.43	4449335.7
5715	461930.8	4449595.5	5765	462314.52	4449416.7	5815	462578.48	4449332.5
5716	461932.59	4449606.3	5766	462324.28	4449415.1	5816	462596.68	4449332.7
5717	461936.31	4449614	5767	462332.39	4449409.2	5817	462598.87	4449326.3
5718	461947.16	4449609.7	5768	462337.15	4449400.4	5818	462608.24	4449321.4
5719	461957.28	4449613.6	5769	462346.51	4449396.7	5819	462616.78	4449315.1
5720	461973.77	4449615.7	5770	462354.5	4449401.9	5820	462632.93	4449309.8
5721	461975.73	4449610.6	5771	462357.38	4449408.7	5821	462648.65	4449305.7
5722	461983.95	4449613.9	5772	462361.11	4449415.9	5822	462655.04	4449302.4
5723	461994.06	4449619.1	5773	462367.91	4449413.9	5823	462664.79	4449300.8
5724	462007.91	4449629.4	5774	462367.57	4449406.7	5824	462670.66	4449306
5725	462025.38	4449658.2	5775	462369.35	4449399.1	5825	462679.57	4449304.8
5726	462034.15	4449669.1	5776	462367.31	4449392.3	5826	462678.34	4449301.4
5727	462034.22	4449662.7	5777	462371.11	4449392.7	5827	462678.8	4449298
5728	462031.15	4449653.2	5778	462377	4449396.2	5828	462685.64	4449292.2
5729	462025.57	4449641	5779	462383.36	4449395.4	5829	462692.43	4449290.6
5730	462021.97	4449621.9	5780	462390.97	4449396.8	5830	462695.35	4449295.2
5731	462021.5	4449608	5781	462395.22	4449395.5	5831	462702.54	4449295.7
5732	462018.5	4449592	5782	462395.31	4449387.1	5832	462709.79	4449291.2
5733	462012.28	4449580.5	5783	462400.44	4449383.3	5833	462714.09	4449285.3
5734	462007.3	4449571	5784	462408.05	4449383.8	5834	462718.37	4449281.1
5735	462000.4	4449563.9	5785	462414.81	4449385.6	5835	462726.05	4449276.5
5736	461993.47	4449558.1	5786	462424.96	4449387	5836	462728.2	4449273.6
5737	461990.43	4449546.6	5787	462430.83	4449392.1	5837	462735	4449271.1
5738	461990.53	4449537.1	5788	462440.5	4449397.7	5838	462741.37	4449269.5
5739	461988.74	4449527.6	5789	462443.81	4449405	5839	462748.59	4449267.9
5740	461985.63	4449521.2	5790	462442.44	4449413.4	5840	462756.26	4449263.7
5741	461992.68	4449515.5	5791	462433.35	4449431.5	5841	462760.52	4449261.3
5742	461999.71	4449511.8	5792	462438.89	4449428.6	5842	462759.27	4449259.1
5743	462015.62	4449509.4	5793	462446.15	4449423.2	5843	462757.2	4449255.3
5744	462037.89	4449505.9	5794	462451.29	4449417.8	5844	462760.63	4449251.1
5745	462057.66	4449499.1	5795	462451.77	4449412.3	5845	462761.95	4449247.3
5746	462076.54	4449491.9	5796	462451.88	4449402.5	5846	462762.43	4449242.2
5747	462096.94	4449484.9	5797	462454.07	4449396.2	5847	462767.54	4449239.3
5748	462110.54	4449480.8	5798	462461.79	4449387.8	5848	462776.88	4449236.9
5749	462122.88	4449475.5	5799	462468.63	4449382.4	5849	462786.24	4449233.6
5750	462138.61	4449470.1	5800	462476.3	4449377.8	5850	462796.04	4449228.2
5851	462804.56	4449223.6	5901	463095.49	4449114.2	5951	463382.88	4449012.3
5852	462810.52	4449220.3	5902	463100.26	4449114.3	5952	463385.5	4449014.4



5853	462815.66	4449215.7	5903	463106.63	4449112.5	5953	463388.91	4449016.8
5854	462822.48	4449211.6	5904	463113.56	4449108.3	5954	463391.92	4449014.6
5855	462831.83	4449208.7	5905	463116.52	4449103.9	5955	463400.52	4449011.3
5856	462841.18	4449205.8	5906	463124.75	4449101	5956	463399.45	4449007.2
5857	462851.78	4449204.7	5907	463130.86	4449099.3	5957	463397.27	4449002
5858	462858.12	4449205.6	5908	463136.94	4449099.9	5958	463399.18	4448997.9
5859	462866.13	4449208.2	5909	463140.9	4449100.7	5959	463406.67	4448995
5860	462872.06	4449208.7	5910	463145.41	4449099.9	5960	463414.87	4448994.3
5861	462878.84	4449207.5	5911	463152.05	4449098.2	5961	463421.97	4448992.6
5862	462887.34	4449205.5	5912	463158.92	4449098.8	5962	463428.7	4448990.8
5863	462890.35	4449200.9	5913	463163.44	4449097.5	5963	463430.81	4449001.6
5864	462896.72	4449199.7	5914	463165.87	4449092.5	5964	463435.25	4449004.6
5865	462898.48	4449193.4	5915	463166.17	4449089.6	5965	463440.86	4449002.5
5866	462902.33	4449190	5916	463171.36	4449086.9	5966	463442.04	4448996.9
5867	462902.82	4449184.1	5917	463178.29	4449083.3	5967	463443.25	4448989.1
5868	462906.69	4449179.5	5918	463201.67	4449075.1	5968	463451.51	4448983.6
5869	462915.2	4449175.8	5919	463212.56	4449071.8	5969	463479.15	4448977.2
5870	462921.12	4449175.8	5920	463221.06	4449069.2	5970	463483.6	4448978.7
5871	462927.92	4449173.8	5921	463223.23	4449064.2	5971	463489.15	4448982.1
5872	462934.33	4449169.2	5922	463230.43	4449059.8	5972	463494.75	4448981.5
5873	462941.14	4449165.9	5923	463234.98	4449054.8	5973	463496.67	4448976.3
5874	462946.26	4449162.6	5924	463242.16	4449051.7	5974	463504.91	4448972.6
5875	462955.2	4449158	5925	463250.65	4449050	5975	463512.01	4448970.9
5876	462959.44	4449157.6	5926	463257.79	4449050.6	5976	463520.98	4448968
5877	462964.09	4449158.5	5927	463263.02	4449056.5	5977	463532.94	4448964.8
5878	462970.02	4449158.2	5928	463268.84	4449056.5	5978	463546.39	4448961.9
5879	462974.72	4449154.4	5929	463273.36	4449054.5	5979	463554.97	4448960.9
5880	462981.53	4449151.5	5930	463275.02	4449048.4	5980	463562.07	4448959.1
5881	462988.33	4449149.1	5931	463277.99	4449042.9	5981	463572.19	4448954
5882	462992.19	4449144.9	5932	463279.65	4449036.5	5982	463581.53	4448951.1
5883	462998.59	4449140.3	5933	463284.97	4449034.2	5983	463585.6	4448953.8
5884	463004.09	4449140.8	5934	463290.82	4449031.9	5984	463587.01	4448960.9
5885	463010.02	4449141.3	5935	463296.14	4449029.6	5985	463591.45	4448963.5
5886	463013.81	4449142.6	5936	463303.04	4449027.5	5986	463594.46	4448961
5887	463019.31	4449143.5	5937	463317.38	4449023.5	5987	463595.63	4448956.1
5888	463025.54	4449144.7	5938	463329.05	4449021.5	5988	463599.41	4448952.1
5889	463030.62	4449140.7	5939	463335.92	4449022.3	5989	463605.4	4448948.8
5890	463034.11	4449135.7	5940	463342.52	4449023.7	5990	463612.16	4448944.8
5891	463040.22	4449134.2	5941	463346.75	4449024.3	5991	463617.37	4448944.8
5892	463047.11	4449133.2	5942	463349.93	4449023.6	5992	463624.09	4448943.4
5893	463051.12	4449129.6	5943	463351.83	4449019.3	5993	463628.18	4448945
5894	463057.24	4449126.5	5944	463356.07	4449018.6	5994	463638.25	4448943.6
5895	463064.39	4449126.8	5945	463360.83	4449018.9	5995	463647.93	4448944.4
5896	463071.55	4449125.1	5946	463365.05	4449020.6	5996	463655.79	4448940.8
5897	463078.21	4449121.7	5947	463367.71	4449019.8	5997	463660.67	4448937.5
5898	463084.03	4449122	5948	463369.34	4449016.1	5998	463663.7	4448933.1
5899	463088.79	4449121.8	5949	463372.55	4449012.7	5999	463667.12	4448927.1
5900	463091.48	4449118.4	5950	463378.12	4449012	6000	463675.7	4448926.9
6001	463681.24	4448930.7	6051	464113.35	4448820.5	6101	462948.52	4447210.3
6002	463685.02	4448926.6	6052	464117.86	4448819.7	6102	462864.25	4447234.6
6003	463704.64	4448921.5	6053	464121.32	4448818.2	6103	462838.91	4447242.7
6004	463719.1	4448915.3	6054	464122.41	4448815	6104	462828.28	4447246.5
6005	463733.92	4448915.9	6055	464124.3	4448811.9	6105	462784.13	4447258.8
6006	463741.07	4448920.2	6056	464125.37	4448810.8	6106	462749	4447269.6
6007	463747.32	4448928.7	6057	464129.12	4448807.2	6107	462710.27	4447281.8



6008	463754.92	4448930.9	6058	464134.97	4448804.6	6108	462596.84	4447323
6009	463754.98	4448925.4	6059	464137.65	4448801.7	6109	462560.1	4447339.2
6010	463750.86	4448915.7	6060	464135.35	4448794.3	6110	462554.09	4447341.5
6011	463753.9	4448908.9	6061	464135.41	4448789	6111	462504.23	4447362.8
6012	463768.33	4448905.7	6062	464137.81	4448787.4	6112	462426.73	4447385.4
6013	463781.08	4448901.6	6063	464143.35	4448789.1	6113	462313.3	4447426.6
6014	463797.19	4448900.1	6064	464147.28	4448792.3	6114	462291.74	4447436.1
6015	463808.64	4448898.5	6065	464150.15	4448796.3	6115	462269.87	4447444.1
6016	463827.33	4448893.7	6066	464151.97	4448798.7	6116	462244.12	4447454.6
6017	463852.39	4448886.7	6067	464153.63	4448792.6	6117	462234.67	4447458.4
6018	463863.01	4448883.9	6068	464152.63	4448787.6	6118	462180.6	4447482.1
6019	463873.62	4448881.5	6069	464147.09	4448785.4	6119	462131.85	4447500
6020	463885.05	4448882.4	6070	464145.56	4448780.1	6120	462114.95	4447506.9
6021	463892.67	4448882.1	6071	464146.66	4448777.2	6121	462112.38	4447507.9
6022	463892.31	4448877	6072	464151.44	4448775.1	6122	462018.79	4447549.6
6023	463895.72	4448874.5	6073	464157.02	4448773.6	6123	461926.78	4447597.1
6024	463905.93	4448870.8	6074	464159.16	4448771.5	6124	461910.64	4447600.7
6025	463914.82	4448870.9	6075	464157.6	4448768.6	6125	461828.53	4447623.8
6026	463921.6	4448870.6	6076	464153.97	4448762.2	6126	461826.54	4447624.4
6027	463924.62	4448865.5	6077	464151.12	4448756.9	6127	461792.77	4447635
6028	463929.75	4448860.9	6078	464153.31	4448750.3	6128	461679.34	4447676.3
6029	463939.96	4448857.2	6079	464157.35	4448744.2	6129	461660.39	4447684.6
6030	463950.99	4448854.8	6080	464167.14	4448744.1	6130	461649.46	4447687.7
6031	463957.8	4448851.9	6081	464173.21	4448745.7	6131	461593.36	4447692.6
6032	463970.14	4448847	6082	464169.32	4448739.1	6132	461573.23	4447695.1
6033	463981.19	4448843.3	6083	464177.31	4448734.7	6133	461571.01	4447695.4
6034	463993.91	4448841.3	6084	464184.2	4448733.4	6134	461471.84	4447711.2
6035	464009.09	4448837.7	6085	464190.57	4448731.9	6135	461393.59	4447727.6
6036	464009.41	4448847.5	6086	464194.26	4448733.5	6136	461340.35	4447740.1
6037	464015.76	4448847.5	6087	464194.59	4448727.4	6137	461320.26	4447744.6
6038	464026.79	4448845.5	6088	464193.37	4448720.5	6138	461204.38	4447778.3
6039	464031.12	4448837.1	6089	464197.41	4448714.3	6139	461104.32	4447814.2
6040	464041.74	4448833.9	6090	464199.76	4448711.3	6140	461086.54	4447821.3
6041	464056.11	4448836.6	6091	464204.74	4448710.1	6141	460976.05	4447869.8
6042	464067.11	4448837.1	6092	464213.68	4448709.5	6142	460932.1	4447892.7
6043	464071.83	4448832.1	6093	464219.67	4448706.6	6143	460915.76	4447899.9
6044	464078.68	4448825.8	6094	464225.97	4448705.4	6144	460808.68	4447955.6
6045	464093.94	4448824.3	6095	464233.92	4448704.5	6145	460756.28	4447987.3
6046	464100.87	4448824.6	6096	464239.54	4448704.2	6146	460698.13	4448004.4
6047	464104.29	4448826.2	6097	464252.47	4448701.7	6147	460588.28	4448044.2
6048	464106.93	4448826.8	6098	464251.24	4448693.4	6148	460580.14	4448047.5
6049	464109.05	4448826	6099	464246.68	4448687.1	6149	460576.57	4448048.9
6050	464110.41	4448823.4	6100	463151.07	4447146.1	6150	460561.32	4448055.1
6151	460546.26	4448061.3	6201	458179.06	4449395.5	6251	455603.7	4451107.5
6152	460544.8	4448061.9	6202	458138.37	4449402.7	6252	455552.86	4451143.1
6153	460512.48	4448075.2	6203	458020.53	4449428.8	6253	455518.16	4451164.1
6154	460507.38	4448077.4	6204	457904.64	4449462.5	6254	455419.27	4451233.3
6155	460478.67	4448089.8	6205	457840.59	4449484.7	6255	455325.11	4451308.8
6156	460404.17	4448123.5	6206	457839.2	4449485.3	6256	455289.4	4451341.5
6157	460297.1	4448179.2	6207	457789.82	4449504.2	6257	455236.14	4451378.8
6158	460195.52	4448240.8	6208	457679.33	4449552.8	6258	455225.7	4451387.2
6159	460190.24	4448244.2	6209	457667.42	4449559	6259	455173.79	4451423.5
6160	460188.62	4448245.2	6210	457645.4	4449568.5	6260	455079.63	4451499
6161	460143.95	4448275.3	6211	457643.88	4449569.2	6261	455073.61	4451504.5
6162	460138.23	4448279.3	6212	457617.58	4449581.5	6262	455072.05	4451505.6



6163	460084.01	4448318.4	6213	457510.5	4449637.2	6263	455003.46	4451554.6
6164	460001.84	4448384.3	6214	457453.52	4449671.8	6264	454974.29	4451578
6165	459946.73	4448392.8	6215	457362.16	4449698.4	6265	454934.43	4451581.4
6166	459858.99	4448411.4	6216	457284.81	4449725.6	6266	454815.13	4451599.8
6167	459856.87	4448411.9	6217	457282.29	4449726.5	6267	454697.29	4451625.8
6168	459826.77	4448419.4	6218	457246.21	4449740.6	6268	454581.41	4451659.6
6169	459710.89	4448453.1	6219	457135.72	4449789.1	6269	454467.98	4451700.8
6170	459597.46	4448494.3	6220	457028.64	4449844.8	6270	454357.49	4451749.4
6171	459530.09	4448522.9	6221	456942.72	4449896.3	6271	454250.42	4451805.1
6172	459528.36	4448523.7	6222	456937.81	4449899.4	6272	454147.21	4451867.7
6173	459485.24	4448543.7	6223	456920.54	4449910.5	6273	454048.32	4451936.8
6174	459378.16	4448599.4	6224	456821.65	4449979.7	6274	453954.17	4452012.4
6175	459370.03	4448604.3	6225	456727.49	4450055.2	6275	453865.16	4452093.9
6176	459270.28	4448656.2	6226	456662.58	4450113.6	6276	453841.49	4452118.6
6177	459167.07	4448718.7	6227	456620.73	4450153.2	6277	453780.12	4452167.8
6178	459152.78	4448728.2	6228	456620.69	4450153.3	6278	453758.52	4452186.6
6179	459060.32	4448793.1	6229	456618.98	4450155	6279	453757.12	4452187.8
6180	458995.01	4448845.5	6230	456535.52	4450242.1	6280	453689.7	4452250.5
6181	458985.4	4448852.2	6231	456469.12	4450321.2	6281	453637.23	4452304.2
6182	458983.61	4448853.6	6232	456429.76	4450352.7	6282	453612.19	4452324.3
6183	458981.81	4448854.9	6233	456340.74	4450434.2	6283	453598.04	4452336.6
6184	458889.45	4448929.1	6234	456257.25	4450521.4	6284	453513.56	4452414.2
6185	458803.33	4449007.8	6235	456221.56	4450562.4	6285	453430.07	4452501.4
6186	458799.5	4449011.5	6236	456219.52	4450564.8	6286	453416.88	4452517.1
6187	458796.6	4449014.3	6237	456177.6	4450616.2	6287	453399.54	4452533.3
6188	458713.11	4449101.5	6238	456106.2	4450713.5	6288	453349.09	4452584.6
6189	458709.9	4449105.3	6239	456069.55	4450771	6289	453342.88	4452590.7
6190	458701.69	4449109.6	6240	456063.51	4450774.2	6290	453335.96	4452597.4
6191	458637.19	4449147.6	6241	456027.74	4450794.8	6291	453329.14	4452604.1
6192	458573.55	4449187.3	6242	455949.44	4450843.1	6292	453245.65	4452691.3
6193	458474.66	4449256.5	6243	455935	4450852.6	6293	453231.79	4452706.9
6194	458442.48	4449282.3	6244	455933.24	4450853.8	6294	453222.14	4452717.9
6195	458439.36	4449284.5	6245	455909.58	4450870.5	6295	453158.39	4452794.7
6196	458428.58	4449292.6	6246	455907.78	4450871.6	6296	453086.98	4452892
6197	458426.72	4449294	6247	455808.89	4450940.8	6297	453022.1	4452993.8
6198	458332.56	4449369.5	6248	455714.74	4451016.3	6298	453020.97	4452995.7
6199	458323.02	4449378.3	6249	455687.35	4451040.7	6299	453013.29	4453008.7
6200	458262.9	4449383.5	6250	455684.69	4451042.6	6300	453004.37	4453024.9
6301	452910.28	4453090.8	6351	450649.15	4455430.4	6401	448401.04	4458379
6302	452816.13	4453166.3	6352	450565.66	4455517.6	6402	448381.28	4458400.4
6303	452791.29	4453188	6353	450551.81	4455533.2	6403	448305.03	4458491.1
6304	452786.88	4453191.9	6354	450549.23	4455536.1	6404	448302.88	4458493.8
6305	452722.7	4453251.7	6355	450485.47	4455613	6405	448301.52	4458495.5
6306	452639.21	4453338.9	6356	450414.07	4455710.3	6406	448230.12	4458592.8
6307	452561.6	4453431.3	6357	450349.18	4455812	6407	448165.23	4458694.6
6308	452550.33	4453446.6	6358	450291.09	4455917.8	6408	448124.25	4458767.5
6309	452537.1	4453460.5	6359	450288.33	4455923.7	6409	448098.06	4458817.2
6310	452519.87	4453480	6360	450287.75	4455924.7	6410	448069.65	4458875.8
6311	452478	4453509.3	6361	450285.38	4455928.7	6411	448065.75	4458884.2
6312	452383.85	4453584.9	6362	450277.88	4455941.2	6412	448043.87	4458933.2
6313	452294.83	4453666.4	6363	450219.79	4456047	6413	448032.79	4458956.5
6314	452261.46	4453699.8	6364	450168.74	4456156.4	6414	448031.16	4458959.9
6315	452258.41	4453703	6365	450124.96	4456268.8	6415	448005.59	4459017
6316	452249.97	4453712	6366	450100.72	4456343.5	6416	447961.81	4459129.5
6317	452164.29	4453772	6367	450047.17	4456427.4	6417	447925.47	4459244.6



6318	452070.13	4453847.5	6368	450042.51	4456431.7	6418	447908.61	4459313.4
6319	451981.12	4453929	6369	449959.02	4456518.9	6419	447879.62	4459377.3
6320	451897.63	4454016.1	6370	449881.41	4456611.3	6420	447853.42	4459444.6
6321	451883.77	4454031.8	6371	449822.7	4456691.3	6421	447835.73	4459482.5
6322	451881.84	4454034	6372	449777.37	4456738.6	6422	447820.97	4459520.4
6323	451854.87	4454066.4	6373	449699.76	4456831	6423	447802.97	4459541.8
6324	451792.7	4454131.3	6374	449697.61	4456833.8	6424	447778.56	4459573.6
6325	451774.91	4454151.9	6375	449667.93	4456870.6	6425	447776.19	4459576.8
6326	451750.55	4454169	6376	449641.95	4456906	6426	447729.21	4459642.3
6327	451710.14	4454193.5	6377	449599.87	4456944.5	6427	447671.03	4459733.5
6328	451611.25	4454262.7	6378	449520.11	4457027.5	6428	447645.09	4459764.4
6329	451533.03	4454324.7	6379	449518.1	4457029.8	6429	447573.69	4459861.7
6330	451529.67	4454327.5	6380	449514.36	4457033.9	6430	447508.81	4459963.5
6331	451513.73	4454341	6381	449436.75	4457126.3	6431	447451.9	4460067.1
6332	451424.72	4454422.5	6382	449365.35	4457223.6	6432	447451.38	4460067.6
6333	451422.28	4454425.1	6383	449325.78	4457285.7	6433	447449.37	4460069.7
6334	451386.21	4454458.1	6384	449255.59	4457342	6434	447432.72	4460087.7
6335	451302.71	4454545.2	6385	449166.57	4457423.5	6435	447427.96	4460090.6
6336	451225.1	4454637.7	6386	449083.08	4457510.6	6436	447329.07	4460159.8
6337	451200.35	4454671.4	6387	449005.47	4457603.1	6437	447327.75	4460160.8
6338	451193.52	4454679.5	6388	448943.59	4457687.4	6438	447325.99	4460161.5
6339	451122.12	4454776.8	6389	448921.27	4457707.8	6439	447306.97	4460170.5
6340	451057.23	4454878.6	6390	448859.13	4457772.7	6440	447271.61	4460187.9
6341	450999.14	4454984.4	6391	448838.99	4457792.8	6441	447268.28	4460189.6
6342	450996.69	4454989.6	6392	448758.41	4457877.1	6442	447205.2	4460223.1
6343	450993.82	4454994.9	6393	448719.27	4457922.2	6443	447184.33	4460234.6
6344	450974.2	4455036.9	6394	448663.61	4457989.7	6444	447081.12	4460297.2
6345	450971.68	4455039.9	6395	448603.74	4458070.4	6445	446988.17	4460362
6346	450967.78	4455045.2	6396	448601.64	4458073.4	6446	446967.53	4460377.2
6347	450932.06	4455082.5	6397	448590.11	4458090	6447	446873.38	4460452.7
6348	450854.45	4455174.9	6398	448525.22	4458191.8	6448	446855.47	4460468.3
6349	450783.05	4455272.2	6399	448498.81	4458239.9	6449	446853.34	4460470.1
6350	450728.47	4455357.8	6400	448429.8	4458333.9	6450	446782.23	4460536.1
6451	446767.68	4460550.5	6501	445010.37	4462991.4	6551	444519.04	4466705.3
6452	446745.21	4460572.1	6502	444952.28	4463097.2	6552	444515.65	4466730.3
6453	446661.72	4460659.2	6503	444901.23	4463206.6	6553	444504.81	4466833.2
6454	446584.11	4460751.6	6504	444857.44	4463319.1	6554	444499.5	4466953.8
6455	446554.76	4460790	6505	444821.11	4463434.2	6555	444501.48	4467045.9
6456	446497.27	4460869.4	6506	444792.38	4463551.4	6556	444499.62	4467062.7
6457	446432.38	4460971.2	6507	444771.37	4463670.2	6557	444494.91	4467152.6
6458	446420.37	4460993	6508	444762.15	4463745.7	6558	444494.87	4467171.4
6459	446376.51	4461038.8	6509	444749.48	4463818.8	6559	444492.26	4467230.5
6460	446298.89	4461131.2	6510	444736.05	4463871.9	6560	444465.79	4467266
6461	446253.95	4461192.5	6511	444735.21	4463875.6	6561	444445.47	4467288.3
6462	446213.8	4461240.3	6512	444729.42	4463902.1	6562	444397.05	4467345.9
6463	446198	4461261.8	6513	444727.04	4463913.6	6563	444362.31	4467378.7
6464	446166.58	4461295.2	6514	444726.34	4463917	6564	444278.82	4467465.9
6465	446142.13	4461323	6515	444707.71	4464024.4	6565	444219.64	4467535.2
6466	446140.84	4461324.5	6516	444694.53	4464144.4	6566	444213.47	4467542.8
6467	446087.68	4461389.1	6517	444689.22	4464264.9	6567	444195.03	4467565.9
6468	446027.31	4461471.4	6518	444689.18	4464268.8	6568	444123.63	4467663.2
6469	446014.1	4461483.5	6519	444691.76	4464389.4	6569	444058.74	4467765
6470	445984.05	4461512.2	6520	444702.23	4464509.7	6570	444000.65	4467870.8
6471	445900.56	4461599.3	6521	444716.93	4464609	6571	443949.6	4467980.1
6472	445874.58	4461628.9	6522	444717.67	4464613.2	6572	443919.18	4468058.3



6473	445814.1	4461702	6523	444721.29	4464633.2	6573	443849.12	4468153.7
6474	445742.7	4461799.3	6524	444747.37	4464751	6574	443784.23	4468255.5
6475	445727.95	4461821.1	6525	444769.67	4464827.6	6575	443748.62	4468318.4
6476	445668.4	4461915.1	6526	444771.19	4464847.9	6576	443727.27	4468357.5
6477	445610.31	4462020.9	6527	444771.9	4464855.4	6577	443711.97	4468375.7
6478	445596.59	4462048.5	6528	444776.68	4464899.7	6578	443640.57	4468473
6479	445593.17	4462055.2	6529	444795	4465019	6579	443591.73	4468548.2
6480	445573.65	4462094.8	6530	444821.07	4465136.8	6580	443589.7	4468551.5
6481	445566.01	4462111.5	6531	444831.56	4465176	6581	443573.66	4468578
6482	445503.17	4462210	6532	444833.34	4465182.4	6582	443559.11	4468604.5
6483	445445.07	4462315.8	6533	444852.95	4465247.1	6583	443546.87	4468618.6
6484	445430.07	4462346.1	6534	444853.42	4465311.6	6584	443537.34	4468628.6
6485	445428.34	4462349.7	6535	444853.51	4465315.2	6585	443459.73	4468721
6486	445392.29	4462428.8	6536	444855.61	4465367.5	6586	443388.32	4468818.3
6487	445382.95	4462452.8	6537	444862	4465440.9	6587	443323.44	4468920.1
6488	445372.18	4462467.5	6538	444831.34	4465496.8	6588	443290.01	4468978.9
6489	445371.08	4462469.1	6539	444780.29	4465606.1	6589	443288.8	4468981.1
6490	445368.66	4462472.6	6540	444736.5	4465718.6	6590	443264.13	4469028.1
6491	445339.7	4462518.1	6541	444700.17	4465833.7	6591	443213.08	4469137.4
6492	445307.48	4462551.7	6542	444671.44	4465950.9	6592	443169.29	4469249.9
6493	445229.87	4462644.1	6543	444650.43	4466069.7	6593	443151.29	4469306.9
6494	445191.71	4462694.5	6544	444645.95	4466103.2	6594	443119.73	4469388
6495	445189.3	4462697.8	6545	444645.52	4466106.2	6595	443106.69	4469428.7
6496	445156.05	4462744.7	6546	444632.34	4466226.2	6596	443103.45	4469435.6
6497	445091.16	4462846.5	6547	444628.89	4466293.1	6597	443059.66	4469548.1
6498	445033.07	4462952.3	6548	444605.12	4466354.2	6598	443046.58	4469589.5
6499	445028.54	4462961.3	6549	444568.78	4466469.3	6599	443023.32	4469663.1
6500	445026.63	4462964.5	6550	444540.05	4466586.5	6600	443012.54	4469705.5
6601	443005.7	4469728.3	6651	440959.74	4472565.8	6701	438772.9	4474821.4
6602	442992.43	4469778.4	6652	440956.87	4472570	6702	438770.9	4474822.6
6603	442983.53	4469815.3	6653	440931.72	4472605.9	6703	438694.59	4474869.7
6604	442923.62	4469877.9	6654	440866.83	4472707.6	6704	438595.7	4474938.9
6605	442846	4469970.3	6655	440853.98	4472731	6705	438501.54	4475014.4
6606	442774.6	4470067.6	6656	440823.77	4472762.6	6706	438412.53	4475095.9
6607	442709.71	4470169.4	6657	440746.15	4472855	6707	438329.04	4475183
6608	442651.62	4470275.2	6658	440737.81	4472866.4	6708	438251.42	4475275.5
6609	442636.36	4470305.9	6659	440704.13	4472896.4	6709	438180.02	4475372.8
6610	442596.42	4470393	6660	440665.6	4472933	6710	438145.78	4475424.6
6611	442552.63	4470505.5	6661	440582.11	4473020.2	6711	438141.45	4475431.1
6612	442547.21	4470522.7	6662	440506.72	4473110	6712	438139.7	4475433.7
6613	442530.05	4470549.6	6663	440475.99	4473132.4	6713	438087.91	4475516.1
6614	442471.96	4470655.4	6664	440381.84	4473207.9	6714	438029.82	4475621.9
6615	442420.91	4470764.7	6665	440292.82	4473289.4	6715	437997.83	4475688.2
6616	442418.45	4470770.5	6666	440278.28	4473303.8	6716	437996.2	4475691.7
6617	442408.31	4470793.8	6667	440239.42	4473344.4	6717	437977.14	4475734.8
6618	442401.91	4470809.8	6668	440231.45	4473352.4	6718	437933.35	4475847.2
6619	442390.68	4470821.5	6669	440207.56	4473377.7	6719	437900.74	4475949.2
6620	442367.43	4470842.8	6670	440196.27	4473389.5	6720	437891.23	4475982
6621	442283.94	4470929.9	6671	440194.9	4473391.1	6721	437862.5	4476099.2
6622	442206.33	4471022.4	6672	440169.01	4473418.6	6722	437841.49	4476218
6623	442140.24	4471112.4	6673	440162.03	4473426.4	6723	437841.18	4476220.2
6624	442080.99	4471183	6674	440158.77	4473430.1	6724	437840.75	4476223.3
6625	442042.82	4471233.3	6675	440081.15	4473522.5	6725	437839.85	4476229.7
6626	442041.81	4471234.7	6676	440074.93	4473531	6726	437832.06	4476279.3
6627	442008.58	4471281.7	6677	440013.13	4473604.5	6727	437830.94	4476287.2



6628	441943.69	4471383.4	6678	439946.65	4473695.1	6728	437824.2	4476330.6
6629	441885.6	4471489.2	6679	439874.31	4473770.6	6729	437815.16	4476404.3
6630	441836.3	4471594.8	6680	439856.06	4473791.3	6730	437814.68	4476409
6631	441818.34	4471613.7	6681	439850.86	4473797.3	6731	437810.53	4476455.3
6632	441740.73	4471706.1	6682	439804.98	4473852.1	6732	437805.22	4476575.8
6633	441728.58	4471722.2	6683	439782.49	4473880.1	6733	437805.17	4476580.5
6634	441709.14	4471735.8	6684	439711.08	4473977.4	6734	437807.75	4476701.1
6635	441614.98	4471811.3	6685	439679.63	4474024.9	6735	437810.85	4476747.5
6636	441601.85	4471822.7	6686	439635.86	4474095.2	6736	437811.22	4476752.2
6637	441516.46	4471901.1	6687	439577.76	4474201	6737	437818.59	4476826
6638	441432.97	4471988.2	6688	439526.71	4474310.3	6738	437829.23	4476901.4
6639	441417.06	4472006.8	6689	439514.95	4474340.5	6739	437830.02	4476906.3
6640	441414.42	4472008.9	6690	439466.15	4474365.9	6740	437830.35	4476908.3
6641	441325.46	4472090.4	6691	439362.94	4474428.5	6741	437842.68	4476982.5
6642	441324.29	4472091.5	6692	439264.05	4474497.7	6742	437868.75	4477100.4
6643	441324.23	4472091.6	6693	439169.9	4474573.2	6743	437873.99	4477120.4
6644	441240.74	4472178.7	6694	439080.89	4474654.7	6744	437876.83	4477131
6645	441163.12	4472271.1	6695	439072.64	4474663.3	6745	437883.45	4477155
6646	441142.49	4472297.9	6696	438996.54	4474696.7	6746	437884.42	4477159
6647	441137.46	4472304.3	6697	438944.58	4474722.6	6747	437892.09	4477193.6
6648	441066.05	4472401.6	6698	438885.21	4474754.6	6748	437925.81	4477309.5
6649	441001.17	4472503.3	6699	438804.63	4474803.5	6749	437967.04	4477422.9
6650	440988.58	4472524.9	6700	438799.79	4474806	6750	438015.6	4477533.4
6751	438071.28	4477640.5	6801	443928.79	4479780.6			
6752	438133.85	4477743.7	6802	443975.33	4479771.3			
6753	438201.82	4477841	6803	443991.77	4479767.8			
6754	438216.58	4477860.9	6804	444063.08	4479751.1			
6755	438229.37	4477877.8	6805	444129.55	4479731.7			
6756	438233.96	4477883.8	6806	444140.47	4479730.1			
6757	438296.67	4477961.1	6807	444182.95	4479725.5			
6758	438378.17	4478050.1	6808	444302.24	4479707.2			
6759	438391.54	4478063.6	6809	444420.08	4479681.1			
6760	438401.79	4478073.9	6810	444535.96	4479647.4			
6761	438408.4	4478080.5	6811	444550.37	4479642.6			
6762	438434.45	4478111.5	6812	444583.09	4479634.5			
6763	438438.69	4478116.5	6813	444677.03	4479607.8			
6764	438447.11	4478126.4	6814	444684.61	4479605.5			
6765	438528.61	4478215.4	6815	444706.55	4479598.4			
6766	438580.58	4478266.5	6816	444727.62	4479591.4			
6767	438582	4478267.8	6817	444736.65	4479588.3			
6768	438632.8	4478315.2	6818	444829.01	4479554.1			
6769	438651.79	4478332	6819	444939.5	4479505.6			
6770	438656.25	4478335.9	6820	445004.84	4479472.7			
6771	438729.67	4478396.7	6821	445017.09	4479466.2			
6772	438826.97	4478468.1	6822	445058.82	4479443.4			
6773	438923.92	4478530.1	6823	445132.39	4479399.8			
6774	438929.57	4478533.5	6824	445152.49	4479387.4			
6775	438934.38	4478536.3	6825	445162.08	4479381.4			
6776	439040.16	4478594.4	6826	445193.99	4479361.1			
6777	439149.52	4478645.5	6827	445292.88	4479291.9			
6778	439187.91	4478661.4	6828	445387.04	4479216.4			
6779	439196.73	4478664.9	6829	445476.05	4479134.9			
6780	439239.06	4478681.3	6830	445493.18	4479118			
6781	439245.64	4478683.7	6831	445582.54	4479055.8			
6782	439277.39	4478695.3	6832	445591.34	4479049.3			



6783	439322.17	4478710.4	6833	445600.46	4479042.5			
6784	439326.51	4478711.8	6834	445694.62	4478967			
6785	439336.98	4478715.5	6835	445783.64	4478885.5			
6786	439452.07	4478751.8	6836	445867.13	4478798.4			
6787	439515.4	4478767.4	6837	445928.98	4478725.8			
6788	443131.37	4480168.2	6838	445966.97	4478679			
6789	443197.93	4480138.9	6839	445985.47	4478655			
6790	443305	4480083.2	6840	445988.96	4478650.4			
6791	443353.94	4480054.7	6841	446042.51	4478600.1			
6792	443368.4	4480046	6842	446089.59	4478552.4			
6793	443422.67	4480012	6843	446103.78	4478537.5			
6794	443485.19	4479969.3						
6795	443527.43	4479939.3						
6796	443563.8	4479912.7						
6797	443657.96	4479837.2						
6798	443688.26	4479809.4						
6799	443689.27	4479809.4						
6800	443809.5	4479799						



Aneksi nr. 10

PARKU KOMBËTAR “SHEBENIK”

Zona brenda këtij ekosistemit natyror përfshin pyje, bujqësore, shkurre, kullota, sipërfaqe heterogjene bujqësore, sipërfaqe me vegjetacion të pakët dhe bimësi barishtore. Mbulesa e tokës brenda sipërfaqes së Parkut Kombëtar, jepet në Tabelën 1. më poshtë

Tabela 1. Sipërfaqja e PK-së, e përshkruar sipas mbulesës.

Mbulesa	Sip. në ha	Përqindja
Pyje	16359	47.41
Sipërfaqe heterogjene bujqësore	1930.1	5.59
Sipërfaqe me vegjetacion të pakët	1972.8	5.72
Kullota	93.9	0.27
Urbane	49.1	0.14
Shkurre & Bimësi barishtore	14103	40.87
Total	34,507.9	100.00

Ekosistemi natyror “Shebenik”, shpallur me status “Park Kombëtar” ndahet në katër nënzona ruajtjeje e administrimi, si më poshtë vijon:

a) Nënzona Qendrore A, me sipërfaqe 2129.62 (dy mijë e njëqind e njëzet e nëntë presje gjashtëdhjetë e dy) ha, e shënuar në hartë me ZQ A.

Kjo nënzona përfshin habitatet kryesore pyjore, shkurre dhe përcaktohet si zonë me vlera të larta e të rralla për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla e më lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzona lejohen kërkimi shkencor, zhvillimi i veprimtarive ekoturistike të kontrolluara në natyrë. Në ZQ A janë të ndaluara: prerja e drurëve dhe e shkurreve; përdorimi i kimikateve dhe i plehrave kimike; ndërtime të çdo lloji; nxjerrja e mineraleve dhe e torfave; ndezja e zjarreve; kullotja, kalimi i kafshëve shtëpiake dhe ndërtimi i objekteve për mbajtje të tyre etj.

b) Nënzona Qendrore B, me sipërfaqe 14562.37 (katëmbëdhjetë mijë e pesëqind e gjashtëdhjetë e dy presje tridhjetë e shtatë) ha, e shënuar në hartë me ZQ B.

Kjo nënzona përfshin habitatet kryesore pyjore, shkurre dhe përcaktohet si zonë me vlera të larta e të rralla për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla e më lartë e mbrojtjes, që siguron një territor të pashqetësuar. Në këtë nënzona lejohen kërkimi shkencor, zhvillimi i veprimtarive ekoturistike të lira në natyrë. Në ZQ B janë të ndaluara: shfrytëzimi i tokës me teknologji intensive, me mjete dhe mënyra që shkaktojnë ndryshime rrënjësore në biodiversitet, në strukturën dhe funksionet e ekosistemeve ose që dëmtojnë në mënyrë të pandreqshme në sipërfaqen e tokës; neutralizimi i mbetjeve me origjinë jashtë territorit të “Parkut Kombëtar”; shpërndarja e kafshëve dhe e bimëve jovendase, kur ato sjellin ndryshime në biodiversitetin e sonës; riprodhimi intensiv, me përjashtim të riprodhimeve shpëtuese; ndërtimi i rrugëve, autostradave, hekurudhave, zonave urbane, hidrocentraleve, linjave të tensionit të lartë dhe sistemeve të naftës dhe gazit me shtrirje të gjatë; larja dhe spërkatja e rrugëve me kimikate; mbjellja e pyjeve monokulturë etj.

c) Nënzona e Përdorimit Tradicional dhe Zhvillimit të Qëndrueshëm, me sipërfaqe 17673.82 (shtatëmbëdhjetë mijë e gjashtëqind e shtatëdhjetë e tre presje tetëdhjetë e dy) ha, e shënuar në hartë me ZPTQ.



Kjo nënzonë përfshin tokat pyjore, bujqësore e kullotat, ku mundësohet vazhdimi i veprimtarive tradicionale si punime për shëndetësimin e pyjeve, aktivitete bujqësore, kullotja, grumbullimi dhe kultivimi i bimëve mjekësore e aromatike, me përdorim të balancuar të tyre dhe nuk lejohen ndërtimet e veprimtaritë që shkaktojnë ndryshimin e gjendjes natyrore të ekosistemit natyror. Në nënzonën e përdorimit tradicional dhe zhvillimit të qëndrueshëm, zbatohet shkalla e dytë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive ekonomike, sociale, agrobiznesit, argëtuese, sportive e ekoturistike, ndërtimi i infrastrukturës sipas planeve të zhvillimit urban e turistik të miratuar nga Këshilli Kombëtar i Territorit (KKT), të cilat nuk cenojnë integritetin ekologjik të ekosistemit natyror dhe respektojnë funksionet e zonës së mbrojtur, vlerat ekologjike dhe ato të peizazhit natyror e kulturor.

d) Nënzona e Rekreacionit me sipërfaqe 142.09 (njëqind e dyzet e dy presje zero nëntë) ha, e shënuar në hartë me ZR.

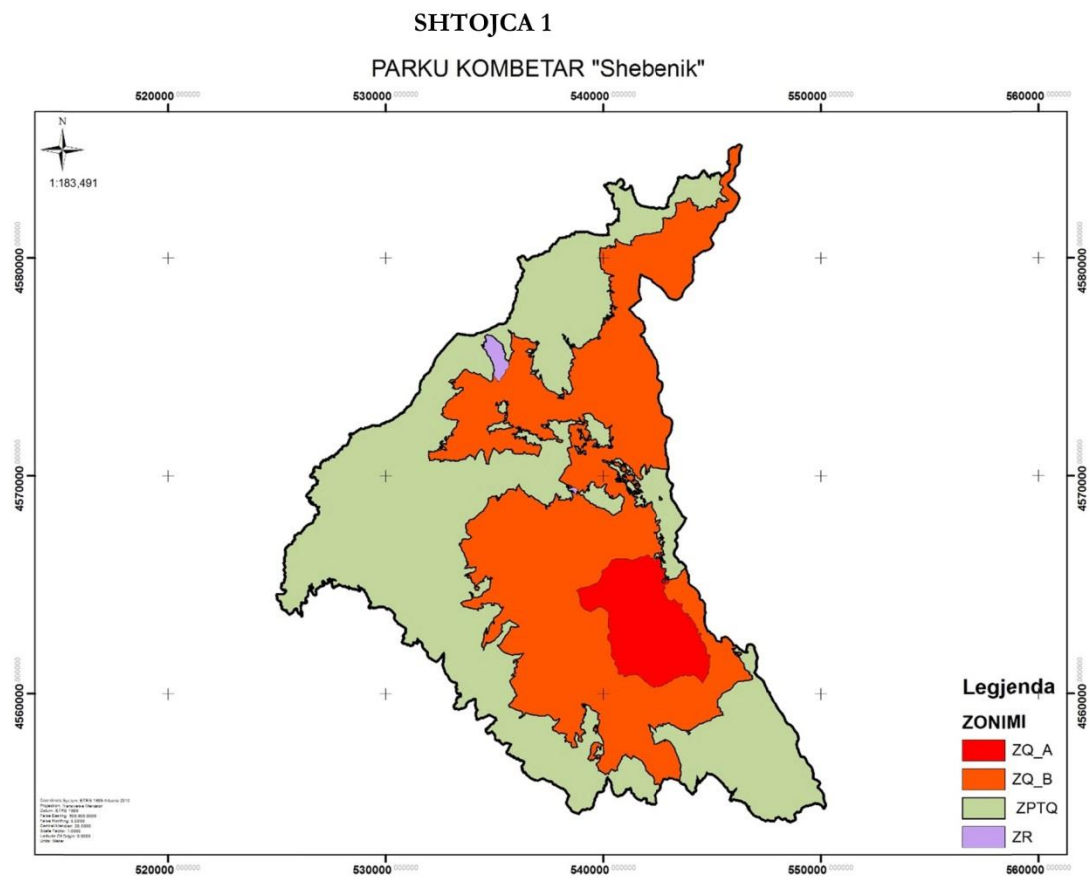
Në këtë zonë përfshihen pjesë të habitateve pyjore, kullotave dhe bimësi pyjore. Në këtë zonë zbatohet shkalla e tretë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive turistik, si mundësi shetitje në natyrë, shërbime turistike në mënyrë të tillë që respektojnë funksionet e zonës së mbrojtur, vlerat e tij ekologjike dhe ato të peizazhit natyror, në mbështetje të studimeve urbanistike të miratuar nga KKT-ja.

Zonimi dhe sipërfaqet në Parkun Kombëtar “Shebenik” jepen në Tabelën 2.

Tabela 2. Zonimi i brendshëm i PK-së.

Zonimi	Sipërfaqe ha	Perqindja
Zona qendrore A	2129.62	6.17
Zona qendrore B	14562.37	42.20
Zona e përdorimit tradicional dhe zhvillimit të qëndrueshëm	17673.82	51.22
Zona e rekreacionit	142.09	0.41
Totali	34507.9	100.00

Administratat Rajonale të Zonave të Mbrojtura, Qarku Elbasan dhe Dibër, kryejnë funksionet menaxhuese të Parkut Kombëtar “Shebenik”.





SHTOJCA 2

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	527388.58	4570744.5	51	527905.8	4571163	101	528437.8	4571816
2	527391.72	4570747.9	52	527926.4	4571186	102	528434	4571823
3	527404.84	4570779.8	53	527935.9	4571197	103	528398.2	4571860
4	527410.03	4570794.1	54	527947.4	4571200	104	528383.6	4571879
5	527417.01	4570807.9	55	527957.7	4571201	105	528379.5	4571886
6	527418.06	4570812	56	527978.1	4571206	106	528375.4	4571896
7	527426.31	4570817	57	527993.3	4571211	107	528373.2	4571904
8	527437.72	4570822.2	58	528000.5	4571218	108	528370.8	4571910
9	527442.79	4570823.5	59	528006.6	4571232	109	528372.8	4571917
10	527461.84	4570824.1	60	528017	4571248	110	528376.5	4571921
11	527478.04	4570824.6	61	528024.2	4571259	111	528384.1	4571924
12	527487.2	4570828.8	62	528026.9	4571279	112	528395.5	4571927
13	527491.89	4570835.2	63	528028.3	4571304	113	528414.1	4571925
14	527503.57	4570860.4	64	528036.4	4571318	114	528434.1	4571914
15	527525.31	4570887.7	65	528056.6	4571344	115	528456.4	4571905
16	527536.55	4570896.4	66	528063.5	4571352	116	528481.9	4571902
17	527554.82	4570897.1	67	528076	4571356	117	528511.2	4571914
18	527569.99	4570890.6	68	528093.1	4571361	118	528553.5	4571944
19	527616.83	4570857	69	528106	4571364	119	528625.5	4571988
20	527626.41	4570851.9	70	528127.5	4571367	120	528656.5	4572013
21	527636.74	4570851.6	71	528146.6	4571369	121	528674.7	4572027
22	527644.66	4570853.7	72	528176	4571378	122	528688.4	4572039
23	527647.35	4570855.9	73	528190.1	4571389	123	528730.5	4572062
24	527650.95	4570858.9	74	528198	4571395	124	528752.5	4572078
25	527653.27	4570864.1	75	528206.4	4571398	125	528774.4	4572100
26	527654.81	4570868.9	76	528216.2	4571399	126	528787.1	4572110
27	527652.43	4570902.6	77	528225.2	4571403	127	528824.5	4572137
28	527655.37	4570923.3	78	528233.6	4571409	128	528845	4572148
29	527663.91	4570940.1	79	528243.3	4571417	129	528861.6	4572153
30	527682.31	4570962.9	80	528249.8	4571425	130	528877.9	4572154
31	527710.92	4570984.9	81	528264.9	4571444	131	528932.7	4572148
32	527714.36	4570986.6	82	528279.1	4571458	132	528963.8	4572138
33	527717.48	4570987.8	83	528283.3	4571464	133	528975.2	4572137
34	527731.3	4570991.1	84	528290.1	4571480	134	528994.5	4572138
35	527742.83	4570995	85	528294	4571493	135	529015.3	4572146
36	527748.04	4570997	86	528300.7	4571514	136	529030.2	4572159
37	527765.39	4571003.3	87	528312.7	4571540	137	529035.4	4572161
38	527776.04	4571009.4	88	528315.9	4571546	138	529065	4572181
39	527783.5	4571016.6	89	528329.8	4571577	139	529075.2	4572188
40	527786.13	4571028.9	90	528337.4	4571608	140	529107.3	4572196
41	527793.15	4571040.1	91	528343.4	4571634	141	529153.7	4572203
42	527804.95	4571049.8	92	528381.2	4571718	142	529192.4	4572217
43	527816.77	4571057.9	93	528399.7	4571739	143	529236.7	4572233
44	527823.43	4571065.5	94	528408.4	4571745	144	529283.4	4572249



45	527837.55	4571081.1	95	528431.2	4571766	145	529330	4572272
46	527850.87	4571096.8	96	528435.8	4571775	146	529353.8	4572282
47	527859.78	4571115.5	97	528438.4	4571784	147	529370.3	4572293
48	527865.84	4571131.5	98	528440.4	4571792	148	529386.6	4572309
49	527874.01	4571140.2	99	528441.2	4571797	149	529396.1	4572314
50	527883.85	4571147.6	100	528441.6	4571804	150	529407.7	4572315
151	529456.18	4572301.7	201	530379.6	4572622	251	531206.1	4573332
152	529513.72	4572275.2	202	530393.5	4572638	252	531213.3	4573346
153	529528.29	4572274.4	203	530411.8	4572654	253	531213.8	4573347
154	529538.19	4572276.5	204	530442.5	4572673	254	531214.3	4573353
155	529550.69	4572283.3	205	530467.7	4572685	255	531215.1	4573358
156	529566.78	4572294.1	206	530501.8	4572699	256	531216.9	4573369
157	529591.24	4572296.3	207	530531.5	4572717	257	531224.4	4573392
158	529620.06	4572293.3	208	530552.4	4572741	258	531230.1	4573408
159	529640.62	4572289	209	530575.7	4572760	259	531242.7	4573432
160	529670.58	4572288.8	210	530612.9	4572784	260	531259.9	4573466
161	529707.64	4572288.7	211	530627.3	4572793	261	531289.1	4573510
162	529739.69	4572286.7	212	530631.3	4572795	262	531303.7	4573540
163	529751.83	4572289.7	213	530641.9	4572804	263	531321.5	4573570
164	529759.7	4572295.9	214	530646.2	4572811	264	531325.4	4573577
165	529765.16	4572304.5	215	530647.1	4572814	265	531328.7	4573585
166	529768.92	4572321.9	216	530658	4572830	266	531377.3	4573662
167	529782.15	4572341.7	217	530666.5	4572840	267	531387.1	4573676
168	529788.65	4572351.6	218	530678.9	4572849	268	531425.9	4573734
169	529803.87	4572363.4	219	530697.1	4572853	269	531429.1	4573740
170	529825.2	4572373.2	220	530738.4	4572850	270	531437.1	4573751
171	529843.4	4572378.9	221	530747.3	4572853	271	531449.4	4573761
172	529856.63	4572379.3	222	530755.9	4572861	272	531453.6	4573765
173	529874.67	4572375.6	223	530761.5	4572870	273	531462.5	4573767
174	529885.74	4572379.4	224	530767.7	4572880	274	531472.9	4573769
175	529893	4572388.2	225	530779.5	4572893	275	531485.9	4573768
176	529895.6	4572391.1	226	530806.5	4572908	276	531493.3	4573768
177	529909.58	4572402.4	227	530829.1	4572916	277	531499.3	4573769
178	529924.52	4572409.9	228	530843.2	4572922	278	531505.8	4573772
179	529946.28	4572414.6	229	530851.1	4572928	279	531510.6	4573775
180	529986.05	4572418.3	230	530852.2	4572929	280	531516.5	4573781
181	529993.65	4572420.7	231	530856.6	4572935	281	531525.4	4573789
182	529998.68	4572424.6	232	530862	4572956	282	531540.4	4573806
183	530002.82	4572432.9	233	530868	4572982	283	531550.7	4573818
184	530009.62	4572449.7	234	530870.4	4573002	284	531564.5	4573842
185	530014.23	4572457.9	235	530878.6	4573017	285	531572.4	4573858
186	530024.39	4572466.3	236	530884.7	4573020	286	531577.2	4573869
187	530048.83	4572470.6	237	530889.6	4573024	287	531581.7	4573882
188	530071.64	4572472.1	238	530893.6	4573027	288	531583.4	4573891
189	530091.11	4572476.3	239	530897.2	4573032	289	531582.8	4573910
190	530136.38	4572482.2	240	530903.5	4573042	290	531584.6	4573922



191	530153.86	4572487	241	530944.4	4573097	291	531587.3	4573930
192	530176.48	4572504.8	242	530977.6	4573138	292	531594.3	4573940
193	530192.45	4572515.9	243	530985.3	4573145	293	531604.9	4573953
194	530224.6	4572527.7	244	530996.6	4573153	294	531613.4	4573970
195	530263.71	4572533.7	245	531001	4573155	295	531614.2	4573980
196	530288.75	4572543	246	531018.1	4573160	296	531611.7	4574009
197	530300.56	4572552.1	247	531073.6	4573187	297	531609.4	4574023
198	530326.72	4572578.6	248	531133.3	4573218	298	531604.2	4574044
199	530345.03	4572594	249	531161.1	4573246	299	531602.1	4574065
200	530371.09	4572615.8	250	531166.2	4573256	300	531600	4574086
301	531606.98	4574144.6	351	532075.1	4574830	401	533997.2	4576421
302	531610	4574153.6	352	532091	4574855	402	534016.1	4576422
303	531612.74	4574172	353	532094.8	4574871	403	534037	4576423
304	531616.55	4574187.4	354	532106.3	4574908	404	534044.2	4576423
305	531620.7	4574203.7	355	532131.8	4574951	405	534061.2	4576428
306	531623.88	4574213.6	356	532136.7	4574957	406	534085.8	4576441
307	531630.98	4574242.5	357	532151.5	4574978	407	534109.8	4576453
308	531638.24	4574275	358	532161.2	4574993	408	534129.9	4576467
309	531642.21	4574292.4	359	532185.2	4575031	409	534162	4576492
310	531642.53	4574304.9	360	532206.2	4575060	410	534167	4576496
311	531643.82	4574313	361	532212.8	4575077	411	534181.4	4576506
312	531646.51	4574320.6	362	532235.9	4575154	412	534197.3	4576512
313	531652.18	4574330.2	363	532237.8	4575169	413	534231.4	4576527
314	531666.73	4574352.6	364	532240.6	4575189	414	534248.3	4576536
315	531683.69	4574377	365	532250.2	4575223	415	534253.8	4576538
316	531700.4	4574402.7	366	532269.2	4575265	416	534291.1	4576544
317	531714.43	4574420.4	367	532297.2	4575323	417	534330.8	4576548
318	531725.26	4574428.8	368	532316.5	4575360	418	534366.5	4576552
319	531732.74	4574434.4	369	532334.1	4575393	419	534384.5	4576555
320	531734.3	4574435.6	370	532351.7	4575418	420	534402.5	4576560
321	531737.51	4574437.2	371	532384.7	4575464	421	534415.1	4576565
322	531742.26	4574439.9	372	532395	4575477	422	534427.9	4576570
323	531746.22	4574442.5	373	532418.6	4575508	423	534520.8	4576605
324	531750.38	4574446	374	532519.3	4575623	424	534558.5	4576620
325	531754	4574450	375	532688.8	4575807	425	534603.8	4576637
326	531756.16	4574453.3	376	532743.8	4575876	426	534643	4576653
327	531761.79	4574461.9	377	532751.4	4575885	427	534723	4576683
328	531764.22	4574466.9	378	532761	4575899	428	534742.7	4576692
329	531768.8	4574477.9	379	532870.3	4576047	429	534781.9	4576713
330	531774.22	4574501.6	380	532935.3	4576113	430	534865.5	4576764
331	531777.48	4574519.9	381	532993.6	4576167	431	534906.8	4576789
332	531781.95	4574532.9	382	533033.2	4576204	432	534935.5	4576805
333	531789.63	4574549.4	383	533066.2	4576235	433	534970	4576821
334	531803.67	4574576.2	384	533078.5	4576250	434	535002.8	4576833
335	531817.36	4574592.3	385	533116.1	4576296	435	535008.7	4576835
336	531829.96	4574604.5	386	533147.6	4576333	436	535066.5	4576856



337	531834.54	4574608.3	387	533188.5	4576389	437	535089.9	4576867
338	531870.13	4574638	388	533216.6	4576414	438	535098.8	4576875
339	531908.01	4574672.5	389	533280.5	4576473	439	535111.3	4576893
340	531917.23	4574678.1	390	533294.2	4576484	440	535124.8	4576908
341	531932.61	4574687.5	391	533314.3	4576493	441	535143.8	4576922
342	531945.33	4574693	392	533323.4	4576495	442	535182	4576941
343	531967.93	4574699.9	393	533335.5	4576493	443	535204.1	4576948
344	531977.78	4574704.2	394	533438.8	4576481	444	535229.5	4576953
345	531983.8	4574708	395	533680.8	4576455	445	535264.9	4576954
346	531991.35	4574715.6	396	533753.8	4576449	446	535319.5	4576954
347	532005.72	4574733.3	397	533871	4576436	447	535341.7	4576953
348	532012.05	4574741.9	398	533874.2	4576435	448	535354.9	4576949
349	532019.11	4574755.1	399	533947.2	4576425	449	535374.5	4576945
350	532049.28	4574799.5	400	533980.5	4576422	450	535386.5	4576946
451	535402.78	4576952	501	535785.6	4577485	551	536080.6	4578527
452	535435.77	4576974.8	502	535792	4577497	552	536076.3	4578545
453	535441.04	4576976.4	503	535798.7	4577513	553	536064.5	4578582
454	535457.31	4576978.9	504	535802.5	4577532	554	536062.7	4578585
455	535486.85	4576984.7	505	535813.8	4577560	555	536045.6	4578614
456	535497.13	4576990.9	506	535829.8	4577598	556	536025.4	4578640
457	535508.9	4576998.1	507	535850	4577629	557	536009.1	4578663
458	535529.34	4577022.1	508	535858.2	4577641	558	536001	4578676
459	535544.56	4577039.9	509	535864.3	4577653	559	535999.3	4578685
460	535545.27	4577042.1	510	535867.4	4577662	560	535999.2	4578695
461	535549.38	4577050.5	511	535867.7	4577667	561	536001.4	4578704
462	535566.86	4577068.2	512	535868	4577674	562	536005.6	4578711
463	535583.94	4577081.4	513	535867.6	4577677	563	536016.8	4578723
464	535593.16	4577090.8	514	535869.7	4577707	564	536039.4	4578742
465	535598.39	4577102	515	535872.5	4577747	565	536059	4578763
466	535601.43	4577109.8	516	535873.1	4577761	566	536074.3	4578790
467	535601.74	4577135.1	517	535873	4577768	567	536084.5	4578825
468	535602.58	4577149.9	518	535874.1	4577832	568	536099.2	4578880
469	535604.82	4577161.8	519	535874.1	4577837	569	536111	4578901
470	535608.82	4577191.2	520	535873.7	4577849	570	536126.7	4578919
471	535611.62	4577205.6	521	535875	4577858	571	536163	4578945
472	535613.05	4577210.5	522	535878.2	4577866	572	536191.5	4578957
473	535616.83	4577213.3	523	535889.1	4577896	573	536204.8	4578969
474	535624.02	4577214.2	524	535911.8	4577945	574	536209	4578972
475	535640.75	4577212	525	535940.2	4578000	575	536212.7	4578978
476	535644.84	4577210	526	535971.9	4578041	576	536214.5	4578983
477	535654.93	4577208.3	527	535979.1	4578059	577	536215.8	4579003
478	535659.36	4577208.5	528	535982.1	4578073	578	536213.6	4579033
479	535666.51	4577209.8	529	535981.4	4578077	579	536212.8	4579047
480	535673.52	4577212.4	530	535981.8	4578089	580	536213.2	4579050
481	535679.2	4577214.8	531	535982.7	4578120	581	536215.2	4579055
482	535683.13	4577217.3	532	535986.7	4578172	582	536217.5	4579058



483	535694.72	4577224.5	533	535995.2	4578200	583	536222.1	4579062
484	535697.53	4577229	534	536017.7	4578248	584	536233	4579068
485	535700.8	4577234.6	535	536020.9	4578256	585	536255.6	4579090
486	535705.45	4577244.2	536	536021.8	4578264	586	536269.2	4579112
487	535711.42	4577263.5	537	536022.2	4578270	587	536277	4579129
488	535717.78	4577286.1	538	536023.3	4578285	588	536288	4579149
489	535720.08	4577299.1	539	536022.3	4578310	589	536301.9	4579184
490	535722.24	4577304.2	540	536021	4578340	590	536306.4	4579207
491	535725.72	4577319.6	541	536021.4	4578365	591	536305.6	4579229
492	535726.05	4577332.4	542	536032.4	4578386	592	536301.8	4579241
493	535722.25	4577359.7	543	536047.3	4578409	593	536285.6	4579259
494	535715.01	4577394.8	544	536055.8	4578418	594	536289.6	4579269
495	535715.22	4577412.8	545	536066.6	4578430	595	536329.8	4579344
496	535720.42	4577431	546	536074.3	4578452	596	536375.6	4579406
497	535725.45	4577438.8	547	536078.6	4578460	597	536358.8	4579442
498	535730.46	4577444.1	548	536080.8	4578474	598	536332.1	4579490
499	535753.27	4577461.4	549	536080.9	4578483	599	536331.2	4579493
500	535772.98	4577474.1	550	536082.3	4578512	600	536317.3	4579521
601	536258.05	4579574	651	536708.1	4580022	701	537247.8	4580178
602	536207.81	4579634.2	652	536712.9	4580022	702	537253.1	4580182
603	536210.19	4579657.3	653	536716.1	4580022	703	537257	4580187
604	536210.71	4579681.1	654	536723.4	4580019	704	537259.5	4580193
605	536207.25	4579705.7	655	536727.5	4580019	705	537263.2	4580198
606	536204.32	4579719.9	656	536730.8	4580020	706	537268.9	4580203
607	536176.54	4579796	657	536737	4580024	707	537281.9	4580213
608	536150.76	4579855.9	658	536755.9	4580037	708	537290.9	4580220
609	536143.6	4579871.1	659	536770.1	4580049	709	537296.4	4580226
610	536118.61	4579915.1	660	536774.4	4580055	710	537301.6	4580231
611	536103.64	4579950.7	661	536780.1	4580059	711	537307.5	4580233
612	536093.55	4579964.5	662	536788.7	4580063	712	537313	4580234
613	536084.95	4579974.1	663	536796.2	4580064	713	537317.8	4580237
614	536094.41	4579978.2	664	536801.7	4580064	714	537326.9	4580244
615	536102.24	4579987.8	665	536809.9	4580064	715	537332.1	4580249
616	536108.47	4579999	666	536817.6	4580063	716	537333.7	4580254
617	536113.7	4580004.4	667	536825.5	4580061	717	537336	4580259
618	536127.38	4580011.4	668	536831.1	4580059	718	537343.3	4580272
619	536139.56	4580011.6	669	536838	4580057	719	537346.6	4580274
620	536160.75	4580010.2	670	536845.2	4580056	720	537363.1	4580281
621	536172.43	4580007.7	671	536853.1	4580059	721	537371.5	4580284
622	536188.87	4580005.3	672	536858.5	4580065	722	537376.8	4580286
623	536204.74	4580006	673	536862	4580072	723	537379.6	4580286
624	536217.33	4580015.6	674	536868.2	4580077	724	537384	4580285
625	536226.1	4580036.4	675	536874.3	4580079	725	537394.2	4580278
626	536237.51	4580056.6	676	536883.2	4580082	726	537400.5	4580275
627	536251.69	4580066.3	677	536906.9	4580082	727	537411.5	4580274
628	536271.22	4580071.8	678	536908.5	4580083	728	537416.3	4580276



629	536289.74	4580072.6	679	536935.2	4580077	729	537422.3	4580277
630	536302.99	4580071.2	680	536948.1	4580074	730	537429.3	4580278
631	536319.51	4580061.8	681	536954.1	4580070	731	537435.4	4580278
632	536346.77	4580038.8	682	536969.4	4580063	732	537441.7	4580278
633	536354.98	4580016.2	683	536986.4	4580066	733	537447	4580280
634	536369.84	4579975.9	684	537029.8	4580104	734	537451.3	4580282
635	536392.19	4579931.8	685	537047	4580119	735	537456.5	4580282
636	536448.32	4579884.8	686	537059	4580125	736	537461.4	4580279
637	536490.82	4579874.5	687	537075.9	4580132	737	537468.3	4580279
638	536501.57	4579881.4	688	537092.3	4580139	738	537480.5	4580278
639	536518.31	4579886.6	689	537126.4	4580139	739	537499.4	4580284
640	536523.52	4579890.4	690	537159.8	4580146	740	537512.9	4580288
641	536539.92	4579902.5	691	537163.5	4580147	741	537523.4	4580298
642	536565.69	4579917.6	692	537169.4	4580149	742	537532.5	4580309
643	536635.23	4579947	693	537176.2	4580147	743	537543.6	4580328
644	536647.28	4579957.7	694	537184.1	4580145	744	537553.3	4580345
645	536661.44	4579969	695	537219.7	4580160	745	537562	4580361
646	536667.57	4579985.3	696	537222.4	4580165	746	537568.2	4580374
647	536674.41	4579997.8	697	537226.3	4580170	747	537568.2	4580402
648	536679.88	4580005.3	698	537231.8	4580173	748	537568	4580417
649	536686.78	4580012.2	699	537237.1	4580175	749	537572.2	4580428
650	536698.45	4580019	700	537241.9	4580177	750	537577	4580435
751	537581.57	4580444.9	801	538384.2	4580977	4581498	539131.6	4581176
752	537587.36	4580458.6	802	538413	4580972	852	539134	4581178
753	537591.67	4580466.2	803	538436.8	4580972	853	539143.7	4581185
754	537599	4580472.5	804	538446.8	4580966	854	539153.3	4581189
755	537604.81	4580483.1	805	538466.6	4580969	855	539191.1	4581186
756	537608.93	4580492.3	806	538477.7	4580982	856	539199.1	4581185
757	537632.19	4580511.2	807	538484.8	4580995	857	539203.4	4581185
758	537639	4580517.6	808	538501.7	4581020	858	539210.7	4581184
759	537649.42	4580532.6	809	538528.9	4581053	859	539228.1	4581186
760	537656.13	4580547.5	810	538534.3	4581063	860	539260.4	4581178
761	537668.06	4580568.3	811	538543.3	4581071	861	539300.5	4581167
762	537684.28	4580585.4	812	538551.6	4581076	862	539377.3	4581128
763	537699.4	4580605.7	813	538557.9	4581079	863	539498.3	4581085
764	537711.97	4580617	814	538567.4	4581081	864	539603.1	4581058
765	537726.19	4580623.5	815	538581.3	4581078	865	539772	4581040
766	537739.92	4580626.3	816	538596.1	4581074	866	539963	4581025
767	537760.08	4580623.3	817	538617.2	4581062	867	539993.2	4581022
768	537778.65	4580619.8	818	538645.2	4581047	868	540016.2	4581025
769	537798.18	4580624.3	819	538655.9	4581052	869	540064.3	4581032
770	537813.45	4580631.9	820	538668.2	4581061	870	540125.6	4581040
771	537823.38	4580643.1	821	538678.6	4581077	871	540258.2	4581049
772	537831.1	4580662.3	822	538684.7	4581094	872	540266.1	4581050
773	537864.39	4580713.5	823	538687.2	4581110	873	540275.1	4581071
774	537897.82	4580760.4	824	538692.9	4581124	874	540267.9	4581088



775	537906.44	4580769.6	825	538698.5	4581139	875	540258.9	4581099
776	537930.5	4580795.2	826	538705.3	4581149	876	540239.1	4581107
777	537953.95	4580827.9	827	538717.9	4581159	877	540227.6	4581114
778	537964.3	4580848.5	828	538732	4581169	878	540223	4581122
779	537969.44	4580861.8	829	538742.6	4581175	879	540226.7	4581138
780	537982.46	4580892.2	830	538758.4	4581178	880	540240.5	4581151
781	537999.12	4580904.4	831	538779.1	4581176	881	540251.8	4581166
782	538020.74	4580909.6	832	538813.7	4581158	882	540259.9	4581198
783	538048.44	4580897.9	833	538825.3	4581159	883	540247.6	4581270
784	538061.65	4580899.6	834	538846.7	4581158	884	540232.8	4581357
785	538082.28	4580901.4	835	538871.2	4581160	885	540210	4581426
786	538097.62	4580902.1	836	538880.1	4581166	886	540199.2	4581482
787	538115.07	4580903.9	837	538886.5	4581169	887	540200	4581498
788	538129.3	4580909.9	838	538897.8	4581175	888	540203	4581512
789	538149.83	4580920.2	839	538913.4	4581178	889	540208.6	4581523
790	538167.22	4580927.3	840	538959.4	4581180	890	540215.5	4581529
791	538182.56	4580928	841	538982.8	4581173	891	540225.6	4581531
792	538203.73	4580928.2	842	538993.3	4581174	892	540247.3	4581525
793	538227.1	4580921.6	843	539016.2	4581185	893	540265.8	4581522
794	538256.27	4580917.7	844	539039	4581182	894	540323	4581520
795	538282.69	4580922.3	845	539057.3	4581178	895	540376.9	4581527
796	538306.35	4580935.8	846	539069.3	4581174	896	540413.7	4581532
797	538316.47	4580940.3	847	539089.6	4581170	897	540434.5	4581546
798	538334.25	4580968.6	848	539103.5	4581170	898	540483.3	4581591
799	538351.32	4580980.7	849	539113.8	4581171	899	540495	4581606
800	538365.84	4580983.5	850	539123.7	4581173	900	540496.5	4581612
901	540499.41	4581619.7	951	540738	4582136	1001	540454.8	4582966
902	540505.29	4581624	952	540730.8	4582164	1002	540449.7	4582972
903	540520.47	4581629.4	953	540730.6	4582178	1003	540424.6	4582976
904	540525.52	4581632.9	954	540730.3	4582194	1004	540376.7	4582981
905	540539.35	4581641.2	955	540727.9	4582217	1005	540349.2	4582983
906	540552.01	4581654	956	540724.2	4582240	1006	540338.9	4582987
907	540558.15	4581663.7	957	540716.9	4582254	1007	540325.7	4582995
908	540562.46	4581672.1	958	540717.1	4582268	1008	540294	4583019
909	540565.98	4581681.4	959	540715.7	4582282	1009	540280.9	4583048
910	540572.8	4581686	960	540705.5	4582289	1010	540270.2	4583062
911	540586.44	4581688.2	961	540696.5	4582292	1011	540260.5	4583072
912	540592.97	4581691.5	962	540681.7	4582292	1012	540249.2	4583093
913	540598.86	4581694.9	963	540664.8	4582292	1013	540230.9	4583116
914	540603.25	4581699.6	964	540649	4582298	1014	540223.9	4583132
915	540604.66	4581705.4	965	540629.9	4582304	1015	540213.7	4583142
916	540604.81	4581711.3	966	540618.8	4582307	1016	540199.3	4583152
917	540600.81	4581723.5	967	540602.4	4582300	1017	540191.5	4583165
918	540598.91	4581729.3	968	540589.8	4582293	1018	540191.3	4583176
919	540598.85	4581734.3	969	540581.4	4582287	1019	540195.5	4583185
920	540603.33	4581738.5	970	540566.6	4582284	1020	540201.1	4583201



921	540609.13	4581738.4	971	540555	4582285	1021	540201	4583213
922	540616.07	4581733.4	972	540538.4	4582295	1022	540194.6	4583219
923	540625.94	4581726.4	973	540524.3	4582308	1023	540180.1	4583230
924	540646.97	4581716.8	974	540514.4	4582340	1024	540164.1	4583246
925	540660.27	4581710.9	975	540508.9	4582370	1025	540154.4	4583260
926	540669.37	4581702	976	540514.4	4582395	1026	540142.9	4583268
927	540676.61	4581694.2	977	540515.3	4582425	1027	540129.1	4583274
928	540687.06	4581683.4	978	540515.7	4582452	1028	540110.4	4583283
929	540695.61	4581676.1	979	540509.1	4582470	1029	540096	4583296
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931	540709.15	4581673.1	981	540507.8	4582495	1031	540077.7	4583325
932	540717.53	4581680.9	982	540489.4	4582530	1032	540072.2	4583342
933	540720.02	4581694.7	983	540478.5	4582552	1033	540095.3	4583339
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935	540715.45	4581746	985	540463.3	4582615	1035	540128.1	4583342
936	540710.47	4581782.2	986	540450.4	4582633	1036	540155	4583351
937	540707.41	4581826.6	987	540432.9	4582668	1037	540170.3	4583356
938	540709.65	4581852.9	988	540429.5	4582685	1038	540182.4	4583365
939	540713.7	4581868.6	989	540428.3	4582730	1039	540200.2	4583381
940	540714.84	4581880	990	540431	4582776	1040	540221.1	4583409
941	540713.9	4581888.5	991	540442.3	4582786	1041	540280.1	4583427
942	540709.56	4581896.9	992	540449.5	4582800	1042	540342.4	4583411
943	540704.35	4581908.3	993	540463.1	4582832	1043	540377.5	4583397
944	540704.92	4581928.9	994	540468.5	4582845	1044	540407.3	4583384
945	540707.65	4581948.8	995	540472	4582870	1045	540430.6	4583382
946	540720.83	4581981.6	996	540473.4	4582893	1046	540453.8	4583390
947	540727.28	4582010	997	540476.3	4582906	1047	540478	4583400
948	540734.61	4582059.1	998	540476.1	4582918	1048	540498.2	4583398
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950	540738.65	4582121.6	1000	540463	4582953	1050	540566.3	4583370
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1052	540615.74	4583395.7	1102	542576.8	4582283	1152	543473.2	4583570
1053	540626.99	4583429.7	1103	542597.1	4582285	1153	543476.2	4583604
1054	540642.56	4583457.4	1104	542631.2	4582265	1154	543460.4	4583653
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1056	540707.71	4583543.1	1106	542709.4	4582242	1156	543505.7	4583689
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1087	541771.76	4582355.9	1137	543206.2	4582963	1187	544237	4583666
1088	542060.31	4582308.4	1138	543243.9	4582996	1188	544254.8	4583657
1089	542168.61	4582282.1	1139	543264.7	4583034	1189	544271.9	4583654
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1091	542308.84	4582287.1	1141	543263.6	4583127	1191	544303.6	4583658
1092	542332.46	4582276.6	1142	543288	4583183	1192	544322.1	4583665
1093	542350.98	4582268.5	1143	543331.3	4583241	1193	544342.6	4583677
1094	542365.1	4582256	1144	543347.8	4583285	1194	544357.4	4583676
1095	542379.16	4582249.2	1145	543359.3	4583316	1195	544372.8	4583675
1096	542404.62	4582245	1146	543379.2	4583347	1196	544378.5	4583683
1097	542430.1	4582239	1147	543414.1	4583410	1197	544388.4	4583701
1098	542467.3	4582226.9	1148	543425.3	4583462	1198	544401.9	4583720
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1201	544444.18	4583774.9	1251	545149.4	4583849	1301	545841.8	4584343
1202	544452.98	4583792	1252	545180	4583854	1302	545834.9	4584353
1203	544466.98	4583817.5	1253	545258.2	4583873	1303	545825.5	4584367
1204	544486.64	4583839.2	1254	545306.8	4583875	1304	545793.7	4584370
1205	544511.85	4583856.5	1255	545326.1	4583855	1305	545772.6	4584364
1206	544519.69	4583865.5	1256	545342.3	4583830	1306	545766.8	4584356
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1209	544563.16	4583951.8	1259	545368.5	4583758	1309	545724.5	4584423
1210	544578.3	4583970.5	1260	545389	4583733	1310	545754.8	4584437
1211	544599.3	4583985.6	1261	545406.3	4583702	1311	545789.3	4584459
1212	544614.11	4583986.8	1262	545431.6	4583709	1312	545789.7	4584498



1213	544622.73	4583974.2	1263	545459	4583723	1313	545784.3	4584528
1214	544640.57	4583942.1	1264	545480	4583733	1314	545782.1	4584566
1215	544658.09	4583916.3	1265	545509.6	4583740	1315	545785.9	4584605
1216	544681.38	4583880.2	1266	545523.2	4583750	1316	545783	4584638
1217	544703.59	4583864.4	1267	545533.5	4583777	1317	545789.5	4584663
1218	544719.91	4583845.1	1268	545554.6	4583780	1318	545796.2	4584692
1219	544725.17	4583829	1269	545553.3	4583805	1319	545805.2	4584718
1220	544728.82	4583806.2	1270	545591.9	4583840	1320	545801.5	4584749
1221	544731.63	4583783.4	1271	545602.9	4583842	1321	545782.5	4584784
1222	544737.76	4583765.6	1272	545611.6	4583855	1322	545776.1	4584818
1223	544749.75	4583754.8	1273	545614.9	4583866	1323	545771.5	4584854
1224	544759.95	4583751.5	1274	545627	4583878	1324	545769.4	4584888
1225	544774.46	4583742.3	1275	545636.2	4583886	1325	545768.3	4584912
1226	544775.53	4583722.9	1276	545653	4583896	1326	545773.1	4584933
1227	544785.87	4583707.8	1277	545667.9	4583897	1327	545791.1	4584954
1228	544810.45	4583706.3	1278	545682.4	4583892	1328	545810.4	4584973
1229	544838.39	4583707.5	1279	545711.6	4583917	1329	545920.6	4585033
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1233	544907.16	4583620.2	1283	545794.4	4583992	1333	546049.3	4585045
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1236	544924.73	4583676.3	1286	545820.2	4584034	1336	546103.2	4585069
1237	544931.17	4583705.2	1287	545825	4584053	1337	546115.7	4585084
1238	544931.73	4583729.8	1288	545829.1	4584070	1338	546131.4	4585116
1239	544931.49	4583768.7	1289	545822.2	4584081	1339	546155	4585133
1240	544943.54	4583770.8	1290	545813.6	4584093	1340	546205.4	4585166
1241	544966.12	4583796.4	1291	545813.4	4584107	1341	546250.2	4585175
1242	544992.11	4583801.2	1292	545815.7	4584133	1342	546282.2	4585154
1243	545003	4583793.7	1293	545815.4	4584152	1343	546307.7	4585135
1244	545012.75	4583774.1	1294	545811	4584173	1344	546302.5	4585124
1245	545022.54	4583751.4	1295	545817	4584214	1345	546296.4	4585110
1246	545034.02	4583747.7	1296	545825.9	4584258	1346	546290	4585096
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1249	545111.41	4583813.4	1299	545848.4	4584289	1349	546258.5	4585011
1250	545105.59	4583833.3	1300	545845.4	4584328	1350	546248.6	4584985
1351	546223.44	4584913.5	1401	546168.5	4582655	1451	544957.1	4580573
1352	546181.46	4584794.7	1402	546141.4	4582575	1452	544947.1	4580560
1353	546180.28	4584741.5	1403	546106.1	4582513	1453	544914.8	4580518
1354	546187.13	4584609.7	1404	546082.6	4582470	1454	544910.5	4580512
1355	546189.53	4584562.3	1405	546035.8	4582406	1455	544856.5	4580455
1356	546194.05	4584472.5	1406	546033.8	4582403	1456	544800.9	4580416
1357	546196.06	4584413.9	1407	545998.3	4582342	1457	544727.9	4580391
1358	546180.63	4584364.4	1408	545962.9	4582281	1458	544691.9	4580384



1359	546164.86	4584348.9	1409	545897.3	4582188	1459	544661.3	4580379
1360	546143.7	4584328	1410	545856.2	4582168	1460	544655.6	4580378
1361	546084.16	4584259.1	1411	545827.2	4582158	1461	544605.3	4580377
1362	546068.45	4584240.9	1412	545755.2	4582136	1462	544554.2	4580355
1363	546060.67	4584228	1413	545692.7	4582115	1463	544507.8	4580328
1364	546004.31	4584134.9	1414	545616.3	4582075	1464	544417.9	4580262
1365	545988.92	4584081.4	1415	545590.4	4582024	1465	544318.7	4580190
1366	545986.06	4584047.9	1416	545585	4582000	1466	544252.6	4580137
1367	545985.4	4584040	1417	545572.6	4581945	1467	544188.9	4580103
1368	545985.92	4583994.7	1418	545541.9	4581827	1468	544137.9	4580072
1369	545994.91	4583907.2	1419	545541.2	4581824	1469	544116	4580050
1370	545993.63	4583894.6	1420	545526.7	4581763	1470	544103.6	4580037
1371	545987.72	4583836.4	1421	545493.6	4581736	1471	544095.4	4580026
1372	545980.44	4583773.7	1422	545488.3	4581734	1472	544102.3	4579996
1373	545953.37	4583722.4	1423	545423.9	4581712	1473	544099.7	4579950
1374	545946.51	4583709.4	1424	545380.7	4581697	1474	544116.4	4579875
1375	545933.28	4583680.7	1425	545324.3	4581663	1475	544127.9	4579842
1376	545916.51	4583650.4	1426	545290.4	4581637	1476	544126.7	4579810
1377	545877.04	4583603.3	1427	545280.2	4581627	1477	544108.1	4579770
1378	545833.15	4583579.5	1428	545250.1	4581580	1478	544092.6	4579740
1379	545829.32	4583577.4	1429	545242.9	4581568	1479	544060.2	4579694
1380	545774.69	4583525.1	1430	545193.7	4581438	1480	544087.4	4579656
1381	545730.15	4583490.8	1431	545171.4	4581405	1481	544095.6	4579632
1382	545694.25	4583444.2	1432	545153.6	4581379	1482	544096	4579598
1383	545692	4583437.9	1433	545134.7	4581351	1483	544092.6	4579553
1384	545688.67	4583428.5	1434	545098.4	4581296	1484	544093.1	4579511
1385	545680.04	4583404.1	1435	545056	4581231	1485	544096.2	4579468
1386	545675.08	4583372.1	1436	545032	4581190	1486	544106.3	4579397
1387	545675.49	4583336.1	1437	545007.2	4581147	1487	544105.6	4579345
1388	545689.12	4583310.9	1438	544975.6	4581100	1488	544057.3	4579177
1389	545740.46	4583254.2	1439	544948.9	4581061	1489	544057.7	4579145
1390	545797.34	4583204.8	1440	544919.4	4581017	1490	544066.4	4579024
1391	545825.35	4583180.6	1441	544881.5	4580946	1491	544069.1	4578986
1392	545907.88	4583116.5	1442	544879.2	4580917	1492	544010	4578894
1393	546002.16	4583037.6	1443	544916	4580845	1493	543924.8	4578819
1394	546084.21	4582978.6	1444	544943.1	4580787	1494	543833	4578723
1395	546127.27	4582945.8	1445	544961.2	4580748	1495	543726.1	4578625
1396	546142.4	4582906	1446	544983	4580688	1496	543657.9	4578509
1397	546179.98	4582816.3	1447	544987.4	4580675	1497	543593.6	4578383
1398	546185.57	4582776.4	1448	544990.4	4580644	1498	543570.8	4578257
1399	546187.46	4582745.7	1449	544984.1	4580610	1499	543469.6	4578185
1400	546187.72	4582723.1	1450	544967	4580586	1500	543416.8	4578149
1501	543377.06	4578130.7	1551	541828	4576891	1601	542377.2	4575349
1502	543288.36	4578129.7	1552	541847	4576801	1602	542381.5	4575345
1503	543190.63	4578141.9	1553	541846.9	4576759	1603	542396.4	4575310
1504	543137.05	4578172.3	1554	541846.8	4576725	1604	542405.3	4575289



1505	543039.01	4578211.1	1555	541835.8	4576682	1605	542406.3	4575286
1506	542985.08	4578272.6	1556	541828.1	4576653	1606	542421.7	4575223
1507	542885.61	4578435.5	1557	541821	4576627	1607	542450.3	4575108
1508	542804.5	4578545.5	1558	541820.7	4576626	1608	542451.3	4575102
1509	542692.08	4578677.3	1559	541773.3	4576594	1609	542457	4575068
1510	542318.23	4578913.6	1560	541768.6	4576590	1610	542470.7	4574987
1511	542285.46	4578934.3	1561	541690.4	4576536	1611	542470.6	4574980
1512	542240.19	4579013.6	1562	541663.9	4576508	1612	542470.5	4574968
1513	542221.99	4579053.3	1563	541642.7	4576485	1613	542470.4	4574951
1514	542043.71	4579126.7	1564	541642.7	4576485	1614	542470.3	4574935
1515	541923.29	4579183	1565	541646.2	4576454	1615	542469.9	4574872
1516	541793.8	4579256.9	1566	541656.2	4576439	1616	542471	4574837
1517	541769.88	4579271.9	1567	541671.7	4576416	1617	542473.1	4574771
1518	541731.25	4579296.1	1568	541693.9	4576387	1618	542473.1	4574770
1519	541664.88	4579282	1569	541694.3	4576387	1619	542473.1	4574769
1520	541640.26	4579108.7	1570	541698.9	4576385	1620	542473.2	4574673
1521	541605.9	4579010.7	1571	541749.4	4576360	1621	542467.8	4574649
1522	541598.36	4578895.3	1572	541759.6	4576355	1622	542463.2	4574629
1523	541599.64	4578784.4	1573	541760.8	4576354	1623	542450.9	4574607
1524	541592.25	4578655.7	1574	541761.8	4576356	1624	542433.4	4574576
1525	541563.1	4578491.3	1575	541766.1	4576352	1625	542432.7	4574573
1526	541586.19	4578411.7	1576	541771.4	4576351	1626	542430.7	4574565
1527	541593.45	4578352.6	1577	541777.3	4576352	1627	542425.3	4574544
1528	541595.99	4578332	1578	541785.2	4576352	1628	542424.8	4574533
1529	541618.98	4578261.2	1579	541795	4576352	1629	542423.7	4574508
1530	541682.76	4578115.6	1580	541796.5	4576351	1630	542423.7	4574507
1531	541515.6	4577993.9	1581	541822.3	4576305	1631	542424.2	4574506
1532	541427.41	4577948.5	1582	541870.4	4576140	1632	542434.8	4574476
1533	541339.83	4577849.9	1583	541907.6	4576071	1633	542447.1	4574458
1534	541238.48	4577791.1	1584	541907.9	4576070	1634	542454.6	4574447
1535	541199.18	4577737.4	1585	541966.6	4575991	1635	542492.4	4574409
1536	541155.24	4577701.4	1586	542024.4	4575895	1636	542493.6	4574408
1537	541115.94	4577647.7	1587	542025.1	4575893	1637	542509.4	4574393
1538	541156.31	4577608.3	1588	542043.9	4575838	1638	542522.4	4574381
1539	541254.7	4577538.4	1589	542044	4575838	1639	542539.6	4574368
1540	541358.5	4577384.4	1590	542045.8	4575836	1640	542560.6	4574351
1541	541457.15	4577292.4	1591	542128	4575744	1641	542585.5	4574331
1542	541488.71	4577248.4	1592	542162	4575698	1642	542587.6	4574330
1543	541582.21	4577218.4	1593	542172.8	4575684	1643	542591.1	4574327
1544	541649.35	4577166	1594	542172.2	4575683	1644	542666.2	4574270
1545	541707.72	4577104.5	1595	542208.8	4575606	1645	542667.9	4574269
1546	541765.94	4577056.4	1596	542234.2	4575552	1646	542671.6	4574249
1547	541789.38	4576985.6	1597	542275.7	4575458	1647	542673.6	4574239
1548	541798.11	4576959.2	1598	542282.7	4575442	1648	542674.5	4574235
1549	541826.21	4576899.4	1599	542292	4575433	1649	542663.8	4574108
1550	541829.93	4576893	1600	542334.5	4575391	1650	542660.9	4574081



1651	542644.27	4573997.1	1701	542800.7	4572739	1751	543049.2	4572017
1652	542614.35	4573925.4	1702	542802.6	4572737	1752	543038.1	4571997
1653	542585.21	4573881.2	1703	542803.6	4572737	1753	543034.9	4571991
1654	542547.21	4573844.5	1704	542812.5	4572733	1754	543002.8	4571933
1655	542526.88	4573798.2	1705	542824.7	4572727	1755	543001.8	4571931
1656	542506.69	4573739.7	1706	542833.7	4572721	1756	542997.3	4571923
1657	542500.73	4573708	1707	542843.5	4572715	1757	542996.5	4571922
1658	542495.31	4573679.2	1708	542856.7	4572708	1758	542972.7	4571887
1659	542492.82	4573656.1	1709	542870	4572702	1759	542968.5	4571881
1660	542487.38	4573605.6	1710	542872	4572701	1760	542964.8	4571876
1661	542500.67	4573500.3	1711	542873.9	4572700	1761	542940.2	4571845
1662	542520.28	4573418.2	1712	542886.5	4572696	1762	542908.3	4571799
1663	542553.16	4573327.4	1713	542906.4	4572690	1763	542906.8	4571797
1664	542579.31	4573276.1	1714	542917.4	4572687	1764	542883	4571761
1665	542598.87	4573237.7	1715	542956.7	4572671	1765	542829.5	4571543
1666	542607.09	4573221.6	1716	542964.1	4572668	1766	542814.8	4571486
1667	542622.64	4573189	1717	542964.7	4572668	1767	542814.2	4571485
1668	542634.53	4573164	1718	542965.9	4572669	1768	542810.4	4571478
1669	542635.21	4573162.6	1719	543021	4572648	1769	542800.8	4571461
1670	542634.78	4573156.5	1720	543061.9	4572606	1770	542793	4571405
1671	542634.27	4573149.4	1721	543062.9	4572605	1771	542818.4	4571270
1672	542635.81	4573125.8	1722	543076.7	4572591	1772	542845.6	4571098
1673	542637.81	4573095.1	1723	543093.2	4572574	1773	542842.2	4571020
1674	542638.27	4573088	1724	543098.3	4572551	1774	542842.2	4571020
1675	542641.32	4573059	1725	543100.3	4572541	1775	542841.7	4571015
1676	542645.33	4573021	1726	543107.6	4572508	1776	542836.7	4570968
1677	542645.66	4573017.8	1727	543107.9	4572506	1777	542836.4	4570966
1678	542646.69	4573012.1	1728	543111.8	4572488	1778	542836.2	4570964
1679	542655.05	4572965.2	1729	543111.8	4572487	1779	542841.1	4570955
1680	542658.08	4572938.9	1730	543111.8	4572469	1780	542842.5	4570952
1681	542658.71	4572933.4	1731	543111.9	4572467	1781	542844.1	4570949
1682	542662.13	4572922.5	1732	543112.1	4572378	1782	542855.2	4570936
1683	542663.81	4572917.8	1733	543112.1	4572368	1783	542857.9	4570932
1684	542672.34	4572894	1734	543110	4572358	1784	542869.7	4570916
1685	542680.26	4572874.4	1735	543108	4572348	1785	542874.6	4570907
1686	542687.69	4572858.9	1736	543104.8	4572332	1786	542886.5	4570887
1687	542688.13	4572858	1737	543104.8	4572317	1787	542888	4570882
1688	542693.78	4572851.5	1738	543104.6	4572260	1788	542888.1	4570881
1689	542700.37	4572843.8	1739	543104.6	4572255	1789	542895.6	4570853
1690	542702.79	4572839.1	1740	543103.3	4572248	1790	542895.7	4570853
1691	542708.23	4572828.6	1741	543089.7	4572184	1791	542906.7	4570836
1692	542718.13	4572818.9	1742	543089	4572181	1792	542908	4570834
1693	542719.34	4572817.7	1743	543089	4572181	1793	542908.6	4570782
1694	542722.89	4572812	1744	543085.1	4572147	1794	542909.1	4570733
1695	542729.41	4572801.4	1745	543085	4572147	1795	542909.3	4570720
1696	542741.78	4572792.5	1746	543074.7	4572106	1796	542911	4570711



1697	542750.44	4572786.2	1747	543073.4	4572100	1797	542917.6	4570679
1698	542762.66	4572774.3	1748	543070.9	4572092	1798	542922.1	4570657
1699	542779.26	4572758.1	1749	543052.4	4572028	1799	542922.6	4570631
1700	542782.64	4572754.8	1750	543050.7	4572022	1800	542923.6	4570586
1801	542924.41	4570550.6	1851	543160.2	4569621	1901	543279.3	4567071
1802	542927.19	4570537.7	1852	543156.1	4569580	1902	543275.5	4567021
1803	542934.78	4570502.6	1853	543152.7	4569546	1903	543341.4	4566942
1804	542942.19	4570468.2	1854	543152.3	4569542	1904	543345.8	4566914
1805	542948.42	4570439.4	1855	543146	4569528	1905	543355.7	4566849
1806	542948.43	4570439.3	1856	543118	4569467	1906	543355.6	4566848
1807	542948.46	4570439.2	1857	543113.4	4569456	1907	543349.3	4566732
1808	542948.54	4570438.9	1858	543090.8	4569403	1908	543270.7	4566656
1809	542948.66	4570438.3	1859	543089.2	4569400	1909	543252.2	4566588
1810	542948.76	4570437.8	1860	543064.1	4569313	1910	543249.6	4566578
1811	542949.07	4570433.4	1861	543073.5	4569239	1911	543239.2	4566556
1812	542952.47	4570383.9	1862	543090.3	4569108	1912	543224.2	4566525
1813	542953.07	4570375.1	1863	543090.5	4569107	1913	543211.7	4566476
1814	542953.72	4570365.7	1864	543097.7	4569036	1914	543203.3	4566444
1815	542954.04	4570361	1865	543099.6	4569025	1915	543210	4566411
1816	542950.97	4570347.3	1866	543108.3	4568975	1916	543210.1	4566411
1817	542950.61	4570345.7	1867	543163.2	4568879	1917	543213.6	4566405
1818	542945.58	4570323.1	1868	543234.6	4568784	1918	543254.4	4566334
1819	542941.51	4570304.9	1869	543326.5	4568665	1919	543266	4566321
1820	542939.4	4570296.3	1870	543326.6	4568665	1920	543286.1	4566299
1821	542937.6	4570289	1871	543379.4	4568550	1921	543318.1	4566264
1822	542936.33	4570283.8	1872	543456.1	4568422	1922	543335.9	4566244
1823	542913.76	4570191.8	1873	543457.3	4568420	1923	543391.6	4566181
1824	542897.59	4570126	1874	543508.8	4568334	1924	543434.4	4566081
1825	542897.46	4570125.4	1875	543545.8	4568266	1925	543441.3	4566065
1826	542897.45	4570125.2	1876	543607.4	4568159	1926	543492.6	4566020
1827	542895.11	4570093.5	1877	543667.3	4568110	1927	543542.1	4566032
1828	542895.05	4570092.8	1878	543719.3	4568074	1928	543545.8	4566033
1829	542891.63	4570046.4	1879	543754.6	4568057	1929	543562.6	4566038
1830	542890.81	4570035.3	1880	543721.4	4567987	1930	543567.3	4566035
1831	542892.06	4570028.7	1881	543719.1	4567978	1931	543568.4	4566034
1832	542902.51	4569972.9	1882	543705.6	4567928	1932	543621	4566007
1833	542911.72	4569935.6	1883	543654.4	4567858	1933	543689.4	4565945
1834	542929.95	4569878.7	1884	543623.1	4567813	1934	543748.6	4565844
1835	542989.32	4569776.2	1885	543559.4	4567722	1935	543744.7	4565759
1836	542997.08	4569769.7	1886	543513.3	4567648	1936	543788.2	4565660
1837	542999.23	4569766.5	1887	543467	4567585	1937	543813.7	4565549
1838	542999.44	4569766.1	1888	543400.6	4567527	1938	543857.3	4565484
1839	542999.97	4569765.3	1889	543360.5	4567481	1939	543860.4	4565480
1840	543023.48	4569729.8	1890	543346.7	4567456	1940	543860.7	4565476
1841	543027.58	4569723.6	1891	543304.6	4567378	1941	543871.8	4565330
1842	543029.48	4569720.7	1892	543341.4	4567330	1942	543887.6	4565221



1843	543037.24	4569713.8	1893	543369.8	4567243	1943	543876.7	4565112
1844	543087.72	4569668.6	1894	543356.3	4567186	1944	543898.1	4565045
1845	543094.93	4569662.2	1895	543356.2	4567186	1945	543909	4565035
1846	543103.63	4569656.7	1896	543345.1	4567172	1946	543983.6	4564971
1847	543146.94	4569629.5	1897	543301	4567114	1947	544059.1	4564919
1848	543152.05	4569626.3	1898	543300.3	4567113	1948	544154.2	4564850
1849	543156.67	4569623.4	1899	543282.7	4567099	1949	544215.4	4564790
1850	543157.31	4569623	1900	543281.4	4567098	1950	544298.5	4564711
1951	544339.57	4564642.2	2001	545131.9	4562486	2051	546204.4	4562070
1952	544342.91	4564636.5	2002	545134	4562481	2052	546272.8	4562015
1953	544377.77	4564549.9	2003	545169.1	4562404	2053	546290.6	4562003
1954	544385.66	4564494.3	2004	545227.2	4562398	2054	546355.7	4561956
1955	544375.64	4564431.7	2005	545295	4562393	2055	546433.4	4561925
1956	544373.25	4564416.8	2006	545299.2	4562392	2056	546489.3	4561904
1957	544389.48	4564367.4	2007	545355.7	4562368	2057	546569.3	4561876
1958	544402.57	4564326.5	2008	545410.8	4562345	2058	546597.9	4561888
1959	544408.76	4564320.6	2009	545411.8	4562345	2059	546635.5	4561908
1960	544423.3	4564306.8	2010	545412	4562345	2060	546603.2	4561985
1961	544449.77	4564282.3	2011	545413.3	4562346	2061	546593	4562019
1962	544527.29	4564271.1	2012	545452.4	4562361	2062	546589.1	4562033
1963	544527.65	4564270.6	2013	545452.5	4562361	2063	546588.4	4562035
1964	544561.67	4564229.8	2014	545452.7	4562362	2064	546588.1	4562036
1965	544581.24	4564206.4	2015	545455	4562374	2065	546589	4562040
1966	544628.3	4564110.2	2016	545457.8	4562388	2066	546590	4562044
1967	544625.08	4564028.4	2017	545457.9	4562388	2067	546602.8	4562098
1968	544622.68	4563967.4	2018	545461.7	4562407	2068	546605.2	4562115
1969	544611.74	4563875.5	2019	545465.3	4562433	2069	546606.4	4562123
1970	544616.79	4563827.1	2020	545468.4	4562456	2070	546608.8	4562140
1971	544620.93	4563812.7	2021	545466.6	4562474	2071	546610.9	4562155
1972	544628.14	4563787.5	2022	545466	4562481	2072	546623.9	4562192
1973	544640.99	4563742.7	2023	545465	4562491	2073	546624.8	4562195
1974	544629.08	4563687.9	2024	545461.2	4562527	2074	546634.3	4562223
1975	544615.72	4563626.3	2025	545459.5	4562543	2075	546639.3	4562226
1976	544600.86	4563563.8	2026	545461	4562544	2076	546641	4562227
1977	544592.65	4563529.3	2027	545466.9	4562548	2077	546647.9	4562232
1978	544594.29	4563509.2	2028	545475.6	4562552	2078	546655.6	4562237
1979	544595.7	4563422.2	2029	545504.2	4562569	2079	546657.9	4562239
1980	544601.07	4563368.4	2030	545506.1	4562570	2080	546659.2	4562240
1981	544600.38	4563297.3	2031	545508.9	4562571	2081	546677.5	4562252
1982	544610.5	4563244	2032	545515.4	4562575	2082	546752.5	4562253
1983	544616.78	4563219.1	2033	545595	4562588	2083	546818	4562237
1984	544621.44	4563200.7	2034	545672.6	4562570	2084	546819.1	4562236
1985	544630.4	4563165.2	2035	545717.2	4562524	2085	546886.3	4562184
1986	544652.37	4563081.4	2036	545738.7	4562503	2086	546892.7	4562047
1987	544686.87	4563012.9	2037	545792.7	4562433	2087	546914.3	4561989
1988	544733.87	4562921.5	2038	545844.1	4562380	2088	546921.8	4561968



1989	544750.51	4562879.3	2039	545899.6	4562292	2089	546941.9	4561928
1990	544753.8	4562871	2040	545915.8	4562252	2090	546959.7	4561892
1991	544754.07	4562869.7	2041	545931.9	4562213	2091	546989.6	4561818
1992	544762.75	4562831.7	2042	545933.7	4562209	2092	546998.8	4561773
1993	544814.55	4562845	2043	545941.7	4562202	2093	547004.4	4561745
1994	544865.42	4562838.4	2044	545948.1	4562195	2094	547004.1	4561710
1995	544897.83	4562754.1	2045	546073.1	4562197	2095	547003.8	4561669
1996	544916.07	4562748.9	2046	546077.6	4562197	2096	547003.8	4561625
1997	544987.6	4562728.5	2047	546079.1	4562197	2097	547005.3	4561613
1998	544987.86	4562728.3	2048	546079.6	4562197	2098	547008.2	4561590
1999	545062.3	4562647.2	2049	546140.8	4562135	2099	547003.7	4561577
2000	545104.36	4562565.4	2050	546148.8	4562127	2100	546992.8	4561546
2101	546978.67	4561513.2	2151	548551.7	4558583	2201	549931.8	4555607
2102	546982.31	4561406.8	2152	548576.5	4558565	2202	549974.3	4555570
2103	546984.8	4561368.2	2153	548627.3	4558528	2203	550017.3	4555533
2104	546988.96	4561303.7	2154	548673.9	4558473	2204	550035	4555499
2105	546990.44	4561225.5	2155	548725.5	4558401	2205	550051.7	4555466
2106	546955.39	4561118.7	2156	548754	4558341	2206	550066.7	4555437
2107	546953.69	4561115.2	2157	548791.3	4558288	2207	550080.3	4555364
2108	546927.9	4561062.1	2158	548864.2	4558219	2208	550081.3	4555359
2109	546898.69	4561002	2159	548906.8	4558096	2209	550088.6	4555319
2110	546905.46	4560978.6	2160	548933.7	4557944	2210	550090.8	4555254
2111	546911.28	4560958.6	2161	548876.6	4557863	2211	550092.4	4555205
2112	546947.89	4560927.7	2162	548875.6	4557861	2212	550118.1	4555073
2113	546965.01	4560913.2	2163	548862.5	4557798	2213	550157.7	4554988
2114	546970.91	4560903.9	2164	548859.6	4557784	2214	550180.8	4554875
2115	547029.05	4560812.4	2165	548856.8	4557706	2215	550134.5	4554799
2116	547103.47	4560755.2	2166	548872.9	4557573	2216	550121.5	4554778
2117	547181.46	4560702.9	2167	548907.5	4557480	2217	550103.7	4554826
2118	547249.81	4560648.1	2168	548913	4557461	2218	550096.2	4554847
2119	547267.85	4560628.3	2169	548913.7	4557459	2219	550045.3	4554915
2120	547309.78	4560582.4	2170	548939.8	4557366	2220	550017.3	4554926
2121	547311.04	4560581	2171	548993.5	4557237	2221	549987.8	4554943
2122	547312.9	4560576.7	2172	549000	4557221	2222	549979.7	4554956
2123	547350.81	4560487.2	2173	549051.2	4557101	2223	549932.9	4554983
2124	547392.05	4560399.9	2174	549089.8	4557098	2224	549902.2	4554992
2125	547442.23	4560282.8	2175	549220.7	4557087	2225	549853.7	4554999
2126	547480.8	4560188.5	2176	549225.1	4557079	2226	549809.2	4555005
2127	547507.46	4560143.2	2177	549275	4556993	2227	549777.3	4555006
2128	547526.52	4560107.8	2178	549354.3	4556820	2228	549766.2	4555012
2129	547557.07	4560085.6	2179	549395.8	4556781	2229	549745.4	4555027
2130	547590.49	4560055.6	2180	549488.8	4556693	2230	549726.3	4555030
2131	547590.29	4560015.9	2181	549490.6	4556690	2231	549713.1	4555024
2132	547613.4	4559961.9	2182	549536.8	4556621	2232	549699.5	4555011
2133	547663.61	4559852.7	2183	549572.1	4556518	2233	549678.5	4555000
2134	547732.41	4559737	2184	549599.7	4556409	2234	549615.3	4554969



2135	547807.92	4559640	2185	549608	4556317	2235	549603.7	4554963
2136	547824.66	4559618.6	2186	549597	4556225	2236	549566.7	4554957
2137	547841.64	4559596.8	2187	549590.5	4556160	2237	549527.7	4554939
2138	547849.78	4559583.1	2188	549616.3	4556131	2238	549479.2	4554925
2139	547884.78	4559523.8	2189	549644.4	4556100	2239	549420.2	4554915
2140	547919.66	4559464.7	2190	549650	4556097	2240	549394	4554918
2141	547944.76	4559423.6	2191	549746.7	4556054	2241	549374.9	4554918
2142	547977.25	4559370.4	2192	549785.4	4556036	2242	549345.5	4554915
2143	548047.96	4559265.7	2193	549903.5	4555965	2243	549328.9	4554910
2144	548125.34	4559170.8	2194	549913.7	4555914	2244	549306.8	4554903
2145	548186.77	4559086.8	2195	549888.7	4555873	2245	549284.6	4554896
2146	548264.44	4558957.1	2196	549866.8	4555837	2246	549265.7	4554883
2147	548313.97	4558856.1	2197	549825.9	4555771	2247	549238.9	4554870
2148	548351.47	4558750.1	2198	549828	4555724	2248	549191.5	4554848
2149	548427.22	4558636	2199	549829.1	4555700	2249	549168.6	4554834
2150	548443.78	4558629	2200	549875.3	4555659	2250	549142.6	4554818
2251	549118.2	4554796.1	2301	548551.1	4554220	2351	547888	4554318
2252	549099.28	4554783.9	2302	548542.8	4554221	2352	547885.1	4554313
2253	549082.74	4554771.8	2303	548510.4	4554217	2353	547880.9	4554304
2254	549072.56	4554759	2304	548497.5	4554215	2354	547871.7	4554298
2255	549064.11	4554734.3	2305	548487.8	4554211	2355	547870.1	4554292
2256	549063.51	4554717.6	2306	548475.1	4554206	2356	547871.8	4554288
2257	549062.21	4554692.2	2307	548466.3	4554219	2357	547880.1	4554281
2258	549054.46	4554676.2	2308	548457.3	4554234	2358	547890.3	4554278
2259	549046.66	4554663.4	2309	548446.1	4554242	2359	547871.2	4554268
2260	549033.58	4554636.8	2310	548441.6	4554250	2360	547868.9	4554267
2261	549024.82	4554622	2311	548434.3	4554263	2361	547854.4	4554247
2262	549014.58	4554614.7	2312	548423.4	4554282	2362	547835.3	4554210
2263	549004.27	4554613	2313	548418.2	4554289	2363	547812.2	4554210
2264	548992.74	4554615.1	2314	548399.7	4554308	2364	547607.1	4554214
2265	548937.48	4554621	2315	548385.3	4554316	2365	547574.1	4554247
2266	548913.59	4554626.2	2316	548366.2	4554321	2366	547526.7	4554264
2267	548874.06	4554610.7	2317	548346.7	4554320	2367	547472.3	4554226
2268	548851.26	4554591.4	2318	548322.7	4554307	2368	547462.5	4554221
2269	548809.48	4554563.9	2319	548291.1	4554294	2369	547399.9	4554222
2270	548787.46	4554545.4	2320	548272.6	4554284	2370	547275.7	4554277
2271	548773.38	4554527	2321	548242.5	4554279	2371	547174.1	4554363
2272	548757.21	4554505.3	2322	548219.8	4554284	2372	547162.9	4554372
2273	548755.05	4554486.2	2323	548200.2	4554292	2373	547005.3	4554400
2274	548758.63	4554451.3	2324	548185.8	4554302	2374	546939.9	4554445
2275	548767.2	4554395.9	2325	548141.1	4554336	2375	546883.7	4554500
2276	548766.61	4554378.4	2326	548132.6	4554342	2376	546780.5	4554608
2277	548768.44	4554357	2327	548117.9	4554353	2377	546708.4	4554706
2278	548781.44	4554331.7	2328	548097.9	4554368	2378	546699	4554720
2279	548793.67	4554304	2329	548090.2	4554375	2379	546718.6	4554737
2280	548796.96	4554271.5	2330	548070.8	4554382	2380	546721.1	4554742



2281	548793.92	4554258.8	2331	548049	4554392	2381	546721.5	4554743
2282	548786.95	4554243.6	2332	548036.8	4554391	2382	546726.1	4554753
2283	548772.79	4554232.3	2333	548034	4554390	2383	546691.1	4554791
2284	548758.56	4554226.6	2334	548031.5	4554388	2384	546677.1	4554795
2285	548744.29	4554224.1	2335	548024.7	4554383	2385	546648.9	4554804
2286	548704.18	4554217.1	2336	548013.1	4554376	2386	546645.5	4554810
2287	548682.55	4554215.5	2337	548003.6	4554372	2387	546649.9	4554814
2288	548666.41	4554208.7	2338	547994.7	4554367	2388	546650.6	4554815
2289	548647.76	4554190.6	2339	547974.5	4554359	2389	546661	4554820
2290	548632.99	4554180.1	2340	547965.7	4554350	2390	546661.2	4554820
2291	548620.84	4554172.1	2341	547957.8	4554344	2391	546677.8	4554825
2292	548610.05	4554164.5	2342	547952.6	4554338	2392	546678	4554825
2293	548596.47	4554162.2	2343	547948.4	4554334	2393	546708.1	4554833
2294	548586.54	4554162.4	2344	547941.1	4554335	2394	546708.2	4554833
2295	548577.22	4554167.3	2345	547929.5	4554336	2395	546716	4554834
2296	548569.48	4554172.5	2346	547923.2	4554334	2396	546711.6	4554859
2297	548566.44	4554178.1	2347	547911.3	4554332	2397	546679.6	4554864
2298	548565.3	4554182.3	2348	547903.7	4554330	2398	546662.8	4554870
2299	548559.89	4554200.5	2349	547899.5	4554325	2399	546643.6	4554880
2300	548555.42	4554216	2350	547893.2	4554322	2400	546626.7	4554892
2401	546619.38	4554893.4	2451	545856.8	4555205	2501	545812.7	4555528
2402	546617.89	4554891.6	2452	545856.7	4555217	2502	545789.5	4555557
2403	546610.65	4554883.3	2453	545859.7	4555226	2503	545788.8	4555559
2404	546591.69	4554927.1	2454	545867.1	4555239	2504	545787.6	4555559
2405	546605.88	4554939.8	2455	545870.3	4555242	2505	545785.2	4555562
2406	546598.37	4554951.8	2456	545871	4555247	2506	545718.7	4555644
2407	546587.09	4554968.7	2457	545870.6	4555261	2507	545707.4	4555708
2408	546559.44	4554990.7	2458	545875.7	4555275	2508	545693.8	4555745
2409	546549.35	4555004.4	2459	545882.4	4555288	2509	545665	4555745
2410	546541.28	4555016.3	2460	545897.2	4555317	2510	545651.6	4555746
2411	546504.03	4555044.4	2461	545895.7	4555335	2511	545634.9	4555754
2412	546487.23	4555054.5	2462	545898.2	4555343	2512	545620.2	4555770
2413	546477.29	4555055.6	2463	545910.3	4555351	2513	545598	4555800
2414	546467.79	4555053.5	2464	545928.7	4555364	2514	545586.6	4555817
2415	546457.91	4555049.4	2465	545945	4555377	2515	545573.2	4555828
2416	546449.58	4555048.6	2466	545956.4	4555391	2516	545551.7	4555859
2417	546438.02	4555052.8	2467	545968.9	4555410	2517	545546.9	4555874
2418	546430.81	4555057.9	2468	545973.5	4555423	2518	545527.6	4555898
2419	546422.37	4555067.3	2469	545975.5	4555439	2519	545472	4555962
2420	546415.08	4555079.5	2470	545979.5	4555465	2520	545430.1	4555993
2421	546401.08	4555088.1	2471	545982.4	4555483	2521	545406.3	4556029
2422	546388.66	4555091.1	2472	545985.5	4555487	2522	545348.9	4556094
2423	546370.73	4555096.8	2473	546002.7	4555503	2523	545318.8	4556122
2424	546356.7	4555108.6	2474	546008.9	4555513	2524	545283.1	4556149
2425	546343.39	4555114.4	2475	546016.7	4555527	2525	545218.5	4556200
2426	546327.48	4555117.5	2476	546024.9	4555536	2526	545122.8	4556273



2427	546294.95	4555125.7	2477	546035.2	4555544	2527	545032.1	4556339
2428	546259.09	4555137.2	2478	546047.8	4555549	2528	545021.4	4556347
2429	546208	4555148.5	2479	546055.7	4555556	2529	544990.6	4556357
2430	546171.51	4555156.7	2480	546062.7	4555564	2530	544926.3	4556363
2431	546130.38	4555165.5	2481	546066.2	4555573	2531	544888.4	4556377
2432	546091.23	4555174.3	2482	546067.7	4555581	2532	544852.7	4556377
2433	546068.03	4555178	2483	546074	4555593	2533	544844.8	4556376
2434	546046.17	4555179.8	2484	546079	4555607	2534	544791.5	4556402
2435	546024.9	4555188.1	2485	546087.2	4555617	2535	544745.1	4556444
2436	546007.61	4555195.2	2486	546098.5	4555635	2536	544721.5	4556380
2437	545983.35	4555207.3	2487	546107.4	4555653	2537	544689.6	4556305
2438	545965.93	4555203.4	2488	546122.4	4555674	2538	544674	4556278
2439	545924.35	4555181.8	2489	546111.3	4555692	2539	544628	4556206
2440	545911.25	4555170	2490	546091.4	4555690	2540	544606.8	4556181
2441	545901.87	4555157.2	2491	546060	4555661	2541	544571.4	4556156
2442	545893.5	4555148.1	2492	546013	4555606	2542	544563	4556161
2443	545882.91	4555148.5	2493	545978.9	4555580	2543	544552.5	4556152
2444	545870.75	4555147.3	2494	545958	4555555	2544	544542.7	4556143
2445	545860.15	4555147.7	2495	545941	4555539	2545	544534.9	4556133
2446	545850.05	4555151.3	2496	545911.5	4555539	2546	544523.1	4556121
2447	545841.49	4555159.1	2497	545908.4	4555539	2547	544503.5	4556097
2448	545831.37	4555164.8	2498	545898.7	4555540	2548	544483.2	4556077
2449	545858.07	4555183.4	2499	545890	4555538	2549	544462.8	4556065
2450	545856.51	4555195.6	2500	545874.8	4555538	2550	544455.7	4556055
2551	544444.66	4556034.3	2601	544225.1	4555583	2651	542887.5	4556154
2552	544439.03	4556018.4	2602	544220.6	4555565	2652	542872.5	4556149
2553	544422.84	4556010.3	2603	544210.8	4555557	2653	542847.2	4556142
2554	544416.67	4555994.3	2604	544195	4555554	2654	542813	4556143
2555	544408.55	4555965.6	2605	544181.8	4555551	2655	542795.5	4556146
2556	544403.66	4556002.9	2606	544163.3	4555548	2656	542729.5	4556143
2557	544399.18	4556031.9	2607	544148.1	4555539	2657	542726.3	4556129
2558	544375	4556069.6	2608	544136.4	4555526	2658	542719.2	4556112
2559	544352.06	4556130.5	2609	544126	4555505	2659	542713.4	4556098
2560	544345.31	4556165.4	2610	544118.3	4555485	2660	542707.7	4556083
2561	544341.93	4556182.8	2611	544114.6	4555472	2661	542699.8	4556067
2562	544325.72	4556212	2612	544107.8	4555457	2662	542691.3	4556055
2563	544306.95	4556255.4	2613	544101.3	4555448	2663	542686.9	4556035
2564	544299.16	4556242.7	2614	544024.9	4555530	2664	542680.5	4556022
2565	544304.18	4556220.5	2615	543887.5	4555625	2665	542672	4556010
2566	544305.16	4556203.8	2616	543857.4	4555688	2666	542664.9	4555990
2567	544307.74	4556186.4	2617	543823.8	4555780	2667	542663.1	4555977
2568	544307.21	4556164.1	2618	543769.1	4555878	2668	542657.4	4555956
2569	544299.48	4556145	2619	543717.9	4555916	2669	542645.7	4555936
2570	544289.46	4556118.7	2620	543665.5	4555915	2670	542616.1	4555890
2571	544282.57	4556096.3	2621	543651.2	4555915	2671	542609.1	4555880
2572	544279.6	4556078.8	2622	543617.6	4555933	2672	542604.4	4555869



2573	544276.6	4556062.9	2623	543600.1	4555938	2673	542591.6	4555816
2574	544276.81	4556044.7	2624	543559.2	4555958	2674	542599.8	4555787
2575	544277.07	4556022.4	2625	543531.5	4556010	2675	542600.1	4555763
2576	544276.5	4556002.6	2626	543531.4	4556021	2676	542598.8	4555741
2577	544271.94	4555985	2627	543498.8	4556082	2677	542597.4	4555725
2578	544264.16	4555970.7	2628	543418.6	4556115	2678	542594.3	4555713
2579	544262.75	4555955.6	2629	543392.1	4556114	2679	542581.8	4555686
2580	544266.11	4555939.7	2630	543360.4	4556111	2680	542578.1	4555665
2581	544260.44	4555926.1	2631	543307.3	4556126	2681	542555.7	4555651
2582	544258.3	4555904.7	2632	543234.6	4556152	2682	542546.5	4555639
2583	544253.77	4555884.8	2633	543206.6	4556164	2683	542536.1	4555625
2584	544253.92	4555871.3	2634	543186.7	4556175	2684	542524.4	4555609
2585	544254.97	4555849.1	2635	543162.7	4556188	2685	542512.5	4555603
2586	544253.64	4555826.8	2636	543140.4	4556195	2686	542499.4	4555597
2587	544246.72	4555806.9	2637	543123.7	4556191	2687	542483.6	4555592
2588	544238.93	4555794.1	2638	543103.1	4556189	2688	542468.5	4555580
2589	544231.17	4555778.1	2639	543081.6	4556193	2689	542457.4	4555562
2590	544216.25	4555762.8	2640	543064.9	4556197	2690	542452.3	4555544
2591	544209.2	4555754.8	2641	543048.9	4556204	2691	542447.2	4555527
2592	544201.4	4555742.8	2642	543030.7	4556202	2692	542432.9	4555511
2593	544195.97	4555730.8	2643	543014.9	4556199	2693	542404.7	4555490
2594	544196.28	4555703.8	2644	542995.9	4556187	2694	542397.5	4555477
2595	544194.06	4555690.1	2645	542979.4	4556178	2695	542390.4	4555460
2596	544193.51	4555680.2	2646	542969.1	4556169	2696	542382.1	4555435
2597	544207.61	4555662.5	2647	542959.8	4556152	2697	542362.6	4555406
2598	544213.13	4555642.7	2648	542941.7	4556139	2698	542341.7	4555386
2599	544222.04	4555616.3	2649	542918.7	4556140	2699	542340.7	4555344
2600	544224.91	4555596.5	2650	542897.8	4556154	2700	542352.7	4555306
2701	542363.23	4555222.8	2751	541562.3	4555233	2801	541058.2	4555666
2702	542370.12	4555176.3	2752	541555.4	4555237	2802	541048.2	4555664
2703	542377.22	4555110.8	2753	541540	4555246	2803	541040.3	4555661
2704	542396.76	4555068.6	2754	541517.5	4555264	2804	541031.8	4555659
2705	542395.95	4555047.4	2755	541510.1	4555271	2805	541023.9	4555657
2706	542385.77	4554995.7	2756	541502.7	4555282	2806	541014.9	4555654
2707	542382.79	4554990.1	2757	541497.2	4555306	2807	541006.5	4555649
2708	542376.43	4554990.8	2758	541486.5	4555317	2808	541002.4	4555641
2709	542337.49	4554993.1	2759	541469.1	4555331	2809	540999.5	4555612
2710	542291.4	4554996.2	2760	541441.7	4555353	2810	540996.8	4555579
2711	542252.76	4554995.4	2761	541424.6	4555361	2811	540991.7	4555554
2712	542227.87	4554995.7	2762	541421.7	4555384	2812	540981.8	4555541
2713	542193.01	4554988.9	2763	541426.2	4555411	2813	540970.1	4555535
2714	542179.76	4554990.4	2764	541423.4	4555419	2814	540952.7	4555532
2715	542165.39	4554997.1	2765	541414.8	4555435	2815	540946.3	4555530
2716	542136	4555020.6	2766	541399.1	4555458	2816	540938.5	4555525
2717	542103.62	4555028.1	2767	541380.5	4555465	2817	540930.1	4555519
2718	542081.2	4555043.8	2768	541334.3	4555481	2818	540925.9	4555511



2719	542055.17	4555051.9	2769	541310.9	4555493	2819	540919.7	4555497
2720	542044.6	4555050.2	2770	541306.5	4555507	2820	540914.2	4555472
2721	542011.96	4555034.5	2771	541300.1	4555551	2821	540904.7	4555465
2722	541992.81	4555026.4	2772	541296	4555584	2822	540886.8	4555457
2723	541994.36	4555145.5	2773	541285.1	4555612	2823	540871.1	4555446
2724	542001.5	4555215.1	2774	541279.8	4555621	2824	540857	4555427
2725	541983.59	4555218.9	2775	541280.1	4555635	2825	540848.8	4555407
2726	541968.94	4555227.3	2776	541274.5	4555668	2826	540834.5	4555402
2727	541956.86	4555241.7	2777	541269.1	4555692	2827	540823	4555395
2728	541946.89	4555245.6	2778	541252.5	4555721	2828	540814	4555394
2729	541929.71	4555243.4	2779	541246	4555728	2829	540807.6	4555399
2730	541920.4	4555247.3	2780	541239.3	4555729	2830	540800.6	4555403
2731	541897.98	4555251.2	2781	541231.8	4555726	2831	540792.1	4555404
2732	541885.81	4555251.1	2782	541222.7	4555716	2832	540783.1	4555404
2733	541875.73	4555252.6	2783	541195.1	4555700	2833	540763.1	4555397
2734	541858.76	4555255.6	2784	541186.1	4555694	2834	540717.9	4555370
2735	541851.91	4555252.8	2785	541183.2	4555698	2835	540687.9	4555357
2736	541840.78	4555253.2	2786	541180.8	4555702	2836	540663.3	4555352
2737	541825.34	4555245.8	2787	541177.2	4555701	2837	540656.2	4555351
2738	541809.76	4555234.9	2788	541173.7	4555699	2838	540643.5	4555349
2739	541801.37	4555227.9	2789	541164.3	4555690	2839	540590.7	4555383
2740	541785.12	4555213.4	2790	541160.7	4555686	2840	540561.5	4555407
2741	541759.85	4555182.9	2791	541156.6	4555669	2841	540516.7	4555436
2742	541738.43	4555158.3	2792	541153.6	4555661	2842	540487.6	4555475
2743	541724.15	4555156.6	2793	541145.7	4555658	2843	540465.8	4555530
2744	541711.98	4555156.5	2794	541134.6	4555651	2844	540439.8	4555579
2745	541699.2	4555162.7	2795	541128.2	4555653	2845	540415.1	4555612
2746	541681.56	4555177.3	2796	541119.2	4555659	2846	540413.9	4555624
2747	541654.9	4555193.9	2797	541114.9	4555660	2847	540413.6	4555654
2748	541615.66	4555199.8	2798	541099.6	4555660	2848	540395.9	4555715
2749	541597.1	4555201.7	2799	541078.9	4555661	2849	540389.2	4555749
2750	541577.87	4555217.4	2800	541066.7	4555666	2850	540387.8	4555779
2851	540392.24	4555805.4	2901	539980.2	4555705	2951	538993.8	4554714
2852	540398.95	4555820.8	2902	539981.4	4555666	2952	538967.8	4554676
2853	540398.84	4555830.3	2903	539985.8	4555633	2953	538941.7	4554643
2854	540397.16	4555838.3	2904	539987	4555626	2954	538898.7	4554606
2855	540394.2	4555865.8	2905	539985.9	4555620	2955	538886.2	4554583
2856	540393.88	4555893.3	2906	539980.5	4555609	2956	538871.5	4554537
2857	540388.84	4555917	2907	539973.1	4555596	2957	538861.3	4554542
2858	540381.8	4555931.3	2908	539972.4	4555590	2958	538836.4	4554553
2859	540358.6	4555969.1	2909	539970.1	4555583	2959	538806.7	4554561
2860	540343.46	4555996.5	2910	539965.9	4555575	2960	538634.8	4554624
2861	540325.58	4556031.7	2911	539944.9	4555561	2961	538586.7	4554658
2862	540305.1	4556063.3	2912	539922.3	4555549	2962	538552.9	4554694
2863	540290	4556088	2913	539911.7	4555547	2963	538515.6	4554765
2864	540284.56	4556100.1	2914	539903.2	4555548	2964	538479.9	4554828



2865	540270.61	4556116.9	2915	539877.2	4555554	2965	538406.1	4554896
2866	540241.58	4556154.6	2916	539855.5	4555556	2966	538356.3	4554946
2867	540209.39	4556192.4	2917	539842.3	4555555	2967	538324.1	4555002
2868	540190.97	4556228.2	2918	539815.4	4555547	2968	538364.4	4555128
2869	540182.54	4556224.9	2919	539777.4	4555534	2969	538398.1	4555238
2870	540174.12	4556220.6	2920	539748.9	4555527	2970	538423	4555284
2871	540156.31	4556204.5	2921	539727.2	4555522	2971	538432.4	4555294
2872	540134.5	4556167.2	2922	539716.2	4555518	2972	538460.9	4555334
2873	540122.37	4556117.3	2923	539707.3	4555506	2973	538462.1	4555337
2874	540110.03	4556085.4	2924	539705.7	4555490	2974	538433	4555388
2875	540108.29	4556052.5	2925	539701.1	4555474	2975	538423.4	4555413
2876	540094.9	4556023.5	2926	539689.2	4555453	2976	538378.4	4555464
2877	540094.13	4555998.6	2927	539673.5	4555431	2977	538343	4555498
2878	540094.27	4555985.9	2928	539669.9	4555422	2978	538331.1	4555527
2879	540103.98	4555970.6	2929	539668.5	4555413	2979	538292.3	4555582
2880	540111.08	4555951.7	2930	539665.9	4555404	2980	538283.9	4555615
2881	540110.69	4555939	2931	539659.2	4555392	2981	538210.6	4555642
2882	540105.91	4555913.2	2932	539654	4555381	2982	538172.9	4555696
2883	540096.63	4555891.4	2933	539654.4	4555344	2983	538134.7	4555706
2884	540085.3	4555863.8	2934	539653.1	4555332	2984	538067.9	4555714
2885	540077.98	4555855.2	2935	539649.2	4555320	2985	537891	4555816
2886	540072.71	4555853	2936	539636.2	4555302	2986	537886.9	4555820
2887	540060.03	4555850.8	2937	539611.3	4555284	2987	537856.5	4555859
2888	540045.24	4555847.9	2938	539595.7	4555230	2988	537843.7	4555867
2889	540029.94	4555844.1	2939	539564.6	4555169	2989	537787.1	4555880
2890	540021.53	4555838.7	2940	539562.7	4555106	2990	537757	4555887
2891	540018.49	4555826.5	2941	539529.4	4555010	2991	537737.2	4555896
2892	540020.75	4555813.8	2942	539496.5	4554880	2992	537716.2	4555916
2893	540027.41	4555787.4	2943	539457.6	4554808	2993	537709.9	4555926
2894	540025.96	4555775.2	2944	539348.2	4554755	2994	537701.2	4555940
2895	540024.51	4555763.5	2945	539261	4554770	2995	537686.5	4555967
2896	540014.06	4555751.2	2946	539245.3	4554760	2996	537676.4	4555991
2897	539998.84	4555739.2	2947	539194.8	4554728	2997	537670.2	4556002
2898	539988.2	4555732.7	2948	539151.5	4554718	2998	537664.6	4556006
2899	539984.71	4555725.1	2949	539096.3	4554728	2999	537657.4	4556012
2900	539982.02	4555717.2	2950	539011.1	4554732	3000	537624.4	4556027
3001	537559.3	4556029	3051	536382.6	4556900	3101	535914.6	4557128
3002	537503.01	4556030.1	3052	536379.2	4556917	3102	535909.7	4557136
3003	537407.64	4556067	3053	536364.3	4556910	3103	535900.8	4557131
3004	537312.53	4556132.3	3054	536334.6	4556934	3104	535890.2	4557129
3005	537218.14	4556172.3	3055	536280.5	4556973	3105	535876.9	4557132
3006	537000.69	4556076.9	3056	536255	4556988	3106	535871	4557140
3007	536828.42	4556101.4	3057	536239.8	4556997	3107	535870.4	4557148
3008	536728.45	4556141.7	3058	536227.1	4557000	3108	535870.8	4557159
3009	536679	4556172.2	3059	536210.8	4557000	3109	535872.3	4557169
3010	536648.93	4556197.7	3060	536200.1	4556998	3110	535872.2	4557178



3011	536617.5	4556225.8	3061	536193.7	4556997	3111	535866.7	4557189
3012	536609.5	4556243.2	3062	536178.7	4556996	3112	535861.4	4557196
3013	536602.55	4556248.9	3063	536166.7	4556998	3113	535851.7	4557206
3014	536548.15	4556283.2	3064	536154.4	4557001	3114	535838.3	4557207
3015	536492.14	4556320.7	3065	536148.4	4557004	3115	535829.7	4557207
3016	536490.86	4556339.6	3066	536149.9	4557016	3116	535820.4	4557207
3017	536476.07	4556360	3067	536149.8	4557023	3117	535806.5	4557206
3018	536430.27	4556412.2	3068	536146.1	4557028	3118	535788.7	4557203
3019	536399.92	4556464.1	3069	536136.2	4557030	3119	535774.1	4557201
3020	536384.13	4556452.3	3070	536126.7	4557031	3120	535762.2	4557203
3021	536365.48	4556438.1	3071	536121	4557035	3121	535754.9	4557205
3022	536344.71	4556456.6	3072	536114.2	4557042	3122	535749.5	4557211
3023	536336.31	4556468.4	3073	536106.6	4557047	3123	535745.5	4557220
3024	536330.23	4556479.3	3074	536103.7	4557058	3124	535742.7	4557231
3025	536320.32	4556506	3075	536102	4557071	3125	535741.9	4557240
3026	536315.19	4556520.5	3076	536101.8	4557082	3126	535738.5	4557249
3027	536304.86	4556527.3	3077	536099.4	4557089	3127	535731.8	4557259
3028	536298.84	4556532.5	3078	536095	4557090	3128	535715.8	4557270
3029	536293.31	4556540.4	3079	536085.9	4557087	3129	535703.9	4557270
3030	536293.62	4556555	3080	536077.2	4557083	3130	535681.4	4557267
3031	536294.18	4556564.3	3081	536067.7	4557082	3131	535662.9	4557266
3032	536299.35	4556575.2	3082	536062.2	4557079	3132	535651.2	4557265
3033	536301.23	4556583.9	3083	536060.3	4557071	3133	535632.1	4557271
3034	536304.62	4556600.7	3084	536059.2	4557065	3134	535604.3	4557295
3035	536300.52	4556612.6	3085	536056	4557060	3135	535572.2	4557323
3036	536285.23	4556618.4	3086	536051.3	4557060	3136	535633.8	4557432
3037	536282.57	4556619.7	3087	536041.8	4557058	3137	535699.5	4557588
3038	536274.77	4556629.1	3088	536035	4557055	3138	535773.7	4557688
3039	536269.01	4556648	3089	536025.5	4557055	3139	535781.3	4557720
3040	536267.99	4556679	3090	536018.4	4557055	3140	535753.2	4557729
3041	536275.1	4556693.7	3091	536012.8	4557060	3141	535661.8	4557758
3042	536284.1	4556716.3	3092	536009.5	4557071	3142	535550.3	4557793
3043	536295.27	4556723.7	3093	535997.4	4557079	3143	535451.2	4557776
3044	536327.36	4556753.2	3094	535983.8	4557096	3144	535384.3	4557731
3045	536337.72	4556772.5	3095	535977.3	4557104	3145	535320.9	4557778
3046	536340.97	4556777.8	3096	535967.7	4557108	3146	535264.1	4557827
3047	536348.92	4556795.7	3097	535955.5	4557114	3147	535266.9	4557870
3048	536371.38	4556845.4	3098	535941.2	4557116	3148	535236.8	4557903
3049	536378.37	4556863.6	3099	535929.5	4557117	3149	535107.8	4557901
3050	536379.21	4556872.5	3100	535921.5	4557119	3150	535054.2	4557960
3151	535046.47	4558059.1	3201	534944	4558621	3251	534199.2	4558928
3152	535022.18	4558158.1	3202	534949.8	4558624	3252	534198.4	4558933
3153	534878.34	4558346.4	3203	534957.7	4558633	3253	534189.5	4558952
3154	534850.8	4558306.7	3204	534961.3	4558641	3254	534172	4559021
3155	534830.98	4558282.1	3205	534965.5	4558653	3255	534172.5	4559069
3156	534794.17	4558261.6	3206	534967.7	4558664	3256	534174.8	4559141



3157	534764.65	4558251.7	3207	534969	4558670	3257	534174.2	4559152
3158	534733.02	4558240.8	3208	534975.8	4558686	3258	534179.6	4559180
3159	534691.85	4558231.8	3209	534980.2	4558693	3259	534183.8	4559189
3160	534675.76	4558250.6	3210	535005.8	4558727	3260	534207.7	4559229
3161	534666.09	4558263.2	3211	535036	4558752	3261	534224.3	4559255
3162	534654.19	4558285.3	3212	535056.5	4558771	3262	534235.6	4559283
3163	534646.6	4558301	3213	535064.3	4558781	3263	534239.4	4559299
3164	534635.7	4558328.4	3214	535075.5	4558790	3264	534234.2	4559315
3165	534634.77	4558330.5	3215	535091.9	4558800	3265	534217.1	4559328
3166	534624.96	4558339.1	3216	535100.3	4558814	3266	534183.9	4559359
3167	534618.51	4558347.9	3217	535098.1	4558831	3267	534176.9	4559368
3168	534617.45	4558356.9	3218	535092	4558849	3268	534169.5	4559385
3169	534623.97	4558369.9	3219	535084.5	4558863	3269	534167.9	4559393
3170	534626.67	4558377.5	3220	535074.4	4558882	3270	534168.9	4559405
3171	534628.27	4558379	3221	535069.6	4558897	3271	534168.2	4559419
3172	534632.47	4558380.8	3222	535065.5	4558912	3272	534166.9	4559438
3173	534634.25	4558381.1	3223	535066.9	4558936	3273	534157.6	4559462
3174	534643.22	4558380.3	3224	535061.7	4558938	3274	534156.6	4559464
3175	534657.37	4558376.8	3225	535037.6	4558947	3275	534154.6	4559476
3176	534665.44	4558375.7	3226	534809.9	4559051	3276	534153	4559479
3177	534669.24	4558376.1	3227	534779.9	4559074	3277	534148.2	4559490
3178	534674.18	4558377.9	3228	534763	4559073	3278	534137.8	4559503
3179	534677.71	4558380.5	3229	534739.8	4559072	3279	534137.6	4559505
3180	534681.65	4558384.3	3230	534697.3	4559070	3280	534140.2	4559511
3181	534685.07	4558388.3	3231	534618.6	4559013	3281	534152.9	4559527
3182	534688.56	4558393.1	3232	534513.4	4558955	3282	534157.5	4559540
3183	534692.05	4558399.3	3233	534354.6	4558941	3283	534159.1	4559583
3184	534694.95	4558406.4	3234	534343.3	4558930	3284	534157.7	4559617
3185	534697.12	4558413.3	3235	534331.4	4558923	3285	534152	4559653
3186	534701.38	4558431.3	3236	534319.2	4558915	3286	534146.1	4559701
3187	534704.75	4558439	3237	534307.8	4558912	3287	534149.5	4559744
3188	534711.65	4558447.4	3238	534295.1	4558910	3288	534149	4559780
3189	534723.38	4558458.1	3239	534285.6	4558908	3289	534142.5	4559794
3190	534741.8	4558467.5	3240	534280.1	4558903	3290	534129.5	4559801
3191	534753.89	4558480.6	3241	534271.5	4558893	3291	534084.4	4559806
3192	534808.87	4558530.8	3242	534257.6	4558887	3292	534035.4	4559810
3193	534826.86	4558548.3	3243	534240.2	4558886	3293	534010.3	4559805
3194	534832.57	4558558.4	3244	534230.7	4558881	3294	533987	4559791
3195	534846.14	4558575	3245	534221.3	4558875	3295	533973.6	4559782
3196	534879.72	4558600.2	3246	534212.2	4558870	3296	533940.8	4559754
3197	534906.75	4558619.8	3247	534204.6	4558874	3297	533917.1	4559743
3198	534915.86	4558621.7	3248	534207.6	4558887	3298	533868.9	4559726
3199	534920.15	4558621.3	3249	534208.2	4558905	3299	533824.1	4559712
3200	534935.05	4558619.9	3250	534206.9	4558914	3300	533787.3	4559692
3301	533745.42	4559651.4	3351	533299	4559770	3401	533431.8	4560059
3302	533702.26	4559608.5	3352	533303.6	4559777	3402	533423.4	4560057



3303	533673.84	4559548.7	3353	533306.2	4559784	3403	533415.1	4560059
3304	533668.68	4559516.7	3354	533306.1	4559788	3404	533405.6	4560060
3305	533662.72	4559479.8	3355	533305.6	4559790	3405	533401.6	4560059
3306	533647.35	4559435.9	3356	533308.1	4559799	3406	533394.5	4560055
3307	533614.78	4559411.1	3357	533310.8	4559807	3407	533365	4560048
3308	533551.44	4559397.2	3358	533312.9	4559815	3408	533358.5	4560049
3309	533507.2	4559390.1	3359	533315.9	4559821	3409	533352.4	4560052
3310	533397.24	4559345.8	3360	533319.8	4559827	3410	533350	4560053
3311	533359.69	4559332.1	3361	533323.8	4559832	3411	533342.7	4560058
3312	533340.48	4559334.6	3362	533328.2	4559836	3412	533336	4560062
3313	533322.51	4559344.3	3363	533337.8	4559841	3413	533328.4	4560067
3314	533301.91	4559352.6	3364	533357.5	4559849	3414	533321.7	4560070
3315	533282.62	4559361.7	3365	533383	4559856	3415	533312.1	4560071
3316	533252.86	4559361.3	3366	533389.6	4559860	3416	533307.1	4560074
3317	533192.41	4559360.3	3367	533393.1	4559861	3417	533303.4	4560084
3318	533190.83	4559372	3368	533397.5	4559861	3418	533300.3	4560096
3319	533186.06	4559384.5	3369	533405.6	4559859	3419	533298.2	4560106
3320	533172.61	4559406.9	3370	533411.9	4559856	3420	533288.2	4560121
3321	533165.15	4559419.3	3371	533420.2	4559853	3421	533284.3	4560124
3322	533161.01	4559434.5	3372	533428.4	4559852	3422	533276	4560134
3323	533163.42	4559455	3373	533432.5	4559854	3423	533266.1	4560158
3324	533167.9	4559467.6	3374	533437.9	4559857	3424	533265.1	4560164
3325	533179.59	4559486.3	3375	533444	4559862	3425	533265.1	4560175
3326	533189.99	4559502.9	3376	533450	4559868	3426	533269.9	4560191
3327	533200.39	4559518.9	3377	533454.7	4559875	3427	533278.6	4560204
3328	533216.11	4559533.1	3378	533458.9	4559882	3428	533283.5	4560210
3329	533237.78	4559553	3379	533462.7	4559892	3429	533302.8	4560222
3330	533244.73	4559569.4	3380	533466.6	4559899	3430	533308.5	4560228
3331	533250.2	4559577	3381	533470.5	4559906	3431	533306.7	4560235
3332	533257.26	4559584.6	3382	533472.9	4559913	3432	533302.6	4560240
3333	533265.53	4559589.9	3383	533473.4	4559917	3433	533300.6	4560243
3334	533275.4	4559595.1	3384	533472.8	4559929	3434	533299.2	4560247
3335	533284.07	4559600	3385	533472.7	4559937	3435	533298.9	4560251
3336	533291.15	4559605.6	3386	533472.5	4559943	3436	533300.1	4560261
3337	533295.82	4559613.6	3387	533472.6	4559948	3437	533295.7	4560269
3338	533295.74	4559620.8	3388	533473.5	4559952	3438	533287.6	4560278
3339	533292.03	4559632.6	3389	533474.6	4559956	3439	533270.8	4560287
3340	533283.51	4559649.2	3390	533475.3	4559959	3440	533267	4560290
3341	533275.41	4559663	3391	533476.9	4559963	3441	533253.9	4560299
3342	533268.12	4559676	3392	533478	4559970	3442	533248.2	4560306
3343	533265.99	4559680	3393	533475.7	4560001	3443	533247.2	4560309
3344	533261.74	4559698.2	3394	533471.4	4560018	3444	533247.4	4560319
3345	533261.63	4559707.8	3395	533469.2	4560027	3445	533248.2	4560325
3346	533263.64	4559717.6	3396	533466.3	4560037	3446	533253	4560335
3347	533266.7	4559727.1	3397	533461.4	4560048	3447	533259.6	4560343
3348	533269.8	4559733.5	3398	533455.3	4560058	3448	533269.7	4560356



3349	533276.14	4559741.9	3399	533444.4	4560062	3449	533279.9	4560371
3350	533291.54	4559759	3400	533437.3	4560060	3450	533294.7	4560394
3451	533300.05	4560412.9	3501	531761.5	4562130	3551	531251.3	4562397
3452	533299.78	4560435.9	3502	531736	4562160	3552	531237	4562394
3453	533291.56	4560460.4	3503	531738.9	4562189	3553	531230.7	4562385
3454	533284.19	4560480.2	3504	531736	4562236	3554	531229.3	4562370
3455	533286.25	4560508	3505	531734.1	4562265	3555	531236.4	4562350
3456	533279.9	4560537.1	3506	531717.8	4562297	3556	531244.6	4562333
3457	533252.83	4560549.3	3507	531707.1	4562327	3557	531243.7	4562322
3458	533170.35	4560577.1	3508	531695.7	4562354	3558	531234.3	4562309
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3460	532976.13	4560677.6	3510	531662.7	4562395	3560	531218.2	4562281
3461	532971.07	4560686.9	3511	531624.3	4562419	3561	531197.7	4562270
3462	532929.95	4560763.3	3512	531592.9	4562452	3562	531182.1	4562266
3463	532871.92	4560860.1	3513	531570.6	4562477	3563	531170.6	4562256
3464	532833.68	4560919.1	3514	531534.6	4562498	3564	531160.6	4562250
3465	532821.54	4560937.8	3515	531502.6	4562520	3565	531148.9	4562248
3466	532771.09	4561003.8	3516	531473.8	4562541	3566	531138.4	4562245
3467	532728.7	4561118.4	3517	531452.9	4562564	3567	531127.3	4562247
3468	532690.5	4561224.7	3518	531443.9	4562567	3568	531118.2	4562253
3469	532677.37	4561288	3519	531439.7	4562561	3569	531106.5	4562260
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3471	532677.81	4561424.8	3521	531430.9	4562548	3571	531091.5	4562275
3472	532682.62	4561461	3522	531424.3	4562540	3572	531084	4562281
3473	532683.09	4561464.5	3523	531422	4562527	3573	531074.8	4562292
3474	532694.94	4561553.4	3524	531417.7	4562515	3574	531064.8	4562293
3475	532709.68	4561701.5	3525	531417.6	4562500	3575	531054.2	4562296
3476	532700.37	4561795.8	3526	531408.8	4562483	3576	531045.1	4562301
3477	532690.69	4561923.1	3527	531399.8	4562466	3577	531036	4562311
3478	532658	4561896	3528	531395.3	4562459	3578	531020	4562317
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3480	532553.49	4561776.2	3530	531389.8	4562445	3580	531004.2	4562315
3481	532522.44	4561714.5	3531	531391.9	4562435	3581	530995.3	4562307
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3483	532453.37	4561643.8	3533	531401.9	4562428	3583	530977.9	4562294
3484	532417.8	4561604.3	3534	531410.8	4562428	3584	530968.3	4562303
3485	532395.41	4561563.1	3535	531423.1	4562425	3585	530958.7	4562310
3486	532353	4561532.5	3536	531430.2	4562418	3586	530944.8	4562323
3487	532330.38	4561526.9	3537	531437.9	4562409	3587	530931.5	4562329
3488	532317.1	4561523.6	3538	531443.3	4562400	3588	530920.3	4562331
3489	532231.95	4561562.9	3539	531449.4	4562388	3589	530913.4	4562334
3490	532197.78	4561587.9	3540	531450.5	4562378	3590	530894.8	4562344
3491	532089.09	4561648.1	3541	531447.3	4562369	3591	530867.4	4562358
3492	532018.78	4561685.4	3542	531438.1	4562363	3592	530857.4	4562364
3493	531971.44	4561750.5	3543	531427.5	4562361	3593	530846.1	4562368
3494	531934.6	4561824.2	3544	531414.6	4562364	3594	530833.8	4562368



3495	531953.21	4561862.5	3545	531399.9	4562370	3595	530825.3	4562367
3496	531954.63	4561923.9	3546	531385.6	4562377	3596	530814.1	4562363
3497	531939.44	4561955.5	3547	531365.4	4562383	3597	530799.9	4562361
3498	531924.35	4561978.7	3548	531339.2	4562387	3598	530791.6	4562362
3499	531853.82	4562035	3549	531304.8	4562391	3599	530782.3	4562363
3500	531802.32	4562093.7	3550	531274	4562396	3600	530771.6	4562368
3601	530770.91	4562374.4	3651	530947.8	4562845	3701	530442	4563655
3602	530775.17	4562384.8	3652	530946.7	4562854	3702	530446.1	4563663
3603	530781.47	4562389.3	3653	530946.6	4562861	3703	530446.6	4563671
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3605	530783.69	4562403.4	3655	530948.5	4562881	3705	530432.6	4563689
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3607	530788.55	4562418.3	3657	530952.5	4562897	3707	530411.7	4563721
3608	530788.44	4562427.8	3658	530953.5	4562903	3708	530402.3	4563733
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3610	530796.64	4562451.2	3660	530940.6	4562933	3710	530385.8	4563734
3611	530801.52	4562464.7	3661	530938.1	4562947	3711	530382.1	4563739
3612	530805.46	4562467.2	3662	530938.3	4562958	3712	530373.3	4563750
3613	530809.94	4562468.3	3663	530943	4562966	3713	530341	4563775
3614	530808.95	4562474.6	3664	530949.7	4562973	3714	530293.9	4563851
3615	530809.26	4562481.8	3665	530951.2	4562981	3715	530123.7	4563967
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3617	530818.05	4562511.6	3667	530947.4	4563001	3717	530108.6	4563950
3618	530822.72	4562519.6	3668	530947.7	4563009	3718	530097	4563947
3619	530829.81	4562524.9	3669	530947.9	4563021	3719	530083.3	4563939
3620	530839.66	4562531.4	3670	530941.4	4563024	3720	530070.2	4563931
3621	530842.34	4562540.1	3671	530916.7	4563050	3721	530059.7	4563926
3622	530845.41	4562548.9	3672	530887.9	4563069	3722	530056.2	4563927
3623	530851.27	4562557.7	3673	530851.5	4563097	3723	530051.2	4563927
3624	530859.18	4562560.2	3674	530837.6	4563101	3724	530037.2	4563945
3625	530868.66	4562564.2	3675	530808.9	4563119	3725	530025.3	4563965
3626	530873.98	4562573.7	3676	530796.3	4563126	3726	529999.1	4563989
3627	530873.49	4562582	3677	530778.3	4563146	3727	529967.1	4564006
3628	530869.43	4562589.9	3678	530763.5	4563159	3728	529942.6	4564019
3629	530863.42	4562594.6	3679	530742.2	4563170	3729	529903.7	4564038
3630	530853.82	4562600.5	3680	530708.3	4563179	3730	529884.7	4564040
3631	530840.66	4562605.5	3681	530701.6	4563182	3731	529858.6	4564038
3632	530832.65	4562611.7	3682	530663.7	4563202	3732	529824.4	4564041
3633	530828.55	4562623.2	3683	530659.1	4563215	3733	529795.8	4564036
3634	530828.37	4562638.3	3684	530610.9	4563240	3734	529753.8	4564030
3635	530822.05	4562670	3685	530585.6	4563251	3735	529714.9	4564028
3636	530823.08	4562684.3	3686	530582.9	4563256	3736	529648.9	4564025
3637	530830.16	4562690.3	3687	530580.2	4563264	3737	529618.5	4564016
3638	530842.95	4562694.1	3688	530576.1	4563275	3738	529599.1	4564011
3639	530852.8	4562700.8	3689	530561.4	4563311	3739	529571	4564003
3640	530856.66	4562710.8	3690	530514	4563359	3740	529525.6	4563992



3641	530862.43	4562726.8	3691	530465.9	4563407	3741	529486.1	4563989
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3645	530911.92	4562792.1	3695	530428.1	4563574	3745	529415.6	4563994
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3647	530930.75	4562811.9	3697	530440.9	4563609	3747	529381.4	4564024
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3649	530937.94	4562831	3699	530434.3	4563636	3749	529364	4564021
3650	530942.63	4562837.9	3700	530435.7	4563646	3750	529352.4	4564012
3751	529338.75	4564004.4	3801	528823.6	4564917	3851	528596.8	4564846
3752	529306.95	4563986.4	3802	528818.2	4564924	3852	528585	4564852
3753	529279.86	4563982.8	3803	528807.4	4564934	3853	528574.6	4564854
3754	529263.29	4563985.2	3804	528798.6	4564940	3854	528555.4	4564855
3755	529240.68	4563994.9	3805	528790.7	4564944	3855	528535	4564854
3756	529261.4	4564034.2	3806	528780.5	4564951	3856	528515.4	4564857
3757	529280.55	4564038.4	3807	528775.5	4564952	3857	528502.8	4564860
3758	529301.22	4564082.3	3808	528769.4	4564961	3858	528484	4564865
3759	529323.05	4564111.8	3809	528767.9	4564978	3859	528445.8	4564883
3760	529335.61	4564141.7	3810	528764	4564991	3860	528366.9	4564915
3761	529345.93	4564164.3	3811	528759.8	4564995	3861	528351.5	4564926
3762	529342.41	4564183.5	3812	528753.5	4564997	3862	528335.9	4564945
3763	529342.7	4564186.5	3813	528744.8	4564999	3863	528324.9	4564962
3764	529348.57	4564200.1	3814	528738.5	4564996	3864	528312.2	4564972
3765	529356.23	4564225.6	3815	528711.7	4564974	3865	528302.2	4564973
3766	529325.71	4564253.9	3816	528702.7	4564961	3866	528293.1	4564971
3767	529314.15	4564278	3817	528703.2	4564954	3867	528286.9	4564966
3768	529267.03	4564276.5	3818	528707	4564945	3868	528285.3	4564958
3769	529256.5	4564318.6	3819	528724.8	4564924	3869	528285.5	4564941
3770	529239.09	4564382.7	3820	528744.2	4564907	3870	528291.6	4564921
3771	529201.85	4564444.2	3821	528750.2	4564902	3871	528300.9	4564910
3772	529183.14	4564483.7	3822	528755.1	4564897	3872	528320.2	4564897
3773	529158.08	4564562.9	3823	528756.1	4564894	3873	528323.3	4564892
3774	529139.98	4564630.6	3824	528755.6	4564889	3874	528323.8	4564887
3775	529120.19	4564662.5	3825	528753.1	4564860	3875	528321.5	4564882
3776	529064.28	4564726.2	3826	528753.2	4564852	3876	528318	4564881
3777	529059.63	4564729.9	3827	528754.5	4564843	3877	528313.6	4564881
3778	529052.68	4564735.5	3828	528757.7	4564837	3878	528309.1	4564882
3779	529048.39	4564741.3	3829	528769.1	4564825	3879	528303	4564885
3780	529047.19	4564744.1	3830	528778	4564814	3880	528287	4564896
3781	529046.82	4564749.5	3831	528780.2	4564808	3881	528271.3	4564908
3782	529044.72	4564780.6	3832	528783.1	4564801	3882	528259.6	4564912
3783	529044.5	4564783.8	3833	528784.4	4564795	3883	528224	4564923
3784	529043.61	4564795.8	3834	528790.2	4564785	3884	528205.6	4564930
3785	529040.19	4564802.2	3835	528792.7	4564779	3885	528192.2	4564937
3786	529038.75	4564803.9	3836	528793.1	4564774	3886	528185	4564942



3787	529028.27	4564810.3	3837	528791.3	4564770	3887	528180	4564949
3788	529023.8	4564812.3	3838	528788.8	4564765	3888	528175.7	4564959
3789	528995.2	4564818.1	3839	528781.3	4564765	3889	528169.7	4564970
3790	528977.84	4564823.8	3840	528776.3	4564770	3890	528164.2	4564976
3791	528970.6	4564827.8	3841	528774.8	4564775	3891	528154.2	4564982
3792	528958.12	4564838.1	3842	528773.6	4564785	3892	528142.9	4564985
3793	528946.67	4564855.7	3843	528771.9	4564795	3893	528131.6	4564984
3794	528941.05	4564861.3	3844	528770.9	4564802	3894	528111.7	4564981
3795	528928.01	4564870.2	3845	528769	4564806	3895	528063.7	4564977
3796	528910.42	4564878.9	3846	528764.9	4564809	3896	528038.3	4564977
3797	528899	4564883.9	3847	528752.6	4564816	3897	528021.2	4564978
3798	528870.41	4564893.8	3848	528737.3	4564819	3898	528009.5	4564981
3799	528841.21	4564905.3	3849	528703.4	4564818	3899	528000.3	4564984
3800	528831.45	4564910.8	3850	528644.9	4564832	3900	527982.2	4564998
3901	527971.62	4565008.9	3951	527554.6	4565111	4001	527393.4	4565313
3902	527960.28	4565017.1	3952	527546.1	4565125	4002	527376.9	4565309
3903	527952.71	4565022.9	3953	527537	4565136	4003	527352.6	4565293
3904	527943.48	4565028.2	3954	527530.1	4565146	4004	527331.7	4565277
3905	527934.29	4565029.7	3955	527528.1	4565149	4005	527323.9	4565268
3906	527925.49	4565033.8	3956	527526.4	4565155	4006	527319.5	4565258
3907	527913.34	4565039.9	3957	527526.4	4565162	4007	527317.5	4565250
3908	527898.66	4565047.7	3958	527526.3	4565167	4008	527318.6	4565235
3909	527886.53	4565051.7	3959	527528.1	4565173	4009	527320.8	4565226
3910	527871.02	4565055.8	3960	527529.7	4565177	4010	527325.9	4565214
3911	527863.73	4565056.9	3961	527532.9	4565181	4011	527333.2	4565202
3912	527850.28	4565056.8	3962	527542.5	4565185	4012	527342.2	4565192
3913	527836.93	4565055.1	3963	527564.2	4565191	4013	527345.8	4565187
3914	527825.98	4565051	3964	527587.1	4565201	4014	527349.8	4565178
3915	527819.55	4565047.4	3965	527607.6	4565211	4015	527352.1	4565167
3916	527807.64	4565037.7	3966	527625.6	4565223	4016	527351.6	4565159
3917	527789.12	4565017	3967	527634	4565229	4017	527349.3	4565149
3918	527772.18	4564995.5	3968	527641.2	4565231	4018	527342.9	4565139
3919	527759.66	4564983.2	3969	527654.9	4565233	4019	527321.7	4565118
3920	527755	4564980.8	3970	527671.5	4565232	4020	527299.9	4565099
3921	527749.38	4564980.2	3971	527687.5	4565227	4021	527287.9	4565093
3922	527743.5	4564981.6	3972	527699.1	4565219	4022	527276.6	4565091
3923	527736.2	4564984.1	3973	527708	4565211	4023	527269.9	4565091
3924	527723.97	4564988.1	3974	527713.7	4565203	4024	527261.6	4565094
3925	527718.34	4564988.5	3975	527720.3	4565202	4025	527255.7	4565102
3926	527716.22	4564989	3976	527726.2	4565204	4026	527246.8	4565114
3927	527710.14	4564987.5	3977	527732.2	4565208	4027	527236.6	4565125
3928	527697.77	4564982.4	3978	527733.5	4565212	4028	527217.6	4565147
3929	527669.93	4564957.7	3979	527733.6	4565219	4029	527189.3	4565178
3930	527641.7	4564929	3980	527731.8	4565226	4030	527179	4565192
3931	527628.29	4564917.6	3981	527722.3	4565238	4031	527169.7	4565205
3932	527621.28	4564915.4	3982	527715.4	4565246	4032	527161.6	4565215



3933	527616.53	4564915.5	3983	527701.6	4565253	4033	527154.8	4565222
3934	527610.36	4564917	3984	527687.5	4565259	4034	527146.5	4565226
3935	527607.13	4564918.4	3985	527679	4565263	4035	527130.8	4565229
3936	527603.76	4564922	3986	527668.7	4565268	4036	527121.4	4565228
3937	527602.35	4564925.3	3987	527653.9	4565273	4037	527101.8	4565222
3938	527599.06	4564933.3	3988	527629.9	4565277	4038	527091.6	4565215
3939	527598.43	4564942.1	3989	527607.4	4565278	4039	527083.5	4565205
3940	527597.77	4564953.3	3990	527575.5	4565280	4040	527075.9	4565198
3941	527597.68	4564961.2	3991	527546.1	4565283	4041	527072.4	4565190
3942	527595.98	4564971.8	3992	527502.8	4565287	4042	527068.1	4565179
3943	527591.08	4564985.1	3993	527492.8	4565288	4043	527067.8	4565162
3944	527581.59	4565014.7	3994	527481.8	4565294	4044	527067.9	4565156
3945	527574.51	4565035.3	3995	527472.3	4565301	4045	527070.3	4565126
3946	527571.8	4565046.5	3996	527461.6	4565308	4046	527074.3	4565105
3947	527567.39	4565062.9	3997	527453.7	4565314	4047	527079.2	4565087
3948	527564.17	4565078.1	3998	527445	4565317	4048	527083	4565080
3949	527561.9	4565091.4	3999	527429.6	4565318	4049	527087.5	4565074
3950	527557.05	4565106.8	4000	527408.1	4565316	4050	527092.5	4565070
4051	527101.46	4565067.3	4101	526802	4564833	4151	526637.2	4564824
4052	527117.42	4565065.4	4102	526790	4564819	4152	526651.6	4564826
4053	527139.74	4565059.3	4103	526779.8	4564807	4153	526659.7	4564828
4054	527148.48	4565053.8	4104	526774.5	4564798	4154	526666.9	4564829
4055	527153.94	4565047.5	4105	526771.1	4564790	4155	526674.3	4564834
4056	527156.1	4565043.1	4106	526769.4	4564781	4156	526689.3	4564847
4057	527157.11	4565037.2	4107	526768.6	4564774	4157	526695.1	4564856
4058	527156.75	4565027.4	4108	526769.5	4564760	4158	526699.2	4564864
4059	527154.03	4565019.1	4109	526770	4564744	4159	526701	4564870
4060	527148.47	4565013.7	4110	526771.2	4564731	4160	526702.3	4564879
4061	527138.44	4565008.9	4111	526774	4564719	4161	526700.5	4564894
4062	527128.87	4565005.7	4112	526777.8	4564704	4162	526697.2	4564901
4063	527109.22	4565001.5	4113	526779	4564693	4163	526695.8	4564903
4064	527091.54	4564998.6	4114	526781.4	4564680	4164	526689.6	4564913
4065	527071.26	4564995.5	4115	526784.4	4564662	4165	526678.1	4564927
4066	527045.35	4564992.4	4116	526786.7	4564646	4166	526663.1	4564944
4067	527018.52	4564988.1	4117	526789.6	4564639	4167	526650	4564957
4068	527010.2	4564986.9	4118	526791.6	4564632	4168	526645.9	4564960
4069	527004.85	4564985.6	4119	526792.6	4564629	4169	526639.7	4564965
4070	527003.24	4564985	4120	526794.1	4564620	4170	526633.7	4564971
4071	526999.29	4564982.9	4121	526793.6	4564611	4171	526632.5	4564975
4072	526995.57	4564979.4	4122	526792.2	4564602	4172	526632.9	4564983
4073	526992.88	4564975.4	4123	526791.4	4564594	4173	526634.1	4565006
4074	526990.51	4564970.6	4124	526790.3	4564588	4174	526634.8	4565021
4075	526988.29	4564964.1	4125	526787.8	4564584	4175	526634	4565032
4076	526985.04	4564957.6	4126	526784.1	4564581	4176	526633	4565042
4077	526982.28	4564953.1	4127	526778.9	4564579	4177	526632.9	4565062
4078	526978.62	4564949.9	4128	526767.7	4564578	4178	526631.6	4565074



4079	526973.55	4564947	4129	526748.9	4564579	4179	526628.3	4565079
4080	526965.48	4564945.7	4130	526739.5	4564581	4180	526624.1	4565082
4081	526957.75	4564945.5	4131	526728.7	4564584	4181	526620.5	4565083
4082	526952.31	4564944.3	4132	526722.8	4564587	4182	526619	4565083
4083	526946.88	4564942.2	4133	526715.2	4564593	4183	526615.4	4565084
4084	526936.24	4564935.5	4134	526709.5	4564599	4184	526610.7	4565084
4085	526923.48	4564928.4	4135	526702.2	4564610	4185	526605.4	4565083
4086	526912.67	4564920.7	4136	526689.7	4564633	4186	526601.3	4565079
4087	526900.99	4564911.9	4137	526674.9	4564659	4187	526595.6	4565070
4088	526891.95	4564902.7	4138	526663.1	4564679	4188	526591.6	4565057
4089	526886.95	4564894.5	4139	526646.5	4564704	4189	526591.1	4565033
4090	526882.97	4564888.5	4140	526635.3	4564722	4190	526588.7	4565024
4091	526877.94	4564883	4141	526631.7	4564731	4191	526586.4	4565020
4092	526871.82	4564877.5	4142	526627.9	4564741	4192	526574.2	4565011
4093	526865.31	4564873	4143	526625	4564749	4193	526563.1	4565005
4094	526857.62	4564868.9	4144	526624.2	4564760	4194	526558.3	4565002
4095	526848.06	4564864.1	4145	526621.8	4564780	4195	526551.4	4564998
4096	526839.65	4564861.7	4146	526621	4564799	4196	526546.4	4564996
4097	526834.51	4564859.7	4147	526620.8	4564809	4197	526537.6	4564995
4098	526826.35	4564855.9	4148	526622	4564815	4198	526516.9	4564990
4099	526818.45	4564849.9	4149	526624.1	4564820	4199	526507.4	4564987
4100	526811.74	4564842.4	4150	526629.4	4564823	4200	526499.6	4564984
4201	526490.73	4564978.5	4251	526314.4	4564338	4301	526081.5	4564184
4202	526484.32	4564968.2	4252	526312.3	4564331	4302	526082	4564177
4203	526483.02	4564963.3	4253	526305.2	4564313	4303	526083	4564173
4204	526481.72	4564953.4	4254	526304.3	4564312	4304	526083.9	4564171
4205	526482.59	4564934.6	4255	526302.6	4564307	4305	526087.4	4564165
4206	526494.35	4564875.6	4256	526299	4564299	4306	526096.8	4564154
4207	526494.53	4564854.8	4257	526297.7	4564295	4307	526101	4564151
4208	526494.32	4564844.5	4258	526297.5	4564292	4308	526108.4	4564146
4209	526492.2	4564835	4259	526297.3	4564288	4309	526115.3	4564140
4210	526491.12	4564832.4	4260	526298	4564284	4310	526117.1	4564138
4211	526480.66	4564803.3	4261	526299.3	4564282	4311	526121.9	4564130
4212	526469.94	4564778	4262	526304.1	4564277	4312	526123.8	4564126
4213	526460.61	4564765.4	4263	526315.7	4564271	4313	526124.3	4564123
4214	526458.09	4564763.7	4264	526339.4	4564259	4314	526125.5	4564114
4215	526443.78	4564756.5	4265	526352.3	4564251	4315	526126.7	4564105
4216	526429.93	4564746.4	4266	526361.1	4564244	4316	526126.8	4564093
4217	526424.6	4564741.2	4267	526364.2	4564240	4317	526125.5	4564087
4218	526418.55	4564731.1	4268	526364.7	4564238	4318	526123.9	4564084
4219	526416.43	4564725.5	4269	526364.8	4564234	4319	526122.6	4564084
4220	526415.18	4564716.5	4270	526364.8	4564233	4320	526119.5	4564083
4221	526415.4	4564706.4	4271	526364.5	4564230	4321	526110.6	4564082
4222	526421.09	4564673.3	4272	526360.7	4564226	4322	526087.2	4564084
4223	526420.93	4564661.7	4273	526353.1	4564223	4323	526075.4	4564085
4224	526417.75	4564647.4	4274	526344.2	4564222	4324	526063.6	4564084



4225	526416.9	4564636.4	4275	526337.9	4564222	4325	526062.3	4564083
4226	526418.24	4564577.5	4276	526331	4564221	4326	526060.6	4564082
4227	526418.09	4564570.6	4277	526326.4	4564221	4327	526056.3	4564079
4228	526416.21	4564545.7	4278	526322.1	4564220	4328	526055.1	4564077
4229	526414.29	4564539.7	4279	526317.5	4564218	4329	526053.2	4564073
4230	526409.22	4564529.1	4280	526313.5	4564217	4330	526052.2	4564064
4231	526404.65	4564522.6	4281	526307.7	4564216	4331	526054.6	4564032
4232	526393.73	4564504.1	4282	526282	4564214	4332	526055.2	4564024
4233	526387.09	4564498	4283	526265	4564214	4333	526056.3	4563998
4234	526383.54	4564494.7	4284	526248.8	4564213	4334	526056.2	4563995
4235	526375.65	4564487.8	4285	526233.8	4564213	4335	526057.5	4563980
4236	526342.56	4564464.8	4286	526217.1	4564214	4336	526059.8	4563975
4237	526334.39	4564454	4287	526202	4564217	4337	526063.9	4563969
4238	526331	4564450.1	4288	526183.3	4564222	4338	526067.9	4563966
4239	526313.67	4564429.9	4289	526169.4	4564227	4339	526074.8	4563960
4240	526307.85	4564423.7	4290	526159.5	4564229	4340	526077.6	4563957
4241	526303.38	4564417.8	4291	526150.9	4564230	4341	526079.5	4563949
4242	526299.93	4564410.4	4292	526125.7	4564229	4342	526081.1	4563936
4243	526299.06	4564405.7	4293	526100	4564228	4343	526081	4563892
4244	526299.66	4564396.2	4294	526093.9	4564227	4344	526079.6	4563887
4245	526299.97	4564391.3	4295	526088.2	4564223	4345	526077.5	4563883
4246	526300.84	4564386.3	4296	526084.6	4564220	4346	526075.5	4563879
4247	526305.38	4564373.8	4297	526082.5	4564217	4347	526072.3	4563870
4248	526309.99	4564365.9	4298	526081.9	4564214	4348	526071	4563864
4249	526312.64	4564358.8	4299	526081.1	4564200	4349	526069.9	4563854
4250	526314.55	4564349.3	4300	526081.2	4564188	4350	526070	4563820
4351	526070.22	4563810	4401	526047.9	4563714	4451	525663.4	4563746
4352	526069.83	4563783.1	4402	526039.6	4563713	4452	525660.1	4563744
4353	526070.6	4563776.5	4403	526030.2	4563713	4453	525637.5	4563731
4354	526071.05	4563774.7	4404	526020.5	4563716	4454	525620.3	4563720
4355	526073.51	4563769.6	4405	526015.9	4563719	4455	525591.3	4563698
4356	526076.23	4563766.4	4406	526012.8	4563723	4456	525585.7	4563696
4357	526080.11	4563763.8	4407	526010	4563728	4457	525580.9	4563695
4358	526082.66	4563763	4408	526008.6	4563732	4458	525579.5	4563695
4359	526087.5	4563763	4409	525998.2	4563748	4459	525574.6	4563696
4360	526111.33	4563766.6	4410	525987.6	4563765	4460	525572.3	4563697
4361	526117.67	4563767.1	4411	525973.9	4563797	4461	525562.7	4563703
4362	526124.97	4563766.8	4412	525964	4563816	4462	525559.2	4563706
4363	526128.15	4563766.1	4413	525956.1	4563835	4463	525554	4563712
4364	526129.91	4563765	4414	525949.9	4563860	4464	525541.4	4563726
4365	526132.17	4563763.2	4415	525943.8	4563893	4465	525529.2	4563741
4366	526134.04	4563759.5	4416	525939.1	4563907	4466	525513.7	4563758
4367	526136.08	4563753.8	4417	525930	4563921	4467	525505.5	4563767
4368	526136.76	4563749.3	4418	525921.9	4563936	4468	525495.6	4563774
4369	526137.03	4563739.8	4419	525915.7	4563945	4469	525481.8	4563787
4370	526138.75	4563731	4420	525913.4	4563949	4470	525468.6	4563798



4371	526142.57	4563721.6	4421	525912	4563950	4471	525457.9	4563808
4372	526145.13	4563713.7	4422	525906.4	4563955	4472	525455.4	4563814
4373	526146.6	4563709.2	4423	525901.4	4563957	4473	525454	4563821
4374	526145.42	4563702.6	4424	525897.4	4563958	4474	525454	4563857
4375	526143.32	4563695.1	4425	525895.5	4563957	4475	525453.9	4563859
4376	526141.83	4563686.2	4426	525892.2	4563957	4476	525452.5	4563865
4377	526141.6	4563681.9	4427	525889.9	4563956	4477	525450	4563870
4378	526140.64	4563667.1	4428	525886	4563954	4478	525444.6	4563877
4379	526141.25	4563656.5	4429	525881.1	4563951	4479	525439.1	4563881
4380	526144.47	4563644.6	4430	525873.5	4563945	4480	525435.5	4563883
4381	526147.83	4563636.5	4431	525860.6	4563937	4481	525432.4	4563884
4382	526153.89	4563627.5	4432	525847.6	4563932	4482	525428.6	4563884
4383	526157.36	4563620.9	4433	525838.9	4563931	4483	525391.7	4563883
4384	526157.92	4563617.6	4434	525830.1	4563931	4484	525390.1	4563883
4385	526157.18	4563614	4435	525809.8	4563931	4485	525366	4563881
4386	526156.31	4563612.8	4436	525799.7	4563930	4486	525352.6	4563881
4387	526152.22	4563611.3	4437	525794.7	4563928	4487	525338.4	4563887
4388	526147.2	4563610.6	4438	525791.8	4563927	4488	525323	4563893
4389	526143.48	4563611.9	4439	525784.7	4563924	4489	525303.2	4563901
4390	526139.33	4563616	4440	525778	4563920	4490	525280.9	4563916
4391	526133.42	4563630.2	4441	525767.9	4563909	4491	525278.9	4563918
4392	526127.28	4563647.6	4442	525759.6	4563893	4492	525270.6	4563923
4393	526121.04	4563673.8	4443	525754.6	4563871	4493	525266.1	4563925
4394	526118.16	4563687.6	4444	525750.9	4563861	4494	525254.4	4563931
4395	526114.09	4563699.7	4445	525741.1	4563843	4495	525253.1	4563937
4396	526111.08	4563704.4	4446	525728.5	4563823	4496	525250.8	4563957
4397	526103.03	4563710.9	4447	525716.1	4563802	4497	525250	4563985
4398	526095.78	4563713.3	4448	525701.7	4563776	4498	525248.6	4564015
4399	526091.68	4563714.6	4449	525692.5	4563766	4499	525248.9	4564028
4400	526078.87	4563715.2	4450	525682.7	4563758	4500	525251.3	4564038
4501	525251.17	4564046.5	4551	525010.5	4564535	4601	525263.9	4564825
4502	525249.24	4564053.1	4552	525012.2	4564539	4602	525235.7	4564861
4503	525241.49	4564061	4553	525015.2	4564544	4603	525220.1	4564883
4504	525226.66	4564068.9	4554	525020.2	4564549	4604	525216.9	4564891
4505	525218.33	4564075.2	4555	525027.6	4564553	4605	525215.3	4564901
4506	525212.54	4564081.9	4556	525037.3	4564554	4606	525216.1	4564909
4507	525207.13	4564092	4557	525039.6	4564554	4607	525218.6	4564920
4508	525205.53	4564101.9	4558	525086.1	4564555	4608	525230.7	4564959
4509	525206.29	4564109.8	4559	525126.6	4564555	4609	525239.3	4564980
4510	525213.61	4564136.8	4560	525180.8	4564556	4610	525240.3	4564983
4511	525215.76	4564142.2	4561	525224.6	4564557	4611	525240.9	4564987
4512	525219.16	4564152.3	4562	525277.7	4564560	4612	525242.3	4564996
4513	525224.09	4564182	4563	525287.8	4564560	4613	525242.2	4564999
4514	525224.34	4564198.8	4564	525295.1	4564561	4614	525239.5	4565014
4515	525223.58	4564202.1	4565	525297.7	4564562	4615	525233.4	4565032
4516	525220.33	4564209.7	4566	525303.1	4564563	4616	525235.7	4565049



4517	525214.01	4564223.5	4567	525309.1	4564565	4617	525238.4	4565056
4518	525205.58	4564238.1	4568	525314.3	4564568	4618	525242.9	4565061
4519	525188.33	4564258.4	4569	525320.6	4564572	4619	525249.7	4565066
4520	525170.07	4564277.2	4570	525359.4	4564603	4620	525258.8	4565070
4521	525162.96	4564283.7	4571	525370.9	4564611	4621	525286.2	4565078
4522	525155.85	4564288.9	4572	525378.3	4564617	4622	525310.6	4565085
4523	525153.23	4564290.2	4573	525385.8	4564625	4623	525321.2	4565088
4524	525150.79	4564291.4	4574	525388.9	4564629	4624	525329	4565091
4525	525145.54	4564293.1	4575	525396	4564642	4625	525331.3	4565093
4526	525142.06	4564294	4576	525403.9	4564666	4626	525335.1	4565094
4527	525128.45	4564296.9	4577	525405.4	4564673	4627	525342.3	4565103
4528	525113.97	4564299.4	4578	525412.6	4564687	4628	525345	4565109
4529	525094.84	4564306	4579	525421.6	4564702	4629	525347.7	4565119
4530	525078.54	4564314.4	4580	525430.3	4564713	4630	525352.7	4565148
4531	525070.69	4564320.5	4581	525433	4564718	4631	525361.8	4565197
4532	525061.01	4564333.1	4582	525435.7	4564731	4632	525368.5	4565228
4533	525058.61	4564338	4583	525435.7	4564740	4633	525375.4	4565259
4534	525053.11	4564354.3	4584	525434.1	4564759	4634	525381.2	4565275
4535	525050.53	4564377.8	4585	525427.8	4564780	4635	525382.7	4565277
4536	525050.63	4564403.1	4586	525423.6	4564787	4636	525389.3	4565306
4537	525051.4	4564408.3	4587	525414.2	4564798	4637	525391.5	4565320
4538	525052	4564413.4	4588	525407.1	4564804	4638	525394.4	4565331
4539	525051.76	4564423.2	4589	525396.9	4564810	4639	525399.4	4565345
4540	525049.29	4564436.9	4590	525390.5	4564813	4640	525400.4	4565349
4541	525045.45	4564450.6	4591	525380.6	4564819	4641	525401.9	4565352
4542	525040.3	4564469.6	4592	525372.8	4564822	4642	525407.2	4565369
4543	525036.34	4564480.4	4593	525361.2	4564823	4643	525409.1	4565379
4544	525033.83	4564485.9	4594	525350.5	4564823	4644	525409.5	4565387
4545	525032.17	4564488.4	4595	525340.5	4564821	4645	525409.5	4565389
4546	525018.3	4564507	4596	525332.5	4564820	4646	525406.6	4565407
4547	525015.23	4564512.9	4597	525295.5	4564813	4647	525402.8	4565418
4548	525013.48	4564517.2	4598	525287.8	4564813	4648	525397.8	4565428
4549	525009.9	4564526.1	4599	525281.3	4564814	4649	525389.9	4565440
4550	525010.4	4564532.6	4600	525273.4	4564817	4650	525384.2	4565450
4651	525382.81	4565453.2	4701	525372.2	4566151	4751	525704	4566883
4652	525380.39	4565462.5	4702	525369.2	4566161	4752	525713.1	4566901
4653	525380.55	4565469.1	4703	525366.2	4566175	4753	525715.5	4566913
4654	525381.13	4565473.3	4704	525366.1	4566187	4754	525715.7	4566934
4655	525383.11	4565488	4705	525366.3	4566198	4755	525715.8	4566947
4656	525386.44	4565499.7	4706	525367	4566231	4756	525718.2	4566961
4657	525394.51	4565521.6	4707	525368.3	4566259	4757	525723	4566969
4658	525395.8	4565525.5	4708	525370.4	4566268	4758	525728.8	4566976
4659	525403	4565552.1	4709	525371.4	4566270	4759	525733.8	4566979
4660	525404.57	4565557.9	4710	525375.3	4566278	4760	525737.8	4566981
4661	525406.14	4565573.9	4711	525383.8	4566295	4761	525751.4	4566988
4662	525405.75	4565580.7	4712	525405.2	4566328	4762	525762.4	4566996



4663	525403.25	4565590.4	4713	525420.8	4566362	4763	525771.8	4567005
4664	525400.93	4565593.6	4714	525425.5	4566377	4764	525772.1	4567006
4665	525390.94	4565607.2	4715	525427	4566389	4765	525782.3	4567022
4666	525370.62	4565635.6	4716	525424.7	4566408	4766	525793.2	4567046
4667	525366.31	4565642.5	4717	525422.3	4566427	4767	525797.8	4567055
4668	525362.02	4565651.5	4718	525421.5	4566444	4768	525803.2	4567061
4669	525360.87	4565655.2	4719	525422.8	4566474	4769	525811.2	4567065
4670	525357.17	4565669.8	4720	525425.7	4566508	4770	525822.4	4567068
4671	525355.9	4565685.8	4721	525425.4	4566528	4771	525834.2	4567074
4672	525355.01	4565721.3	4722	525423.2	4566546	4772	525845.8	4567085
4673	525356.34	4565730.2	4723	525418.9	4566559	4773	525850.7	4567096
4674	525358.68	4565734.8	4724	525408.7	4566580	4774	525853.6	4567106
4675	525365.38	4565747.9	4725	525402.4	4566599	4775	525855.1	4567112
4676	525366.92	4565750.3	4726	525399.6	4566616	4776	525855.6	4567116
4677	525385.72	4565783.7	4727	525400.7	4566626	4777	525854.4	4567124
4678	525400.15	4565812.5	4728	525405.4	4566640	4778	525848.4	4567150
4679	525405.69	4565823	4729	525414.6	4566658	4779	525843.7	4567168
4680	525408.77	4565831	4730	525432.3	4566683	4780	525835.9	4567199
4681	525411.06	4565839.3	4731	525450.7	4566697	4781	525834.9	4567210
4682	525411.01	4565843.6	4732	525469	4566712	4782	525834.9	4567232
4683	525407.91	4565850.7	4733	525481.8	4566724	4783	525836.4	4567245
4684	525393.8	4565876.3	4734	525485.3	4566731	4784	525838	4567252
4685	525384.1	4565894.8	4735	525487.1	4566742	4785	525839.8	4567257
4686	525374.61	4565918.6	4736	525489.3	4566751	4786	525841.3	4567259
4687	525364.14	4565954.2	4737	525496.3	4566762	4787	525845	4567263
4688	525355.07	4565987.1	4738	525500.7	4566765	4788	525848.9	4567266
4689	525349.8	4566008.6	4739	525514.7	4566774	4789	525857.2	4567271
4690	525349.61	4566019.9	4740	525528.9	4566790	4790	525865.5	4567275
4691	525351.81	4566035.8	4741	525535.3	4566801	4791	525905.2	4567293
4692	525357.8	4566049.9	4742	525544.5	4566810	4792	525925.1	4567302
4693	525360.52	4566054	4743	525560.5	4566824	4793	525932.2	4567307
4694	525363.62	4566056.8	4744	525572.8	4566833	4794	525937	4567312
4695	525377.52	4566075	4745	525588.9	4566840	4795	525948.4	4567327
4696	525383.55	4566085.3	4746	525612.1	4566845	4796	525952.5	4567332
4697	525384.75	4566091.2	4747	525645.6	4566849	4797	525955.1	4567335
4698	525383.81	4566104.4	4748	525648.6	4566849	4798	525968.2	4567347
4699	525380.38	4566125.6	4749	525671.8	4566853	4799	525983.2	4567356
4700	525376.41	4566139.7	4750	525685	4566862	4800	525993	4567360
4801	526000.38	4567362.2	4851	526669.9	4567851	4901	526926	4568444
4802	526016.93	4567362.7	4852	526673	4567857	4902	526909.8	4568467
4803	526020.18	4567362.8	4853	526675.8	4567862	4903	526906.6	4568476
4804	526031.81	4567361.4	4854	526690.2	4567888	4904	526905.8	4568482
4805	526041.06	4567357.7	4855	526696.3	4567900	4905	526906.1	4568490
4806	526055.63	4567348.1	4856	526715.4	4567937	4906	526907.3	4568495
4807	526069.83	4567341.9	4857	526725	4567963	4907	526910.3	4568503
4808	526079.16	4567339.7	4858	526751.3	4568017	4908	526917.3	4568516



4809	526082.24	4567338.5	4859	526766.9	4568038	4909	526925.1	4568527
4810	526092.26	4567339.3	4860	526773.3	4568049	4910	526933.9	4568539
4811	526099.53	4567342	4861	526775.6	4568055	4911	526941.6	4568546
4812	526106.9	4567347.6	4862	526781.9	4568073	4912	526971.5	4568570
4813	526110.71	4567350.3	4863	526785.3	4568085	4913	526983	4568581
4814	526124.34	4567369	4864	526786.4	4568093	4914	526985.4	4568584
4815	526126.88	4567372.5	4865	526786.6	4568097	4915	526987.5	4568590
4816	526138.35	4567387.9	4866	526786.9	4568099	4916	526987.9	4568595
4817	526161.35	4567413.3	4867	526786.7	4568108	4917	526988.1	4568597
4818	526180.33	4567438.5	4868	526784.3	4568125	4918	526988	4568600
4819	526193.92	4567456.4	4869	526781.2	4568139	4919	526984.6	4568608
4820	526195.56	4567459.2	4870	526778.1	4568150	4920	526977.4	4568615
4821	526199.32	4567462.5	4871	526777.8	4568153	4921	526970.3	4568617
4822	526224.31	4567493.3	4872	526776.7	4568160	4922	526966.2	4568617
4823	526233.85	4567510.4	4873	526777	4568169	4923	526960.2	4568616
4824	526240.2	4567529.1	4874	526778.5	4568182	4924	526942.9	4568611
4825	526246.61	4567542.9	4875	526780.7	4568188	4925	526922.8	4568607
4826	526260.4	4567558.6	4876	526788.4	4568197	4926	526912.5	4568606
4827	526268.98	4567567.3	4877	526794.4	4568201	4927	526905.5	4568607
4828	526278.99	4567575.9	4878	526800.3	4568203	4928	526875.6	4568621
4829	526292.19	4567587.7	4879	526824.9	4568205	4929	526852.8	4568634
4830	526298.88	4567595.2	4880	526850.2	4568206	4930	526841	4568643
4831	526305.52	4567607.3	4881	526879.5	4568207	4931	526832.9	4568653
4832	526314.25	4567621.6	4882	526891.9	4568210	4932	526823.1	4568673
4833	526333.27	4567643	4883	526905.4	4568215	4933	526819.6	4568684
4834	526355.08	4567661.5	4884	526913.5	4568218	4934	526815.2	4568699
4835	526377.38	4567684.4	4885	526916.8	4568221	4935	526811.4	4568707
4836	526401.04	4567703.7	4886	526930.8	4568235	4936	526805.5	4568713
4837	526402.83	4567705.3	4887	526943.2	4568253	4937	526797.9	4568717
4838	526412.3	4567711.4	4888	526952.6	4568268	4938	526790.5	4568719
4839	526415.25	4567713.2	4889	526962.7	4568298	4939	526769.9	4568720
4840	526450.63	4567742.7	4890	526965.1	4568313	4940	526742.6	4568723
4841	526475.27	4567760.1	4891	526963.2	4568327	4941	526716.3	4568728
4842	526485.05	4567763.7	4892	526958	4568354	4942	526670.3	4568738
4843	526489.62	4567765.3	4893	526957.1	4568361	4943	526636.3	4568751
4844	526494.92	4567766.4	4894	526955.6	4568379	4944	526623.8	4568757
4845	526528.8	4567776.6	4895	526955.3	4568387	4945	526608.9	4568768
4846	526557.57	4567789.4	4896	526955.1	4568394	4946	526595.9	4568785
4847	526584.48	4567799.7	4897	526954.2	4568401	4947	526587.7	4568796
4848	526626.6	4567819.9	4898	526953.3	4568405	4948	526609.8	4568810
4849	526650.33	4567831.8	4899	526950.3	4568411	4949	526643.5	4568794
4850	526659.99	4567838.5	4900	526947.8	4568415	4950	526670	4568790
4951	526699.5	4568785.4	5001	526557.7	4568939	5051	526674.3	4569416
4952	526696.11	4568814.8	5002	526563.2	4568945	5052	526686.3	4569423
4953	526695.33	4568815	5003	526572.1	4568956	5053	526692.9	4569431
4954	526692.55	4568815	5004	526575.9	4568963	5054	526698.2	4569438



4955	526692.08	4568815.1	5005	526588.8	4568989	5055	526700.5	4569442
4956	526685.56	4568816.5	5006	526597	4569012	5056	526703.1	4569452
4957	526685.28	4568816.6	5007	526596.6	4569024	5057	526703	4569456
4958	526679.32	4568818.9	5008	526595.1	4569030	5058	526701.4	4569462
4959	526672.5	4568819.8	5009	526592.9	4569032	5059	526673	4569490
4960	526669.86	4568819.7	5010	526587.9	4569036	5060	526670.1	4569499
4961	526669.47	4568819.8	5011	526581.4	4569042	5061	526671.4	4569507
4962	526662.16	4568821.1	5012	526570.4	4569046	5062	526673	4569509
4963	526661.97	4568821.2	5013	526556.8	4569045	5063	526676	4569515
4964	526651.79	4568824.1	5014	526541	4569039	5064	526682.6	4569521
4965	526630.52	4568828	5015	526521.8	4569033	5065	526707.5	4569536
4966	526622.09	4568829.2	5016	526510.2	4569032	5066	526715.4	4569541
4967	526615.62	4568829.1	5017	526491.9	4569032	5067	526752.1	4569560
4968	526614.96	4568829.2	5018	526473.5	4569035	5068	526764.9	4569564
4969	526609.31	4568831.1	5019	526457.1	4569041	5069	526789.6	4569569
4970	526608.92	4568831.3	5020	526435.1	4569055	5070	526808	4569573
4971	526597.3	4568838.3	5021	526427.4	4569061	5071	526819.4	4569579
4972	526591.75	4568839.4	5022	526424.2	4569065	5072	526861.2	4569608
4973	526579.68	4568839.2	5023	526415.9	4569076	5073	526873.6	4569615
4974	526570.8	4568838.1	5024	526410.8	4569083	5074	526883	4569623
4975	526570.78	4568838.1	5025	526406.1	4569093	5075	526890.8	4569631
4976	526561.29	4568837	5026	526405	4569104	5076	526901.1	4569650
4977	526561.23	4568837	5027	526406.8	4569112	5077	526904.5	4569659
4978	526547.23	4568835.8	5028	526411.7	4569122	5078	526905.5	4569663
4979	526546.88	4568835.9	5029	526426.5	4569140	5079	526905.9	4569667
4980	526540.87	4568836.4	5030	526440.9	4569155	5080	526905.3	4569672
4981	526531.79	4568841.3	5031	526455.1	4569174	5081	526901.7	4569678
4982	526547.08	4568839.9	5032	526463.8	4569185	5082	526892.8	4569685
4983	526560.86	4568841	5033	526483.5	4569205	5083	526886.5	4569690
4984	526570.31	4568842.1	5034	526499.6	4569220	5084	526869.9	4569709
4985	526579.3	4568843.2	5035	526503.6	4569224	5085	526869.2	4569716
4986	526579.52	4568843.2	5036	526524.7	4569257	5086	526869.9	4569721
4987	526591.9	4568843.4	5037	526527.2	4569262	5087	526871	4569724
4988	526592.29	4568843.3	5038	526558.7	4569296	5088	526872.8	4569728
4989	526598.38	4568842.2	5039	526570.6	4569304	5089	526878.1	4569736
4990	526599.05	4568841.9	5040	526573.2	4569305	5090	526883.1	4569740
4991	526610.8	4568834.9	5041	526577.7	4569309	5091	526893.4	4569748
4992	526615.92	4568833.1	5042	526585.9	4569314	5092	526910.5	4569765
4993	526619.64	4568833.2	5043	526618.6	4569330	5093	526918.4	4569772
4994	526613.57	4568835.2	5044	526628.1	4569337	5094	526928.1	4569782
4995	526597.98	4568865.5	5045	526630.6	4569340	5095	526930.4	4569787
4996	526555.11	4568882.3	5046	526633.7	4569348	5096	526933.3	4569793
4997	526513.56	4568880.2	5047	526639.1	4569369	5097	526933.7	4569798
4998	526514.23	4568885.6	5048	526644.2	4569388	5098	526933.1	4569800
4999	526522.92	4568901.2	5049	526651	4569398	5099	526931.5	4569803
5000	526544.24	4568925.2	5050	526656.2	4569405	5100	526926.9	4569809



5101	526924.68	4569810.4	5151	526757.3	4570206	5201	527035.7	4570488
5102	526919.25	4569812.7	5152	526759.1	4570212	5202	527042.1	4570509
5103	526906.47	4569816.1	5153	526759.7	4570217	5203	527054.6	4570549
5104	526905.29	4569816.5	5154	526759.1	4570235	5204	527060.4	4570582
5105	526900.02	4569817.6	5155	526758.4	4570238	5205	527062.7	4570593
5106	526884.5	4569823.1	5156	526756.5	4570243	5206	527074.6	4570618
5107	526875.52	4569828	5157	526752.5	4570251	5207	527083.8	4570626
5108	526864.36	4569840	5158	526736.1	4570269	5208	527092	4570630
5109	526861.61	4569843.6	5159	526723.5	4570295	5209	527102	4570631
5110	526854.77	4569857.6	5160	526723.1	4570301	5210	527109.9	4570633
5111	526822.4	4569891.7	5161	526724.9	4570307	5211	527116.3	4570635
5112	526814.31	4569902.1	5162	526729.1	4570312	5212	527122.8	4570641
5113	526802.92	4569917.5	5163	526737.8	4570324	5213	527128	4570647
5114	526800.6	4569922.4	5164	526743.7	4570332	5214	527131.9	4570653
5115	526797.4	4569934.3	5165	526747.7	4570338	5215	527134.7	4570669
5116	526796.16	4569951.5	5166	526752.7	4570350	5216	527144.4	4570691
5117	526792.6	4569968.9	5167	526757.1	4570369	5217	527154.2	4570698
5118	526789.21	4569975.3	5168	526757.9	4570372	5218	527161.8	4570701
5119	526780.67	4569981.7	5169	526769.2	4570396	5219	527171.4	4570701
5120	526771.79	4569985.9	5170	526773.9	4570401	5220	527179.4	4570701
5121	526757.59	4569989.5	5171	526777.9	4570404	5221	527191	4570698
5122	526741.32	4569995.6	5172	526783.3	4570406	5222	527203.6	4570692
5123	526726.35	4570001.6	5173	526798.7	4570406	5223	527219.9	4570684
5124	526713.85	4570004.8	5174	526818.2	4570403	5224	527227.2	4570682
5125	526705.09	4570004.7	5175	526843.3	4570393	5225	527233.5	4570681
5126	526696.85	4570003.8	5176	526869.3	4570376	5226	527238.8	4570682
5127	526683.17	4569997.1	5177	526892.1	4570368	5227	527244.2	4570688
5128	526664.81	4569983	5178	526915.1	4570365	5228	527254.3	4570700
5129	526642.43	4569971.8	5179	526927	4570368	5229	527259.7	4570716
5130	526632.4	4569969.8	5180	526944.3	4570366	5230	527262.9	4570730
5131	526625.46	4569970.3	5181	526956.2	4570364	5231	527271.5	4570746
5132	526614.89	4569974	5182	526976.7	4570355	5232	527280.1	4570751
5133	526603.09	4569980.1	5183	526997.8	4570343	5233	527287.2	4570754
5134	526589.5	4569990.7	5184	527008.4	4570339	5234	527295.4	4570754
5135	526583.88	4569998.4	5185	527013.2	4570340	5235	527307.4	4570751
5136	526578.58	4570013.9	5186	527016.9	4570341	5236	527325.5	4570741
5137	526585.43	4570025.8	5187	527020.3	4570343	5237	527341.3	4570737
5138	526595.39	4570034.9	5188	527029	4570356	5238	527348.3	4570735
5139	526623.22	4570054.8	5189	527031.1	4570361	5239	527359.1	4570735
5140	526643.16	4570069.6	5190	527032.5	4570366	5240	527370.9	4570737
5141	526649.04	4570080	5191	527032.9	4570375	5241	527379.1	4570739
5142	526651.96	4570085.2	5192	527031.4	4570386	5242	527388.6	4570744
5143	526656.58	4570093.7	5193	527028.9	4570396			
5144	526661.35	4570111.6	5194	527022.9	4570419			
5145	526672.73	4570135	5195	527021.7	4570426			
5146	526685.81	4570148.1	5196	527021.4	4570439			



5147	526712.11	4570163.3	5197	527022.3	4570449
5148	526731.8	4570177.3	5198	527025.1	4570460
5149	526740.6	4570188.9	5199	527029.5	4570470
5150	526755.67	4570204	5200	527034.2	4570481

Aneksi nr. 11

PARKU KOMBËTAR “PRESPA”

Zona brenda këtij ekosistemi natyror, përfshin pyje, kullota, toka bujqësore, shkurre, sipërfaqe ujore, kënetë, inproduktive dhe zona urbane. Mbulesa e tokës brenda sipërfaqes së Parkut Kombëtar, jepet në Tabelën 1, si më poshtë:

Tabela 1. Sipërfaqja e PK-së, e përshkruar sipas mbulesës.

Mbulesa	Sip. në ha	Përqindja
Bujqësore	543.1	1.97
Pyje	6497.3	23.53
Sipërfaqe heterogjene bujqësore	795.63	2.88
Sipërfaqe ujore	4625.73	16.75
Sipërfaqe kënetore	466.12	1.69
Kullota	831.44	3.01
Shkurre	13640.82	49.40
Zona urbane	212.92	0.77
Total	27613.05	100

Parku Kombëtar “Prespa” ndahet në dy nënzona ruajtjeje e administrimi, si më poshtë vijon:

a) Nënzona Qendrore, me sipërfaqe 8055.02 (tetë mijë e pesëdhjetë e pesë presje zero dy) ha, e shënuar në hartë me ZQ.

Kjo nënzona përfshin habitatet kryesore pyjore (pyje të lartë, cungishte dhe shkurre) dhe përcaktohet si zonë me vlera të larta e të rralla për trashëgiminë natyrore e biodiversitetin dhe në të zbatohet shkalla e më lartë e mbrojtjes, që siguron një territor të pasqyrtësuar. Në këtë nënzona lejohen kërkimi shkencor, zhvillimi i veprimtarive ekoturistike të lira në natyrë.

b) Nënzona e Përdorimit Tradicional dhe Zhvillimit të Qëndrueshëm, me sipërfaqe 19558.03 (nëntëmbëdhjetë mijë e pesëqind e pesëdhjetë e tetë presje zero tre) ha, e shënuar në hartë me ZPTQ.

Kjo nënzona përfshin tokat pyjore, bujqësore e kullotat, dhe territore ujore ku mundësohet vazhdimi i veprimtarive tradicionale si punime për shëndetësimin e pyjeve, aktivitete bujqësore, aktiviteti i peshkimit artizanal, kullotja, grumbullimi dhe kultivimi i bimëve mjekësore e aromatike, me përdorim të balancuar të tyre dhe nuk lejohen ndërtimet e veprimtaritë që shkaktojnë ndryshimin e gjendjes natyrore të ekosistemit natyror. Në nënzona e përdorimit tradicional dhe zhvillimit të qëndrueshëm, zbatohet shkalla e dytë e mbrojtjes, që siguron një territor me ndikim të ulët dhe kontroll të veprimtarive ekonomike, sociale, agrobiznesit, argëtuese, sportive e ekoturistike, ndërtimi i infrastrukturës sipas planeve të zhvillimit urban e turistik të miratuar nga Këshilli Kombëtar i Territorit (KKT), të cilat nuk çenojnë integritetin ekologjik të ekosistemit natyror dhe respektojnë funksionet e zonës së mbrojtur, vlerat ekologjike dhe ato të peizazhit natyror e kulturor.

Zonimi dhe sipërfaqet në Parkun Kombëtar “Prespa” jepen në Tabelën 2.

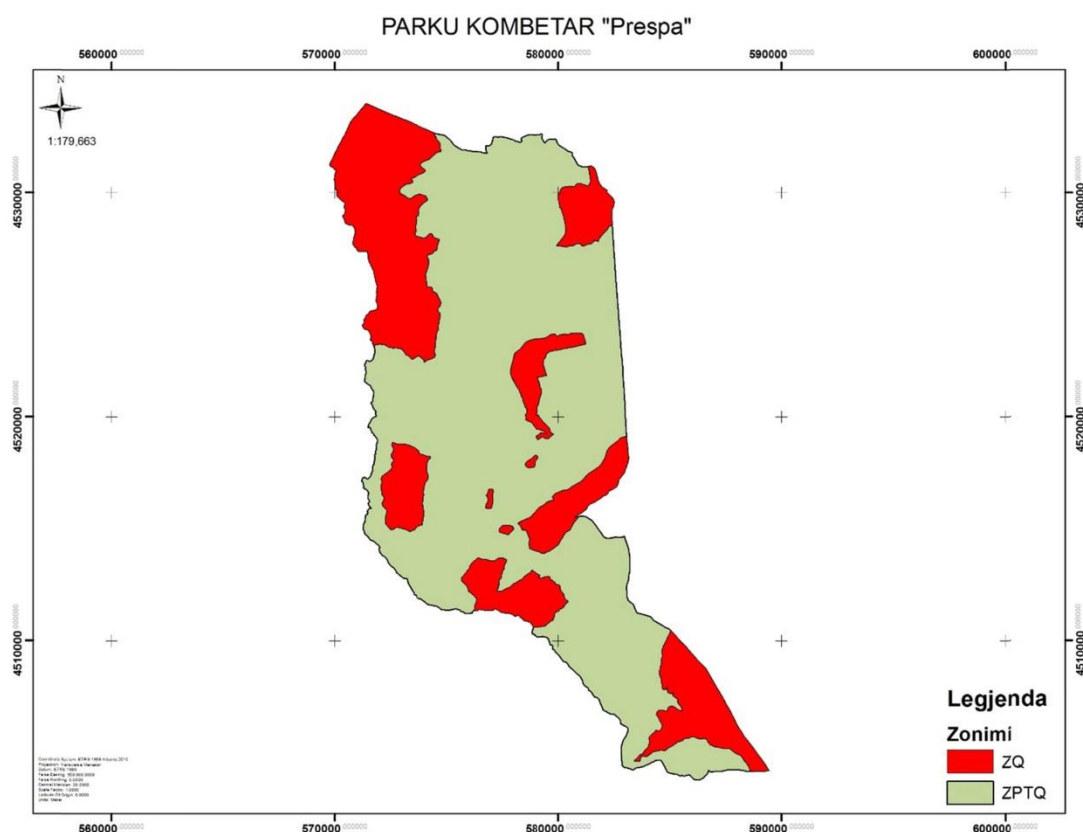


Tabela 2. Zonimi i brendshëm i PK-së.

Zonimi	Sip. në ha	Përqindja
Zona qendrore	8055.02	29.17
Zona e përdorimit tradicional dhe zhvillimit të qëndrueshëm	19558.03	70.83
Totali	27613.05	100

Administrata e Zonave të Mbrojtura, Qarku Korçë, kryen funksionet menaxhuese të Parkut Kombëtar “Prespa”.

SHTOJCA 1





SHTOJCA 2

Pika	X	Y	Pika	X	Y	Pika	X	Y
1	575816.4	4531923.2	51	579641.3	4532412	101	582943.2	4520918
2	575934.6	4531891.2	52	579886	4532409	102	582998.3	4519706
3	576084.1	4531871.3	53	579959	4532242	103	583047.3	4518992
4	576166.6	4531864.4	54	580021.3	4532153	104	583056.2	4518902
5	576239.3	4531857.4	55	580119.2	4532076	105	583068.4	4518733
6	576339.6	4531852.6	56	580246.2	4532005	106	583085.8	4518566
7	576414.2	4531847.6	57	580408.5	4531880	107	583099	4518415
8	576508.6	4531840.8	58	580538.2	4531843	108	583137.5	4518199
9	576605.5	4531801.6	59	580623.5	4531782	109	583111.1	4518030
10	576716.5	4531784.4	60	580624.4	4531682	110	583023.1	4517754
11	576801.1	4531785.4	61	580640.5	4531648	111	582925.5	4517503
12	576756.7	4531927.4	62	580702.4	4531567	112	582825	4517365
13	576739.8	4532037.1	63	580767.3	4531463	113	582694.7	4517197
14	576746.1	4532104.7	64	580820.6	4531358	114	582657.8	4517018
15	576823.5	4532121.2	65	580875.8	4531249	115	582582.2	4516894
16	576878.9	4532115.6	66	581073.2	4531164	116	582480.4	4516810
17	576950.3	4532135.7	67	581202.7	4531170	117	582347.9	4516737
18	576995.6	4532213.2	68	581336	4531191	118	582235.3	4516682
19	577052.1	4532380	69	581459.6	4531202	119	582175.2	4516550
20	577084.7	4532497.4	70	581561.3	4531154	120	582015.5	4516476
21	577159.9	4532515.2	71	581640.9	4531061	121	581824.6	4516330
22	577287.8	4532499.7	72	581691.7	4530908	122	581661.3	4516236
23	577404.6	4532518	73	581716.7	4530781	123	581546.1	4516177
24	577522.2	4532498.5	74	581744.7	4530678	124	581421.1	4516125
25	577639	4532471.4	75	581781.5	4530525	125	581352.4	4516070
26	577745.7	4532434.1	76	581835.8	4530417	126	581297.8	4515984
27	577858.8	4532413.5	77	581897.2	4530371	127	581247.6	4515900
28	577934.9	4532383.4	78	581911.8	4530296	128	581166.4	4515824
29	577988.9	4532361	79	582074.2	4530174	129	581057	4515738
30	578080.1	4532323.3	80	582156.2	4530128	130	580965.2	4515673
31	578185.3	4532288.3	81	582149.2	4530053	131	580876	4515621
32	578286.9	4532253.9	82	582256.5	4529949	132	580695	4515495
33	578347.8	4532334	83	582363.8	4529832	133	580905	4515552
34	578317.6	4532418.3	84	582417.8	4529754	134	581019.5	4515573
35	578343.3	4532461.7	85	582485.4	4529590	135	581130.1	4515572
36	578439.7	4532505.9	86	582432.4	4529352	136	581223.5	4515550
37	578609.1	4532589.5	87	582391.1	4529249	137	581350.2	4515477
38	578697.3	4532604.2	88	582387.6	4529125	138	581498.9	4515362
39	578805.2	4532613.3	89	582384.4	4529003	139	581618.9	4515225
40	578891.8	4532588.8	90	582376.3	4528876	140	581688.1	4515140
41	578992.1	4532586.9	91	582564.3	4526139	141	581759.9	4515016
42	579047.3	4532609.1	92	582656.5	4524943	142	581847	4514896



43	579148.8	4532613.3	93	582710.9	4524189	143	581905.6	4514816
44	579261.4	4532642.1	94	582763.9	4523528	144	582014.8	4514664
45	579274.1	4532565.6	95	582808.4	4522882	145	582105	4514597
46	579262.9	4532456.1	96	582848.7	4522434	146	582199.4	4514586
47	579314.8	4532347.7	97	582867.6	4522124	147	582390.6	4514610
48	579389.3	4532242.8	98	582878.3	4521887	148	582521.1	4514634
49	579477.6	4532327	99	582904.8	4521477	149	582743.6	4514615
50	579556.9	4532387.9	100	582928.4	4521104	150	582850.2	4514640
151	582951.6	4514673.6	201	586412	4508963	251	586683.9	4504113
152	582973	4514587.4	202	586591.4	4508767	252	586666.4	4504080
153	583013.4	4514435.5	203	586635.9	4508690	253	586534.1	4503961
154	583086.4	4514247.2	204	586744.4	4508522	254	586514.6	4503941
155	583135.2	4514118.4	205	586969	4508130	255	586478.8	4503892
156	583153.7	4513998.4	206	587114.7	4507883	256	586453.5	4503871
157	583169.2	4513864	207	587206.5	4507723	257	586341.6	4503806
158	583179.3	4513741.3	208	587241.7	4507657	258	586325.2	4503799
159	583183.4	4513591.7	209	587303.9	4507541	259	586323.1	4503798
160	583191.3	4513479.5	210	587494.1	4507192	260	586314.6	4503796
161	583187.7	4513338.2	211	587684.8	4506853	261	586292.5	4503792
162	583177.1	4513145.5	212	587764.2	4506688	262	586257.9	4503787
163	583158.5	4513009.8	213	587767	4506687	263	586234.6	4503786
164	583157.5	4512999.5	214	587811.6	4506598	264	586229.7	4503786
165	583127.5	4512759	215	587877	4506483	265	586205	4503788
166	583107.9	4512649.6	216	587953.4	4506332	266	586114.4	4503805
167	583074.9	4512583.3	217	588054.5	4506133	267	586069.6	4503823
168	583036.6	4512458.4	218	588168.3	4505955	268	586028.9	4503848
169	583041.9	4512324.1	219	588319.7	4505726	269	585955.5	4503932
170	583041.7	4512293.8	220	588468.8	4505515	270	585936.1	4503960
171	583054.4	4512188.7	221	588670.4	4505260	271	585923.2	4503979
172	583054	4512001.2	222	588887.3	4504953	272	585909.2	4503996
173	583067.8	4511919.2	223	588999.4	4504807	273	585894.2	4504009
174	583104.2	4511835.3	224	589148.9	4504603	274	585873	4504017
175	583157.5	4511776.6	225	589291	4504399	275	585834.8	4504018
176	583323.8	4511655	226	589410.9	4504216	276	585807.3	4504016
177	583363.2	4511573.2	227	589061.8	4504195	277	585775.6	4504010
178	583422.7	4511425	228	588887	4504199	278	585744	4503998
179	583485.5	4511300.3	229	588455.7	4504180	279	585717.6	4503990
180	583526.5	4511254.7	230	588216.4	4504230	280	585687	4503982
181	583674.3	4511204.4	231	588073.2	4504245	281	585659.5	4503981
182	583821	4511168.6	232	587565.5	4504254	282	585586.1	4503979
183	584012.6	4511130	233	587399.7	4504217	283	585554.3	4503982
184	584064.8	4511105.2	234	587298.5	4504181	284	585525.7	4503983
185	584106.4	4511076	235	587190.6	4504168	285	585485.5	4503982
186	584162.1	4511022.6	236	587077.3	4504169	286	585460.1	4503981
187	584201.8	4510975.4	237	587008.9	4504173	287	585446.3	4503981
188	584244.7	4510928.3	238	586981.2	4504171	288	585419.6	4503986



189	584376.7	4510863.1	239	586968.8	4504170	289	585409	4503992
190	584582.6	4510735.1	240	586894.2	4504151	290	585381.3	4504013
191	584829.3	4510591.8	241	586846	4504148	291	585365.3	4504028
192	584930.4	4510548.5	242	586816.9	4504151	292	585346.1	4504037
193	584999.6	4510514.3	243	586796.7	4504157	293	585325.9	4504043
194	585053.2	4510465.2	244	586783.4	4504164	294	585303.7	4504046
195	585283.6	4510200	245	586771.6	4504175	295	585279.3	4504046
196	585534.5	4509923.4	246	586751.4	4504207	296	585267.6	4504047
197	585658.4	4509816.3	247	586706	4504227	297	585208.2	4504058
198	585658.8	4509811.9	248	586703.1	4504198	298	585069.9	4504084
199	585783.7	4509666.9	249	586700.3	4504168	299	584899.3	4504137
200	586165	4509226.9	250	586695.8	4504147	300	584864.4	4504164
301	584819.1	4504257.1	351	582817.4	4505334	401	581567.9	4507591
302	584787.9	4504321.4	352	582873.9	4505520	402	581557.4	4507602
303	584765.8	4504370.9	353	582920.7	4505612	403	581534.6	4507644
304	584687.3	4504540.1	354	582999.7	4505741	404	581515.7	4507677
305	584650.6	4504609.9	355	583070.8	4505901	405	581482.2	4507715
306	584633.4	4504633.5	356	583093.9	4505975	406	581460.7	4507747
307	584603.4	4504660.2	357	583101	4505998	407	581423.3	4507778
308	584572.5	4504679	358	583104.1	4506013	408	581370	4507809
309	584539	4504689.5	359	583105	4506027	409	581347	4507847
310	584506.7	4504692.4	360	583104.8	4506036	410	581338.7	4507873
311	584472.4	4504689.7	361	583106.8	4506049	411	581325.6	4507903
312	584435.8	4504678.1	362	583107.7	4506064	412	581322.2	4507909
313	584395.7	4504668	363	583109.7	4506078	413	581300.8	4507937
314	584323.8	4504658.9	364	583101.9	4506105	414	581275.6	4507954
315	584314.2	4504654.4	365	583089	4506130	415	581235.6	4507975
316	584291.4	4504630.3	366	583061.1	4506158	416	581205.1	4508000
317	584278	4504615.8	367	583027	4506182	417	581140.8	4508060
318	584266.2	4504608.5	368	582789.3	4506310	418	581126.8	4508080
319	584254.3	4504604.4	369	582759	4506450	419	581106.3	4508120
320	584241.6	4504603.5	370	582741.6	4506492	420	581061.1	4508252
321	584218.8	4504606	371	582723.2	4506524	421	581035.2	4508315
322	584159.5	4504574.5	372	582593	4506653	422	580971.5	4508427
323	584090.9	4504539.2	373	582510.1	4506719	423	580949.5	4508453
324	583940.2	4504461.8	374	582462.8	4506741	424	580875.4	4508516
325	583783.1	4504399	375	582436.5	4506745	425	580832.6	4508554
326	583759.7	4504391.7	376	582330.3	4506749	426	580706.5	4508681
327	583689.1	4504373.4	377	582288.1	4506762	427	580688.8	4508699
328	583490.7	4504339.6	378	582191.5	4506818	428	580504.6	4508846
329	583465.4	4504332.9	379	582177.8	4506830	429	580443.3	4508929
330	583445.4	4504322.1	380	582090	4506877	430	580435	4508961
331	583360.6	4504270.5	381	582053.7	4506897	431	580421.5	4508988
332	583315.4	4504252.1	382	582032.4	4506911	432	580399.6	4509017
333	583294.3	4504252.8	383	582008.9	4506929	433	580382.5	4509034
334	583178.6	4504293.5	384	581982.1	4506957	434	580335.9	4509062



335	583048.1	4504339.4	385	581958.7	4507023	435	580286.4	4509077
336	582942.1	4504356.6	386	581927.4	4507111	436	580234.9	4509102
337	582923.3	4504364.7	387	581880.7	4507220	437	580191	4509130
338	582897.2	4504386.2	388	581811	4507380	438	580146.8	4509201
339	582885.4	4504399.3	389	581773.3	4507444	439	580068.8	4509310
340	582872.1	4504418	390	581768.5	4507453	440	580025.2	4509366
341	582851.7	4504442.4	391	581760	4507459	441	579995.6	4509404
342	582842.8	4504457.9	392	581729.2	4507475	442	579903.3	4509488
343	582840.6	4504465.3	393	581721.5	4507477	443	579868.4	4509526
344	582840.9	4504516	394	581699.6	4507484	444	579858.8	4509541
345	582836.7	4504566.4	395	581676.4	4507490	445	579846.6	4509571
346	582829.3	4504693	396	581648.5	4507495	446	579831.7	4509596
347	582799.2	4505043.8	397	581631.2	4507502	447	579826.9	4509602
348	582796.1	4505120.1	398	581616.5	4507514	448	579802.5	4509620
349	582798.5	4505227.1	399	581602.5	4507526	449	579792.8	4509625
350	582805.9	4505283.6	400	581600.6	4507533	450	579786.3	4509626
451	579767.9	4509633.6	501	579082	4510173	551	578286.3	4511075
452	579757.2	4509636.3	502	579074.1	4510168	552	578279.3	4511085
453	579752.5	4509642.5	503	579067	4510165	553	578272.2	4511096
454	579751.1	4509650.4	504	579057	4510171	554	578260.1	4511108
455	579758	4509707.4	505	578978.5	4510243	555	578238	4511131
456	579758.8	4509724.6	506	578963.4	4510250	556	578201.7	4511154
457	579758.7	4509731.5	507	578946.3	4510247	557	578196.1	4511156
458	579755.7	4509757.3	508	578938.3	4510249	558	578185.5	4511158
459	579740.3	4509810.1	509	578931.6	4510256	559	578165.4	4511168
460	579710.5	4509819.4	510	578926.1	4510271	560	578149.9	4511183
461	579683.9	4509827	511	578912.5	4510298	561	578136.7	4511158
462	579668.5	4509833.2	512	578905.4	4510303	562	578124.9	4511143
463	579652	4509842	513	578891.1	4510308	563	578110.4	4511131
464	579642.9	4509852.5	514	578870.8	4510310	564	578095.8	4511124
465	579634.8	4509865.6	515	578845.5	4510319	565	578069.2	4511118
466	579628.8	4509879.8	516	578833.5	4510326	566	578045.9	4511121
467	579613.4	4509929.4	517	578820.8	4510337	567	578027.8	4511131
468	579611.1	4509947.9	518	578811.4	4510347	568	578005.4	4511148
469	579607.1	4509969.6	519	578805.9	4510364	569	577984	4511165
470	579601.5	4509998.1	520	578803.9	4510390	570	577925.9	4511202
471	579580.6	4510039.5	521	578810.8	4510423	571	577891.4	4511221
472	579576.6	4510045.4	522	578828.8	4510472	572	577842.2	4511238
473	579569.8	4510063.9	523	578845	4510520	573	577793.5	4511248
474	579559.3	4510086.8	524	578852.9	4510553	574	577690	4511247
475	579548.7	4510103.5	525	578855.7	4510577	575	577629.3	4511252
476	579535.3	4510122.4	526	578859.7	4510606	576	577561.6	4511262
477	579530.6	4510128	527	578859.7	4510625	577	577525.6	4511273
478	579513.1	4510141.9	528	578859.6	4510635	578	577461.3	4511294
479	579502.7	4510147	529	578852.9	4510673	579	577393.8	4511330
480	579480.8	4510157.8	530	578848.2	4510691	580	577274.6	4511400



481	579468.1	4510164.6	531	578832	4510721	581	577232.5	4511420
482	579455.9	4510166.5	532	578820.5	4510737	582	577180	4511444
483	579439.4	4510166.9	533	578806.6	4510751	583	577166.1	4511446
484	579426.7	4510166.7	534	578799.3	4510762	584	577142.8	4511442
485	579402.4	4510168	535	578785.5	4510777	585	577094.3	4511400
486	579371.2	4510187	536	578727.3	4510822	586	577056.2	4511380
487	579355.3	4510194.2	537	578654	4510867	587	577037.3	4511376
488	579298.6	4510203.2	538	578646.7	4510870	588	576983.3	4511372
489	579242.5	4510197.4	539	578609.4	4510882	589	576957.9	4511369
490	579225.8	4510198.8	540	578538.5	4510898	590	576836.2	4511385
491	579207.2	4510192.6	541	578518.1	4510903	591	576782.2	4511379
492	579193.4	4510190.1	542	578491.2	4510912	592	576738.6	4511377
493	579183	4510191.5	543	578467.8	4510924	593	576701.2	4511382
494	579170.3	4510193.4	544	578447.8	4510938	594	576668.6	4511386
495	579157.6	4510191.7	545	578429.5	4510962	595	576634.4	4511387
496	579144.5	4510188.7	546	578390.4	4510997	596	576595.5	4511392
497	579128.7	4510185.8	547	578333.7	4511044	597	576566.8	4511394
498	579114.4	4510183.2	548	578323.3	4511051	598	576537.4	4511402
499	579103	4510178.7	549	578306.4	4511059	599	576514.2	4511413
500	579093	4510176.6	550	578301.1	4511063	600	576491.8	4511425
601	576472.8	4511425.9	651	574058.7	4511723	701	572223.8	4513763
602	576456.1	4511425	652	573994.1	4511777	702	572117.6	4513812
603	576439.5	4511416	653	573960.9	4511802	703	572011.7	4513972
604	576425.3	4511404.8	654	573923.4	4511831	704	571986.1	4514033
605	576408	4511393.4	655	573867.6	4511865	705	571973	4514112
606	576378	4511376.4	656	573734	4511915	706	572007	4514193
607	576313.4	4511360.8	657	573705	4511931	707	571954.9	4514275
608	576209.4	4511356.5	658	573691.6	4511942	708	571887	4514337
609	576193.9	4511350.1	659	573674.1	4511964	709	571819.1	4514390
610	576188.3	4511342.2	660	573668.5	4511975	710	571690.5	4514473
611	576165.9	4511308.1	661	573661.9	4511996	711	571594.7	4514515
612	576150.3	4511277.5	662	573653.2	4512015	712	571525.3	4514588
613	576137.1	4511256.1	663	573644.4	4512030	713	571416.8	4514705
614	576122.9	4511248	664	573628.9	4512045	714	571342.7	4514760
615	576107.9	4511245.5	665	573610.7	4512053	715	571322.3	4514810
616	576071.2	4511244.8	666	573585.2	4512059	716	571312.8	4514874
617	576006.6	4511226.9	667	573568.3	4512065	717	571291.1	4514934
618	575949.7	4511226.2	668	573562.8	4512068	718	571274.8	4514973
619	575904.6	4511229.7	669	573547.3	4512076	719	571264.1	4515002
620	575870.1	4511237.2	670	573540.9	4512084	720	571261.4	4515031
621	575818.3	4511257.8	671	573537	4512098	721	571265.1	4515056
622	575717.2	4511295.1	672	573540.4	4512142	722	571272	4515075
623	575653.4	4511322.1	673	573536.4	4512154	723	571274.2	4515091
624	575568	4511388.3	674	573518.9	4512181	724	571274	4515106
625	575506.4	4511415	675	573497.5	4512202	725	571273	4515127
626	575452.3	4511428.2	676	573460	4512244	726	571271.8	4515160



627	575413.5	4511430.2	677	573290.1	4512569	727	571278.7	4515188
628	575347.9	4511429.5	678	573271.4	4512601	728	571297.8	4515253
629	575284.4	4511420.3	679	573256.6	4512635	729	571324.5	4515297
630	575250.7	4511411.4	680	573244.6	4512679	730	571344.3	4515330
631	575223.2	4511406.9	681	573238.7	4512737	731	571336.1	4515350
632	575193.6	4511400.2	682	573231.3	4512758	732	571336.5	4515359
633	575143	4511382.7	683	573219.3	4512774	733	571341.1	4515374
634	575077.4	4511373.5	684	573202.4	4512786	734	571342	4515391
635	575031.3	4511374.4	685	573154.6	4512796	735	571342.8	4515410
636	574999.7	4511376.7	686	573111	4512795	736	571343.6	4515434
637	574762.5	4511422	687	573083.1	4512800	737	571348.2	4515454
638	574716.2	4511447.8	688	573039.7	4512824	738	571353.2	4515474
639	574702	4511464	689	573012.4	4512850	739	571360.8	4515510
640	574666.7	4511492.2	690	572940.3	4512903	740	571366.6	4515552
641	574618.7	4511521.8	691	572756.7	4513053	741	571367.5	4515587
642	574596.5	4511535	692	572728.6	4513117	742	571372.6	4515602
643	574534	4511559.5	693	572701.4	4513164	743	571389.9	4515618
644	574499.9	4511566.5	694	572621.9	4513273	744	571400.4	4515628
645	574299.5	4511611.2	695	572561.1	4513305	745	571411.9	4515638
646	574282.3	4511615.3	696	572465.4	4513407	746	571416.1	4515644
647	574240.7	4511615	697	572395.2	4513498	747	571424.5	4515652
648	574200.2	4511624.3	698	572348.1	4513588	748	571436	4515661
649	574134.9	4511647.9	699	572318.8	4513655	749	571444.9	4515673
650	574112.6	4511660.7	700	572284.7	4513716	750	571451.1	4515690
751	571454.6	4515701.5	801	571294.8	4516903	851	571783	4518117
752	571456.1	4515715.8	802	571294.6	4516919	852	571773.1	4518149
753	571462.8	4515724.9	803	571284.8	4516940	853	571779.4	4518186
754	571467.4	4515730.8	804	571269.6	4516976	854	571777.9	4518212
755	571469.6	4515739.7	805	571255.4	4517009	855	571777.4	4518222
756	571468.5	4515748.3	806	571254.9	4517052	856	571779.8	4518237
757	571465.1	4515756.2	807	571254.7	4517073	857	571783.9	4518252
758	571458.1	4515768.3	808	571247	4517097	858	571783.8	4518260
759	571451.6	4515778.7	809	571210.7	4517115	859	571780	4518266
760	571447.7	4515784.9	810	571205	4517146	860	571771.4	4518279
761	571446.3	4515793.4	811	571206.7	4517187	861	571764.9	4518291
762	571447.6	4515804.7	812	571212.7	4517216	862	571762.1	4518302
763	571454.3	4515819.6	813	571225.1	4517246	863	571762	4518313
764	571476.6	4515847.5	814	571234.4	4517265	864	571767.2	4518322
765	571502.5	4515882.2	815	571248	4517281	865	571776.1	4518327
766	571517.4	4515899	816	571261.6	4517290	866	571792.4	4518339
767	571537.9	4515912	817	571280.6	4517295	867	571806.8	4518350
768	571558.5	4515921.7	818	571304.9	4517301	868	571816	4518358
769	571579.1	4515925.9	819	571328.2	4517302	869	571815.2	4518400
770	571598.1	4515930.1	820	571359	4517293	870	571808.2	4518425
771	571613.1	4515934.3	821	571383.5	4517281	871	571804.6	4518455
772	571615.4	4515943	822	571417.3	4517250	872	571804.4	4518470



773	571605.7	4515954.8	823	571428.4	4517239	873	571804.9	4518484
774	571577.7	4515971.2	824	571449.5	4517230	874	571823.2	4518506
775	571560.1	4515988.4	825	571470.8	4517235	875	571836.1	4518523
776	571528.6	4516034.8	826	571490.6	4517265	876	571850.6	4518542
777	571514	4516056.2	827	571523.1	4517296	877	571851.1	4518553
778	571509.9	4516068.9	828	571549.3	4517322	878	571851.6	4518568
779	571501.5	4516115.6	829	571580.7	4517356	879	571848.3	4518595
780	571499.5	4516147.4	830	571620.8	4517461	880	571854.3	4518630
781	571500.8	4516172	831	571656.6	4517556	881	571859.7	4518661
782	571514.1	4516193.6	832	571669.5	4517612	882	571859.5	4518683
783	571544.8	4516222.4	833	571673.9	4517689	883	571849.7	4518724
784	571513.6	4516301.6	834	571678.2	4517722	884	571851.9	4518764
785	571495.7	4516334.8	835	571687	4517769	885	571864.7	4518804
786	571477.9	4516364.7	836	571683.5	4517816	886	571880.2	4518837
787	571474.4	4516390.1	837	571709.1	4517858	887	571898.9	4518902
788	571477.3	4516417.2	838	571726.7	4517881	888	571898.4	4518943
789	571484.6	4516476	839	571739.1	4517901	889	571891.1	4519007
790	571502.8	4516554	840	571743.3	4517910	890	571868.1	4519047
791	571513.4	4516598.6	841	571746.8	4517921	891	571835.8	4519093
792	571493.8	4516641.3	842	571748.2	4517934	892	571806.2	4519134
793	571472.7	4516682.4	843	571748.1	4517943	893	571780.8	4519160
794	571442.1	4516720.1	844	571742.9	4517966	894	571759.4	4519181
795	571416.3	4516753.2	845	571752.1	4518022	895	571743.2	4519210
796	571382.7	4516778.2	846	571758.3	4518040	896	571732.2	4519240
797	571339.5	4516801.5	847	571771	4518054	897	571713.4	4519266
798	571256.6	4516848.3	848	571777.2	4518064	898	571689.4	4519286
799	571286.6	4516877.2	849	571782.9	4518079	899	571666.8	4519295
800	571292.8	4516891	850	571785.9	4518095	900	571648	4519310
901	571642.6	4519327.6	951	571649.7	4520572	1001	571378	4521928
902	571638.1	4519373.8	952	571635.7	4520584	1002	571382	4521950
903	571629.8	4519405.5	953	571622.9	4520600	1003	571381.7	4521972
904	571612.3	4519427.8	954	571610.8	4520623	1004	571381.5	4521996
905	571596.1	4519455.4	955	571607.3	4520638	1005	571379	4522026
906	571589.2	4519476.5	956	571614.4	4520654	1006	571379.7	4522056
907	571578.3	4519506.8	957	571624.8	4520666	1007	571375.5	4522116
908	571551.6	4519526.4	958	571637.3	4520675	1008	571373.2	4522178
909	571518.5	4519531.3	959	571658.3	4520687	1009	571371.1	4522184
910	571506.6	4519529.8	960	571686.6	4520707	1010	571370.1	4522201
911	571477.8	4519525.7	961	571703.7	4520725	1011	571365.7	4522222
912	571498	4519638.7	962	571703.5	4520740	1012	571354.2	4522256
913	571506.3	4519653.6	963	571696.3	4520781	1013	571343	4522286
914	571519.7	4519684.5	964	571688.3	4520822	1014	571334.4	4522305
915	571539.5	4519715.4	965	571689.7	4520837	1015	571328.7	4522314
916	571558.2	4519746.3	966	571699.9	4520856	1016	571323.8	4522330
917	571578	4519777.3	967	571710.7	4520876	1017	571323.6	4522348
918	571595.5	4519815.6	968	571712.8	4520899	1018	571327.3	4522363



919	571611.9	4519861.3	969	571705.7	4520966	1019	571332.8	4522372
920	571643.2	4519912.5	970	571718.6	4520990	1020	571365.8	4522417
921	571658.8	4519939.1	971	571727.6	4521009	1021	571374.8	4522433
922	571675.5	4519955.2	972	571730.7	4521024	1022	571379.4	4522446
923	571702.9	4519972.5	973	571730.5	4521042	1023	571380.5	4522457
924	571732.3	4519990.8	974	571728.3	4521062	1024	571381.5	4522467
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FLETORJA ZYRTARE E REPUBLIKËS SË SHQIPËRISË
Vulosur elektronikisht nga Qendra e Botimeve Zyrtare
Viti: 2022 - Numri: 16
Datë: 2022/02/01 15:52:30
d6f9151b-5905-4a08-a396-73cb89b05f5a

*Shënim: Ky dokument është gjeneruar dhe vulosur me anë
të një procedure automatike nga një sistem elektronik
(Qendra e Botimeve Zyrtare)*

	Formati 61x86/8
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Shtypshkronja e Qendrës së Botimeve Zyrtare
Tiranë, 2022

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Tel./fax: +355 4 24 27 004 Tel.: +355 4 24 27 006

Çmimi 1216 lekë