

Wykaz współrzędnych punktów załamania granicy
Parku Krajobrazowego Puszcza Zielonka
wykonany w układzie PUWG 1992

Numer punktu	Współrzędna X	Współrzędna Y
1	17.1316	52.6255
2	17.1313	52.6252
3	17.131	52.6251
4	17.1307	52.625
5	17.1306	52.6248
6	17.1302	52.6247
7	17.1299	52.6243
8	17.1296	52.6239
9	17.1295	52.6235
10	17.1298	52.6231
11	17.1298	52.623
12	17.1304	52.6229
13	17.1309	52.6225
14	17.1309	52.6221
15	17.13	52.6219
16	17.1301	52.6218
17	17.1302	52.6217
18	17.1313	52.6217
19	17.1313	52.6214
20	17.132	52.6211
21	17.1322	52.621
22	17.1324	52.6207
23	17.1325	52.6206
24	17.1325	52.6204
25	17.1326	52.6197
26	17.1324	52.6195
27	17.1321	52.6193
28	17.1321	52.6193
29	17.1309	52.6186
30	17.1304	52.618
31	17.1297	52.6171
32	17.1288	52.6167
33	17.1277	52.6161
34	17.1265	52.6159
35	17.1252	52.6158
36	17.1249	52.6156
37	17.1247	52.6154
38	17.1242	52.615
39	17.1242	52.615
40	17.1232	52.6142
41	17.1226	52.6137
42	17.1223	52.6133
43	17.1225	52.6129

44	17.1226	52.6128
45	17.1226	52.6126
46	17.1229	52.6123
47	17.123	52.6122
48	17.123	52.6121
49	17.1229	52.6118
50	17.1228	52.6116
51	17.1224	52.6115
52	17.1217	52.6113
53	17.1217	52.6111
54	17.1218	52.611
55	17.1218	52.6109
56	17.1219	52.6108
57	17.1232	52.6111
58	17.1243	52.6115
59	17.1255	52.6118
60	17.1256	52.6118
61	17.1258	52.6112
62	17.1258	52.6108
63	17.126	52.6098
64	17.1263	52.6091
65	17.1267	52.6075
66	17.1271	52.6075
67	17.1274	52.6069
68	17.1276	52.6066
69	17.1278	52.6054
70	17.1276	52.6049
71	17.1278	52.6046
72	17.1297	52.6049
73	17.13	52.6049
74	17.1314	52.6052
75	17.1328	52.6055
76	17.1329	52.6055
77	17.133	52.6055
78	17.1329	52.6062
79	17.1327	52.6076
80	17.1329	52.6082
81	17.1331	52.609
82	17.1333	52.6094
83	17.1336	52.61
84	17.1341	52.6114
85	17.1341	52.6114
86	17.1356	52.611

87	17.1367	52.6107
88	17.1377	52.6104
89	17.1377	52.6104
90	17.1367	52.6094
91	17.1373	52.6092
92	17.1362	52.6082
93	17.1375	52.6076
94	17.1388	52.6071
95	17.1407	52.6064
96	17.1411	52.6063
97	17.1419	52.6059
98	17.1435	52.6053
99	17.1444	52.6054
100	17.1458	52.6044
101	17.1463	52.604
102	17.1463	52.604
103	17.1465	52.6042
104	17.1472	52.6039
105	17.149	52.6032
106	17.1493	52.603
107	17.1486	52.6025
108	17.1488	52.6024
109	17.1488	52.6024
110	17.1491	52.6024
111	17.1498	52.6023
112	17.1513	52.6024
113	17.1514	52.6015
114	17.1514	52.6014
115	17.1514	52.6013
116	17.1514	52.6009
117	17.1514	52.6009
118	17.1529	52.6007
119	17.1537	52.6007
120	17.1539	52.6006
121	17.154	52.6004
122	17.1543	52.5999
123	17.1548	52.5996
124	17.1551	52.5994
125	17.1562	52.5985
126	17.1565	52.5983
127	17.1567	52.5982
128	17.1569	52.5981
129	17.157	52.598
130	17.1571	52.5979
131	17.1573	52.5979
132	17.1575	52.5978
133	17.1578	52.5977
134	17.158	52.5977
135	17.1587	52.5976
136	17.1594	52.5972
137	17.16	52.5968
138	17.1604	52.5964
139	17.1612	52.5957
140	17.1617	52.5953
141	17.1625	52.5946
142	17.1626	52.5945

143	17.1632	52.5939
144	17.1632	52.5938
145	17.164	52.594
146	17.1642	52.593
147	17.165	52.5913
148	17.1653	52.5909
149	17.166	52.5899
150	17.1661	52.5898
151	17.1663	52.5895
152	17.1673	52.5886
153	17.1675	52.5883
154	17.1679	52.5879
155	17.168	52.5879
156	17.168	52.5879
157	17.1695	52.5883
158	17.1711	52.5888
159	17.1715	52.5889
160	17.173	52.5893
161	17.1736	52.5895
162	17.1753	52.589
163	17.1754	52.5891
164	17.1758	52.5889
165	17.1768	52.5885
166	17.1771	52.5882
167	17.1786	52.587
168	17.1792	52.5867
169	17.1795	52.5867
170	17.1796	52.5867
171	17.1797	52.5867
172	17.18	52.5865
173	17.1802	52.5863
174	17.18	52.5855
175	17.18	52.5854
176	17.1821	52.5844
177	17.1827	52.5843
178	17.1826	52.5842
179	17.1871	52.5823
180	17.1845	52.5804
181	17.1827	52.5792
182	17.1823	52.5789
183	17.1812	52.5781
184	17.1808	52.5778
185	17.181	52.5778
186	17.1823	52.5775
187	17.1828	52.5775
188	17.1835	52.5768
189	17.184	52.5763
190	17.1843	52.576
191	17.1843	52.5758
192	17.1844	52.5758
193	17.1849	52.5759
194	17.1854	52.576
195	17.1853	52.5753
196	17.1851	52.5746
197	17.1849	52.5736
198	17.1849	52.5726

199	17.1849	52.572
200	17.1849	52.572
201	17.1849	52.572
202	17.1849	52.5714
203	17.185	52.5712
204	17.1851	52.5707
205	17.1851	52.5706
206	17.1851	52.5706
207	17.1855	52.5696
208	17.1857	52.5692
209	17.1862	52.5687
210	17.1864	52.5685
211	17.1873	52.5678
212	17.188	52.5672
213	17.1883	52.567
214	17.189	52.5661
215	17.1873	52.565
216	17.1873	52.565
217	17.1873	52.565
218	17.1873	52.5649
219	17.1869	52.5637
220	17.1868	52.5634
221	17.1867	52.5634
222	17.186	52.5623
223	17.186	52.5622
224	17.1855	52.5613
225	17.1847	52.5596
226	17.1851	52.5586
227	17.1851	52.5582
228	17.1852	52.5578
229	17.1853	52.5574
230	17.1853	52.5571
231	17.1854	52.5566
232	17.1854	52.5561
233	17.1854	52.556
234	17.1855	52.5556
235	17.1855	52.5555
236	17.1855	52.5553
237	17.1858	52.5544
238	17.186	52.5539
239	17.1863	52.553
240	17.1878	52.5527
241	17.1899	52.5524
242	17.1901	52.5524
243	17.1903	52.5521
244	17.1888	52.5503
245	17.1887	52.5502
246	17.1884	52.5499
247	17.1881	52.5497
248	17.1871	52.5491
249	17.1867	52.5488
250	17.1864	52.5481
251	17.1852	52.5463
252	17.185	52.546
253	17.1846	52.5454
254	17.1843	52.5446

255	17.184	52.5438
256	17.1838	52.5428
257	17.1834	52.5411
258	17.1834	52.5408
259	17.1834	52.5405
260	17.1834	52.5399
261	17.1835	52.5388
262	17.1836	52.5388
263	17.1847	52.5384
264	17.1841	52.5374
265	17.184	52.5373
266	17.184	52.5371
267	17.1838	52.537
268	17.1832	52.5359
269	17.1827	52.535
270	17.1824	52.5346
271	17.1817	52.5334
272	17.1809	52.5323
273	17.1804	52.5313
274	17.1802	52.5312
275	17.18	52.5311
276	17.1799	52.531
277	17.1796	52.5309
278	17.1791	52.5308
279	17.1786	52.5306
280	17.1783	52.5305
281	17.178	52.5304
282	17.1778	52.5304
283	17.1776	52.5303
284	17.1764	52.53
285	17.1753	52.5297
286	17.1743	52.5294
287	17.1735	52.5292
288	17.1722	52.5286
289	17.1721	52.5286
290	17.1712	52.5283
291	17.1699	52.5279
292	17.1685	52.5274
293	17.167	52.5269
294	17.1665	52.5267
295	17.1658	52.5263
296	17.1654	52.5261
297	17.1644	52.5256
298	17.1636	52.5252
299	17.1631	52.5251
300	17.161	52.5245
301	17.161	52.5245
302	17.1595	52.524
303	17.1585	52.5236
304	17.1578	52.523
305	17.1573	52.5227
306	17.1555	52.522
307	17.1551	52.5218
308	17.1549	52.5216
309	17.1545	52.5214
310	17.1544	52.5213

311	17.1538	52.521
312	17.1532	52.5208
313	17.1525	52.5205
314	17.1508	52.52
315	17.1498	52.5197
316	17.1489	52.5195
317	17.1494	52.5195
318	17.1492	52.5195
319	17.1489	52.5194
320	17.1492	52.5194
321	17.1494	52.5194
322	17.1496	52.5194
323	17.1498	52.5194
324	17.1505	52.5194
325	17.1506	52.5194
326	17.1519	52.5193
327	17.1544	52.5192
328	17.1549	52.5192
329	17.1556	52.5192
330	17.1566	52.5191
331	17.1588	52.519
332	17.1607	52.519
333	17.1614	52.519
334	17.1617	52.5191
335	17.1623	52.5193
336	17.1624	52.5193
337	17.1624	52.5193
338	17.1627	52.5194
339	17.163	52.5195
340	17.163	52.5195
341	17.1631	52.5195
342	17.1633	52.5195
343	17.1636	52.5196
344	17.1638	52.5197
345	17.164	52.5197
346	17.1641	52.5197
347	17.1643	52.5198
348	17.1644	52.5198
349	17.1646	52.5198
350	17.1649	52.5199
351	17.1649	52.5199
352	17.1651	52.52
353	17.1658	52.5201
354	17.1659	52.5201
355	17.1661	52.5202
356	17.1663	52.5202
357	17.1664	52.5202
358	17.1668	52.5203
359	17.1673	52.5204
360	17.1684	52.5203
361	17.1685	52.5203
362	17.1699	52.5203
363	17.17	52.5203
364	17.1706	52.5203
365	17.171	52.5203
366	17.1714	52.5204

367	17.1722	52.5206
368	17.1728	52.5207
369	17.173	52.5207
370	17.1731	52.5207
371	17.1738	52.5208
372	17.1752	52.5207
373	17.1753	52.5208
374	17.176	52.5208
375	17.1766	52.5207
376	17.177	52.5206
377	17.177	52.5205
378	17.1771	52.5205
379	17.1772	52.5205
380	17.1779	52.5202
381	17.1781	52.5201
382	17.1783	52.52
383	17.1785	52.5199
384	17.1787	52.5198
385	17.1802	52.5192
386	17.1818	52.5186
387	17.1823	52.5184
388	17.1842	52.518
389	17.1847	52.5179
390	17.1875	52.5173
391	17.1897	52.5167
392	17.1906	52.5165
393	17.1907	52.5165
394	17.192	52.5162
395	17.1927	52.516
396	17.194	52.5156
397	17.1945	52.5155
398	17.1952	52.5153
399	17.1954	52.5153
400	17.1957	52.5152
401	17.1957	52.5152
402	17.1973	52.5148
403	17.1978	52.5146
404	17.1982	52.5144
405	17.1985	52.5142
406	17.1988	52.5139
407	17.1995	52.5129
408	17.1997	52.5126
409	17.2007	52.5112
410	17.2009	52.511
411	17.2012	52.5107
412	17.2033	52.5094
413	17.2052	52.5083
414	17.2078	52.5067
415	17.2079	52.5066
416	17.208	52.5066
417	17.2082	52.5065
418	17.2084	52.5064
419	17.2088	52.5064
420	17.2095	52.5064
421	17.21	52.5064
422	17.2105	52.5064

423	17.2107	52.5064
424	17.2108	52.5064
425	17.211	52.5064
426	17.2115	52.5063
427	17.2117	52.5063
428	17.2121	52.5063
429	17.2122	52.5063
430	17.2125	52.5062
431	17.2127	52.5062
432	17.2131	52.5062
433	17.2137	52.5061
434	17.2138	52.5061
435	17.2142	52.5061
436	17.2148	52.506
437	17.2148	52.506
438	17.2151	52.506
439	17.2151	52.506
440	17.2154	52.506
441	17.216	52.5059
442	17.2167	52.5058
443	17.2172	52.5056
444	17.2177	52.5054
445	17.2183	52.5051
446	17.2188	52.5048
447	17.2189	52.5047
448	17.2207	52.5037
449	17.2207	52.5037
450	17.2208	52.5037
451	17.2206	52.5032
452	17.2204	52.5027
453	17.2203	52.5024
454	17.2202	52.5024
455	17.2201	52.5023
456	17.2201	52.5023
457	17.2201	52.5023
458	17.2199	52.5022
459	17.2198	52.5021
460	17.2189	52.5016
461	17.2166	52.501
462	17.2154	52.5007
463	17.2107	52.5003
464	17.2075	52.5
465	17.2075	52.5
466	17.2075	52.5
467	17.2062	52.4999
468	17.2049	52.5002
469	17.203	52.5003
470	17.203	52.5003
471	17.2006	52.5003
472	17.198	52.5002
473	17.198	52.5002
474	17.1977	52.5002
475	17.197	52.5001
476	17.1961	52.5001
477	17.1949	52.5002
478	17.1922	52.5012

479	17.1886	52.5025
480	17.1879	52.5027
481	17.1867	52.5031
482	17.1867	52.5031
483	17.1867	52.5031
484	17.1846	52.504
485	17.1824	52.5049
486	17.1823	52.5049
487	17.1822	52.5051
488	17.1821	52.5051
489	17.1821	52.5051
490	17.18	52.5059
491	17.1776	52.5065
492	17.1757	52.5069
493	17.174	52.5073
494	17.1731	52.5075
495	17.1717	52.5078
496	17.1711	52.508
497	17.1701	52.5083
498	17.1688	52.5084
499	17.1688	52.5084
500	17.1685	52.5084
501	17.1675	52.5083
502	17.1661	52.5085
503	17.1653	52.5085
504	17.1644	52.5083
505	17.1624	52.5079
506	17.1616	52.5078
507	17.1611	52.5078
508	17.1605	52.5078
509	17.16	52.5079
510	17.1594	52.508
511	17.1578	52.5085
512	17.1578	52.5084
513	17.1569	52.5085
514	17.1559	52.5086
515	17.1542	52.5088
516	17.154	52.5088
517	17.152	52.5093
518	17.152	52.5094
519	17.1514	52.5096
520	17.1433	52.5117
521	17.1433	52.5118
522	17.1433	52.5118
523	17.1431	52.5122
524	17.1428	52.5125
525	17.1421	52.513
526	17.1415	52.5134
527	17.1411	52.5136
528	17.1401	52.5141
529	17.139	52.5147
530	17.1368	52.5158
531	17.1366	52.5158
532	17.1365	52.5157
533	17.1363	52.5156
534	17.136	52.5155

535	17.136	52.5157
536	17.1353	52.5153
537	17.1346	52.515
538	17.1336	52.5147
539	17.1332	52.5146
540	17.133	52.5145
541	17.1326	52.5144
542	17.1323	52.5143
543	17.1322	52.5143
544	17.1319	52.5142
545	17.1319	52.5142
546	17.1314	52.5141
547	17.1309	52.514
548	17.1309	52.514
549	17.1308	52.5139
550	17.1305	52.5139
551	17.13	52.5137
552	17.1298	52.5137
553	17.1296	52.5136
554	17.1293	52.5136
555	17.1291	52.5135
556	17.129	52.5135
557	17.129	52.5135
558	17.1265	52.5127
559	17.1255	52.5121
560	17.1244	52.5115
561	17.1235	52.511
562	17.1232	52.5107
563	17.1228	52.5103
564	17.1224	52.5099
565	17.1218	52.5091
566	17.1207	52.5073
567	17.1199	52.5072
568	17.1192	52.5071
569	17.1182	52.5071
570	17.1161	52.5072
571	17.1143	52.5073
572	17.1135	52.5073
573	17.1135	52.5073
574	17.1123	52.5073
575	17.1116	52.5073
576	17.1108	52.5074
577	17.1094	52.5074
578	17.1088	52.5074
579	17.1084	52.5072
580	17.108	52.5071
581	17.1079	52.507
582	17.1078	52.5069
583	17.1075	52.5067
584	17.106	52.5053
585	17.1041	52.5052
586	17.1035	52.5052
587	17.1027	52.5052
588	17.102	52.5053
589	17.102	52.5055
590	17.0998	52.5058

591	17.0994	52.5058
592	17.0988	52.5059
593	17.0987	52.5059
594	17.0985	52.5056
595	17.0971	52.5048
596	17.097	52.5046
597	17.0968	52.5039
598	17.0966	52.5036
599	17.0961	52.5031
600	17.0957	52.5027
601	17.0953	52.5024
602	17.0949	52.502
603	17.0946	52.5016
604	17.0939	52.5005
605	17.0937	52.5001
606	17.0937	52.5
607	17.0935	52.4993
608	17.0935	52.4992
609	17.0935	52.499
610	17.0934	52.4989
611	17.0933	52.4987
612	17.0932	52.4986
613	17.0931	52.4985
614	17.093	52.4984
615	17.0929	52.4984
616	17.0929	52.4984
617	17.0928	52.4984
618	17.0929	52.4984
619	17.0928	52.4982
620	17.0927	52.4981
621	17.0924	52.4979
622	17.0924	52.4979
623	17.0923	52.4978
624	17.0921	52.4976
625	17.0918	52.4973
626	17.0917	52.4973
627	17.0915	52.4974
628	17.0913	52.4974
629	17.0907	52.4974
630	17.0905	52.4974
631	17.0903	52.4975
632	17.0902	52.4975
633	17.0874	52.4979
634	17.0863	52.4981
635	17.0856	52.4982
636	17.0841	52.4984
637	17.0837	52.4984
638	17.0834	52.4985
639	17.0831	52.4985
640	17.083	52.4986
641	17.0828	52.4986
642	17.082	52.4987
643	17.0815	52.4987
644	17.0807	52.4988
645	17.0799	52.4989
646	17.0796	52.4989

647	17.079	52.4989
648	17.0783	52.4989
649	17.0777	52.4989
650	17.077	52.499
651	17.0764	52.499
652	17.0752	52.4991
653	17.0751	52.4991
654	17.0749	52.4991
655	17.0719	52.4991
656	17.0692	52.4992
657	17.0691	52.4992
658	17.0663	52.4992
659	17.0631	52.4992
660	17.0607	52.4992
661	17.0581	52.4991
662	17.0577	52.4991
663	17.0572	52.4987
664	17.0571	52.4987
665	17.057	52.4985
666	17.0518	52.4936
667	17.0515	52.4934
668	17.0501	52.492
669	17.0489	52.4909
670	17.0482	52.4902
671	17.0476	52.4896
672	17.0475	52.4896
673	17.0464	52.4886
674	17.0456	52.4878
675	17.0451	52.4873
676	17.0448	52.4869
677	17.0444	52.4866
678	17.0441	52.4863
679	17.0438	52.4861
680	17.0436	52.4858
681	17.0431	52.4854
682	17.0426	52.4849
683	17.0425	52.4848
684	17.0424	52.4847
685	17.0419	52.4842
686	17.0413	52.4836
687	17.0412	52.4835
688	17.0407	52.4831
689	17.0402	52.4826
690	17.0399	52.4824
691	17.0397	52.4821
692	17.0394	52.4818
693	17.039	52.4814
694	17.0389	52.4814
695	17.0389	52.4813
696	17.0384	52.4809
697	17.0377	52.4802
698	17.0355	52.4779
699	17.0354	52.4778
700	17.0347	52.477
701	17.0341	52.4764
702	17.0339	52.4762

703	17.0337	52.4761
704	17.0322	52.4751
705	17.0309	52.4742
706	17.03	52.4735
707	17.0295	52.4731
708	17.0281	52.472
709	17.0271	52.4713
710	17.0264	52.4708
711	17.0264	52.4708
712	17.0262	52.4706
713	17.0261	52.4704
714	17.0261	52.4703
715	17.026	52.4703
716	17.0257	52.4698
717	17.0256	52.4697
718	17.0255	52.4695
719	17.0252	52.4692
720	17.025	52.4692
721	17.0251	52.4693
722	17.0249	52.4694
723	17.0248	52.4693
724	17.0248	52.4692
725	17.0247	52.4692
726	17.0247	52.4691
727	17.0245	52.4692
728	17.0239	52.4694
729	17.0225	52.4698
730	17.0224	52.4698
731	17.0222	52.4695
732	17.0222	52.4695
733	17.0222	52.4695
734	17.0213	52.4696
735	17.0193	52.4699
736	17.0164	52.4703
737	17.0164	52.4703
738	17.0162	52.4703
739	17.0162	52.4703
740	17.0162	52.4703
741	17.0084	52.4714
742	17.0076	52.4715
743	17.0075	52.4717
744	17.0074	52.4719
745	17.0074	52.4721
746	17.0068	52.4731
747	17.0064	52.4739
748	17.0058	52.4746
749	17.005	52.4756
750	17.0028	52.4752
751	17.0015	52.4749
752	17.001	52.4749
753	17.0003	52.4748
754	17.0004	52.4747
755	17.0006	52.4744
756	17	52.4743
757	16.9996	52.4742
758	16.9994	52.4742

759	16.9991	52.4742
760	16.9988	52.4742
761	16.9988	52.4742
762	16.9987	52.4744
763	16.9984	52.4745
764	16.998	52.4744
765	16.9977	52.4744
766	16.9976	52.4744
767	16.9967	52.4742
768	16.9962	52.4741
769	16.9953	52.4747
770	16.9947	52.4758
771	16.9944	52.4765
772	16.9941	52.477
773	16.994	52.4772
774	16.9943	52.4779
775	16.9943	52.4781
776	16.9955	52.4785
777	16.996	52.4787
778	16.9966	52.479
779	16.9967	52.4791
780	16.9968	52.4791
781	16.996	52.4801
782	16.9955	52.4804
783	16.9949	52.4807
784	16.9947	52.4809
785	16.9944	52.481
786	16.9945	52.4811
787	16.9937	52.4824
788	16.994	52.4826
789	16.9943	52.4828
790	16.9949	52.4832
791	16.9952	52.4835
792	16.9962	52.4843
793	16.997	52.4849
794	16.9967	52.4854
795	16.9966	52.4855
796	16.9969	52.4861
797	16.9973	52.4868
798	16.9971	52.4869
799	16.9971	52.487
800	16.9975	52.4879
801	16.998	52.4888
802	16.9984	52.4893
803	16.9984	52.4898
804	16.9984	52.4899
805	16.9985	52.4904
806	16.9989	52.4908
807	16.999	52.4909
808	16.9994	52.4913
809	17.0004	52.492
810	17.0009	52.4929
811	17.0012	52.4941
812	17.0013	52.4948
813	17.0015	52.4948
814	17.0044	52.4952

815	17.0071	52.4956
816	17.0089	52.4958
817	17.0119	52.4962
818	17.0133	52.4964
819	17.015	52.4967
820	17.0154	52.4968
821	17.0163	52.4969
822	17.0164	52.4969
823	17.017	52.4967
824	17.0172	52.4966
825	17.0181	52.4963
826	17.0185	52.4962
827	17.0191	52.496
828	17.0196	52.4958
829	17.0199	52.4958
830	17.0204	52.4958
831	17.0204	52.4958
832	17.0212	52.4959
833	17.0215	52.4959
834	17.022	52.496
835	17.0229	52.4961
836	17.0238	52.4962
837	17.0238	52.4962
838	17.0244	52.4962
839	17.0246	52.4963
840	17.0247	52.4963
841	17.0257	52.4966
842	17.0255	52.497
843	17.0254	52.4974
844	17.025	52.4986
845	17.025	52.4988
846	17.0261	52.4993
847	17.0268	52.4998
848	17.0272	52.5001
849	17.0282	52.5006
850	17.0292	52.5012
851	17.0289	52.5018
852	17.0284	52.5029
853	17.0283	52.503
854	17.0266	52.5033
855	17.0225	52.5039
856	17.0222	52.504
857	17.0207	52.5042
858	17.0184	52.5046
859	17.0157	52.505
860	17.0128	52.5054
861	17.01	52.5059
862	17.0087	52.5061
863	17.0066	52.5064
864	17.0039	52.5069
865	17.0016	52.5072
866	16.9974	52.5079
867	16.995	52.5082
868	16.9921	52.5087
869	16.991	52.5088
870	16.991	52.5088

871	16.9918	52.5089
872	16.9932	52.5087
873	16.9942	52.5094
874	16.9949	52.5101
875	16.9952	52.5101
876	16.9971	52.5102
877	16.9975	52.5102
878	16.999	52.5103
879	17.0016	52.5104
880	17.0041	52.5105
881	17.0066	52.5116
882	17.0073	52.5117
883	17.0083	52.5118
884	17.0084	52.512
885	17.0089	52.513
886	17.0095	52.5142
887	17.0095	52.5143
888	17.0097	52.5153
889	17.0099	52.5167
890	17.0097	52.5173
891	17.0077	52.5172
892	17.0053	52.517
893	17.0053	52.5172
894	17.0055	52.5172
895	17.006	52.5172
896	17.0071	52.5173
897	17.0079	52.5175
898	17.0087	52.5176
899	17.0091	52.5176
900	17.0094	52.5177
901	17.01	52.5177
902	17.0106	52.5178
903	17.0112	52.5178
904	17.0122	52.5179
905	17.0127	52.518
906	17.0127	52.518
907	17.0129	52.5181
908	17.0132	52.5181
909	17.0145	52.5183
910	17.0147	52.5183
911	17.0159	52.5185
912	17.0161	52.5185
913	17.0172	52.5187
914	17.0183	52.5189
915	17.0192	52.5191
916	17.0208	52.5196
917	17.0206	52.5198
918	17.0198	52.521
919	17.0209	52.5212
920	17.0223	52.5215
921	17.0235	52.5217
922	17.0245	52.5222
923	17.0254	52.5209
924	17.0259	52.5211
925	17.0265	52.5212
926	17.0279	52.5215

927	17.0285	52.5207
928	17.0286	52.5205
929	17.028	52.5204
930	17.0281	52.5201
931	17.0287	52.5202
932	17.0288	52.5196
933	17.0289	52.5194
934	17.0291	52.5194
935	17.0294	52.5197
936	17.0301	52.5199
937	17.0321	52.5206
938	17.0338	52.5213
939	17.0354	52.5219
940	17.0366	52.5223
941	17.0371	52.5226
942	17.0375	52.523
943	17.0381	52.5236
944	17.0385	52.5239
945	17.0388	52.5242
946	17.0391	52.5243
947	17.0391	52.5244
948	17.039	52.5245
949	17.0385	52.5259
950	17.0383	52.5263
951	17.0381	52.5263
952	17.0373	52.5261
953	17.0368	52.5259
954	17.0367	52.5259
955	17.0361	52.5258
956	17.0354	52.5256
957	17.0348	52.5255
958	17.0347	52.5255
959	17.0342	52.5253
960	17.0338	52.5252
961	17.0335	52.5251
962	17.0335	52.5251
963	17.0332	52.5251
964	17.0332	52.5251
965	17.0329	52.525
966	17.0328	52.525
967	17.0328	52.525
968	17.0327	52.525
969	17.0325	52.5253
970	17.0324	52.5254
971	17.0316	52.5263
972	17.031	52.5269
973	17.0305	52.5274
974	17.0305	52.5274
975	17.0302	52.5274
976	17.0299	52.5273
977	17.0295	52.5272
978	17.0289	52.5271
979	17.0277	52.5269
980	17.0265	52.5267
981	17.0252	52.5265
982	17.0241	52.5263

983	17.0234	52.5276
984	17.0229	52.5286
985	17.0224	52.5302
986	17.022	52.5309
987	17.0252	52.5315
988	17.0282	52.532
989	17.0307	52.5324
990	17.0323	52.5327
991	17.0323	52.5328
992	17.0319	52.5336
993	17.0309	52.5356
994	17.0298	52.5377
995	17.029	52.5393
996	17.0286	52.5403
997	17.0286	52.5403
998	17.0268	52.5399
999	17.0246	52.5396
1000	17.0244	52.5397
1001	17.0219	52.5409
1002	17.0198	52.5419
1003	17.0173	52.5414
1004	17.0171	52.5412
1005	17.0165	52.5413
1006	17.0141	52.5415
1007	17.0113	52.5417
1008	17.009	52.5418
1009	17.0084	52.5419
1010	17.008	52.5419
1011	17.0074	52.542
1012	17.0069	52.542
1013	17.0047	52.5422
1014	17.0041	52.5422
1015	17.0041	52.5422
1016	17.0039	52.5422
1017	17.0023	52.5419
1018	17.0013	52.5417
1019	17.0007	52.5415
1020	17.0003	52.5414
1021	17.0003	52.5415
1022	17.0003	52.5418
1023	17.0004	52.5421
1024	17.0001	52.5422
1025	17.0002	52.5424
1026	17.0003	52.5426
1027	17.0004	52.5429
1028	17.0005	52.5431
1029	17.0005	52.5433
1030	17.0007	52.5438
1031	17.0008	52.544
1032	17.0007	52.544
1033	17.0008	52.5441
1034	17.0008	52.5442
1035	17.0006	52.5442
1036	17.0008	52.5448
1037	17.0008	52.5457
1038	17.0008	52.5466

1039	17.0007	52.5478
1040	17.0007	52.5485
1041	17.0007	52.5491
1042	17.0007	52.5492
1043	17.0007	52.5492
1044	17.0007	52.5503
1045	17.0006	52.5521
1046	17.0006	52.5521
1047	17.0006	52.5526
1048	17.0006	52.5529
1049	17.0007	52.5531
1050	17.0011	52.5537
1051	17.0014	52.5542
1052	17.0018	52.5548
1053	17.0022	52.5555
1054	17.0027	52.5563
1055	17.0037	52.5578
1056	17.0043	52.5576
1057	17.005	52.5575
1058	17.007	52.5573
1059	17.0084	52.5571
1060	17.0094	52.5571
1061	17.0099	52.5571
1062	17.0104	52.5571
1063	17.0121	52.5573
1064	17.0142	52.5574
1065	17.0146	52.5573
1066	17.0151	52.557
1067	17.0155	52.5563
1068	17.0161	52.5558
1069	17.0173	52.5553
1070	17.0175	52.5552
1071	17.0182	52.5547
1072	17.0189	52.555
1073	17.0192	52.5551
1074	17.0192	52.5552
1075	17.0197	52.5549
1076	17.0203	52.5545
1077	17.0213	52.5541
1078	17.0215	52.5541
1079	17.0216	52.5547
1080	17.0217	52.5552
1081	17.0217	52.5553
1082	17.0218	52.5558
1083	17.0218	52.5559
1084	17.0218	52.5559
1085	17.022	52.5564
1086	17.022	52.5565
1087	17.0221	52.5565
1088	17.0222	52.5564
1089	17.0228	52.5563
1090	17.0238	52.5562
1091	17.0242	52.5561
1092	17.0244	52.556
1093	17.0245	52.5559
1094	17.0246	52.5558

1095	17.0247	52.5559
1096	17.0252	52.5571
1097	17.0257	52.557
1098	17.0257	52.557
1099	17.0256	52.5567
1100	17.0256	52.5566
1101	17.026	52.5558
1102	17.0264	52.5557
1103	17.0267	52.5557
1104	17.0281	52.5559
1105	17.0287	52.5561
1106	17.029	52.5563
1107	17.0291	52.5563
1108	17.0295	52.5563
1109	17.0296	52.5563
1110	17.0298	52.5563
1111	17.0304	52.5563
1112	17.0306	52.5564
1113	17.0307	52.5563
1114	17.0308	52.5563
1115	17.031	52.5563
1116	17.0311	52.5563
1117	17.0311	52.5563
1118	17.0311	52.5562
1119	17.0313	52.5562
1120	17.0315	52.5562
1121	17.0323	52.5559
1122	17.0334	52.5558
1123	17.0336	52.5558
1124	17.0337	52.5557
1125	17.0338	52.5557
1126	17.0341	52.5556
1127	17.0342	52.5555
1128	17.0345	52.5555
1129	17.0352	52.5555
1130	17.0356	52.5555
1131	17.0365	52.5553
1132	17.0372	52.5554
1133	17.0375	52.5554
1134	17.0375	52.5554
1135	17.0375	52.5559
1136	17.0375	52.5562
1137	17.0374	52.5564
1138	17.0373	52.5567
1139	17.0373	52.5568
1140	17.0377	52.5568
1141	17.0381	52.5567
1142	17.0383	52.5567
1143	17.0384	52.5566
1144	17.0393	52.5565
1145	17.0399	52.5564
1146	17.04	52.5564
1147	17.0432	52.5559
1148	17.0441	52.5557
1149	17.0442	52.5556
1150	17.0444	52.5555

1151	17.0451	52.5551
1152	17.0453	52.555
1153	17.0464	52.5544
1154	17.0467	52.5541
1155	17.0488	52.5533
1156	17.0542	52.5562
1157	17.0542	52.5563
1158	17.0546	52.5565
1159	17.055	52.5568
1160	17.0562	52.5577
1161	17.0567	52.5581
1162	17.0576	52.5587
1163	17.0578	52.5589
1164	17.058	52.5591
1165	17.0581	52.559
1166	17.0593	52.5588
1167	17.0596	52.5587
1168	17.0597	52.5588
1169	17.0606	52.5592
1170	17.0607	52.5593
1171	17.0607	52.5593
1172	17.0608	52.5594
1173	17.061	52.5595
1174	17.0611	52.5596
1175	17.0612	52.5596
1176	17.0614	52.5597
1177	17.0616	52.5599
1178	17.0619	52.56
1179	17.0621	52.5601
1180	17.0622	52.5601
1181	17.0618	52.5619
1182	17.0617	52.5627
1183	17.0617	52.563
1184	17.0616	52.5636
1185	17.0614	52.5647
1186	17.0613	52.5658
1187	17.0611	52.5662
1188	17.061	52.5668
1189	17.0632	52.5669
1190	17.0647	52.567
1191	17.0656	52.5671
1192	17.0656	52.5671
1193	17.0656	52.5675
1194	17.0657	52.5676
1195	17.0658	52.5677
1196	17.0663	52.5682
1197	17.0667	52.5684
1198	17.067	52.5686
1199	17.0671	52.5687
1200	17.0671	52.569
1201	17.0673	52.5691
1202	17.067	52.5696
1203	17.0669	52.5697
1204	17.0666	52.5698
1205	17.0662	52.57
1206	17.0658	52.5701

1207	17.0657	52.5702
1208	17.0655	52.5703
1209	17.0655	52.5703
1210	17.0651	52.5705
1211	17.0638	52.5714
1212	17.0638	52.5714
1213	17.0632	52.5719
1214	17.0623	52.5725
1215	17.0614	52.5732
1216	17.0606	52.5736
1217	17.0603	52.5737
1218	17.0604	52.5738
1219	17.0633	52.5743
1220	17.0658	52.5748
1221	17.0654	52.5752
1222	17.0658	52.5753
1223	17.065	52.5762
1224	17.0649	52.5762
1225	17.0651	52.5763
1226	17.0668	52.577
1227	17.0676	52.5774
1228	17.068	52.5774
1229	17.0692	52.5774
1230	17.069	52.5775
1231	17.0689	52.5775
1232	17.0685	52.5777
1233	17.0684	52.5778
1234	17.0699	52.5784
1235	17.0716	52.5791
1236	17.0727	52.5796
1237	17.074	52.5801
1238	17.0751	52.5809
1239	17.0762	52.5817
1240	17.0762	52.5817
1241	17.0762	52.5817
1242	17.0762	52.5819
1243	17.0762	52.582
1244	17.0761	52.5822
1245	17.0759	52.5824
1246	17.0756	52.5827
1247	17.0754	52.5828
1248	17.0753	52.5827
1249	17.0749	52.583
1250	17.0745	52.5832
1251	17.0744	52.5833
1252	17.0742	52.5833
1253	17.0741	52.5833
1254	17.0736	52.5833
1255	17.0734	52.5834
1256	17.0732	52.5834
1257	17.0732	52.5835
1258	17.0728	52.5836
1259	17.0723	52.5838
1260	17.0719	52.584
1261	17.0716	52.5841
1262	17.0712	52.5843

1263	17.0711	52.5843
1264	17.0708	52.5845
1265	17.0695	52.5857
1266	17.0693	52.5859
1267	17.0689	52.5861
1268	17.0678	52.5868
1269	17.067	52.5873
1270	17.0665	52.5876
1271	17.0663	52.5877
1272	17.066	52.5878
1273	17.0659	52.5878
1274	17.0657	52.5879
1275	17.0654	52.5879
1276	17.065	52.588
1277	17.0649	52.588
1278	17.0632	52.5886
1279	17.0616	52.5892
1280	17.0602	52.5897
1281	17.0601	52.5898
1282	17.0599	52.5899
1283	17.0597	52.59
1284	17.0596	52.5901
1285	17.0596	52.5904
1286	17.0596	52.5909
1287	17.0596	52.5911
1288	17.0596	52.5912
1289	17.0597	52.5913
1290	17.0598	52.5914
1291	17.0604	52.5919
1292	17.0605	52.5919
1293	17.0607	52.5922
1294	17.0609	52.5924
1295	17.0611	52.5926
1296	17.0611	52.5927
1297	17.0611	52.5928
1298	17.0611	52.5929
1299	17.0611	52.5931
1300	17.061	52.5932
1301	17.0609	52.5933
1302	17.0608	52.5935
1303	17.0607	52.5936
1304	17.0606	52.5936
1305	17.0603	52.5938
1306	17.0602	52.5939
1307	17.0597	52.5941
1308	17.0596	52.5942
1309	17.0593	52.5943
1310	17.0589	52.5945
1311	17.0586	52.5946
1312	17.0581	52.5949
1313	17.058	52.5949
1314	17.0579	52.595
1315	17.0577	52.5951
1316	17.0574	52.5952
1317	17.0572	52.5953
1318	17.0569	52.5956

1319	17.0565	52.5958
1320	17.0559	52.5962
1321	17.0555	52.5965
1322	17.0549	52.5968
1323	17.0547	52.5969
1324	17.0544	52.5972
1325	17.0543	52.5973
1326	17.0542	52.5974
1327	17.0542	52.5974
1328	17.0541	52.5975
1329	17.0538	52.5977
1330	17.0537	52.5977
1331	17.0535	52.5978
1332	17.0533	52.598
1333	17.0532	52.598
1334	17.0531	52.598
1335	17.0529	52.598
1336	17.0528	52.598
1337	17.0525	52.598
1338	17.0521	52.598
1339	17.0514	52.598
1340	17.0511	52.5981
1341	17.0509	52.5982
1342	17.0507	52.5983
1343	17.0502	52.5987
1344	17.0501	52.5988
1345	17.0499	52.599
1346	17.0498	52.5992
1347	17.0497	52.5994
1348	17.0495	52.5995
1349	17.0492	52.5997
1350	17.0487	52.5999
1351	17.0483	52.6001
1352	17.048	52.6004
1353	17.0475	52.6009
1354	17.0467	52.6016
1355	17.0458	52.6023
1356	17.0458	52.6024
1357	17.0453	52.6028
1358	17.045	52.6031
1359	17.0436	52.6043
1360	17.043	52.6048
1361	17.0427	52.605
1362	17.0429	52.6051
1363	17.0447	52.6055
1364	17.0462	52.6057
1365	17.0469	52.6059
1366	17.0481	52.6061
1367	17.0482	52.6061
1368	17.0489	52.6063
1369	17.0495	52.6064
1370	17.0503	52.6066
1371	17.0508	52.6067
1372	17.0511	52.6067
1373	17.0516	52.6068
1374	17.0523	52.6069

1375	17.0533	52.6071
1376	17.0538	52.6072
1377	17.0545	52.6073
1378	17.0549	52.6073
1379	17.0554	52.6073
1380	17.0558	52.6073
1381	17.0571	52.6073
1382	17.0582	52.6072
1383	17.0589	52.6072
1384	17.0593	52.6072
1385	17.06	52.6072
1386	17.0604	52.6071
1387	17.0607	52.6071
1388	17.0613	52.6071
1389	17.0626	52.607
1390	17.0637	52.607
1391	17.0641	52.607
1392	17.0648	52.607
1393	17.066	52.6069
1394	17.0671	52.6069
1395	17.0678	52.6068
1396	17.0679	52.6068
1397	17.0682	52.6068
1398	17.0688	52.6068
1399	17.0697	52.6068
1400	17.0704	52.6067
1401	17.0711	52.6067
1402	17.0717	52.6067
1403	17.0726	52.6066
1404	17.0732	52.6066
1405	17.0739	52.6066
1406	17.0748	52.6065
1407	17.0754	52.6065
1408	17.076	52.6065
1409	17.0762	52.6065
1410	17.0765	52.6065
1411	17.0769	52.6066
1412	17.0771	52.6067
1413	17.078	52.6071
1414	17.079	52.6074
1415	17.0797	52.6078
1416	17.0802	52.608
1417	17.0807	52.6077
1418	17.0811	52.6076
1419	17.0817	52.6076
1420	17.082	52.6075
1421	17.0827	52.6079
1422	17.0827	52.6079
1423	17.0837	52.6076
1424	17.0851	52.6073
1425	17.0874	52.6067
1426	17.0898	52.6062
1427	17.0916	52.6057
1428	17.0917	52.6057
1429	17.0919	52.6056
1430	17.0918	52.6061

1431	17.0916	52.6069
1432	17.0912	52.6088
1433	17.0909	52.6103
1434	17.0908	52.6106
1435	17.0906	52.6117
1436	17.0906	52.6117
1437	17.091	52.6119
1438	17.0912	52.612
1439	17.0913	52.612
1440	17.092	52.6122
1441	17.0931	52.6126
1442	17.0931	52.6126
1443	17.0932	52.6126
1444	17.0932	52.6127
1445	17.0937	52.6128
1446	17.0943	52.6131
1447	17.0945	52.6131
1448	17.0961	52.6137
1449	17.0978	52.6143
1450	17.098	52.6146
1451	17.0984	52.6147
1452	17.0991	52.615
1453	17.0993	52.6151
1454	17.1	52.6154
1455	17.1009	52.6158
1456	17.1017	52.616
1457	17.1029	52.6165
1458	17.1042	52.617
1459	17.1053	52.6174
1460	17.1054	52.6174
1461	17.1061	52.6176
1462	17.1068	52.6179
1463	17.1071	52.6179
1464	17.1073	52.618
1465	17.1076	52.6182
1466	17.1086	52.6185
1467	17.1088	52.6185
1468	17.109	52.6185
1469	17.1094	52.6186
1470	17.1098	52.6187
1471	17.11	52.6187
1472	17.1102	52.6187
1473	17.1133	52.616
1474	17.1134	52.616
1475	17.1149	52.6166
1476	17.1166	52.6172
1477	17.1174	52.6179
1478	17.1177	52.6181
1479	17.1193	52.6188
1480	17.1208	52.6194
1481	17.1207	52.6194
1482	17.1204	52.6197
1483	17.1203	52.6198
1484	17.1196	52.6203
1485	17.1185	52.6212
1486	17.1185	52.6213

1487	17.118	52.6217
1488	17.1182	52.6217
1489	17.1183	52.6219
1490	17.1195	52.6222
1491	17.1195	52.6222
1492	17.1207	52.6226
1493	17.1217	52.6229
1494	17.1225	52.6231
1495	17.1234	52.6233
1496	17.1248	52.6237
1497	17.1255	52.6239
1498	17.126	52.6241
1499	17.1264	52.6242
1500	17.1273	52.6244
1501	17.1283	52.6247
1502	17.1286	52.6248
1503	17.1285	52.6249
1504	17.1291	52.625
1505	17.1298	52.6252
1506	17.1303	52.6253
1507	17.1305	52.6253
1508	17.1308	52.6253
1509	17.1312	52.6255
1510	17.1314	52.6255
1511	17.1316	52.6255