

CUMHURBAŞKANI KARARI

**Karar Sayısı: 7517**

Tunceli İli, Pülümür, Merkez ve Ovacık ilçeleri sınırları içerisinde bulunan Munzur ve Pülümür Vadileri Potansiyel Doğal Sit Alanının koruma statüsünün değerlendirilmesi sonucunda, ekli kroki ile listede sınır ve koordinatları gösterilen alanın kesin korunacak hassas alan olarak tescil ve ilan edilmesine, 1 sayılı Cumhurbaşkanlığı Kararnamesinin 109 uncu maddesi gereğince karar verilmiştir.

28 Ağustos 2023

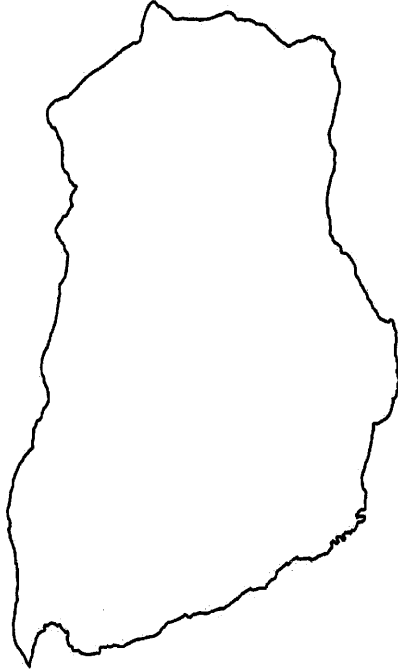
Recep Tayyip ERDOĞAN
CUMHURBAŞKANI

28/8/2023 TARİHLİ VE 7517 SAYILI CUMHURBAŞKANI KARARININ EKİ KROKİ VE
LİSTE

İLİ : Tunceli

İLÇESİ : Pülümür, Merkez ve Ovacık

MUNZUR VE PÜLÜMÜR VADİLERİ POTANSİYEL DOĞAL SİT ALANI



KESİN KORUNACAK HASSAS ALAN

Nokta No	Y	X	Nokta No	Y	X
1	506178.052	4366998.758	2	506202.200	4366992.051
3	506230.562	4366962.132	4	506232.546	4366960.198
5	506264.310	4366929.962	6	506295.783	4366907.546
7	506321.187	4366904.422	8	506345.623	4366899.834
9	506391.653	4366878.282	10	506435.476	4366851.883
11	506498.781	4366805.516	12	506541.507	4366767.015
13	506586.600	4366717.740	14	506613.170	4366699.482
15	506614.435	4366698.910	16	506652.504	4366685.487
17	506656.061	4366682.017	18	506681.636	4366678.396
19	506706.907	4366682.360	20	506747.348	4366686.416
21	506795.615	4366697.084	22	506816.556	4366704.131
23	506818.299	4366704.137	24	506829.957	4366707.598
25	506847.710	4366697.207	26	506868.588	4366687.959
27	506903.425	4366684.924	28	506905.624	4366684.852
29	506925.689	4366682.343	30	506959.100	4366678.859
31	506994.827	4366682.424	32	507051.743	4366681.775
33	507120.537	4366679.987	34	507172.573	4366670.496
35	507197.377	4366670.465	36	507226.999	4366672.193
37	507270.310	4366671.751	38	507333.070	4366679.005
39	507369.850	4366682.444	40	507445.702	4366707.538
41	507504.328	4366717.726	42	507617.728	4366762.657
43	507638.427	4366757.922	44	507654.298	4366757.883
45	507688.767	4366775.936	46	507751.448	4366794.992
47	507803.910	4366795.116	48	507846.051	4366792.189
49	507876.663	4366781.223	50	507908.614	4366766.014
51	507940.173	4366736.406	52	507942.773	4366733.125
53	507959.966	4366705.992	54	507972.956	4366687.612
55	508001.902	4366670.212	56	508036.286	4366673.438
57	508072.956	4366676.428	58	508108.923	4366666.679
59	508146.986	4366660.946	60	508200.863	4366660.254
61	508269.803	4366661.581	62	508323.220	4366649.445
63	508353.483	4366636.126	64	508367.639	4366630.401
65	508399.801	4366609.854	66	508421.436	4366592.253
67	508462.537	4366591.721	68	508493.000	4366587.485
69	508525.145	4366580.519	70	508562.605	4366579.176
71	508598.738	4366571.280	72	508644.092	4366551.489
73	508675.682	4366512.997	74	508801.967	4366415.549
75	508804.521	4366414.945	76	508938.945	4366302.152
77	509045.989	4366235.453	78	509114.580	4366202.945
79	509172.768	4366212.698	80	509240.285	4366240.399
81	509302.305	4366276.244	82	509324.532	4366288.346
83	509384.710	4366283.967	84	509441.583	4366286.490
85	509486.931	4366307.257	86	509553.713	4366336.644
87	509616.957	4366357.342	88	509664.368	4366363.210
89	509716.252	4366345.011	90	509720.633	4366342.073
91	509746.898	4366340.251	92	509781.627	4366347.647
93	509811.529	4366340.010	94	509819.663	4366318.650
95	509827.885	4366309.480	96	509840.456	4366308.601
97	509872.360	4366310.901	98	509874.796	4366311.559

99	509897.999	4366307.748	100	509916.347	4366288.312
101	509952.815	4366225.115	102	509973.929	4366204.290
103	509998.454	4366179.725	104	510025.683	4366152.923
105	510047.192	4366120.474	106	510075.544	4366107.029
107	510100.587	4366097.215	108	510102.391	4366095.480
109	510114.933	4366083.424	110	510110.268	4366050.352
111	510109.679	4366045.486	112	510100.819	4366014.533
113	510099.997	4366012.978	114	510091.267	4365981.556
115	510068.191	4365947.012	116	510067.273	4365944.117
117	510072.536	4365918.988	118	510075.158	4365882.989
119	510076.451	4365862.913	120	510085.715	4365830.470
121	510112.184	4365828.897	122	510128.144	4365808.699
123	510128.081	4365807.534	124	510134.384	4365753.690
125	510135.968	4365749.184	126	510150.771	4365707.080
127	510179.705	4365657.578	128	510205.533	4365605.777
129	510232.775	4365536.546	130	510228.387	4365435.302
131	510211.864	4365543.430	132	510183.960	4365275.844
133	510143.512	4365119.922	134	510103.075	4364935.845
135	510080.014	4364843.618	136	510047.459	4364777.972
137	510012.137	4364701.313	138	510010.191	4364697.581
139	510007.316	4364692.935	140	510001.072	4364645.082
141	510012.133	4364591.395	142	510019.551	4364542.989
143	510021.865	4364502.961	144	510041.470	4364459.048
145	510066.198	4364419.461	146	510107.766	4364379.178
147	510124.179	4364349.102	148	510128.978	4364297.279
149	510125.479	4364253.366	150	510114.168	4364189.324
151	510127.308	4364148.464	152	510129.217	4364144.311
153	510122.396	4364112.824	154	510111.623	4364041.254
155	510111.642	4363995.508	156	510080.580	4363949.135
157	510048.732	4363888.483	158	510031.520	4363826.631
159	509994.708	4363697.840	160	509961.042	4363544.057
161	509955.148	4363403.641	162	509956.146	4363371.815
163	509970.163	4363354.702	164	509975.116	4363321.596
165	509971.294	4363279.057	166	509980.126	4363221.363
167	510010.295	4363159.577	168	510017.748	4363120.340
169	510019.728	4363059.616	170	510027.735	4362985.933
171	510029.147	4362960.965	172	510029.255	4362960.460
173	510013.884	4362923.680	174	510013.705	4362892.513
175	510013.996	4362891.279	176	510025.788	4362867.817
177	510027.851	4362865.788	178	510049.461	4362849.915
179	510056.499	4362839.855	180	510072.978	4362819.206
181	510073.945	4362818.647	182	510084.679	4362800.858
183	510081.283	4362778.142	184	510090.464	4362763.448
185	510114.168	4362736.103	186	510143.301	4362724.108
187	510170.105	4362702.821	188	510215.231	4362681.375
189	510244.514	4362655.838	190	510246.457	4362653.985
191	510252.729	4362630.787	192	510255.698	4362602.598
193	510257.738	4362574.783	194	510265.611	4362560.621
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199	510344.829	4362534.840	200	510373.063	4362529.033
201	510395.946	4362519.138	202	510439.551	4362476.837
203	510469.783	4362441.746	204	510501.323	4362398.407
205	510524.799	4362361.255	206	510526.243	4362360.275
207	510548.510	4362329.369	208	510549.141	4362326.995
209	510566.185	4362292.269	210	510568.935	4362266.926
211	510568.705	4362265.710	212	510567.839	4362234.223
213	510564.397	4362207.646	214	510569.024	4362189.046
215	510576.319	4362172.038	216	510586.017	4362138.237
217	510604.021	4362116.175	218	510623.709	4362104.854
219	510643.677	4362076.520	220	510660.240	4362043.552
221	510671.752	4362006.744	222	510679.909	4361990.785
223	510695.106	4361976.876	224	510695.351	4361975.782
225	510714.634	4361956.510	226	510728.595	4361932.912
227	510744.438	4361908.594	228	510751.059	4361889.180
229	510765.651	4361871.904	230	510787.882	4361848.521
231	510789.051	4361848.198	232	510812.292	4361819.161
233	510812.612	4361817.522	234	510825.191	4361782.591
235	510842.546	4361742.326	236	510855.351	4361718.711
237	510870.961	4361701.725	238	510872.019	4361700.958
239	510889.169	4361684.995	240	510906.373	4361664.890
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243	510938.498	4361592.527	244	510945.848	4361576.302
245	510975.519	4361548.756	246	511000.640	4361524.848
247	511002.702	4361523.325	248	511023.690	4361498.402
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251	511052.575	4361448.974	252	511053.115	4361448.228
253	511060.884	4361425.271	254	511073.014	4361409.579
255	511093.338	4361388.850	256	511116.736	4361377.245
257	511154.449	4361362.196	258	511183.599	4361351.957
259	511234.219	4361329.439	260	511257.171	4361326.496
261	511274.018	4361320.182	262	511284.930	4361314.140
263	511285.962	4361313.378	264	511295.517	4361321.673
265	511295.833	4361322.254	266	511306.856	4361343.876
267	511323.018	4361356.603	268	511324.714	4361357.001
269	511346.822	4361359.025	270	511368.517	4361347.995
271	511387.979	4361308.367	272	511388.444	4361307.996
273	511398.419	4361281.741	274	511399.094	4361279.612
275	511396.215	4361252.132	276	511396.438	4361250.439
277	511400.203	4361233.713	278	511413.649	4361207.213
279	511413.730	4361206.702	280	511430.494	4361179.611
281	511432.924	4361177.660	282	511444.921	4361147.136
283	511445.454	4361146.306	284	511444.821	4361121.826
285	511439.303	4361096.231	286	511443.881	4361071.545
287	511445.233	4361048.464	288	511448.386	4361021.095
289	511447.425	4360997.768	290	511444.144	4360974.945
291	511440.234	4360953.880	292	511433.505	4360920.499
293	511429.343	4360874.525	294	511426.319	4360835.081
295	511426.165	4360800.705	296	511427.106	4360773.258
297	511424.850	4360756.856	298	511434.173	4360730.149

299	511445.895	4360694.524	300	511453.230	4360676.454
301	511461.873	4360645.971	302	511467.910	4360618.308
303	511478.112	4360580.649	304	511480.544	4360556.528
305	511480.164	4360555.784	306	511476.289	4360532.979
307	511474.528	4360510.464	308	511474.462	4360509.580
309	511465.937	4360483.313	310	511461.377	4360458.841
311	511461.494	4360441.514	312	511467.010	4360424.099
313	511471.721	4360405.917	314	511473.798	4360383.299
315	511474.258	4360373.523	316	511482.664	4360355.237
317	511495.257	4360332.566	318	511503.768	4360314.490
319	511508.493	4360301.335	320	511509.765	4360286.940
321	511502.782	4360268.838	322	511493.623	4360250.968
323	511484.768	4360240.986	324	511474.269	4360230.115
325	511470.346	4360221.233	326	511468.848	4360212.991
327	511471.251	4360206.584	328	511476.685	4360196.087
329	511480.619	4360181.561	330	511482.022	4360173.359
331	511481.924	4360160.163	332	511481.006	4360148.186
333	511483.158	4360141.110	334	511486.585	4360126.436
335	511486.271	4360118.259	336	511479.600	4360114.892
337	511471.145	4360111.882	338	511463.434	4360110.071
339	511458.246	4360102.281	340	511456.457	4360091.059
341	511453.600	4360070.142	342	511452.470	4360053.514
343	511447.451	4360040.925	344	511439.122	4360024.537
345	511434.201	4360014.166	346	511430.631	4360001.462
347	511426.928	4359990.672	348	511415.125	4359980.242
349	511402.665	4359972.000	350	511385.792	4359968.277
351	511372.272	4359967.267	352	511365.634	4359967.646
353	511363.085	4359964.868	354	511364.903	4359959.799
355	511369.604	4359953.656	356	511369.861	4359953.255
357	511374.622	4359942.191	358	511377.775	4359929.779
359	511378.151	4359914.916	360	511374.745	4359899.018
361	511370.598	4359880.900	362	511360.196	4359853.574
363	511352.024	4359838.053	364	511346.624	4359814.988
365	511338.688	4359783.205	366	511329.195	4359763.198
367	511320.653	4359742.121	368	511314.393	4359719.965
369	511305.705	4359704.089	370	511293.908	4359691.087
371	511283.816	4359679.310	372	511266.540	4359657.989
373	511249.580	4359645.191	374	511229.822	4359628.146
375	511213.372	4359618.388	376	511196.621	4359609.910
377	511181.826	4359600.962	378	511160.096	4359589.370
379	511132.403	4359576.215	380	511110.508	4359563.546
381	511109.862	4359562.982	382	511094.090	4359560.103
383	511078.570	4359552.563	384	511078.261	4359552.287
385	511057.917	4359540.666	386	511040.379	4359529.202
387	511027.421	4359527.613	388	511003.618	4359531.908
389	510982.065	4359533.194	390	510970.645	4359532.831
391	510970.446	4359532.784	392	510956.504	4359527.191
393	510955.556	4359526.712	394	510945.163	4359524.784
395	510942.696	4359518.355	396	510943.339	4359506.897
397	510946.271	4359489.280	398	510947.870	4359470.965

399	510949.733	4359452.024	400	510950.693	4359431.138
401	510950.863	4359427.427	402	510945.981	4359408.010
403	510938.806	4359389.138	404	510926.887	4359364.743
405	510919.939	4359344.257	406	510917.234	4359330.370
407	510915.711	4359312.543	408	510914.866	4359283.116
409	510911.497	4359254.072	410	510904.580	4359222.774
411	510904.435	4359222.533	412	510895.049	4359191.282
413	510889.146	4359160.142	414	510884.273	4359130.839
415	510875.568	4359105.921	416	510865.893	4359082.772
417	510858.908	4359066.296	418	510854.684	4359050.671
419	510853.264	4359045.417	420	510846.889	4359008.961
421	510839.631	4358967.436	422	510831.585	4358939.937
423	510820.138	4358913.228	424	510808.421	4358887.707
425	510792.404	4358865.446	426	510778.993	4358843.325
427	510770.239	4358822.717	428	510762.736	4358802.253
429	510756.591	4358773.923	430	510752.391	4358752.007
431	510749.759	4358740.603	432	510731.042	4358703.738
433	510717.625	4358673.777	434	510707.699	4358644.131
435	510699.591	4358625.074	436	510693.816	4358604.598
437	510692.339	4358575.054	438	510694.447	4358545.885
439	510694.601	4358522.916	440	510701.941	4358474.725
441	510709.632	4358432.803	442	510716.577	4358401.478
443	510722.318	4358385.803	444	510727.701	4358379.562
445	510742.535	4358371.685	446	510759.626	4358360.948
447	510772.469	4358346.638	448	510779.229	4358330.969
449	510781.239	4358313.921	450	510779.746	4358280.874
451	510779.041	4358279.028	452	510777.146	4358243.655
453	510774.364	4358228.076	454	510767.903	4358211.189
455	510759.747	4358190.165	456	510757.145	4358168.566
457	510757.787	4358144.579	458	510763.408	4358112.795
459	510766.630	4358093.081	460	510765.747	4358072.688
461	510765.557	4358071.929	462	510769.928	4358043.965
463	510773.444	4358033.785	464	510761.507	4358025.036
465	510754.090	4358022.394	466	510744.891	4358022.254
467	510732.646	4358022.715	468	510723.666	4358021.177
469	510708.231	4358018.132	470	510698.142	4358019.911
471	510687.134	4358021.927	472	510672.167	4358020.563
473	510662.042	4358018.139	474	510646.449	4358011.091
475	510636.349	4358004.695	476	510629.860	4357995.704
477	510624.200	4357984.785	478	510621.110	4357977.436
479	510620.160	4357976.601	480	510613.031	4357968.681
481	510606.165	4357961.354	482	510600.861	4357953.177
483	510597.982	4357946.673	484	510597.137	4357945.733
485	510591.225	4357942.689	486	510584.863	4357940.283
487	510576.767	4357937.294	488	510572.696	4357933.728
489	510570.281	4357926.794	490	510570.677	4357917.816
491	510575.101	4357901.957	492	510578.798	4357893.018
493	510582.547	4357887.963	494	510586.244	4357885.080
495	510595.336	4357886.171	496	510606.971	4357890.538
497	510626.567	4357898.655	498	510641.368	4357903.793

499	510654.027	4357904.853	500	510671.539	4357904.778
501	510687.673	4357904.037	502	510712.728	4357902.867
503	510731.851	4357901.072	504	510739.735	4357899.265
505	510748.696	4357894.769	506	510750.055	4357893.617
507	510749.409	4357889.468	508	510748.949	4357885.325
509	510746.647	4357876.119	510	510741.584	4357863.690
511	510738.822	4357852.182	512	510731.261	4357837.573
513	510730.767	4357837.034	514	510716.057	4357826.484
515	510714.886	4357825.798	516	510691.069	4357812.710
517	510673.564	4357805.234	518	510656.027	4357797.401
519	510635.468	4357794.958	520	510624.014	4357794.736
521	510608.912	4357797.312	522	510599.901	4357795.722
523	510592.610	4357790.952	524	510588.572	4357783.619
525	510585.534	4357770.149	526	510583.803	4357757.909
527	510580.515	4357746.160	528	510574.888	4357735.527
529	510569.646	4357726.453	530	510557.971	4357703.991
531	510543.926	4357683.639	532	510529.205	4357666.726
533	510516.317	4357656.337	534	510504.859	4357653.358
535	510497.054	4357653.826	536	510486.863	4357657.776
537	510478.302	4357661.276	538	510467.885	4357660.750
539	510461.810	4357657.425	540	510453.204	4357646.659
541	510451.314	4357637.234	542	510452.108	4357626.777
543	510451.874	4357619.390	544	510448.956	4357614.893
545	510443.742	4357610.183	546	510437.142	4357607.255
547	510430.983	4357607.898	548	510425.008	4357611.555
549	510418.295	4357617.574	550	510409.403	4357622.970
551	510398.793	4357627.382	552	510389.511	4357629.940
553	510384.140	4357628.344	554	510377.403	4357621.003
555	510372.663	4357612.286	556	510368.167	4357606.195
557	510361.740	4357605.732	558	510354.593	4357608.946
559	510347.566	4357615.833	560	510339.736	4357620.902
561	510330.864	4357622.886	562	510330.211	4357622.919
563	510322.764	4357621.181	564	510317.950	4357616.002
565	510312.125	4357605.233	566	510306.539	4357597.906
567	510297.621	4357591.808	568	510283.464	4357583.160
569	510274.878	4357576.904	570	510269.975	4357571.393
571	510269.372	4357564.802	572	510273.306	4357559.228
573	510283.289	4357550.332	574	510293.694	4357541.147
575	510301.746	4357535.015	576	510313.771	4357527.393
577	510320.747	4357522.424	578	510322.578	4357518.911
579	510319.677	4357511.291	580	510309.414	4357502.719
581	510309.207	4357502.497	582	510299.856	4357493.312
583	510293.153	4357485.666	584	510282.869	4357482.712
585	510272.656	4357486.833	586	510262.224	4357495.135
587	510251.904	4357507.684	588	510240.623	4357522.671
589	510229.002	4357537.185	590	510220.637	4357544.163
591	510210.330	4357547.794	592	510200.219	4357547.955
593	510170.010	4357547.207	594	510149.966	4357547.120
595	510142.605	4357545.109	596	510135.418	4357540.970
597	510131.357	4357533.950	598	510130.990	4357526.830

599	510132.649	4357519.618	600	510135.702	4357513.570
601	510141.873	4357506.180	602	510151.885	4357497.312
603	510161.581	4357485.935	604	510167.561	4357476.284
605	510171.653	4357464.366	606	510170.823	4357458.122
607	510165.870	4357447.875	608	510156.212	4357438.391
609	510146.363	4357430.855	610	510136.347	4357425.929
611	510127.085	4357426.292	612	510119.012	4357429.508
613	510109.985	4357436.298	614	510095.802	4357448.448
615	510081.386	4357461.842	616	510070.522	4357473.512
617	510063.806	4357477.820	618	510059.108	4357477.800
619	510053.115	4357472.245	620	510047.650	4357466.328
621	510042.681	4357460.760	622	510035.098	4357457.993
623	510027.050	4357457.279	624	510019.295	4357455.667
625	510015.265	4357450.301	626	510014.474	4357442.246
627	510019.231	4357427.648	628	510027.184	4357404.707
629	510033.239	4357386.174	630	510034.655	4357375.449
631	510032.376	4357364.111	632	510025.978	4357352.014
633	510015.537	4357342.843	634	509999.396	4357329.397
635	509979.383	4357306.324	636	509955.087	4357279.109
637	509953.515	4357277.322	638	509936.142	4357257.583
639	509924.189	4357251.762	640	509908.937	4357250.900
641	509888.692	4357249.301	642	509863.115	4357245.477
643	509829.287	4357235.183	644	509821.562	4357233.851
645	509812.504	4357230.654	646	509801.050	4357224.261
647	509788.529	4357221.331	648	509776.808	4357218.400
649	509767.485	4357216.269	650	509749.104	4357213.073
651	509741.197	4357214.267	652	509723.253	4357201.583
653	509701.576	4357185.798	654	509688.756	4357180.380
655	509668.598	4357173.651	656	509636.756	4357162.712
657	509617.752	4357153.778	658	509600.510	4357145.553
659	509588.413	4357139.273	660	509577.934	4357128.200
661	509577.549	4357133.422	662	509574.619	4357135.287
663	509570.091	4357141.680	664	509556.238	4357175.778
665	509533.595	4357175.245	666	509517.346	4357174.446
667	509485.645	4357173.913	668	509458.207	4357173.114
669	509440.892	4357173.381	670	509432.634	4357173.114
671	509425.175	4357173.114	672	509400.184	4357167.273
673	509369.912	4357166.276	674	509337.807	4357163.130
675	509316.332	4357164.110	676	509287.452	4357166.721
677	509280.792	4357196.024	678	509262.678	4357189.364
679	509217.392	4357167.520	680	509173.171	4357138.484
681	509147.864	4357124.898	682	509134.545	4357118.504
683	509124.955	4357106.251	684	509116.164	4357091.333
685	509103.377	4357078.280	686	509094.054	4357070.821
687	509087.638	4357062.583	688	509082.260	4357055.873
689	509075.368	4357057.171	690	509066.512	4357065.442
691	509059.167	4357075.614	692	509053.035	4357085.767
693	509046.108	4357088.503	694	509042.257	4357088.059
695	509034.674	4357083.789	696	509026.984	4357076.905
697	509014.714	4357065.019	698	508999.267	4357051.752

699	508987.488	4357041.178	700	508962.782	4357025.571
701	508930.841	4357006.944	702	508900.943	4356988.613
703	508888.502	4356981.610	704	508879.216	4356974.373
705	508863.389	4356960.256	706	508852.307	4356952.195
707	508841.064	4356943.811	708	508831.859	4356935.011
709	508826.010	4356924.054	710	508821.404	4356907.881
711	508815.692	4356885.110	712	508810.387	4356863.099
713	508806.060	4356842.467	714	508801.372	4356832.995
715	508794.757	4356828.567	716	508783.052	4356825.211
717	508769.060	4356821.885	718	508750.789	4356816.981
719	508738.349	4356811.991	720	508726.237	4356805.179
721	508708.489	4356794.253	722	508689.934	4356780.204
723	508675.347	4356767.909	724	508659.362	4356751.363
725	508644.301	4356735.569	726	508625.675	4356724.125
727	508613.053	4356715.580	728	508606.460	4356707.295
729	508604.996	4356700.426	730	508602.952	4356685.602
731	508601.327	4356674.064	732	508594.372	4356665.019
733	508583.961	4356658.453	734	508568.572	4356653.597
735	508549.977	4356654.308	736	508520.025	4356655.769
737	508496.375	4356656.677	738	508475.576	4356657.590
739	508458.138	4356656.310	740	508439.906	4356653.642
741	508414.682	4356647.070	742	508388.805	4356636.156
743	508356.135	4356624.349	744	508327.550	4356621.187
745	508302.880	4356621.079	746	508290.650	4356626.171
747	508271.946	4356636.892	748	508255.556	4356645.581
749	508247.416	4356646.168	750	508236.654	4356643.026
751	508215.774	4356632.273	752	508199.120	4356623.231
753	508176.228	4356609.730	754	508143.065	4356596.038
755	508117.061	4356586.079	756	508084.017	4356568.123
757	508055.267	4356548.103	758	508035.408	4356532.279
759	508022.368	4356520.896	760	507989.744	4356492.953
761	507964.492	4356471.252	762	507949.476	4356473.231
763	507931.159	4356464.174	764	507906.741	4356447.753
765	507884.478	4356434.604	766	507877.285	4356430.608
767	507865.031	4356422.617	768	507847.258	4356412.008
769	507830.386	4356404.574	770	507810.779	4356389.642
771	507791.809	4356371.952	772	507777.389	4356360.815
773	507765.668	4356354.421	774	507748.619	4356348.028
775	507728.906	4356340.303	776	507708.394	4356329.381
777	507696.407	4356323.520	778	507675.057	4356310.300
779	507653.345	4356301.233	780	507642.452	4356301.471
781	507624.708	4356303.978	782	507599.553	4356303.867
783	507569.350	4356298.579	784	507535.468	4356292.354
785	507508.930	4356282.488	786	507471.915	4356266.099
787	507446.121	4356257.123	788	507408.769	4356253.021
789	507379.027	4356248.991	790	507352.722	4356236.567
791	507305.097	4356216.817	792	507267.089	4356212.810
793	507236.837	4356217.481	794	507207.959	4356227.542
795	507196.564	4356229.806	796	507176.446	4356232.044
797	507144.680	4356234.767	798	507130.205	4356233.550

799	507108.233	4356220.195	800	507081.563	4356208.388
801	507057.905	4356202.711	802	507033.944	4356203.991
803	507012.240	4356201.957	804	506994.565	4356196.396
805	506971.874	4356183.727	806	506951.447	4356169.715
807	506939.371	4356156.997	808	506925.078	4356145.546
809	506915.641	4356148.310	810	506906.095	4356153.878
811	506894.164	4356159.446	812	506885.414	4356168.991
813	506869.506	4356172.968	814	506844.488	4356183.967
815	506835.397	4356190.580	816	506821.235	4356196.438
817	506819.955	4356196.716	818	506813.498	4356193.573
819	506787.366	4356174.490	820	506763.586	4356163.043
821	506731.363	4356147.154	822	506695.578	4356130.500
823	506673.230	4356122.924	824	506639.752	4356117.239
825	506620.062	4356105.845	826	506593.275	4356093.171
827	506564.854	4356085.266	828	506529.173	4356075.677
829	506489.716	4356069.972	830	506455.582	4356070.163
831	506439.259	4356062.215	832	506413.546	4356040.321
833	506411.258	4356038.300	834	506391.088	4356020.487
835	506389.885	4356017.273	836	506366.977	4355995.627
837	506336.462	4355972.751	838	506318.427	4355957.363
839	506305.684	4355944.570	840	506287.968	4355919.902
841	506274.725	4355905.333	842	506254.770	4355887.437
843	506225.525	4355866.635	844	506208.661	4355855.485
845	506187.435	4355844.702	846	506164.948	4355834.049
847	506142.942	4355827.067	848	506126.322	4355823.711
849	506098.774	4355819.346	850	506061.007	4355816.607
851	506029.174	4355811.709	852	505991.771	4355803.728
853	505965.459	4355796.273	854	505939.468	4355790.135
855	505916.266	4355785.443	856	505881.083	4355778.644
857	505826.779	4355772.173	858	505772.858	4355766.003
859	505728.848	4355756.018	860	505713.397	4355749.634
861	505688.544	4355740.757	862	505663.590	4355729.926
863	505630.524	4355719.563	864	505587.543	4355704.962
865	505562.644	4355695.336	866	505544.096	4355683.341
867	505520.610	4355671.453	868	505501.067	4355662.533
869	505472.454	4355651.049	870	505436.671	4355644.666
871	505417.884	4355645.058	872	505390.737	4355648.834
873	505372.267	4355655.410	874	505359.714	4355657.475
875	505350.933	4355659.433	876	505338.976	4355660.431
877	505330.473	4355661.550	878	505312.700	4355667.368
879	505290.170	4355670.917	880	505276.715	4355670.867
881	505263.580	4355671.592	882	505248.971	4355663.574
883	505237.331	4355650.779	884	505217.457	4355648.703
885	505196.694	4355642.157	886	505183.140	4355641.819
887	505167.780	4355645.755	888	505150.208	4355653.606
889	505128.741	4355649.420	890	505113.635	4355642.300
891	505094.817	4355634.469	892	505079.335	4355637.409
893	505063.535	4355647.040	894	505033.111	4355641.484
895	504995.079	4355633.103	896	504976.678	4355621.151
897	504968.025	4355603.786	898	504970.217	4355569.338

899	504964.949	4355546.225	900	504963.425	4355539.379
901	504959.378	4355533.017	902	504953.046	4355531.008
903	504929.177	4355529.240	904	504914.660	4355532.840
905	504900.820	4355532.628	906	504885.825	4355533.537
907	504884.580	4355532.959	908	504861.221	4355524.110
909	504846.172	4355527.351	910	504827.642	4355522.671
911	504807.593	4355513.319	912	504783.559	4355510.366
913	504772.112	4355506.139	914	504745.476	4355501.536
915	504722.423	4355507.997	916	504689.052	4355504.882
917	504672.798	4355506.688	918	504653.275	4355513.760
919	504639.893	4355519.908	920	504635.082	4355521.088
921	504636.632	4355519.798	922	504624.312	4355523.479
923	504617.205	4355524.799	924	504615.018	4355525.206
925	504602.694	4355529.938	926	504581.831	4355538.791
927	504575.921	4355539.734	928	504555.611	4355542.977
929	504538.960	4355544.364	930	504527.862	4355552.139
931	504527.403	4355552.433	932	504521.057	4355564.169
933	504520.841	4355564.717	934	504515.407	4355574.307
935	504515.163	4355574.328	936	504508.036	4355582.071
937	504496.675	4355581.910	938	504496.425	4355581.654
939	504481.203	4355578.251	940	504480.716	4355578.018
941	504463.754	4355574.824	942	504463.034	4355574.614
943	504447.197	4355576.744	944	504445.981	4355576.845
945	504430.873	4355575.417	946	504401.735	4355581.580
947	504374.070	4355607.659	948	504372.640	4355609.546
949	504371.987	4355613.817	950	504369.021	4355633.209
951	504366.535	4355653.112	952	504365.490	4355653.823
953	504362.044	4355655.031	954	504351.458	4355658.744
955	504327.153	4355661.399	956	504307.222	4355663.063
957	504292.174	4355685.283	958	504286.870	4355705.263
959	504280.370	4355727.845	960	504269.918	4355743.053
961	504265.582	4355765.244	962	504255.494	4355781.594
963	504255.633	4355806.878	964	504266.686	4355826.373
965	504281.023	4355849.715	966	504281.141	4355850.893
967	504284.433	4355878.470	968	504283.007	4355880.441
969	504272.270	4355905.178	970	504256.034	4355914.859
971	504235.368	4355902.549	972	504216.150	4355900.369
973	504197.483	4355921.686	974	504187.622	4355938.150
975	504165.195	4355953.295	976	504164.651	4355954.010
977	504139.623	4355976.441	978	504116.771	4356006.276
979	504115.020	4356009.267	980	504103.692	4356034.789
981	504092.448	4356041.619	982	504075.721	4356033.475
983	504059.538	4356016.769	984	504044.624	4356015.877
985	504015.960	4356032.661	986	504003.164	4356039.232
987	503993.572	4356051.830	988	503983.800	4356059.562
989	503963.601	4356058.102	990	503945.967	4356061.468
991	503933.297	4356070.770	992	503919.535	4356077.681
993	503905.305	4356069.933	994	503885.891	4356057.098
995	503863.179	4356046.034	996	503841.293	4356030.325
997	503830.413	4356022.201	998	503815.602	4356028.460

999	503791.814	4356034.060	1000	503772.499	4356027.062
1001	503758.466	4356012.673	1002	503753.979	4355994.353
1003	503762.356	4355978.067	1004	503771.170	4355956.155
1005	503763.633	4355935.546	1006	503731.785	4355928.125
1007	503666.005	4355904.292	1008	503637.720	4355890.100
1009	503618.836	4355861.537	1010	503617.226	4355860.359
1011	503593.900	4355827.688	1012	503592.348	4355825.316
1013	503580.161	4355807.670	1014	503577.090	4355803.224
1015	503571.982	4355767.046	1016	503553.200	4355711.063
1017	503552.625	4355710.440	1018	503525.086	4355669.114
1019	503508.481	4355624.475	1020	503502.626	4355581.657
1021	503499.801	4355541.702	1022	503486.947	4355495.456
1023	503474.833	4355470.928	1024	503470.893	4355462.950
1025	503452.878	4355416.962	1026	503431.540	4355375.822
1027	503426.497	4355347.552	1028	503430.320	4355308.050
1029	503431.052	4355302.930	1030	503431.977	4355294.199
1031	503401.273	4355345.171	1032	503376.906	4355373.969
1033	503351.800	4355417.535	1034	503319.578	4355480.448
1035	503314.261	4355490.975	1036	503306.262	4355504.820
1037	503296.109	4355517.126	1038	503285.956	4355528.510
1039	503277.182	4355540.533	1040	503266.596	4355550.345
1041	503258.474	4355559.575	1042	503244.214	4355579.057
1043	503235.027	4355587.478	1044	503224.309	4355602.024
1045	503210.139	4355613.802	1046	503197.217	4355624.263
1047	503187.064	4355635.339	1048	503175.373	4355648.568
1049	503164.604	4355662.413	1050	503153.836	4355676.874
1051	503144.298	4355697.795	1052	503135.684	4355716.255
1053	503130.120	4355728.996	1054	503123.330	4355745.855
1055	503104.886	4355790.220	1056	503091.551	4355846.671
1057	503085.718	4355865.913	1058	503085.569	4355903.795
1059	503085.522	4355928.603	1060	503085.480	4355951.134
1061	503083.106	4356000.982	1062	503080.820	4356045.950
1063	503086.129	4356083.763	1064	503090.724	4356130.759
1065	503098.160	4356165.505	1066	503112.166	4356218.511
1067	503119.830	4356248.390	1068	503125.630	4356323.287
1069	503135.377	4356369.703	1070	503137.677	4356387.051
1071	503143.055	4356427.620	1072	503161.616	4356448.258
1073	503169.519	4356473.631	1074	503167.567	4356505.226
1075	503163.251	4356531.834	1076	503156.060	4356555.012
1077	503153.614	4356573.830	1078	503155.628	4356596.340
1079	503163.972	4356632.153	1080	503168.595	4356659.007
1081	503172.615	4356695.981	1082	503180.143	4356730.661
1083	503183.411	4356761.908	1084	503176.845	4356852.940
1085	503172.224	4356896.287	1086	503172.525	4356923.362
1087	503172.542	4356947.481	1088	503174.782	4356975.956
1089	503177.394	4356998.075	1090	503176.335	4357015.673
1091	503169.503	4357030.035	1092	503164.060	4357043.671
1093	503164.115	4357067.523	1094	503163.214	4357086.728
1095	503163.960	4357098.913	1096	503164.748	4357111.073
1097	503144.282	4357107.455	1098	503145.095	4357109.646

1099	503143.091	4357135.696	1100	503143.491	4357141.515
1101	503139.501	4357176.864	1102	503137.082	4357198.477
1103	503135.699	4357210.833	1104	503131.987	4357265.310
1105	503129.759	4357297.852	1106	503123.958	4357322.221
1107	503106.406	4357369.298	1108	503100.532	4357386.193
1109	503090.381	4357415.393	1110	503077.220	4357449.252
1111	503070.217	4357466.933	1112	503061.413	4357484.343
1113	503048.282	4357503.962	1114	503047.227	4357506.461
1115	503036.499	4357537.943	1116	503028.378	4357554.928
1117	503016.777	4357578.394	1118	503016.732	4357578.929
1119	503015.612	4357581.152	1120	503013.491	4357600.773
1121	503015.751	4357619.419	1122	503009.763	4357639.227
1123	503004.612	4357659.457	1124	503004.457	4357661.242
1125	502997.268	4357680.989	1126	502989.357	4357696.318
1127	502988.557	4357699.475	1128	502987.931	4357700.767
1129	502984.591	4357719.868	1130	502989.278	4357728.240
1131	502996.755	4357739.038	1132	502998.206	4357739.963
1133	503013.811	4357749.199	1134	503019.919	4357758.719
1135	503020.303	4357769.221	1136	503019.705	4357793.229
1137	503021.058	4357821.335	1138	503021.392	4357821.699
1139	503022.992	4357843.550	1140	503019.500	4357858.302
1141	503004.872	4357881.720	1142	502992.646	4357904.930
1143	502975.160	4357927.580	1144	502969.915	4357935.840
1145	502968.720	4357949.742	1146	502968.702	4357950.354
1147	502967.199	4357964.439	1148	502967.421	4357966.316
1149	502969.087	4357986.913	1150	502968.464	4357988.958
1151	502961.571	4358007.883	1152	502961.536	4358008.927
1153	502962.446	4358025.474	1154	502962.969	4358027.595
1155	502963.845	4358028.405	1156	502963.286	4358032.283
1157	502961.099	4358057.405	1158	502968.857	4358079.762
1159	502984.757	4358104.158	1160	502994.927	4358129.879
1161	503000.007	4358158.344	1162	503007.808	4358197.467
1163	503018.805	4358235.963	1164	503025.952	4358278.396
1165	503032.072	4358330.786	1166	503034.696	4358362.754
1167	503060.402	4358417.448	1168	503076.577	4358463.619
1169	503093.631	4358499.643	1170	503091.921	4358537.934
1171	503095.949	4358589.555	1172	503128.622	4358656.197
1173	503143.608	4358691.263	1174	503179.187	4358762.885
1175	503179.610	4358766.972	1176	503196.105	4358794.208
1177	503200.683	4358799.372	1178	503223.965	4358837.914
1179	503241.112	4358863.996	1180	503259.380	4358891.348
1181	503261.971	4358895.211	1182	503297.088	4358919.726
1183	503324.606	4358978.119	1184	503378.629	4359029.474
1185	503427.313	4359076.409	1186	503469.452	4359117.581
1187	503493.338	4359126.534	1188	503509.190	4359135.427
1189	503511.391	4359137.763	1190	503525.940	4359158.132
1191	503533.407	4359176.563	1192	503520.038	4359192.017
1193	503514.026	4359212.108	1194	503515.513	4359247.872
1195	503522.938	4359272.131	1196	503541.217	4359310.285
1197	503539.670	4359364.988	1198	503547.075	4359435.411

1199	503541.025	4359464.039	1200	503540.248	4359465.751
1201	503552.267	4359489.573	1202	503555.127	4359492.058
1203	503584.545	4359524.869	1204	503586.238	4359527.839
1205	503600.951	4359551.100	1206	503604.129	4359582.964
1207	503603.758	4359583.798	1208	503609.128	4359605.972
1209	503610.854	4359608.887	1210	503627.500	4359618.520
1211	503630.369	4359621.011	1212	503655.757	4359635.171
1213	503680.534	4359648.092	1214	503710.256	4359683.019
1215	503720.234	4359705.320	1216	503730.385	4359744.045
1217	503740.430	4359782.030	1218	503742.018	4359784.934
1219	503768.964	4359833.337	1220	503770.072	4359834.883
1221	503820.306	4359885.589	1222	503842.235	4359926.082
1223	503872.399	4359964.707	1224	503871.124	4360028.274
1225	503861.760	4360125.364	1226	503851.783	4360176.564
1227	503850.796	4360179.792	1228	503833.416	4360214.910
1229	503831.377	4360219.244	1230	503811.910	4360252.993
1231	503809.857	4360257.492	1232	503786.858	4360290.081
1233	503783.094	4360293.877	1234	503777.537	4360325.378
1235	503777.886	4360328.696	1236	503779.960	4360361.078
1237	503774.966	4360385.370	1238	503743.445	4360423.597
1239	503742.307	4360424.349	1240	503727.990	4360468.217
1241	503720.092	4360539.653	1242	503721.178	4360544.476
1243	503721.242	4360606.386	1244	503730.391	4360660.064
1245	503735.696	4360711.573	1246	503737.520	4360715.187
1247	503759.746	4360765.771	1248	503761.607	4360769.544
1249	503788.907	4360836.402	1250	503827.911	4360893.788
1251	503855.817	4360940.169	1252	503885.973	4361004.971
1253	503903.725	4361054.388	1254	503918.489	4361105.658
1255	503939.423	4361161.536	1256	503941.434	4361167.020
1257	503976.299	4361225.780	1258	503997.994	4361286.527
1259	504037.419	4361382.317	1260	504051.044	4361439.507
1261	504060.087	4361502.389	1262	504074.718	4361576.768
1263	504094.825	4361677.818	1264	504102.147	4361700.756
1265	504112.850	4361734.291	1266	504113.660	4361760.671
1267	504108.438	4361778.461	1268	504111.956	4361799.060
1269	504131.295	4361852.577	1270	504127.518	4361899.559
1271	504124.092	4361939.450	1272	504124.214	4361943.372
1273	504126.440	4361992.912	1274	504131.517	4362026.565
1275	504133.286	4362029.878	1276	504165.757	4362057.220
1277	504166.997	4362059.493	1278	504202.655	4362098.915
1279	504243.386	4362151.613	1280	504242.471	4362154.626
1281	504270.022	4362232.621	1282	504269.700	4362236.573
1283	504281.980	4362309.281	1284	504291.079	4362377.083
1285	504296.971	4362444.281	1286	504307.239	4362503.543
1287	504310.918	4362543.021	1288	504298.681	4362571.517
1289	504282.121	4362591.028	1290	504268.216	4362611.263
1291	504265.999	4362614.355	1292	504247.246	4362632.988
1293	504244.471	4362635.771	1294	504234.217	4362660.198
1295	504238.708	4362681.125	1296	504227.855	4362704.608
1297	504217.059	4362721.494	1298	504202.356	4362741.818

1299	504178.104	4362760.358	1300	504161.549	4362778.263
1301	504134.616	4362812.526	1302	504123.199	4362824.309
1303	504121.986	4362844.133	1304	504117.868	4362859.658
1305	504107.221	4362872.099	1306	504099.939	4362874.422
1307	504085.206	4362863.992	1308	504077.113	4362862.496
1309	504075.246	4362878.114	1310	504076.188	4362904.302
1311	504066.786	4362925.117	1312	504050.730	4362949.494
1313	504043.733	4362979.364	1314	504048.866	4363007.492
1315	504064.372	4363032.153	1316	504094.109	4363063.929
1317	504131.275	4363115.127	1318	504163.580	4363147.380
1319	504180.505	4363168.181	1320	504201.737	4363211.120
1321	504218.427	4363225.611	1322	504238.889	4363222.379
1323	504257.642	4363222.524	1324	504279.431	4363238.570
1325	504280.022	4363238.795	1326	504300.427	4363260.911
1327	504303.017	4363263.231	1328	504313.824	4363277.954
1329	504326.695	4363307.369	1330	504328.202	4363308.553
1331	504334.567	4363334.582	1332	504358.869	4363358.114
1333	504382.064	4363381.868	1334	504398.213	4363397.110
1335	504399.065	4363397.969	1336	504409.383	4363412.802
1337	504408.990	4363427.147	1338	504399.322	4363435.960
1339	504393.263	4363445.786	1340	504387.544	4363466.072
1341	504386.734	4363494.414	1342	504379.710	4363525.883
1343	504380.980	4363553.763	1344	504389.617	4363588.467
1345	504400.480	4363610.905	1346	504420.675	4363642.112
1347	504449.413	4363672.430	1348	504480.077	4363705.838
1349	504496.128	4363731.948	1350	504503.964	4363749.936
1351	504497.436	4363761.491	1352	504485.546	4363762.237
1353	504469.413	4363761.196	1354	504447.545	4363768.400
1355	504431.999	4363781.879	1356	504420.877	4363796.527
1357	504404.648	4363818.170	1358	504396.579	4363827.993
1359	504386.279	4363833.810	1360	504374.042	4363840.057
1361	504365.717	4363845.699	1362	504354.752	4363855.552
1363	504346.805	4363873.829	1364	504343.639	4363892.147
1365	504339.007	4363915.957	1366	504332.440	4363939.451
1367	504320.248	4363961.008	1368	504304.911	4363976.695
1369	504290.975	4363992.830	1370	504274.271	4363999.492
1371	504258.434	4364011.737	1372	504245.535	4364025.799
1373	504225.858	4364051.019	1374	504210.401	4364075.090
1375	504199.475	4364100.351	1376	504193.354	4364123.523
1377	504193.195	4364124.685	1378	504190.013	4364174.845
1379	504186.256	4364216.413	1380	504189.012	4364242.167
1381	504189.163	4364244.845	1382	504195.731	4364276.325
1383	504198.635	4364310.176	1384	504190.633	4364333.036
1385	504194.609	4364357.495	1386	504195.109	4364360.393
1387	504199.088	4364390.625	1388	504195.594	4364412.186
1389	504190.822	4364440.524	1390	504184.734	4364475.243
1391	504181.938	4364503.708	1392	504176.601	4364525.445
1393	504168.020	4364550.073	1394	504155.615	4364568.597
1395	504141.313	4364588.091	1396	504126.372	4364607.689
1397	504109.191	4364635.804	1398	504097.752	4364647.584

1399	504095.273	4364661.795	1400	504081.855	4364680.850
1401	504073.849	4364690.174	1402	504076.113	4364708.960
1403	504070.437	4364724.856	1404	504060.006	4364741.472
1405	504050.467	4364759.069	1406	504038.242	4364777.166
1407	504029.777	4364782.108	1408	504010.908	4364778.789
1409	503999.089	4364779.614	1410	503990.102	4364785.531
1411	503984.335	4364797.029	1412	503975.578	4364800.545
1413	503963.936	4364801.848	1414	503951.331	4364814.515
1415	503950.633	4364815.482	1416	503941.316	4364838.454
1417	503940.772	4364840.981	1418	503925.941	4364862.040
1419	503912.779	4364874.231	1420	503896.011	4364882.566
1421	503890.573	4364890.675	1422	503876.829	4364940.223
1423	503865.552	4365018.081	1424	503869.644	4365095.283
1425	503888.688	4365132.894	1426	503933.851	4365182.926
1427	504016.360	4365246.487	1428	504051.061	4365271.184
1429	504109.350	4365282.781	1430	504203.600	4365310.907
1431	504322.454	4365335.376	1432	504391.157	4365392.883
1433	504465.329	4365450.028	1434	504519.322	4365490.011
1435	504568.130	4365546.390	1436	504624.133	4365591.160
1437	504704.638	4365659.846	1438	504796.686	4365718.911
1439	504880.581	4365770.014	1440	504990.616	4365817.933
1441	505070.217	4365857.605	1442	505157.345	4365914.572
1443	505211.750	4365948.664	1444	505346.559	4366043.560
1445	505399.610	4366081.465	1446	505467.055	4366127.363
1447	505508.817	4366162.346	1448	505546.118	4366181.991
1449	505594.617	4366195.247	1450	505626.356	4366208.607
1451	505666.371	4366235.641	1452	505722.745	4366268.880
1453	505762.700	4366275.965	1454	505793.273	4366264.366
1455	505815.683	4366276.891	1456	505817.280	4366278.397
1457	505838.767	4366290.017	1458	505860.919	4366299.481
1459	505878.924	4366310.838	1460	505887.004	4366322.987
1461	505895.398	4366346.416	1462	505899.426	4366370.557
1463	505914.294	4366409.541	1464	505932.664	4366453.510
1465	505941.586	4366493.397	1466	505944.055	4366525.844
1467	505933.486	4366548.349	1468	505925.450	4366570.128
1469	505937.502	4366604.359	1470	505946.767	4366634.958
1471	505971.372	4366700.878	1472	505989.566	4366755.018
1473	506009.735	4366802.588	1474	506035.617	4366843.949
1475	506072.459	4366911.754	1476	506104.151	4366950.860
1477	506148.051	4366982.523			