

VENDIM
Nr. 590, datë 25.9.2024

PËR SHPALLJEN “PEIZAZH I MBROJTUR” (KATEGORIA V) TË ZONËS
“KUTURMAN–QAFË-BUSHI”

Në mbështetje të nenit 100 të Kushtetutës dhe të neneve 10, pikat 2 e 3, dhe 20, të ligjit nr. 81/2017, “Për zonat e mbrojtura”, të ndryshuar, me propozimin e ministrit të Turizmit dhe Mjedisit, Këshilli i Ministrave

VENDOSI:

1. Shpalljen “Peizazh i mbrojtur” (kategoria V) të zonës “Kuturman–Qafë-Bushi”, me sipërfaqe 4 160.26 (katër mijë e njëqind e gjashtëdhjetë pikë njëzet e gjashtë) ha, sipas mbulesës, hartës dhe koordinatave në shtojcat 1, 2 dhe 3, që i bashkëlidhen këtij vendimi dhe janë pjesë përbërëse e tij.

2. Në peizazhin e mbrojtur “Kuturman–Qafë-Bushi” zbatohet shkalla e tretë, sipas përcaktimeve të pikës 3, të nenit 20, të ligjit nr. 81/2017, “Për zonat e mbrojtura”, të ndryshuar.

3. Veprimtaritë e ndaluara në peizazhin e mbrojtur “Kuturman–Qafë-Bushi” janë ato të përcaktuara edhe në planin e menaxhimit, të cilat përkeqësojnë, shkatërrojnë dhe/ose çojnë në humbjen e habitateve natyrore dhe janë, si më poshtë vijon:

a) kultivimi e mbarështimi i specieve invazive dhe joendemike, të cilat mund të dëmtojnë zinxhirin ekzistues të botës së gjallë të zonës së mbrojtur;

b) fragmentimi i habitateve;

c) grumbullimi i kafshëve të egra, përveç rasteve me qëllim kërkimor-shkencor ose riprodhimi;

ç) gjuetia;

d) mbjellja e llojeve monokulturë (në pyllëzime).

4. Krahas veprimtarive të lejuara në peizazhin e mbrojtur “Kuturman–Qafë-Bushi”, sipas parashikimit të pikës 5, të nenit 20, të ligjit nr. 81/2017, “Për zonat e mbrojtura”, të ndryshuar, janë dhe veprimtaritë e mëposhtme:

a) veprimtaritë kërkimore-shkencore;

b) veprimtaritë me qëllim edukimin mjedisor;

c) veprimtaritë me qëllim monitorimin e gjendjes mjedisore, të ekosistemit, të habitateve dhe të llojeve floristike e faunistike;

ç) çdo veprimtari që lidhet me ndërhyrjet e nevojshme ose urgjente për përmirësimin e biodiversitetit, të rigjenerimit ose të shëndetësimit, ose çdo veprimtari tjetër për këtë qëllim;

d) veprimtaritë e zhvilluara në struktura miqësore me biodiversitetin dhe mjedisin;

dh) veprimtaritë e zhvilluara në struktura akomoduese të turizmit/agroturizmit dhe çdo veprimtari/infrastrukturë tjetër mbështetëse;

e) veprimtaritë ekonomike, shoqërore, nëpërmjet ndërtimit të strukturave miqësore me biodiversitetin;

ë) instalimet për veprimtari të prodhimit të energjisë nga burimet e rinovueshme, si dhe transmetimit e shpërndarjes së energjisë;

f) ndërtimi i mënyrave të transportit, miqësore me biodiversitetin, si: shtigje biçikletash, shtigje për ecje;

g) ndërhyrjet e lejuara urbane, rekreacioni apo ekonomike brenda zonës, duke ruajtur karakterin e saj;

gj) veprimtaritë bujqësore-blegtorale, pylltaria, kullotja;

h) veprimtaritë, që kanë të bëjnë me operimin, mirëmbajtjen dhe rehabilitimin/ndërtimin e infrastrukturës së ujitjes, kullimit, mbrojtjes nga përmbytja dhe sigurinë e digave;

i) ekoturizmi;

j) veprimtaritë kulturore;

k) veprimtaritë, të cilat inkurajojnë komunitetin vendor në mirëmbajtjen e zonës;

l) veprimtaritë e tilla, si: ndërtime, trajtimi i ujërave të zeza në ferma, ndërtimi i kanaleve lundruese, i autostradave, i zonave urbane, si dhe veprimtari të ngjashme me këto, nëse subjekti që kërkon të kryejë veprimtarinë është i pajisur me leje nga Këshilli Kombëtar i Territorit dhe Ujit;

ll) veprimtaritë ushtarake, të cilat mund të ushtrohen pas miratimit me shkrim/pajisjes me leje mjedisi;

m) çdo veprimtari tjetër në përputhje me planin e integruar të menaxhimit të zonës së mbrojtur.

5. Plani i menaxhimit të peizazhit të mbrojtur dhe objektivat e ruajtjes së zonës hartohen nga Agjencia Kombëtare e Zonave të Mbrojtura në bashkëpunim me ministrinë e linjës, me bashkitë, me publikun e interesuar, shoqërinë civile dhe me pronarët privatë, pronat e të cilëve shtrihen brenda territorit të zonës së mbrojtur dhe miratohen nga ministri përgjegjës për zonat e mbrojtura, brenda dy vjetëve nga data e hyrjes në fuqi të këtij vendimi.

6. Forma e administrimit/menaxhimit të territorit të peizazhit të mbrojtur “Kuturman–Qafë-Bushi” është e kombinuar, shtetërore, bashkiake dhe private.

7. Për veprimtaritë e lejuara, të parashikuara në pikën 4, të këtij vendimi, në lidhje me formën dhe mënyrën e përdorimit dhe të gëzimit të shërbimeve të kryera në këtë zonë zbatohen rregullat e përcaktuara me udhëzim të ministrit, nxjerrë në zbatim të pikës 4, të nenit 57, të ligjit nr. 81/2017, “Për zonat e mbrojtura”, të ndryshuar.

8. Përjashtimisht, për projektet që lidhen me veprimtaritë e lejuara në pikën 4, të këtij vendimi, për të cilat nevojitet miratim nga Këshilli Kombëtar i Territorit dhe Ujit, organet përgjegjëse, në vijim të vendimmarrjes së KKTU-së dhe në përputhje me të, hartojnë dhe nënshkruajnë me subjektin zhvillues marrëveshjen përkatëse, që parashikon rregulla për përdorimin e zonës së mbrojtur, ku bën pjesë projekti i miratuar nga KKTU-ja, në përputhje me legjislacionin në fuqi.

9. Të ardhurat, që krijohen nga përdorimi i zonës së mbrojtur, në varësi të formës së menaxhimit, administrohen e përdoren nga institucionet menaxhuese, në përputhje me legjislacionin në fuqi.

10. Për vijueshmërinë e veprimtarive që zhvillohen brenda territorit të peizazhit të mbrojtur ujqor/tokësor “Kuturman–Qafë-Bushi”, me kontrata zhvillimi të lidhura para hyrjes në fuqi të këtij vendimi dhe të pajisura me leje mjedisore dhe vendim të Këshillit Kombëtar të Territorit dhe Ujit, zbatohen parashikimet e ligjit nr. 81/2017, “Për zonat e mbrojtura”, të ndryshuar.

11. Me hyrjen në fuqi të këtij vendimi, akti nënligjor që e ka shpallur këtë zonë të mbrojtur shfuqizohet.

12. Ngarkohen Ministria e Turizmit dhe Mjedisit, Agjencia Kombëtare e Zonave të Mbrojtura, Agjencia Shtetërore e Kadastrës dhe bashkitë Librazhd dhe Elbasan për zbatimin e këtij vendimi.

Ky vendim hyjnë në fuqi pas botimit në Fletoren Zyrtare.

ZËVENDËSKRYEMINISTËR
Belinda Balluku

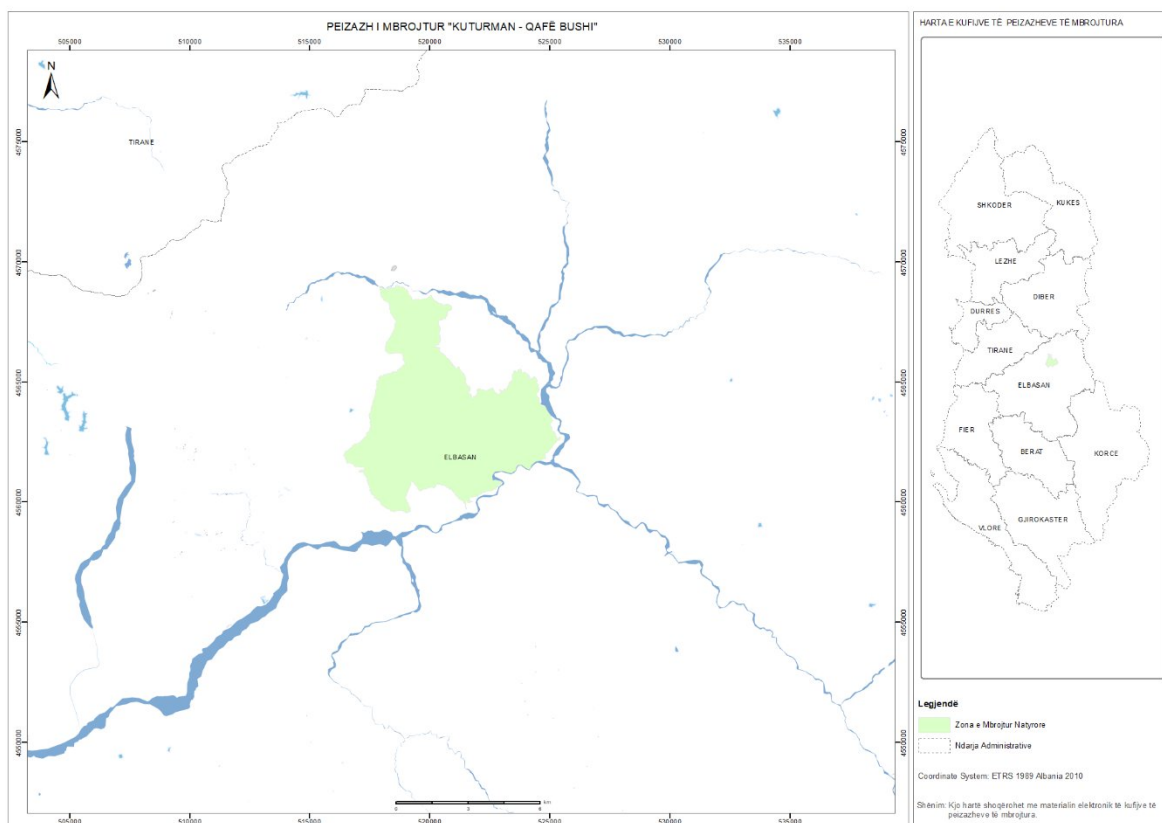
SHTOJCA 1

Sipërfaqja e zonës së mbrojtur, e përshkruar sipas mbulesës

Mbulesa	Sip. në ha	Përqindja
Pyje	3074.9	73.91
Sipërfaqe heterogjene bujqësore	50.46	1.21
Sipërfaqe pa/ose me vegjetacion të pakët	50.3	1.21
Shkurre dhe bimësi barishtore	984.6	23.67
Total	4160.26	100.00

SHTOJCA 2

Harta e peizazhit të mbrojtur “Kuturman–Qafë-Bushi”



SHTOJCA 3

Koordinatat e peizazhit të mbrojtur “Kuturman–Qafë-Bushi”

Pikat	X	Y	Pikat	X	Y	Pikat	X	Y
1	521769.6	4560014.4	51	521152.1	4560187	101	520235.1	4560677
2	521750.2	4559994	52	521134.7	4560202	102	520200.9	4560626
3	521706	4560002.2	53	521114.5	4560233	103	520160.3	4560594
4	521702.7	4560000.8	54	521089	4560264	104	520137.8	4560587
5	521673.7	4559988.7	55	521058.7	4560292	105	520106.1	4560586
6	521667.1	4559988.9	56	521047.6	4560300	106	520064.9	4560602

7	521658.5	4559990.3	57	521038.8	4560308	107	520057.3	4560602
8	521617.2	4559986.4	58	521033.5	4560323	108	520024.4	4560613
9	521595.6	4559983.2	59	521030.5	4560341	109	520017.4	4560609
10	521575.7	4559978.9	60	521021.1	4560366	110	520002.4	4560614
11	521573.3	4559982.4	61	521001.8	4560384	111	519985.3	4560610
12	521529.4	4560045.6	62	520985.4	4560391	112	519974.7	4560609
13	521520.8	4560058	63	520939	4560427	113	519946.4	4560595
14	521473	4560025.6	64	520930	4560447	114	519930.6	4560590
15	521493.4	4559947	65	520929	4560461	115	519914.1	4560585
16	521493.6	4559928.5	66	520928.9	4560476	116	519903.6	4560580
17	521494.2	4559876.2	67	520928.7	4560492	117	519881.1	4560573
18	521491.6	4559832.1	68	520920.6	4560509	118	519864	4560567
19	521509.1	4559742.2	69	520911.7	4560519	119	519848.8	4560563
20	521515.6	4559723.5	70	520883.1	4560519	120	519838.2	4560564
21	521494	4559713.4	71	520862.4	4560523	121	519821	4560565
22	521491.6	4559721.5	72	520853	4560526	122	519814.5	4560556
23	521492.1	4559736.1	73	520810.2	4560547	123	519806.6	4560549
24	521495.3	4559750	74	520754.2	4560590	124	519792.4	4560549
25	521495.8	4559760.6	75	520711.8	4560596	125	519774.4	4560537
26	521495	4559770.5	76	520687.3	4560608	126	519738.6	4560526
27	521489.6	4559781	77	520675.3	4560615	127	519688.6	4560514
28	521482.2	4559789.5	78	520643.8	4560646	128	519664.9	4560513
29	521469.6	4559800	79	520614.2	4560677	129	519666.6	4560507
30	521458.1	4559818.4	80	520600.3	4560684	130	519655.7	4560494
31	521451.1	4559850.1	81	520587.3	4560682	131	519645.5	4560489
32	521453.4	4559883.2	82	520573.2	4560681	132	519629.1	4560478
33	521450.5	4559904.3	83	520557.6	4560681	133	519597.1	4560468
34	521435.6	4559929.3	84	520543	4560681	134	519561.8	4560452
35	521424.8	4559950.3	85	520523.2	4560681	135	519415.1	4560664
36	521400.8	4559966	86	520509.6	4560687	136	519219.6	4560884
37	521387.4	4559980.4	87	520486.5	4560700	137	519190.5	4560745
38	521373.9	4560008	88	520481.5	4560701	138	519069.4	4560461
39	521372.3	4560031.8	89	520452.4	4560718	139	518979.9	4560185
40	521357.5	4560050.2	90	520428.9	4560730	140	519181.7	4559728
41	521326.9	4560061.7	91	520411.4	4560733	141	519175.5	4559715
42	521300.3	4560073.3	92	520392.3	4560742	142	519171.4	4559700
43	521271.1	4560079.6	93	520383.8	4560745	143	519157	4559669
44	521255	4560096.6	94	520356.4	4560744	144	519155.5	4559659
45	521241.7	4560109.7	95	520324.9	4560751	145	519159.3	4559649
46	521216.5	4560112.1	96	520297.6	4560769	146	519169.5	4559638
47	521209.8	4560122.6	97	520293.1	4560772	147	519167.1	4559632
48	521209.5	4560143.8	98	520286.8	4560762	148	519162.8	4559621
49	521202.7	4560158.2	99	520277.2	4560739	149	519158.6	4559617

50	521182.8	4560164.6	100	520245.8	4560693	150	519148.7	4559603
151	519129.8	4559592.5	201	518248.1	4559733	251	517623.3	4560320
152	519106.7	4559584.7	202	518225.8	4559737	252	517604.1	4560322
153	519100.4	4559580.4	203	518199.9	4559736	253	517590.9	4560322
154	519087.7	4559573.9	204	518173.4	4559740	254	517579	4560313
155	519080.3	4559571.7	205	518153.7	4559748	255	517562.3	4560303
156	519074	4559569.5	206	518141.2	4559763	256	517531.8	4560337
157	519064.6	4559563	207	518127.5	4559781	257	517544.1	4560351
158	519055.1	4559560.8	208	518115.9	4559791	258	517555.6	4560365
159	519046.6	4559559.7	209	518106.5	4559799	259	517554.2	4560372
160	519042.4	4559556.4	210	518100	4559810	260	517536.2	4560392
161	519038.3	4559549	211	518089.8	4559815	261	517523.4	4560407
162	519033.1	4559536.2	212	518074.2	4559813	262	517518	4560415
163	519023.6	4559539.3	213	518056.7	4559819	263	517512.5	4560431
164	518997.9	4559559.1	214	518033.3	4559830	264	517509.7	4560443
165	518987.2	4559573.8	215	518016.2	4559844	265	517503	4560452
166	518977.5	4559585.3	216	517998.8	4559850	266	517490.9	4560465
167	518962.6	4559595.7	217	517991	4559861	267	517484.8	4560475
168	518950.9	4559597.7	218	517992.5	4559878	268	517483.2	4560500
169	518937.1	4559599.7	219	517991.5	4559889	269	517490.8	4560537
170	518919.1	4559603.7	220	517973.3	4559896	270	517489.4	4560561
171	518905.3	4559607.8	221	517949.1	4559898	271	517482.3	4560603
172	518892.5	4559614	222	517933.4	4559906	272	517468.5	4560650
173	518879.7	4559621.2	223	517928.7	4559925	273	517455.5	4560685
174	518869.1	4559627.5	224	517931.6	4559952	274	517426.8	4560711
175	518853.1	4559638.9	225	517934.6	4559970	275	517418	4560726
176	518827.6	4559650.3	226	517933.2	4559980	276	517410.8	4560745
177	518800	4559653.1	227	517919.7	4559990	277	517403.8	4560779
178	518781	4559648.7	228	517909.5	4560007	278	517404.3	4560797
179	518717.5	4559650.4	229	517896.4	4560046	279	517397.9	4560830
180	518694.7	4559650.6	230	517879.6	4560064	280	517389.8	4560849
181	518654.6	4559641.3	231	517857.1	4560089	281	517381.7	4560863
182	518647	4559641.2	232	517839.9	4560094	282	517377.5	4560879
183	518619.6	4559637.7	233	517827.9	4560093	283	517374	4560894
184	518592.1	4559630	234	517804.4	4560089	284	517371.2	4560912
185	518574.2	4559621.3	235	517776.4	4560095	285	517371	4560931
186	518561.6	4559612.7	236	517766.1	4560109	286	517368.4	4560963
187	518548	4559600.9	237	517755.1	4560119	287	517370.4	4560988
188	518540.8	4559586	238	517707.6	4560147	288	517368.4	4561009
189	518536.6	4559579.6	239	517657.9	4560204	289	517353.3	4561012
190	518526.1	4559577.4	240	517657.2	4560214	290	517344.6	4561018
191	518486.7	4559590.7	241	517664.6	4560214	291	517339.9	4561023
192	518441	4559609.2	242	517675.3	4560208	292	517334.5	4561029

193	518415.5	4559618.4	243	517678.9	4560213	293	517321.8	4561041
194	518399.2	4559617.1	244	517675.6	4560229	294	517315.7	4561051
195	518372.1	4559627.9	245	517669	4560244	295	517315.6	4561063
196	518359.2	4559641	246	517664.7	4560254	296	517315.5	4561071
197	518346.9	4559658.9	247	517659.9	4560257	297	517314.1	4561081
198	518332.4	4559674.1	248	517653.6	4560274	298	517293.3	4561102
199	518303.7	4559687.5	249	517645.3	4560303	299	517278.5	4561121
200	518270.6	4559708.8	250	517639.3	4560312	300	517264.5	4561133
301	517202	4561242.1	351	516387.6	4561972	401	517273.2	4562704
302	517032.8	4561246.1	352	516407.8	4561990	402	517302.1	4562716
303	517045.1	4561276.5	353	516419.1	4561999	403	517324.5	4562730
304	517051.2	4561298.8	354	516451.6	4562043	404	517340.2	4562749
305	517062.9	4561314.8	355	516450	4562077	405	517350.4	4562776
306	517077.1	4561328.4	356	516452.6	4562098	406	517355.4	4562806
307	517093.7	4561335	357	516461.6	4562118	407	517351.2	4562827
308	517169	4561345.4	358	516482.7	4562126	408	517344.3	4562849
309	517245.3	4561341.5	359	516506.4	4562132	409	517354.7	4562868
310	517247.4	4561365.3	360	516532.6	4562138	410	517367.8	4562876
311	517253.4	4561396.4	361	516560.5	4562144	411	517375.6	4562891
312	517262.3	4561423.1	362	516576.4	4562153	412	517382.1	4562903
313	517207	4561450	363	516588.2	4562164	413	517399.2	4562912
314	517182.5	4561459.2	364	516599	4562180	414	517413.6	4562924
315	517159.3	4561453.7	365	516614.1	4562194	415	517429.2	4562943
316	517121.2	4561449	366	516636	4562203	416	517441	4562957
317	517085.2	4561452.7	367	516651.1	4562218	417	517460.7	4562971
318	517065.2	4561462	368	516658.5	4562239	418	517468.5	4562982
319	517037.3	4561469.6	369	516680.3	4562256	419	517480.2	4563004
320	516957.7	4561488.4	370	516700.1	4562276	420	517489.2	4563026
321	516933.3	4561492.4	371	516721	4562298	421	517483.7	4563041
322	516921.7	4561490.1	372	516742	4562313	422	517478.2	4563056
323	516911.3	4561473.1	373	516750.2	4562343	423	517478	4563073
324	516896.8	4561448.6	374	516770.1	4562357	424	517488.4	4563093
325	516889.3	4561450.6	375	516810.1	4562377	425	517504	4563118
326	516872.1	4561477.9	376	516829	4562394	426	517511.8	4563133
327	516839	4561501.9	377	516844.7	4562412	427	517515.5	4563152
328	516807.8	4561543.9	378	516863.6	4562418	428	517516.4	4563187
329	516785.2	4561577.5	379	516893.3	4562422	429	517516.1	4563215
330	516772.3	4561590.1	380	516919.7	4562425	430	517515.9	4563234
331	516748	4561591.9	381	516946.1	4562425	431	517506.4	4563252
332	516705.5	4561596.7	382	516959.7	4562440	432	517495.7	4563268
333	516678	4561602.7	383	516974.4	4562451	433	517487.4	4563295
334	516634.8	4561631.6	384	516999.9	4562450	434	517491.2	4563306
335	516613.9	4561653.6	385	517027.5	4562443	435	517483	4563329

336	516606	4561653.5	386	517050.6	4562457	436	517484.1	4563348
337	516602.1	4561644	387	517059.9	4562474	437	517483.9	4563367
338	516592	4561627.2	388	517072.4	4562499	438	517486.8	4563392
339	516576.5	4561604.9	389	517089.1	4562513	439	517484	4563427
340	516561.3	4561600.9	390	517092	4562538	440	517478.6	4563479
341	516540.9	4561625	391	517103.5	4562553	441	517470.3	4563515
342	516522.7	4561643.8	392	517127.8	4562557	442	517469.2	4563539
343	516517.2	4561664.9	393	517150	4562564	443	517467.5	4563548
344	516513.6	4561697.7	394	517161.5	4562584	444	517461.9	4563554
345	516514.3	4561727.4	395	517164.4	4562606	445	517456.8	4563582
346	516488.8	4561794	396	517186.5	4562618	446	517451.6	4563619
347	516443.4	4561876.1	397	517211.8	4562630	447	517500.4	4563704
348	516424	4561906.3	398	517227.4	4562653	448	517521.7	4563787
349	516404.7	4561923.9	399	517238.8	4562679	449	517535.2	4563862
350	516391.7	4561953	400	517243.9	4562696	450	517552.3	4563889
451	517558.1	4563933.3	501	517995.2	4565251	551	518692	4565534
452	517582.5	4564024.1	502	518031.7	4565249	552	518705.5	4565537
453	517597.8	4564078.2	503	518062.5	4565265	553	518723.6	4565545
454	517597.1	4564135.4	504	518065.5	4565278	554	518735.5	4565549
455	517601.5	4564170.4	505	518069.3	4565293	555	518740.2	4565556
456	517615.4	4564199.1	506	518081.9	4565305	556	518741.6	4565567
457	517637.2	4564239.1	507	518099.3	4565313	557	518743	4565589
458	517654.4	4564263.1	508	518123.9	4565315	558	518749.2	4565599
459	517679	4564336.1	509	518147	4565310	559	518766.6	4565606
460	517678.4	4564385.3	510	518157.3	4565312	560	518781.6	4565613
461	517689	4564429.9	511	518194.7	4565338	561	518794.2	4565625
462	517691.8	4564461.7	512	518211.9	4565338	562	518806.7	4565641
463	517709	4564484.1	513	518254.3	4565331	563	518820.8	4565653
464	517713.5	4564509.6	514	518279.5	4565328	564	518849.8	4565667
465	517713.3	4564528.6	515	518278.4	4565336	565	518861.3	4565679
466	517714.4	4564574.7	516	518276.1	4565345	566	518878.1	4565693
467	517733	4564609.8	517	518277.1	4565356	567	518887.5	4565708
468	517737.3	4564648	518	518285.5	4565360	568	518894.8	4565714
469	517741.5	4564698.9	519	518297.7	4565357	569	518905.4	4565714
470	517772.4	4564749.4	520	518316.4	4565347	570	518934.9	4565723
471	517772.1	4564774.5	521	518328.6	4565339	571	518951.7	4565737
472	517771.7	4564810.3	522	518345.6	4565337	572	518958	4565746
473	517771.5	4564832.8	523	518355	4565343	573	518966.3	4565754
474	517764.5	4564860.5	524	518364.4	4565354	574	518941.3	4565807
475	517759	4564880.3	525	518370.1	4565367	575	518914.3	4565851
476	517758.8	4564900.1	526	518374.2	4565376	576	518900.8	4565882
477	517765.2	4564918.7	527	518383.7	4565382	577	518880.4	4565921
478	517771.6	4564937.3	528	518410	4565399	578	518866.7	4565963

479	517772.7	4564959.8	529	518439.5	4565411	579	518856.7	4566029
480	517772.4	4564979.7	530	518450.5	4565423	580	518860.2	4566069
481	517770.9	4565000.8	531	518468.8	4565442	581	518845.1	4566159
482	517755.4	4565036.5	532	518486.2	4565448	582	518822.7	4566176
483	517762.4	4565045.3	533	518507.9	4565447	583	518776.5	4566189
484	517775	4565057.3	534	518516.9	4565443	584	518733.5	4566199
485	517798.8	4565063.2	535	518528.7	4565435	585	518639.8	4566201
486	517819.4	4565062.6	536	518541.4	4565430	586	518536.6	4566194
487	517839.3	4565065.1	537	518556.7	4565423	587	518398.5	4566183
488	517849.5	4565077.9	538	518574.3	4565414	588	518292.5	4566188
489	517856.5	4565093.1	539	518582.9	4565418	589	518236	4566211
490	517859.4	4565116.2	540	518590.8	4565423	590	518122.3	4566275
491	517859.1	4565141.6	541	518597	4565434	591	518132.2	4566338
492	517854.8	4565168.5	542	518606.5	4565445	592	518133.6	4566426
493	517852.1	4565192.3	543	518618.3	4565447	593	518152.6	4566570
494	517864.7	4565205.2	544	518628.6	4565452	594	518167.6	4566612
495	517886.1	4565211.7	545	518642	4565460	595	518194.1	4566662
496	517901.8	4565226.2	546	518649	4565473	596	518218	4566698
497	517911.9	4565239	547	518644.1	4565489	597	518348.9	4566911
498	517916.5	4565255.8	548	518642.3	4565502	598	518444.3	4567079
499	517931.5	4565266.3	549	518651	4565510	599	518501.5	4567256
500	517958.5	4565265.8	550	518673	4565530	600	518512.6	4567348
601	518519.8	4567388.9	651	517949.7	4568959	701	518472	4568911
602	518528.9	4567420.7	652	517956.8	4568959	702	518493.5	4568915
603	518546.6	4567456.9	653	517968.1	4568957	703	518520.2	4568921
604	518567.5	4567478.4	654	517976.2	4568955	704	518534.7	4568927
605	518592.4	4567525.2	655	517982.5	4568953	705	518544.8	4568936
606	518587.9	4567552.7	656	517988.7	4568950	706	518556	4568949
607	518549.3	4567588.2	657	517994.9	4568945	707	518561.5	4568975
608	518519	4567606.9	658	517999.2	4568941	708	518568.2	4568993
609	518502.8	4567632.1	659	518002.9	4568933	709	518576.3	4569006
610	518464.2	4567714.5	660	518007.4	4568928	710	518607.1	4569017
611	518438.4	4567755.1	661	518016.2	4568916	711	518628.7	4569017
612	518355.4	4567852.4	662	518022.2	4568911	712	518661.2	4569009
613	518336	4567902.5	663	518028	4568902	713	518680.9	4569004
614	518326.3	4567965.8	664	518043.3	4568889	714	518708.4	4568991
615	518318.6	4568049.3	665	518052.3	4568883	715	518732	4568982
616	518306.7	4568106.9	666	518059.5	4568880	716	518749.8	4568979
617	518300.4	4568158.1	667	518066.4	4568880	717	518772.7	4568977
618	518286	4568238.9	668	518074.3	4568882	718	518793.7	4568974
619	518281.8	4568272	669	518079.3	4568883	719	518813.5	4568969
620	518280.7	4568299.8	670	518084.9	4568884	720	518829.5	4568960
621	518277.9	4568304.1	671	518093.9	4568880	721	518835.9	4568951

622	518271.5	4568307.2	672	518100.9	4568874	722	518849.9	4568945
623	518265.9	4568308.3	673	518105.7	4568869	723	518862.7	4568940
624	518237.2	4568314.6	674	518113.2	4568863	724	518897.1	4568931
625	518188.1	4568334.6	675	518120.6	4568858	725	518915.9	4568915
626	518151.4	4568353.6	676	518130.5	4568852	726	518926.9	4568904
627	518086.7	4568380.4	677	518136.6	4568851	727	518954.4	4568888
628	518069.8	4568396.9	678	518144.6	4568848	728	518976.8	4568875
629	518048	4568429.9	679	518157.9	4568846	729	518995.4	4568859
630	518028.6	4568463.1	680	518167.9	4568847	730	519015.9	4568844
631	518001.9	4568503.2	681	518177.9	4568851	731	519035.1	4568829
632	517984.2	4568523.7	682	518182.9	4568855	732	519054.5	4568797
633	517964.2	4568539.3	683	518188.7	4568857	733	519064.4	4568781
634	517944.9	4568562.1	684	518194.7	4568861	734	519068.4	4568766
635	517939	4568588.2	685	518199.7	4568864	735	519078.7	4568748
636	517936.3	4568613.6	686	518202.6	4568868	736	519090.4	4568732
637	517932.8	4568640.6	687	518206.2	4568873	737	519096.3	4568710
638	517932.5	4568669.9	688	518213.3	4568880	738	519094.7	4568686
639	517927.4	4568700.8	689	518218	4568886	739	519094.9	4568667
640	517921.3	4568743.6	690	518223.5	4568892	740	519101.4	4568654
641	517918.7	4568755.5	691	518247.2	4568901	741	519121.3	4568640
642	517910.7	4568874.9	692	518264.3	4568910	742	519134.8	4568626
643	517909.6	4568916.2	693	518307.3	4568925	743	519147.8	4568601
644	517908	4568969.3	694	518332.7	4568927	744	519161.3	4568585
645	517912.3	4568967.9	695	518358.1	4568923	745	519185.2	4568565
646	517915.5	4568965.4	696	518379.1	4568919	746	519210.1	4568548
647	517918.9	4568961.8	697	518398.1	4568925	747	519219.2	4568532
648	517923.4	4568960.2	698	518416.6	4568922	748	519224.7	4568500
649	517930.6	4568959.4	699	518436.4	4568910	749	519232.6	4568472
650	517941.2	4568959.1	700	518453.6	4568907	750	519249.4	4568445
751	519269.5	4568416.2	801	520249.1	4568348	851	520850.5	4567998
752	519283.6	4568400.5	802	520268.9	4568340	852	520841.4	4567989
753	519299.5	4568400	803	520283.6	4568329	853	520833.9	4567982
754	519316.5	4568414.2	804	520292	4568314	854	520826	4567977
755	519341.1	4568425.3	805	520308.6	4568307	855	520819.7	4567975
756	519366.4	4568437.7	806	520338.6	4568299	856	520804.5	4567969
757	519398.6	4568455.8	807	520359.7	4568290	857	520792.4	4567966
758	519410.7	4568455.3	808	520373.2	4568274	858	520779.6	4567960
759	519418.4	4568443.3	809	520382.2	4568263	859	520770	4567954
760	519428.8	4568423.8	810	520409.6	4568257	860	520766.1	4567949
761	519446.1	4568424.4	811	520434.4	4568252	861	520760.9	4567940
762	519486.6	4568431.3	812	520483.5	4568240	862	520756.7	4567933
763	519512	4568432.2	813	520499.5	4568232	863	520744.6	4567924
764	519545.2	4568424.3	814	520514.2	4568220	864	520730.5	4567910

765	519565	4568416.3	815	520524.4	4568214	865	520721.4	4567894
766	519589	4568422.3	816	520546.9	4568216	866	520715.5	4567890
767	519632.1	4568436.7	817	520584.4	4568221	867	520709.7	4567887
768	519691	4568451.4	818	520612	4568220	868	520702.9	4567885
769	519710	4568454.2	819	520625.8	4568215	869	520700.2	4567883
770	519722	4568457.5	820	520634.8	4568216	870	520700.5	4567880
771	519739.7	4568466.6	821	520647.9	4568225	871	520704.3	4567875
772	519754.3	4568471.8	822	520665.3	4568229	872	520717.2	4567861
773	519764.4	4568470	823	520686.5	4568232	873	520723.6	4567856
774	519774.1	4568461.9	824	520700.7	4568236	874	520728.4	4567850
775	519785	4568453.7	825	520726	4568246	875	520732.2	4567842
776	519791.9	4568457	826	520737.7	4568246	876	520733.1	4567833
777	519798.2	4568463.4	827	520745.7	4568240	877	520730.1	4567821
778	519820.8	4568477.5	828	520755.4	4568225	878	520722.6	4567805
779	519838.6	4568476.8	829	520765.7	4568204	879	520716.6	4567791
780	519858.1	4568477	830	520773.7	4568194	880	520711.5	4567782
781	519889.3	4568488.4	831	520782.2	4568197	881	520703.1	4567770
782	519904.4	4568500.4	832	520793.2	4568208	882	520697.7	4567759
783	519929.5	4568529.5	833	520810	4568214	883	520689.7	4567745
784	519952.9	4568550.1	834	520823.3	4568213	884	520677	4567729
785	519984	4568576.7	835	520837.1	4568205	885	520663.8	4567712
786	520008.2	4568607.5	836	520861	4568178	886	520654.1	4567696
787	520021.7	4568606.8	837	520887.7	4568155	887	520647.9	4567683
788	520038	4568589.2	838	520893.7	4568134	888	520644.6	4567677
789	520049.9	4568585.1	839	520900.3	4568113	889	520643.4	4567668
790	520062.1	4568561.5	840	520899.5	4568095	890	520643.1	4567662
791	520079.3	4568538.9	841	520895.6	4568064	891	520635.9	4567648
792	520096.5	4568513.7	842	520888.1	4568028	892	520629.9	4567637
793	520107	4568489.2	843	520885.7	4568024	893	520622.4	4567630
794	520122.5	4568461.4	844	520882.7	4568022	894	520616.3	4567625
795	520134.6	4568440.4	845	520878.2	4568020	895	520606.3	4567622
796	520152.8	4568409.3	846	520873.3	4568018	896	520601	4567621
797	520176.1	4568393.8	847	520870	4568014	897	520593.1	4567623
798	520201.1	4568379.5	848	520867.9	4568010	898	520588.6	4567623
799	520220.3	4568367	849	520865	4568005	899	520585.5	4567622
800	520236.3	4568357	850	520857.8	4568001	900	520582.8	4567623
901	520572.9	4567627.2	951	520343.6	4567553	1001	520418.1	4567161
902	520564.6	4567629.5	952	520342.5	4567551	1002	520418.6	4567156
903	520554.7	4567634.4	953	520343.4	4567548	1003	520418.2	4567152
904	520548.1	4567637.8	954	520347.1	4567544	1004	520415.9	4567149
905	520544.3	4567640.5	955	520349.9	4567540	1005	520412.6	4567145
906	520541.8	4567643.9	956	520351.2	4567537	1006	520409.6	4567143
907	520540.1	4567646.9	957	520351.5	4567532	1007	520407.1	4567142

908	520538.4	4567649.6	958	520350.3	4567521	1008	520403.7	4567140
909	520535.1	4567651.1	959	520348.3	4567510	1009	520399	4567133
910	520531.9	4567651.3	960	520346.9	4567501	1010	520395.2	4567129
911	520528.7	4567650.1	961	520346.3	4567494	1011	520391.2	4567127
912	520525.9	4567646.6	962	520345.1	4567491	1012	520388.9	4567125
913	520522.2	4567640	963	520343.3	4567487	1013	520386.6	4567121
914	520521.6	4567636.1	964	520339.5	4567482	1014	520385.8	4567117
915	520521.4	4567633.2	965	520337.4	4567480	1015	520386.9	4567111
916	520521.2	4567624.2	966	520336.2	4567477	1016	520386.2	4567104
917	520518.2	4567612.5	967	520336.2	4567475	1017	520383.6	4567088
918	520515.8	4567604.7	968	520337.7	4567471	1018	520380.8	4567067
919	520512.1	4567599.2	969	520341.4	4567466	1019	520378.5	4567058
920	520506	4567592.8	970	520345.9	4567461	1020	520377.8	4567054
921	520503.2	4567590.5	971	520348	4567458	1021	520375.2	4567051
922	520489.6	4567586.7	972	520350.2	4567450	1022	520371	4567045
923	520480.3	4567583.9	973	520351.9	4567437	1023	520368.4	4567042
924	520460.4	4567578.8	974	520352.4	4567434	1024	520366.9	4567036
925	520444.9	4567575.8	975	520353.3	4567427	1025	520364.3	4567030
926	520436.7	4567574.6	976	520353.8	4567419	1026	520362.2	4567026
927	520431.4	4567573.1	977	520354.1	4567410	1027	520359.1	4567022
928	520423.6	4567568.5	978	520351.8	4567404	1028	520357.3	4567018
929	520417.3	4567565.7	979	520349.1	4567399	1029	520355.8	4567011
930	520414	4567564.2	980	520347.3	4567395	1030	520355.9	4567004
931	520410.9	4567564	981	520348	4567388	1031	520356	4566998
932	520407	4567565.3	982	520349.2	4567376	1032	520354.9	4566993
933	520402.5	4567566.8	983	520351.4	4567370	1033	520354.5	4566987
934	520399	4567568.1	984	520355.8	4567362	1034	520353.8	4566981
935	520394.4	4567569.4	985	520360	4567352	1035	520355.6	4566978
936	520388.7	4567569.9	986	520365.5	4567344	1036	520362.3	4566977
937	520382.5	4567571	987	520378.2	4567330	1037	520367	4566976
938	520374.1	4567573.5	988	520383.4	4567321	1038	520371.8	4566975
939	520371.2	4567575.6	989	520389.5	4567305	1039	520374.5	4566973
940	520368.8	4567576.1	990	520396.6	4567287	1040	520378.3	4566968
941	520366.9	4567575.7	991	520398.6	4567279	1041	520381.5	4566965
942	520364.2	4567573.7	992	520401	4567274	1042	520390.2	4566957
943	520362.2	4567569.2	993	520405.3	4567268	1043	520397.7	4566951
944	520358.8	4567564.6	994	520408.7	4567262	1044	520402	4566943
945	520356.3	4567559.8	995	520410.9	4567254	1045	520403.2	4566933
946	520354.6	4567557	996	520412.8	4567236	1046	520405.9	4566927
947	520352.9	4567555.4	997	520417.3	4567219	1047	520410.7	4566919
948	520350.4	4567554.6	998	520419	4567195	1048	520413.5	4566911
949	520348.4	4567554.3	999	520418.1	4567182	1049	520415.4	4566905
950	520345.9	4567553.8	1000	520417.2	4567170	1050	520418.9	4566899

1051	520423.5	4566892.5	1101	520201.9	4566477	1151	520383.7	4566324
1052	520426.5	4566882.7	1102	520198	4566471	1152	520386.3	4566320
1053	520428.8	4566870.3	1103	520191.9	4566459	1153	520390.8	4566315
1054	520430	4566855.9	1104	520190	4566451	1154	520394.5	4566304
1055	520429	4566849.2	1105	520187.8	4566445	1155	520395.9	4566301
1056	520427.2	4566840.6	1106	520187.1	4566441	1156	520398.1	4566291
1057	520424.2	4566831.4	1107	520188.2	4566439	1157	520398.6	4566284
1058	520424	4566826.4	1108	520193.4	4566439	1158	520400.1	4566277
1059	520423.7	4566821.9	1109	520204	4566445	1159	520402.6	4566273
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1062	520430.4	4566793.9	1112	520232.9	4566459	1162	520430.5	4566248
1063	520430.9	4566773.5	1113	520246.4	4566461	1163	520436.7	4566236
1064	520429.6	4566750.5	1114	520256.4	4566462	1164	520440.5	4566227
1065	520427.6	4566736.2	1115	520265.3	4566461	1165	520441.6	4566220
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1067	520429.6	4566717.3	1117	520279.3	4566454	1167	520450.9	4566204
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1069	520427.1	4566703.7	1119	520292.5	4566451	1169	520458	4566193
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1071	520420.8	4566673.5	1121	520304.4	4566451	1171	520463.9	4566192
1072	520413.4	4566657.2	1122	520311.8	4566446	1172	520468	4566194
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1074	520404.2	4566649.5	1124	520331.4	4566438	1174	520478.6	4566198
1075	520397.2	4566655.1	1125	520338	4566436	1175	520486.1	4566199
1076	520393.5	4566657.7	1126	520346	4566436	1176	520491.8	4566201
1077	520383.4	4566638.6	1127	520354.9	4566436	1177	520496.3	4566203
1078	520378.3	4566618.7	1128	520363.2	4566435	1178	520501.4	4566207
1079	520376	4566604.3	1129	520381.8	4566435	1179	520507.4	4566210
1080	520375.6	4566586.4	1130	520386.8	4566435	1180	520510.7	4566213
1081	520375.7	4566575.5	1131	520389.2	4566433	1181	520514.6	4566213
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1083	520375.6	4566556.7	1133	520395.4	4566422	1183	520526.4	4566209
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1087	520352	4566538.9	1137	520405.4	4566403	1187	520531.2	4566190
1088	520337.1	4566539.4	1138	520403.3	4566400	1188	520530.2	4566185
1089	520319.5	4566544.1	1139	520400.7	4566396	1189	520531.4	4566180
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1092	520283.7	4566549.3	1142	520388.1	4566371	1192	520536.3	4566138
1093	520275.8	4566546.6	1143	520385.5	4566366	1193	520539.7	4566136

1094	520267.6	4566544.8	1144	520384.7	4566361	1194	520546.1	4566135
1095	520259.6	4566543.4	1145	520384.5	4566355	1195	520549.9	4566135
1096	520253.4	4566540.7	1146	520385.1	4566348	1196	520555.4	4566135
1097	520248.5	4566534.7	1147	520385	4566341	1197	520559.6	4566134
1098	520233.6	4566509	1148	520386.2	4566333	1198	520565.8	4566130
1099	520220.6	4566495	1149	520385.7	4566329	1199	520570.7	4566126
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1201	520579.2	4566123.2	1251	520895.9	4565795	1301	521237.3	4565572
1202	520591.1	4566123.1	1252	520904.2	4565795	1302	521238.2	4565559
1203	520598.3	4566121.1	1253	520911	4565791	1303	521238.3	4565548
1204	520606.2	4566118.2	1254	520927	4565780	1304	521237.4	4565540
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1206	520619.6	4566109.7	1256	520942.2	4565771	1306	521235.2	4565526
1207	520629.7	4566100.1	1257	520942.7	4565762	1307	521237.1	4565519
1208	520633.3	4566094	1258	520941.2	4565757	1308	521240.6	4565514
1209	520634.9	4566088.3	1259	520935.3	4565752	1309	521246	4565507
1210	520635.3	4566081.3	1260	520926.2	4565750	1310	521258	4565496
1211	520635.4	4566067.3	1261	520917.1	4565747	1311	521265.8	4565487
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1217	520644.1	4566046.8	1267	520925.6	4565705	1317	521340.7	4565402
1218	520648.7	4566044.8	1268	520930.2	4565702	1318	521355.6	4565391
1219	520653	4566041.4	1269	520935.5	4565700	1319	521364	4565383
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1221	520660.2	4566029.5	1271	520944.6	4565694	1321	521386.8	4565355
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1223	520682.3	4566011.5	1273	520964.7	4565688	1323	521408.9	4565331
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1230	520725.3	4565969.7	1280	521022.9	4565620	1330	521434.2	4565258
1231	520731.6	4565968.7	1281	521030.2	4565611	1331	521438.4	4565244
1232	520736.2	4565966.7	1282	521035.8	4565607	1332	521441.1	4565233
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1236	520775.7	4565933.7	1286	521088.1	4565569	1336	521460.9	4565180

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1238	520804.4	4565921.3	1288	521108.5	4565566	1338	521472.6	4565162
1239	520816.5	4565915.7	1289	521184.2	4565633	1339	521477.2	4565157
1240	520821.9	4565912.4	1290	521184.2	4565630	1340	521481	4565147
1241	520821.3	4565894.8	1291	521183.5	4565625	1341	521484.3	4565137
1242	520821.5	4565881.7	1292	521184.6	4565618	1342	521485.7	4565128
1243	520828	4565869.8	1293	521187.1	4565613	1343	521486.1	4565119
1244	520835.6	4565861.6	1294	521191.3	4565610	1344	521485.7	4565111
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1351	521481.6	4565073.4	1401	521667.9	4564756	1451	521797.4	4564313
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1357	521494.3	4565028.6	1407	521661.8	4564707	1457	521799	4564364
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1359	521480.6	4564996.1	1409	521661.4	4564688	1459	521798	4564382
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1361	521480.9	4564984.2	1411	521666.3	4564665	1461	521803.4	4564395
1362	521484.2	4564972	1412	521669.7	4564650	1462	521807.7	4564398
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1371	521487.3	4564901.1	1421	521603.3	4564614	1471	521890.1	4564416
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1380	521513	4564889.2	1430	521567.8	4564543	1480	521925.9	4564442
1381	521514	4564884.1	1431	521572.4	4564543	1481	521927.1	4564445
1382	521516.1	4564879.4	1432	521579.7	4564545	1482	521929.8	4564450
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1384	521524.1	4564875.7	1434	521602.2	4564542	1484	521948.3	4564462
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1388	521556.8	4564867	1438	521640.3	4564508	1488	521950.4	4564485
1389	521561.6	4564860.7	1439	521656.9	4564498	1489	521949.9	4564494
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1391	521580.9	4564834.9	1441	521676.8	4564493	1491	521955.1	4564527
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1393	521602	4564822.7	1443	521707.2	4564443	1493	521959	4564548
1394	521615.3	4564819.3	1444	521715.4	4564415	1494	521961.6	4564556
1395	521623.3	4564816	1445	521726.2	4564397	1495	521961.6	4564562
1396	521627	4564811.5	1446	521732.7	4564387	1496	521961.1	4564569
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1501	521961.7	4564600	1551	522401.9	4564673	1601	522842.5	4564493
1502	521958.5	4564618.5	1552	522410.2	4564676	1602	522854.8	4564494
1503	521952.8	4564627.7	1553	522417	4564677	1603	522862.3	4564498
1504	521947.1	4564635.9	1554	522427.7	4564679	1604	522869.4	4564504
1505	521943.7	4564642.8	1555	522438	4564679	1605	522924.7	4564528
1506	521940.9	4564651.7	1556	522447.9	4564679	1606	522942.8	4564542
1507	521939.9	4564658.3	1557	522456.2	4564678	1607	522936.2	4564569
1508	521939.8	4564664	1558	522462.1	4564683	1608	522923.8	4564592
1509	521940.4	4564669.9	1559	522465.7	4564688	1609	522909.8	4564612
1510	521947.5	4564682.9	1560	522469.6	4564693	1610	522898.5	4564627
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1513	521964.9	4564696.7	1563	522486.5	4564702	1613	522888	4564667
1514	521978.1	4564699.1	1564	522486.9	4564707	1614	522887.9	4564675
1515	521988	4564701.9	1565	522489.6	4564715	1615	522888.9	4564684
1516	521994.9	4564704.3	1566	522494.7	4564719	1616	522890.9	4564691
1517	522009.2	4564710.8	1567	522501	4564724	1617	522897.8	4564692
1518	522020.9	4564716.2	1568	522507.7	4564727	1618	522913.2	4564680
1519	522039.6	4564726	1569	522512.4	4564729	1619	522950.2	4564646
1520	522042.3	4564727.6	1570	522523.8	4564734	1620	522982.7	4564626
1521	522048.5	4564722.3	1571	522529.3	4564734	1621	523001.3	4564620
1522	522050.7	4564720.4	1572	522538.5	4564734	1622	523018.2	4564619

1523	522079.2	4564733.7	1573	522543.2	4564736	1623	523040	4564618
1524	522084.7	4564717.9	1574	522547.9	4564738	1624	523054.6	4564620
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1526	522099.3	4564686.3	1576	522557.9	4564735	1626	523081.6	4564627
1527	522107	4564681.1	1577	522563.9	4564734	1627	523084.8	4564643
1528	522116.9	4564678.9	1578	522570.2	4564736	1628	523084.6	4564656
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1530	522149.6	4564683.2	1580	522577.2	4564746	1630	523076.4	4564678
1531	522167.4	4564688.7	1581	522581.1	4564750	1631	523071.7	4564688
1532	522179.1	4564689.8	1582	522586.7	4564753	1632	523069.3	4564696
1533	522198.7	4564679.7	1583	522599.8	4564745	1633	523069.8	4564704
1534	522210.7	4564668.8	1584	522614.5	4564730	1634	523072.1	4564712
1535	522221	4564666.5	1585	522641.7	4564692	1635	523078.7	4564715
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1537	522236.2	4564662.7	1587	522659.9	4564660	1637	523100	4564709
1538	522241.8	4564658	1588	522690.5	4564575	1638	523111.8	4564694
1539	522248.6	4564650.5	1589	522730.7	4564552	1639	523118.3	4564687
1540	522257	4564645.9	1590	522756.2	4564548	1640	523120.5	4564680
1541	522269.7	4564642.1	1591	522763.8	4564545	1641	523122.7	4564670
1542	522281.3	4564640.6	1592	522769.4	4564536	1642	523125.5	4564659
1543	522294	4564639.9	1593	522772.7	4564527	1643	523133.4	4564662
1544	522309.8	4564640.1	1594	522776.8	4564514	1644	523140.7	4564670
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1547	522351.4	4564646.2	1597	522790.5	4564496	1647	523182.8	4564737
1548	522362.1	4564649.5	1598	522795.8	4564483	1648	523192.1	4564752
1549	522372.8	4564653.6	1599	522817.2	4564488	1649	523204.1	4564767
1550	522381.9	4564658	1600	522833	4564493	1650	523213	4564781
1651	523220.7	4564800.2	1701	523614.2	4565422	1751	524082.3	4565195
1652	523229	4564817.2	1702	523623.3	4565436	1752	524062.5	4565189
1653	523237.8	4564831.1	1703	523631.7	4565452	1753	524054.6	4565182
1654	523247.2	4564844.4	1704	523643.4	4565471	1754	524048.9	4565164
1655	523256	4564860.9	1705	523655.8	4565487	1755	524049.7	4565155
1656	523258.4	4564875.8	1706	523674.7	4565508	1756	524065.6	4565147
1657	523265.1	4564896.5	1707	523705.7	4565530	1757	524082.2	4565146
1658	523269.7	4564912.9	1708	523716.9	4565536	1758	524101.4	4565147
1659	523279.3	4564945.9	1709	523727.4	4565539	1759	524117.2	4565152
1660	523291.2	4564969.3	1710	523732.7	4565539	1760	524134.3	4565155
1661	523300.9	4564986	1711	523743.9	4565540	1761	524154.9	4565154
1662	523320.6	4565000.7	1712	523750.6	4565540	1762	524174.1	4565149
1663	523328.5	4565004.1	1713	523780.3	4565521	1763	524194	4565146
1664	523388.2	4565044.5	1714	523789	4565508	1764	524213.2	4565145
1665	523411.1	4565067.9	1715	523796.5	4565495	1765	524239.5	4565152

1666	523420.9	4565078.6	1716	523798.9	4565474	1766	524262.6	4565160
1667	523425.5	4565086.6	1717	523796.9	4565460	1767	524280.9	4565169
1668	523426	4565095.2	1718	523793.9	4565445	1768	524289.3	4565178
1669	523418.7	4565101.7	1719	523794.1	4565430	1769	524304.4	4565197
1670	523412.6	4565113.6	1720	523797.5	4565412	1770	524317	4565203
1671	523409.8	4565128.1	1721	523805	4565399	1771	524333.4	4565203
1672	523412.9	4565140	1722	523817.8	4565395	1772	524349.3	4565204
1673	523418.6	4565161.3	1723	523833.6	4565395	1773	524362.6	4565200
1674	523420.4	4565195.2	1724	523854.8	4565395	1774	524378.6	4565190
1675	523418	4565228.3	1725	523867.5	4565398	1775	524407.6	4565172
1676	523415.1	4565246.8	1726	523887.4	4565414	1776	524430.1	4565154
1677	523412.8	4565281.8	1727	523904.3	4565420	1777	524439	4565135
1678	523409.2	4565300.9	1728	523918	4565421	1778	524444.1	4565110
1679	523409	4565318.1	1729	523930.8	4565417	1779	524446.7	4565089
1680	523410.9	4565332	1730	523944.6	4565411	1780	524452.5	4565067
1681	523418.7	4565341.4	1731	523953.2	4565401	1781	524457.5	4565044
1682	523431.8	4565348.2	1732	523962.8	4565389	1782	524457.7	4565026
1683	523447.7	4565351.6	1733	523972.5	4565373	1783	524450	4565011
1684	523463.5	4565359.1	1734	523989.6	4565364	1784	524444.6	4564993
1685	523468	4565370.4	1735	524009.8	4565358	1785	524437.7	4564974
1686	523467.8	4565386.3	1736	524032.1	4565351	1786	524437.1	4564957
1687	523468.9	4565400.2	1737	524046.9	4565350	1787	524447.6	4564938
1688	523472.1	4565413.4	1738	524061.8	4565343	1788	524467.7	4564922
1689	523475.9	4565425.4	1739	524076.8	4565326	1789	524482.1	4564905
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1691	523490.1	4565456.6	1741	524100.5	4565288	1791	524503.2	4564866
1692	523502.5	4565470.7	1742	524110.2	4565275	1792	524504.3	4564843
1693	523513.7	4565477.4	1743	524120.6	4565260	1793	524500.7	4564812
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1801	524477.1	4564567.4	1851	525027.5	4563587	1901	524796.9	4562017
1802	524457.4	4564548.6	1852	525031.7	4563498	1902	524787.8	4561974
1803	524440.5	4564527.3	1853	525073.8	4563458	1903	524787	4561909
1804	524434.1	4564504.7	1854	525078.6	4563400	1904	524816.1	4561811
1805	524429.2	4564476.9	1855	525106.5	4563375	1905	524744.3	4561797
1806	524441.5	4564442.6	1856	525083	4563347	1906	524621	4561742
1807	524455	4564413.7	1857	524995.2	4563248	1907	524531.2	4561705
1808	524477.4	4564392.1	1858	524991	4563227	1908	524505.8	4561697

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1812	524535.4	4564319.7	1862	525072.5	4563111	1912	524337.2	4561629
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1817	524537.6	4564215	1867	525092.2	4562963	1917	524202.4	4561426
1818	524545.2	4564196	1868	525111.4	4562948	1918	524173.2	4561377
1819	524562.5	4564165.5	1869	525132.7	4562936	1919	524144.8	4561349
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1826	524660.8	4564015.7	1876	525231.2	4562783	1926	523931.1	4561442
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1828	524693.9	4563994.9	1878	525259.6	4562715	1928	523852.4	4561515
1829	524723.1	4563988.9	1879	525271.8	4562665	1929	523820.9	4561530
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1832	524773.3	4563992.6	1882	525340.5	4562675	1932	523718.3	4561527
1833	524788.2	4563984.9	1883	525369.9	4562695	1933	523690.1	4561525
1834	524801	4563971.8	1884	525394.1	4562706	1934	523675.5	4561522
1835	524811.8	4563957.6	1885	525432.2	4562712	1935	523655.4	4561518
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1839	524836.3	4563900.2	1889	525290	4562545	1939	523589.6	4561405
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1841	524848.8	4563865.4	1891	525120.2	4562350	1941	523592.8	4561351
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1844	524882.1	4563806	1894	525018.6	4562214	1944	523523.9	4561263
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1951	523333.6	4561186.9	2001	522593.8	4560490			

1952	523317.1	4561187.4	2002	522570.1	4560481
1953	523301.9	4561188.6	2003	522528.6	4560468
1954	523281.9	4561195.6	2004	522481.5	4560459
1955	523253.4	4561201.9	2005	522439.4	4560457
1956	523230.1	4561213.5	2006	522390	4560452
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1958	523172	4561242.1	2008	522322.7	4560440
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1962	523031.9	4561270.1	2012	522107.8	4560347
1963	522988.5	4561277.1	2013	522066.9	4560320
1964	522958.7	4561279.3	2014	522010.5	4560277
1965	522907.8	4561275	2015	521955.6	4560224
1966	522845.6	4561278.2	2016	521951.8	4560221
1967	522800.7	4561273.7	2017	521917.2	4560259
1968	522747.7	4561266.1	2018	521880.6	4560243
1969	522700.6	4561238.9	2019	521863.1	4560239
1970	522680.2	4561222.1	2020	521844.9	4560237
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1972	522635.2	4561172.6	2022	521826.8	4560219
1973	522622.9	4561149.3	2023	521819.6	4560208
1974	522614.4	4561127.8	2024	521806.4	4560201
1975	522598.9	4561091.9	2025	521791.6	4560197
1976	522589.5	4561040.6	2026	521780.2	4560199
1977	522593.3	4561003.4	2027	521767.4	4560205
1978	522612.2	4560907.9	2028	521757.9	4560206
1979	522634.3	4560895.4	2029	521741	4560197
1980	522658.1	4560890.6	2030	521716.4	4560211
1981	522675.8	4560898.4	2031	521671.7	4560182
1982	522686.7	4560910.4	2032	521648.7	4560170
1983	522703.5	4560919.1	2033	521623.6	4560167
1984	522722.2	4560912.5	2034	521601.8	4560160
1985	522816	4560893.4	2035	521600	4560149
1986	522849.2	4560881.2	2036	521626.8	4560117
1987	522859.7	4560881.8	2037	521651.6	4560092
1988	522964.2	4560861.9	2038	521665.6	4560083
1989	522962.1	4560835.7	2039	521665	4560074
1990	522955.7	4560802.7	2040	521665.1	4560067
1991	522944.1	4560771.2	2041	521673.1	4560059
1992	522921.4	4560747.5	2042	521690.5	4560046
1993	522895.5	4560725.8	2043	521699.2	4560036
1994	522836.1	4560677.8	2044	521711.8	4560031

1995	522813.6	4560654.4	2045	521730.4	4560030
1996	522785.9	4560625.6	2046	521743.7	4560026
1997	522737.2	4560575.9	2047	521756.3	4560019
1998	522705	4560550.1	2048	521769.6	4560014
1999	522664.8	4560521.8			
2000	522631.7	4560507.2			