

Приложение № 2

к приказу Министерства
природопользования и экологии
Владимирской области

от «23» сентября 2018 г. № 144-И

**Координаты характерных точек
береговой линий (границы водного объекта), границы водоохранной зоны
и прибрежной защитной полосы реки Черная**

Береговая линия реки Черная

Система координат – МСК 33

Номер и координаты характерных точек береговой полосы (границ водного объекта)					
№	X, м	Y, м	№	X, м	Y, м
1	169 326,31	152 997,80	38	168 746,55	151 953,06
2	169 325,51	152 998,38	39	168 689,18	151 906,86
3	169 324,71	152 998,15	40	168 649,90	151 873,03
4	169 309,35	152 979,18	41	168 628,93	151 840,86
5	169 294,28	152 959,76	42	168 585,21	151 795,71
6	169 200,83	152 841,26	43	168 550,14	151 751,27
7	169 121,59	152 740,81	44	168 531,53	151 700,02
8	169 086,59	152 697,44	45	168 523,59	151 690,90
9	169 083,26	152 687,28	46	168 514,57	151 686,93
10	169 081,11	152 668,21	47	168 489,02	151 674,80
11	169 080,82	152 643,76	48	168 451,09	151 627,48
12	169 080,56	152 626,06	49	168 417,33	151 587,15
13	169 083,48	152 603,99	50	168 400,51	151 561,29
14	169 084,53	152 587,89	51	168 352,47	151 518,36
15	169 079,89	152 554,28	52	168 346,23	151 514,48
16	169 078,62	152 488,02	53	168 336,52	151 513,67
17	169 077,95	152 463,05	54	168 332,97	151 510,38
18	169 079,01	152 446,07	55	168 330,09	151 498,71
19	169 077,66	152 438,70	56	168 328,35	151 494,95
20	169 073,12	152 430,82	57	168 325,75	151 492,63
21	169 063,05	152 421,09	58	168 317,47	151 489,92
22	169 057,53	152 407,28	59	168 305,22	151 485,21
23	169 056,28	152 398,00	60	168 293,43	151 483,59
24	169 057,32	152 389,81	61	168 270,04	151 481,74
25	169 057,50	152 383,32	62	168 253,57	151 472,40
26	169 054,81	152 374,75	63	168 244,94	151 465,16
27	169 022,12	152 313,41	64	168 238,89	151 455,03
28	169 006,78	152 280,99	65	168 226,05	151 396,67
29	169 002,16	152 266,56	66	168 221,40	151 379,28
30	168 997,08	152 242,45	67	168 213,62	151 368,02
31	168 992,19	152 234,37	68	168 193,79	151 355,28
32	168 975,04	152 216,25	69	168 166,47	151 345,13
33	168 957,42	152 188,68	70	168 133,75	151 332,69
34	168 932,50	152 158,70	71	168 115,19	151 330,16
35	168 881,14	152 100,35	72	168 100,03	151 326,56
36	168 853,47	152 064,60	73	168 088,48	151 319,25
37	168 799,89	152 003,43	74	168 081,21	151 311,48

75	168 079,28	151 302,04	129	167 735,95	151 267,53
76	168 075,06	151 293,43	130	167 733,28	151 269,10
77	168 067,67	151 284,74	131	167 717,02	151 284,83
78	168 066,60	151 284,03	132	167 716,52	151 286,24
79	168 065,63	151 281,94	133	167 716,55	151 294,26
80	168 064,36	151 281,18	134	167 715,90	151 296,57
81	168 058,58	151 281,43	135	167 710,83	151 299,89
82	168 055,74	151 279,81	136	167 706,96	151 300,90
83	168 052,18	151 274,68	137	167 676,95	151 302,86
84	168 050,50	151 271,83	138	167 671,70	151 304,43
85	168 049,74	151 268,30	139	167 659,58	151 311,07
86	168 048,16	151 267,23	140	167 646,76	151 323,28
87	168 046,75	151 267,45	141	167 645,26	151 325,81
88	168 045,47	151 270,63	142	167 643,07	151 332,58
89	168 044,51	151 272,36	143	167 641,14	151 335,13
90	168 042,11	151 273,43	144	167 630,37	151 344,22
91	168 039,95	151 272,92	145	167 605,90	151 362,87
92	168 038,39	151 271,27	146	167 604,46	151 365,98
93	168 035,03	151 259,33	147	167 603,95	151 370,17
94	168 033,56	151 257,07	148	167 602,29	151 373,63
95	168 032,64	151 256,10	149	167 599,26	151 376,23
96	168 029,46	151 256,01	150	167 594,96	151 378,70
97	168 028,40	151 256,79	151	167 589,68	151 379,29
98	168 028,49	151 258,13	152	167 587,31	151 378,70
99	168 028,55	151 263,72	153	167 585,26	151 377,67
100	168 027,66	151 265,87	154	167 581,97	151 373,84
101	168 026,42	151 267,58	155	167 579,45	151 372,44
102	168 023,15	151 268,22	156	167 577,30	151 372,23
103	168 021,44	151 267,67	157	167 575,52	151 372,77
104	168 020,48	151 266,31	158	167 572,18	151 379,07
105	168 019,61	151 260,32	159	167 570,67	151 380,53
106	168 018,92	151 259,49	160	167 568,62	151 380,42
107	167 987,85	151 234,23	161	167 563,24	151 377,40
108	167 984,26	151 233,70	162	167 561,52	151 378,10
109	167 923,21	151 238,10	163	167 558,88	151 382,57
110	167 914,77	151 237,06	164	167 557,80	151 383,22
111	167 905,71	151 231,74	165	167 555,26	151 382,74
112	167 903,13	151 231,27	166	167 553,08	151 381,07
113	167 861,97	151 241,11	167	167 550,98	151 377,94
114	167 853,68	151 243,15	168	167 549,20	151 377,94
115	167 851,92	151 243,83	169	167 547,75	151 378,80
116	167 850,82	151 244,90	170	167 546,45	151 381,82
117	167 850,40	151 246,83	171	167 545,49	151 387,18
118	167 848,84	151 250,02	172	167 543,02	151 391,82
119	167 848,14	151 250,98	173	167 539,24	151 397,10
120	167 846,58	151 251,50	174	167 538,38	151 400,33
121	167 807,65	151 256,10	175	167 538,38	151 404,86
122	167 804,17	151 255,73	176	167 537,73	151 407,23
123	167 797,56	151 252,14	177	167 524,04	151 431,70
124	167 793,96	151 251,59	178	167 517,63	151 438,65
125	167 784,58	151 252,60	179	167 514,28	151 439,77
126	167 773,17	151 255,36	180	167 494,45	151 437,44
127	167 767,55	151 259,24	181	167 491,09	151 435,67
128	167 764,23	151 260,71			

182	167 478,99	151 423,94	236	167 355,98	151 570,58
183	167 475,01	151 422,17	237	167 349,04	151 572,41
184	167 458,16	151 419,42	238	167 348,26	151 573,27
185	167 454,69	151 419,46	239	167 348,07	151 574,64
186	167 452,18	151 421,55	240	167 347,10	151 576,29
187	167 430,70	151 444,07	241	167 344,78	151 577,44
188	167 429,62	151 446,38	242	167 340,97	151 577,75
189	167 429,62	151 448,11	243	167 340,08	151 578,48
190	167 430,63	151 449,20	244	167 339,74	151 579,84
191	167 435,05	151 454,31	245	167 341,44	151 584,10
192	167 435,12	151 457,46	246	167 341,01	151 585,65
193	167 433,87	151 460,53	247	167 339,78	151 586,84
194	167 430,93	151 463,02	248	167 334,12	151 588,86
195	167 426,30	151 465,24	249	167 333,24	151 589,51
196	167 417,05	151 468,96	250	167 331,11	151 593,27
197	167 416,97	151 470,23	251	167 329,86	151 593,54
198	167 417,76	151 471,02	252	167 325,85	151 591,55
199	167 429,66	151 477,09	253	167 324,45	151 591,88
200	167 431,44	151 478,87	254	167 320,43	151 594,89
201	167 431,39	151 480,97	255	167 319,36	151 597,10
202	167 430,31	151 482,81	256	167 318,03	151 602,58
203	167 427,78	151 484,21	257	167 318,39	151 605,65
204	167 423,36	151 486,04	258	167 323,94	151 609,53
205	167 419,42	151 488,41	259	167 324,54	151 611,07
206	167 417,80	151 490,19	260	167 324,21	151 612,81
207	167 415,15	151 494,54	261	167 323,07	151 616,92
208	167 412,67	151 496,73	262	167 323,37	151 618,19
209	167 409,09	151 497,31	263	167 327,72	151 621,93
210	167 400,63	151 497,46	264	167 329,76	151 625,06
211	167 399,79	151 498,30	265	167 331,30	151 631,01
212	167 399,68	151 499,50	266	167 330,83	151 633,21
213	167 400,85	151 501,76	267	167 328,29	151 634,48
214	167 403,12	151 510,18	268	167 326,62	151 636,32
215	167 403,56	151 514,19	269	167 326,42	151 637,49
216	167 402,41	151 522,68	270	167 326,90	151 638,53
217	167 401,03	151 524,89	271	167 337,02	151 643,15
218	167 397,02	151 525,44	272	167 339,18	151 645,03
219	167 393,43	151 526,13	273	167 340,51	151 648,54
220	167 387,72	151 531,30	274	167 340,41	151 651,96
221	167 385,04	151 538,42	275	167 338,89	151 655,57
222	167 381,04	151 542,97	276	167 335,38	151 658,71
223	167 378,07	151 544,17	277	167 334,52	151 660,70
224	167 371,65	151 544,08	278	167 332,81	151 667,64
225	167 370,53	151 544,51	279	167 331,48	151 670,58
226	167 370,18	151 545,31	280	167 329,30	151 673,82
227	167 370,70	151 549,03	281	167 328,82	151 675,72
228	167 370,47	151 550,00	282	167 329,68	151 683,98
229	167 369,50	151 550,63	283	167 329,18	151 687,92
230	167 362,96	151 554,51	284	167 310,47	151 737,82
231	167 362,58	151 555,14	285	167 304,45	151 752,66
232	167 362,34	151 556,34	286	167 302,71	151 768,57
233	167 362,91	151 560,69	287	167 298,61	151 779,24
234	167 362,74	151 562,90	288	167 293,48	151 783,31
235	167 361,65	151 564,63	289	167 288,34	151 783,87

290	167 287,20	151 784,85	344	166 769,03	152 142,37
291	167 287,22	151 786,19	345	166 746,45	152 147,24
292	167 289,02	151 788,59	346	166 736,00	152 148,60
293	167 303,79	151 805,14	347	166 723,00	152 148,70
294	167 316,76	151 814,90	348	166 699,96	152 146,40
295	167 321,31	151 822,52	349	166 695,81	152 145,51
296	167 322,34	151 830,04	350	166 688,92	152 142,47
297	167 322,61	151 842,21	351	166 679,57	152 141,20
298	167 320,47	151 853,71	352	166 677,18	152 139,79
299	167 317,03	151 861,29	353	166 671,44	152 133,49
300	167 311,55	151 867,08	354	166 669,81	152 132,84
301	167 304,46	151 869,88	355	166 661,44	152 133,71
302	167 262,95	151 870,68	356	166 660,19	152 135,28
303	167 254,66	151 872,56	357	166 658,79	152 138,05
304	167 246,70	151 877,02	358	166 656,84	152 138,98
305	167 243,43	151 882,08	359	166 653,91	152 138,76
306	167 241,15	151 887,70	360	166 652,44	152 139,30
307	167 239,05	151 902,27	361	166 649,78	152 141,47
308	167 229,02	151 933,08	362	166 637,68	152 142,72
309	167 223,54	151 940,94	363	166 636,05	152 141,58
310	167 218,05	151 944,68	364	166 634,65	152 137,81
311	167 195,12	151 952,13	365	166 625,54	152 128,32
312	167 132,19	151 969,82	366	166 624,40	152 127,88
313	167 081,25	151 996,39	367	166 623,19	152 127,96
314	167 075,90	151 997,19	368	166 622,56	152 127,72
315	167 058,02	151 996,52	369	166 622,33	152 127,15
316	167 055,88	151 997,59	370	166 622,11	152 125,34
317	167 053,85	151 999,98	371	166 622,68	152 123,25
318	167 048,25	152 010,29	372	166 624,47	152 119,48
319	167 045,58	152 013,10	373	166 624,67	152 117,73
320	167 029,97	152 020,58	374	166 622,76	152 114,48
321	167 022,78	152 023,19	375	166 621,05	152 113,02
322	167 017,74	152 028,81	376	166 617,37	152 112,36
323	167 015,66	152 030,01	377	166 615,97	152 112,32
324	167 010,22	152 031,21	378	166 615,06	152 113,14
325	166 970,01	152 057,98	379	166 614,82	152 114,86
326	166 964,66	152 064,80	380	166 615,46	152 118,91
327	166 950,38	152 072,96	381	166 615,23	152 120,76
328	166 947,04	152 073,23	382	166 612,41	152 127,80
329	166 937,82	152 071,89	383	166 611,17	152 129,56
330	166 933,54	152 072,16	384	166 606,50	152 132,19
331	166 924,48	152 075,77	385	166 603,37	152 132,66
332	166 910,44	152 085,52	386	166 602,39	152 132,24
333	166 900,71	152 094,39	387	166 601,49	152 131,22
334	166 881,45	152 129,76	388	166 600,54	152 130,92
335	166 879,10	152 132,27	389	166 597,13	152 130,68
336	166 869,36	152 137,85	390	166 595,83	152 130,02
337	166 856,05	152 140,40	391	166 595,04	152 128,58
338	166 848,51	152 139,45	392	166 595,11	152 126,70
339	166 844,30	152 136,88	393	166 596,87	152 121,98
340	166 841,47	152 136,79	394	166 596,97	152 118,72
341	166 822,33	152 142,66	395	166 596,38	152 113,61
342	166 816,49	152 143,70	396	166 595,17	152 112,63
343	166 780,00	152 141,80	397	166 593,67	152 112,34

398	166 591,34	152 113,13	452	166 390,10	152 201,81
399	166 589,23	152 114,46	453	166 388,15	152 205,32
400	166 587,42	152 117,02	454	166 387,55	152 208,93
401	166 586,63	152 119,39	455	166 387,64	152 212,66
402	166 586,19	152 120,09	456	166 388,48	152 213,83
403	166 585,01	152 120,65	457	166 390,93	152 215,64
404	166 583,65	152 120,28	458	166 392,03	152 217,40
405	166 579,79	152 117,79	459	166 391,94	152 219,37
406	166 574,32	152 117,41	460	166 390,93	152 221,57
407	166 568,20	152 118,61	461	166 387,95	152 225,03
408	166 562,52	152 118,16	462	166 382,13	152 227,29
409	166 556,24	152 118,46	463	166 369,23	152 228,96
410	166 552,91	152 119,57	464	166 366,33	152 230,63
411	166 549,50	152 119,41	465	166 363,98	152 232,85
412	166 545,77	152 118,92	466	166 360,63	152 237,21
413	166 541,80	152 119,32	467	166 359,79	152 239,76
414	166 532,73	152 122,32	468	166 360,94	152 246,78
415	166 518,27	152 122,56	469	166 360,43	152 250,11
416	166 513,84	152 122,32	470	166 358,85	152 252,92
417	166 511,49	152 121,84	471	166 354,56	152 256,91
418	166 506,17	152 119,40	472	166 351,37	152 258,51
419	166 502,36	152 118,92	473	166 348,73	152 258,76
420	166 494,98	152 120,46	474	166 346,94	152 258,02
421	166 490,93	152 121,19	475	166 339,51	152 254,31
422	166 489,20	152 121,92	476	166 331,78	152 247,82
423	166 487,84	152 123,13	477	166 329,30	152 244,19
424	166 480,85	152 139,33	478	166 327,69	152 243,16
425	166 478,66	152 141,85	479	166 324,86	152 242,34
426	166 475,90	152 142,82	480	166 323,54	152 242,17
427	166 472,66	152 143,06	481	166 322,76	152 242,74
428	166 470,55	152 144,36	482	166 322,83	152 245,77
429	166 469,82	152 146,63	483	166 321,68	152 247,82
430	166 470,31	152 150,12	484	166 321,53	152 249,53
431	166 471,76	152 156,20	485	166 321,88	152 251,46
432	166 473,55	152 158,15	486	166 321,85	152 253,07
433	166 473,87	152 160,10	487	166 321,12	152 257,08
434	166 472,82	152 166,18	488	166 314,81	152 266,37
435	166 473,31	152 166,71	489	166 314,19	152 268,92
436	166 475,62	152 166,26	490	166 315,73	152 276,60
437	166 476,14	152 166,66	491	166 315,03	152 281,51
438	166 476,27	152 168,08	492	166 310,88	152 295,37
439	166 475,78	152 172,79	493	166 308,75	152 305,98
440	166 475,09	152 174,00	494	166 307,79	152 309,05
441	166 468,54	152 182,66	495	166 305,24	152 316,08
442	166 462,05	152 189,64	496	166 303,92	152 321,78
443	166 458,32	152 191,66	497	166 304,12	152 326,37
444	166 446,66	152 196,04	498	166 303,42	152 330,32
445	166 412,50	152 199,04	499	166 299,14	152 343,88
446	166 411,59	152 199,07	500	166 293,87	152 356,00
447	166 410,70	152 198,52	501	166 293,18	152 360,18
448	166 409,26	152 196,85	502	166 293,87	152 364,02
449	166 408,63	152 196,26	503	166 305,38	152 398,26
450	166 407,50	152 196,06	504	166 307,65	152 406,37
451	166 393,78	152 199,47	505	166 307,84	152 409,99

506	166 305,69	152 414,49	560	166 113,87	152 635,79
507	166 295,06	152 426,98	561	166 113,52	152 638,15
508	166 284,99	152 438,48	562	166 115,90	152 642,03
509	166 245,60	152 484,88	563	166 122,45	152 650,92
510	166 240,69	152 487,96	564	166 122,56	152 652,68
511	166 235,67	152 489,04	565	166 122,22	152 656,04
512	166 233,03	152 490,22	566	166 122,56	152 658,62
513	166 213,06	152 500,97	567	166 127,79	152 664,39
514	166 212,24	152 503,42	568	166 129,51	152 668,15
515	166 212,81	152 504,93	569	166 130,16	152 674,27
516	166 216,15	152 508,65	570	166 129,44	152 675,93
517	166 216,99	152 511,81	571	166 127,79	152 677,38
518	166 215,41	152 517,38	572	166 125,88	152 677,78
519	166 213,37	152 519,52	573	166 121,12	152 677,09
520	166 211,51	152 521,19	574	166 113,49	152 677,98
521	166 210,12	152 523,70	575	166 111,11	152 679,36
522	166 210,12	152 527,79	576	166 109,36	152 681,95
523	166 213,55	152 538,29	577	166 107,95	152 687,56
524	166 213,09	152 540,33	578	166 112,33	152 695,30
525	166 210,51	152 542,31	579	166 111,59	152 700,52
526	166 204,84	152 544,54	580	166 108,35	152 704,63
527	166 202,15	152 544,72	581	166 098,01	152 716,21
528	166 200,01	152 544,16	582	166 091,04	152 721,31
529	166 198,62	152 545,19	583	166 090,67	152 723,63
530	166 197,41	152 546,58	584	166 092,80	152 732,37
531	166 193,51	152 548,72	585	166 091,78	152 745,65
532	166 192,67	152 551,23	586	166 091,41	152 747,51
533	166 193,13	152 553,08	587	166 089,92	152 748,81
534	166 194,34	152 555,41	588	166 087,13	152 749,55
535	166 194,34	152 557,26	589	166 082,21	152 749,55
536	166 193,04	152 565,16	590	166 080,82	152 750,76
537	166 192,21	152 567,21	591	166 081,00	152 758,10
538	166 184,89	152 572,69	592	166 080,40	152 759,50
539	166 182,94	152 573,24	593	166 079,14	152 760,15
540	166 175,78	152 572,50	594	166 070,87	152 760,33
541	166 173,46	152 574,17	595	166 068,46	152 760,52
542	166 165,06	152 585,70	596	166 060,66	152 766,89
543	166 164,37	152 586,94	597	166 057,80	152 770,87
544	166 158,82	152 592,73	598	166 054,90	152 776,75
545	166 154,67	152 594,51	599	166 050,74	152 782,42
546	166 153,99	152 596,34	600	166 046,65	152 785,98
547	166 153,99	152 598,77	601	166 045,46	152 787,57
548	166 153,44	152 599,61	602	166 044,08	152 791,00
549	166 152,80	152 600,15	603	166 039,94	152 796,36
550	166 149,03	152 602,86	604	166 032,96	152 801,90
551	166 139,29	152 606,62	605	166 032,17	152 803,25
552	166 137,26	152 608,76	606	166 031,21	152 809,03
553	166 135,83	152 613,06	607	166 030,91	152 813,12
554	166 134,54	152 615,83	608	166 029,99	152 816,05
555	166 132,06	152 618,48	609	166 026,92	152 820,28
556	166 123,37	152 623,51	610	166 026,69	152 821,87
557	166 122,61	152 624,44	611	166 028,27	152 826,19
558	166 120,00	152 629,30	612	166 028,57	152 830,77
559	166 114,87	152 634,08	613	166 027,05	152 837,55

614	166 027,15	152 839,61	668	165 891,32	152 963,14
615	166 028,24	152 843,36	669	165 892,04	152 968,31
616	166 027,36	152 845,68	670	165 891,80	152 970,87
617	166 025,42	152 848,70	671	165 890,94	152 973,18
618	166 023,15	152 850,56	672	165 889,55	152 974,30
619	166 019,87	152 851,45	673	165 885,40	152 976,94
620	166 017,04	152 851,72	674	165 884,09	152 980,04
621	166 015,90	152 851,58	675	165 887,00	152 987,96
622	166 015,26	152 851,00	676	165 888,71	152 988,75
623	166 015,18	152 850,02	677	165 889,83	152 989,96
624	166 014,45	152 849,68	678	165 890,03	152 991,66
625	166 013,20	152 849,89	679	165 888,31	152 996,60
626	166 010,71	152 850,68	680	165 887,92	152 998,07
627	166 006,82	152 850,94	681	165 888,45	152 998,90
628	166 005,23	152 851,60	682	165 889,73	152 999,49
629	165 999,76	152 857,41	683	165 890,33	153 000,51
630	165 998,83	152 858,99	684	165 894,17	153 023,49
631	165 998,58	152 862,35	685	165 897,52	153 028,37
632	165 998,41	152 866,19	686	165 897,78	153 030,09
633	165 997,30	152 868,20	687	165 897,85	153 033,92
634	165 995,93	152 868,91	688	165 898,64	153 035,30
635	165 990,16	152 869,02	689	165 900,95	153 037,15
636	165 987,83	152 870,87	690	165 901,34	153 038,60
637	165 981,68	152 882,36	691	165 901,21	153 042,23
638	165 977,87	152 886,29	692	165 901,87	153 043,94
639	165 974,17	152 887,94	693	165 904,72	153 047,52
640	165 969,16	152 887,92	694	165 905,05	153 049,04
641	165 964,98	152 886,00	695	165 901,95	153 054,98
642	165 962,64	152 882,60	696	165 901,69	153 057,95
643	165 961,19	152 881,80	697	165 902,88	153 061,43
644	165 956,11	152 882,33	698	165 904,20	153 062,50
645	165 954,26	152 883,12	699	165 905,45	153 064,48
646	165 953,67	152 885,63	700	165 910,52	153 081,55
647	165 954,33	152 889,66	701	165 913,09	153 085,40
648	165 956,28	152 893,35	702	165 913,68	153 087,66
649	165 957,18	152 897,76	703	165 913,22	153 090,30
650	165 956,50	152 901,49	704	165 911,30	153 093,46
651	165 953,79	152 905,89	705	165 911,50	153 096,23
652	165 945,44	152 911,91	706	165 915,33	153 106,86
653	165 943,59	152 913,36	707	165 916,38	153 110,09
654	165 935,87	152 925,10	708	165 916,38	153 115,78
655	165 932,90	152 928,99	709	165 915,33	153 117,63
656	165 929,56	152 931,98	710	165 914,67	153 120,60
657	165 927,49	152 932,95	711	165 914,93	153 124,95
658	165 922,11	152 934,62	712	165 915,79	153 127,06
659	165 920,53	152 936,07	713	165 917,77	153 129,57
660	165 920,27	152 941,35	714	165 921,13	153 132,60
661	165 917,23	152 949,66	715	165 922,92	153 135,05
662	165 914,92	152 953,44	716	165 923,84	153 138,28
663	165 912,61	152 955,22	717	165 925,44	153 151,35
664	165 910,36	152 955,88	718	165 927,13	153 168,30
665	165 901,31	152 956,22	719	165 929,85	153 181,15
666	165 894,19	152 958,48	720	165 930,20	153 184,28
667	165 892,84	152 959,84	721	165 929,40	153 186,56

722	165 929,34	153 187,87	776	165 952,11	153 296,90
723	165 929,85	153 189,10	777	165 951,30	153 279,32
724	165 934,74	153 193,70	778	165 950,70	153 274,28
725	165 936,11	153 196,67	779	165 948,99	153 269,38
726	165 937,19	153 201,28	780	165 945,84	153 261,95
727	165 937,19	153 206,18	781	165 943,09	153 253,40
728	165 939,79	153 217,95	782	165 942,92	153 250,43
729	165 942,17	153 224,96	783	165 943,68	153 248,64
730	165 943,16	153 230,02	784	165 945,17	153 247,75
731	165 943,96	153 231,96	785	165 947,64	153 244,77
732	165 946,01	153 233,21	786	165 947,83	153 243,99
733	165 946,92	153 234,52	787	165 947,30	153 243,15
734	165 946,52	153 239,54	788	165 942,28	153 241,28
735	165 947,14	153 240,98	789	165 941,39	153 240,51
736	165 949,24	153 242,58	790	165 941,09	153 239,50
737	165 949,71	153 244,09	791	165 941,26	153 235,41
738	165 949,36	153 246,05	792	165 939,73	153 229,88
739	165 947,59	153 249,07	793	165 937,13	153 226,83
740	165 945,08	153 250,55	794	165 935,61	153 224,14
741	165 944,51	153 252,38	795	165 935,72	153 222,77
742	165 944,91	153 253,99	796	165 936,63	153 221,52
743	165 945,98	153 254,83	797	165 937,15	153 220,09
744	165 948,69	153 257,88	798	165 937,03	153 218,89
745	165 951,92	153 264,76	799	165 935,61	153 215,47
746	165 954,77	153 272,17	800	165 934,18	153 211,09
747	165 956,26	153 282,07	801	165 934,13	153 206,07
748	165 957,51	153 298,94	802	165 933,45	153 200,89
749	165 957,51	153 307,08	803	165 932,16	153 195,94
750	165 958,25	153 309,99	804	165 930,33	153 192,59
751	165 959,65	153 312,62	805	165 927,85	153 190,29
752	165 964,29	153 315,56	806	165 927,17	153 188,27
753	165 965,66	153 317,23	807	165 927,30	153 185,80
754	165 966,97	153 320,02	808	165 927,85	153 182,50
755	165 967,57	153 325,28	809	165 927,12	153 178,37
756	165 967,40	153 331,10	810	165 925,56	153 172,95
757	165 968,07	153 336,97	811	165 923,75	153 161,01
758	165 971,00	153 349,87	812	165 923,20	153 153,02
759	165 973,75	153 357,75	813	165 922,74	153 145,13
760	165 974,88	153 365,66	814	165 921,99	153 139,66
761	165 974,35	153 373,38	815	165 920,74	153 136,69
762	165 972,93	153 376,20	816	165 919,22	153 134,91
763	165 963,11	153 375,90	817	165 914,93	153 132,34
764	165 966,27	153 371,65	818	165 913,61	153 131,02
765	165 967,56	153 368,23	819	165 912,82	153 128,05
766	165 967,34	153 357,64	820	165 912,42	153 122,11
767	165 962,25	153 332,99	821	165 912,10	153 117,82
768	165 961,83	153 329,63	822	165 912,56	153 115,52
769	165 961,97	153 324,42	823	165 913,55	153 113,19
770	165 961,47	153 321,49	824	165 913,55	153 111,34
771	165 960,89	153 319,80	825	165 911,17	153 106,86
772	165 959,64	153 318,19	826	165 908,07	153 096,36
773	165 955,40	153 315,75	827	165 908,01	153 090,54
774	165 953,98	153 314,59	828	165 907,02	153 086,91
775	165 953,21	153 312,02	829	165 904,33	153 078,34

830	165 903,40	153 074,25	884	165 952,17	152 900,61
831	165 903,66	153 069,86	885	165 952,88	152 897,90
832	165 902,92	153 066,00	886	165 952,48	152 894,08
833	165 900,24	153 060,64	887	165 950,44	152 887,21
834	165 899,45	153 054,44	888	165 950,57	152 883,92
835	165 898,89	153 052,52	889	165 951,76	152 881,34
836	165 898,98	153 051,73	890	165 954,07	152 878,84
837	165 899,41	153 051,27	891	165 956,10	152 877,88
838	165 900,96	153 051,37	892	165 957,96	152 877,25
839	165 901,92	153 050,74	893	165 960,27	152 877,58
840	165 902,68	153 048,96	894	165 962,70	152 879,35
841	165 902,42	153 047,77	895	165 965,09	152 883,02
842	165 899,22	153 046,45	896	165 967,29	152 885,40
843	165 898,03	153 045,46	897	165 969,86	152 886,05
844	165 896,08	153 038,93	898	165 974,49	152 885,59
845	165 894,89	153 032,66	899	165 977,43	152 883,39
846	165 892,26	153 024,41	900	165 981,22	152 878,84
847	165 888,91	153 001,70	901	165 987,67	152 867,87
848	165 888,38	153 000,55	902	165 989,45	152 866,42
849	165 886,96	152 999,39	903	165 994,86	152 866,69
850	165 886,63	152 998,53	904	165 995,88	152 866,38
851	165 886,86	152 996,34	905	165 996,31	152 864,77
852	165 888,35	152 991,86	906	165 996,08	152 862,16
853	165 888,44	152 991,02	907	165 996,19	152 858,27
854	165 887,73	152 990,55	908	165 997,05	152 856,29
855	165 886,60	152 990,53	909	166 004,31	152 848,57
856	165 885,87	152 989,87	910	166 005,94	152 847,97
857	165 882,03	152 980,15	911	166 008,38	152 848,44
858	165 882,40	152 977,12	912	166 010,56	152 848,31
859	165 886,99	152 973,27	913	166 013,73	152 847,12
860	165 888,69	152 971,60	914	166 014,81	152 847,25
861	165 889,46	152 969,60	915	166 015,67	152 847,68
862	165 889,09	152 963,15	916	166 016,30	152 848,70
863	165 889,74	152 960,15	917	166 016,17	152 850,05
864	165 891,38	152 957,66	918	166 016,52	152 850,70
865	165 893,43	152 956,41	919	166 017,32	152 850,83
866	165 901,39	152 953,65	920	166 019,60	152 850,62
867	165 909,71	152 953,57	921	166 022,57	152 849,69
868	165 911,95	152 952,83	922	166 024,08	152 847,81
869	165 913,67	152 950,93	923	166 025,34	152 845,27
870	165 917,36	152 942,27	924	166 025,60	152 842,96
871	165 917,61	152 936,64	925	166 024,74	152 839,22
872	165 917,88	152 932,42	926	166 024,64	152 837,04
873	165 918,34	152 930,77	927	166 026,66	152 830,74
874	165 918,93	152 930,20	928	166 026,63	152 825,84
875	165 923,02	152 930,77	929	166 024,79	152 822,17
876	165 925,84	152 929,92	930	166 024,35	152 820,58
877	165 927,56	152 928,60	931	166 024,94	152 819,06
878	165 930,73	152 925,17	932	166 028,00	152 815,84
879	165 937,31	152 915,27	933	166 029,30	152 812,66
880	165 942,87	152 908,08	934	166 029,69	152 809,10
881	165 944,71	152 906,89	935	166 030,48	152 802,20
882	165 947,49	152 906,09	936	166 031,08	152 800,98
883	165 950,91	152 903,25	937	166 038,42	152 795,10

938	166 041,98	152 790,14	992	166 120,21	152 659,37
939	166 044,08	152 785,65	993	166 119,71	152 657,47
940	166 045,20	152 784,07	994	166 119,94	152 655,15
941	166 049,49	152 781,23	995	166 120,58	152 653,03
942	166 053,25	152 775,43	996	166 120,44	152 650,95
943	166 055,36	152 769,88	997	166 114,53	152 642,95
944	166 056,55	152 765,91	998	166 112,05	152 638,87
945	166 056,61	152 761,49	999	166 111,96	152 635,47
946	166 055,89	152 758,52	1000	166 113,52	152 632,44
947	166 054,50	152 755,29	1001	166 118,37	152 628,41
948	166 052,72	152 752,98	1002	166 121,38	152 623,20
949	166 050,21	152 751,20	1003	166 122,66	152 621,96
950	166 048,97	152 750,04	1004	166 130,53	152 617,71
951	166 048,84	152 746,57	1005	166 132,91	152 614,99
952	166 051,07	152 739,85	1006	166 134,29	152 612,61
953	166 055,23	152 731,14	1007	166 135,33	152 608,85
954	166 059,18	152 725,66	1008	166 136,42	152 606,92
955	166 061,15	152 724,85	1009	166 138,45	152 604,99
956	166 063,03	152 724,65	1010	166 148,93	152 601,03
957	166 064,71	152 724,85	1011	166 151,01	152 599,84
958	166 066,69	152 724,85	1012	166 151,85	152 599,00
959	166 068,47	152 724,13	1013	166 152,24	152 597,62
960	166 070,98	152 723,80	1014	166 152,39	152 595,80
961	166 072,96	152 722,61	1015	166 153,13	152 593,81
962	166 074,87	152 719,51	1016	166 158,07	152 591,42
963	166 075,52	152 717,66	1017	166 163,56	152 585,68
964	166 076,24	152 713,97	1018	166 163,66	152 585,04
965	166 075,25	152 711,66	1019	166 163,07	152 584,44
966	166 069,61	152 706,18	1020	166 160,54	152 583,40
967	166 068,46	152 702,01	1021	166 155,22	152 576,73
968	166 068,33	152 696,73	1022	166 153,54	152 575,86
969	166 068,79	152 693,50	1023	166 150,82	152 575,41
970	166 070,64	152 691,32	1024	166 148,53	152 575,83
971	166 073,38	152 690,59	1025	166 147,15	152 574,79
972	166 077,43	152 690,20	1026	166 146,71	152 573,26
973	166 080,32	152 691,19	1027	166 146,71	152 571,69
974	166 084,29	152 693,16	1028	166 147,31	152 568,87
975	166 088,10	152 695,48	1029	166 153,69	152 557,98
976	166 091,93	152 696,01	1030	166 154,68	152 556,15
977	166 093,78	152 695,61	1031	166 156,23	152 551,32
978	166 101,22	152 690,20	1032	166 158,58	152 546,69
979	166 104,65	152 687,89	1033	166 162,83	152 540,65
980	166 105,97	152 686,18	1034	166 165,36	152 534,46
981	166 106,23	152 683,27	1035	166 167,62	152 530,20
982	166 106,73	152 681,94	1036	166 171,07	152 526,19
983	166 109,60	152 677,52	1037	166 174,49	152 521,88
984	166 112,90	152 675,87	1038	166 177,11	152 519,66
985	166 117,92	152 675,34	1039	166 211,85	152 499,40
986	166 123,24	152 675,52	1040	166 231,30	152 485,43
987	166 125,55	152 675,74	1041	166 235,98	152 482,10
988	166 127,55	152 674,97	1042	166 240,85	152 480,05
989	166 128,65	152 672,95	1043	166 244,47	152 478,10
990	166 128,06	152 669,20	1044	166 278,83	152 436,63
991	166 126,74	152 666,17	1045	166 287,38	152 426,21

1046	166 290,05	152 420,67	1100	166 385,93	152 214,28
1047	166 291,42	152 419,23	1101	166 385,67	152 209,02
1048	166 295,62	152 416,76	1102	166 386,46	152 204,28
1049	166 297,87	152 414,90	1103	166 388,43	152 200,76
1050	166 302,23	152 409,25	1104	166 392,68	152 197,89
1051	166 303,02	152 407,32	1105	166 408,34	152 194,08
1052	166 302,76	152 404,83	1106	166 410,67	152 194,29
1053	166 290,38	152 367,99	1107	166 411,71	152 194,97
1054	166 288,89	152 361,50	1108	166 412,27	152 196,04
1055	166 287,05	152 357,20	1109	166 413,51	152 196,82
1056	166 287,40	152 353,95	1110	166 415,86	152 197,21
1057	166 290,82	152 348,07	1111	166 445,46	152 193,46
1058	166 294,07	152 339,55	1112	166 455,08	152 188,91
1059	166 297,58	152 327,02	1113	166 458,81	152 186,55
1060	166 302,08	152 311,86	1114	166 467,89	152 179,09
1061	166 304,36	152 304,05	1115	166 473,75	152 173,28
1062	166 305,42	152 295,01	1116	166 474,18	152 172,37
1063	166 306,82	152 290,36	1117	166 474,72	152 168,36
1064	166 312,44	152 280,61	1118	166 474,36	152 167,87
1065	166 312,70	152 276,75	1119	166 473,71	152 167,91
1066	166 310,55	152 268,04	1120	166 471,91	152 169,08
1067	166 310,85	152 265,02	1121	166 471,40	152 168,71
1068	166 317,01	152 259,26	1122	166 471,35	152 167,91
1069	166 318,39	152 256,85	1123	166 472,21	152 163,28
1070	166 318,97	152 254,56	1124	166 472,29	152 159,79
1071	166 318,80	152 249,86	1125	166 470,42	152 156,88
1072	166 318,94	152 248,58	1126	166 468,64	152 149,82
1073	166 320,48	152 246,14	1127	166 468,64	152 145,92
1074	166 320,92	152 244,42	1128	166 469,78	152 142,27
1075	166 320,95	152 240,72	1129	166 472,05	152 140,89
1076	166 321,69	152 239,91	1130	166 476,45	152 140,80
1077	166 323,09	152 239,62	1131	166 478,21	152 139,92
1078	166 328,00	152 241,67	1132	166 479,35	152 138,22
1079	166 330,09	152 242,96	1133	166 486,15	152 120,55
1080	166 332,80	152 246,78	1134	166 487,01	152 119,08
1081	166 340,23	152 253,05	1135	166 488,37	152 118,06
1082	166 346,50	152 256,13	1136	166 494,13	152 116,36
1083	166 349,22	152 256,90	1137	166 502,73	152 115,88
1084	166 351,62	152 256,65	1138	166 506,46	152 116,36
1085	166 353,77	152 255,29	1139	166 511,32	152 118,67
1086	166 357,19	152 251,08	1140	166 514,00	152 118,92
1087	166 357,95	152 248,27	1141	166 521,46	152 118,00
1088	166 357,73	152 245,29	1142	166 533,20	152 118,42
1089	166 356,13	152 238,27	1143	166 542,04	152 115,59
1090	166 356,83	152 234,14	1144	166 547,52	152 115,00
1091	166 359,31	152 229,66	1145	166 553,03	152 115,02
1092	166 362,74	152 227,12	1146	166 561,49	152 116,09
1093	166 364,95	152 226,60	1147	166 567,38	152 116,50
1094	166 382,08	152 224,86	1148	166 574,37	152 115,17
1095	166 387,97	152 222,43	1149	166 580,35	152 115,75
1096	166 389,62	152 220,69	1150	166 583,51	152 118,50
1097	166 390,32	152 218,80	1151	166 584,59	152 118,84
1098	166 389,67	152 217,02	1152	166 585,76	152 117,92
1099	166 386,54	152 215,51	1153	166 586,51	152 114,92

1154	166 587,68	152 113,34	1208	166 767,29	152 139,22
1155	166 590,01	152 112,01	1209	166 779,43	152 138,40
1156	166 593,00	152 110,43	1210	166 816,83	152 139,23
1157	166 595,42	152 110,76	1211	166 822,25	152 138,46
1158	166 597,75	152 112,67	1212	166 841,56	152 133,71
1159	166 598,71	152 115,34	1213	166 844,71	152 134,11
1160	166 598,91	152 119,25	1214	166 849,71	152 137,14
1161	166 597,07	152 126,13	1215	166 856,39	152 137,82
1162	166 596,74	152 127,86	1216	166 868,03	152 134,99
1163	166 597,15	152 128,81	1217	166 877,30	152 130,09
1164	166 598,18	152 129,14	1218	166 879,32	152 127,95
1165	166 600,96	152 129,49	1219	166 898,54	152 093,01
1166	166 602,09	152 129,71	1220	166 908,47	152 083,12
1167	166 603,03	152 130,47	1221	166 922,37	152 073,63
1168	166 604,24	152 130,73	1222	166 933,04	152 069,35
1169	166 606,21	152 129,82	1223	166 938,39	152 068,95
1170	166 608,84	152 127,56	1224	166 947,44	152 070,42
1171	166 610,67	152 125,24	1225	166 950,79	152 070,02
1172	166 613,06	152 120,96	1226	166 961,58	152 063,47
1173	166 613,67	152 119,07	1227	166 967,87	152 055,18
1174	166 612,87	152 114,55	1228	167 008,34	152 028,00
1175	166 613,53	152 112,50	1229	167 014,19	152 025,87
1176	166 614,81	152 111,06	1230	167 015,87	152 024,86
1177	166 616,84	152 110,45	1231	167 021,18	152 019,85
1178	166 621,96	152 111,61	1232	167 028,63	152 017,11
1179	166 623,92	152 113,08	1233	167 043,17	152 010,16
1180	166 626,24	152 117,67	1234	167 046,25	152 007,75
1181	166 626,20	152 119,39	1235	167 052,67	151 996,12
1182	166 623,82	152 123,57	1236	167 054,67	151 993,71
1183	166 623,66	152 125,08	1237	167 056,95	151 992,91
1184	166 623,95	152 126,09	1238	167 075,63	151 993,45
1185	166 624,75	152 126,52	1239	167 080,98	151 992,78
1186	166 625,68	152 126,73	1240	167 131,80	151 966,80
1187	166 626,39	152 127,15	1241	167 195,13	151 949,63
1188	166 636,64	152 136,88	1242	167 217,79	151 940,81
1189	166 638,06	152 140,22	1243	167 222,47	151 937,60
1190	166 639,25	152 140,76	1244	167 227,26	151 930,70
1191	166 648,85	152 139,46	1245	167 236,37	151 901,60
1192	166 651,68	152 137,73	1246	167 238,61	151 886,49
1193	166 652,93	152 137,29	1247	167 240,75	151 881,14
1194	166 655,92	152 137,24	1248	167 244,77	151 875,57
1195	166 656,95	152 136,53	1249	167 253,86	151 869,48
1196	166 659,01	152 133,27	1250	167 262,99	151 867,69
1197	166 660,90	152 131,91	1251	167 303,12	151 866,94
1198	166 670,73	152 131,32	1252	167 309,94	151 863,83
1199	166 672,47	152 131,86	1253	167 314,22	151 859,72
1200	166 678,72	152 136,03	1254	167 317,96	151 852,50
1201	166 682,13	152 137,73	1255	167 320,10	151 842,07
1202	166 688,57	152 138,77	1256	167 319,54	151 830,96
1203	166 696,03	152 142,55	1257	167 318,37	151 823,99
1204	166 699,74	152 143,21	1258	167 314,62	151 817,44
1205	166 723,00	152 144,32	1259	167 301,45	151 807,35
1206	166 735,30	152 144,43	1260	167 284,28	151 787,26
1207	166 746,56	152 142,24	1261	167 283,94	151 783,71

1262	167 284,88	151 781,84	1316	167 360,00	151 563,28
1263	167 286,68	151 780,71	1317	167 360,45	151 562,42
1264	167 292,72	151 780,63	1318	167 360,62	151 561,27
1265	167 296,59	151 777,73	1319	167 360,11	151 556,44
1266	167 300,04	151 768,44	1320	167 360,53	151 554,53
1267	167 301,77	151 753,06	1321	167 362,26	151 551,95
1268	167 307,66	151 736,22	1322	167 365,85	151 549,75
1269	167 325,57	151 688,99	1323	167 366,87	151 548,74
1270	167 326,26	151 684,93	1324	167 367,34	151 547,48
1271	167 325,59	151 674,39	1325	167 367,61	151 544,00
1272	167 326,16	151 672,20	1326	167 368,81	151 542,45
1273	167 328,82	151 668,59	1327	167 370,98	151 541,99
1274	167 330,06	151 665,74	1328	167 378,07	151 541,48
1275	167 331,77	151 659,85	1329	167 379,90	151 540,45
1276	167 332,91	151 657,57	1330	167 383,43	151 536,79
1277	167 337,61	151 653,11	1331	167 386,29	151 529,99
1278	167 338,32	151 650,35	1332	167 390,58	151 525,70
1279	167 337,94	151 647,31	1333	167 394,12	151 524,17
1280	167 336,22	151 645,10	1334	167 398,68	151 522,79
1281	167 325,30	151 639,92	1335	167 399,99	151 521,26
1282	167 324,62	151 638,49	1336	167 401,36	151 513,95
1283	167 324,62	151 636,35	1337	167 400,99	151 509,93
1284	167 327,15	151 632,88	1338	167 398,75	151 502,51
1285	167 329,19	151 632,24	1339	167 396,65	151 498,84
1286	167 329,62	151 630,67	1340	167 396,43	151 496,87
1287	167 327,49	151 625,19	1341	167 397,64	151 495,27
1288	167 326,08	151 622,92	1342	167 408,84	151 495,34
1289	167 321,60	151 618,31	1343	167 411,68	151 494,76
1290	167 321,34	151 616,70	1344	167 413,32	151 493,01
1291	167 322,44	151 612,97	1345	167 414,86	151 490,38
1292	167 322,54	151 611,87	1346	167 415,97	151 487,39
1293	167 322,34	151 610,87	1347	167 417,10	151 485,93
1294	167 316,79	151 606,61	1348	167 422,37	151 484,25
1295	167 316,39	151 603,06	1349	167 426,59	151 482,27
1296	167 317,73	151 595,71	1350	167 427,72	151 480,87
1297	167 318,80	151 593,35	1351	167 427,68	151 479,29
1298	167 324,65	151 589,01	1352	167 425,84	151 477,69
1299	167 326,05	151 588,81	1353	167 418,54	151 473,83
1300	167 328,79	151 590,86	1354	167 416,97	151 473,44
1301	167 329,86	151 591,07	1355	167 415,01	151 475,21
1302	167 331,60	151 588,43	1356	167 413,37	151 475,08
1303	167 332,53	151 587,35	1357	167 411,99	151 474,03
1304	167 338,49	151 585,18	1358	167 411,40	151 472,39
1305	167 339,19	151 584,64	1359	167 412,25	151 468,85
1306	167 339,19	151 583,63	1360	167 413,76	151 467,28
1307	167 336,71	151 579,22	1361	167 425,75	151 463,22
1308	167 336,88	151 577,12	1362	167 429,81	151 460,67
1309	167 338,95	151 575,74	1363	167 431,69	151 458,02
1310	167 344,14	151 575,28	1364	167 432,11	151 456,08
1311	167 345,28	151 574,72	1365	167 431,06	151 453,53
1312	167 345,84	151 573,73	1366	167 426,51	151 449,41
1313	167 345,78	151 572,03	1367	167 426,01	151 447,75
1314	167 346,38	151 571,18	1368	167 426,16	151 446,01
1315	167 355,00	151 568,45	1369	167 428,24	151 443,13

1370	167 450,91	151 418,27	1424	167 714,24	151 291,50
1371	167 453,80	151 416,46	1425	167 714,04	151 285,69
1372	167 457,91	151 416,32	1426	167 715,05	151 283,11
1373	167 476,59	151 419,00	1427	167 732,91	151 265,60
1374	167 479,94	151 420,87	1428	167 734,49	151 264,71
1375	167 492,49	151 431,86	1429	167 762,66	151 257,58
1376	167 496,03	151 433,72	1430	167 765,43	151 256,29
1377	167 511,86	151 436,42	1431	167 771,98	151 251,86
1378	167 516,03	151 435,58	1432	167 785,44	151 249,37
1379	167 520,96	151 430,55	1433	167 794,33	151 248,54
1380	167 534,18	151 406,91	1434	167 797,65	151 249,00
1381	167 534,93	151 404,11	1435	167 803,80	151 252,32
1382	167 535,04	151 399,69	1436	167 807,31	151 253,06
1383	167 536,44	151 395,27	1437	167 845,89	151 247,26
1384	167 540,64	151 390,63	1438	167 847,18	151 245,87
1385	167 542,58	151 386,86	1439	167 848,47	151 242,35
1386	167 543,27	151 381,07	1440	167 850,59	151 239,96
1387	167 545,25	151 376,73	1441	167 861,88	151 237,43
1388	167 548,38	151 374,72	1442	167 903,38	151 228,39
1389	167 551,07	151 373,92	1443	167 905,59	151 228,39
1390	167 553,12	151 375,11	1444	167 914,84	151 234,61
1391	167 554,80	151 378,28	1445	167 922,71	151 235,71
1392	167 556,17	151 379,50	1446	167 984,58	151 231,02
1393	167 557,57	151 379,64	1447	167 988,41	151 231,30
1394	167 559,22	151 377,17	1448	168 021,27	151 258,34
1395	167 560,88	151 375,57	1449	168 021,96	151 259,47
1396	167 562,67	151 374,83	1450	168 022,51	151 264,86
1397	167 566,53	151 375,79	1451	168 023,11	151 266,10
1398	167 568,19	151 377,87	1452	168 024,63	151 266,15
1399	167 569,29	151 378,10	1453	168 025,74	151 265,23
1400	167 570,40	151 377,59	1454	168 026,38	151 262,78
1401	167 573,60	151 371,34	1455	168 026,52	151 259,61
1402	167 575,54	151 369,40	1456	168 025,45	151 255,78
1403	167 579,53	151 369,18	1457	168 025,77	151 253,80
1404	167 583,76	151 371,38	1458	168 026,60	151 252,97
1405	167 586,94	151 376,07	1459	168 031,72	151 252,64
1406	167 589,46	151 376,75	1460	168 033,75	151 253,47
1407	167 592,43	151 376,65	1461	168 036,60	151 257,12
1408	167 596,60	151 374,50	1462	168 040,32	151 269,93
1409	167 600,36	151 371,25	1463	168 041,33	151 270,71
1410	167 601,44	151 368,94	1464	168 042,95	151 270,52
1411	167 601,79	151 364,44	1465	168 044,66	151 266,52
1412	167 602,87	151 361,26	1466	168 046,34	151 265,30
1413	167 628,86	151 342,05	1467	168 049,51	151 265,03
1414	167 638,51	151 332,93	1468	168 050,81	151 265,88
1415	167 640,86	151 330,47	1469	168 051,37	151 267,51
1416	167 643,33	151 323,05	1470	168 052,08	151 271,37
1417	167 644,74	151 320,73	1471	168 053,50	151 273,76
1418	167 658,54	151 308,93	1472	168 057,21	151 278,38
1419	167 671,88	151 301,11	1473	168 059,48	151 279,76
1420	167 676,86	151 299,82	1474	168 065,79	151 279,60
1421	167 706,59	151 298,69	1475	168 066,70	151 280,47
1422	167 709,91	151 297,58	1476	168 069,15	151 280,53
1423	167 713,60	151 294,54	1477	168 076,01	151 277,04

1478	168 080,49	151 272,92	1532	169 007,93	152 263,83
1479	168 087,33	151 264,61	1533	169 013,20	152 280,67
1480	168 092,60	151 261,67	1534	169 033,76	152 311,46
1481	168 099,78	151 261,98	1535	169 061,58	152 371,58
1482	168 107,66	151 265,96	1536	169 065,58	152 382,34
1483	168 116,47	151 268,29	1537	169 065,34	152 388,95
1484	168 119,66	151 272,82	1538	169 064,11	152 397,28
1485	168 123,70	151 281,27	1539	169 065,63	152 404,91
1486	168 127,12	151 281,88	1540	169 070,78	152 419,27
1487	168 130,43	151 279,31	1541	169 081,68	152 430,46
1488	168 130,92	151 275,51	1542	169 084,62	152 438,05
1489	168 126,67	151 266,42	1543	169 084,86	152 447,35
1490	168 122,96	151 260,91	1544	169 083,49	152 462,17
1491	168 120,57	151 255,13	1545	169 084,40	152 487,95
1492	168 118,70	151 248,30	1546	169 087,31	152 553,14
1493	168 116,31	151 243,56	1547	169 090,29	152 587,83
1494	168 118,37	151 237,21	1548	169 089,49	152 604,00
1495	168 123,35	151 234,81	1549	169 087,69	152 626,03
1496	168 133,74	151 237,92	1550	169 085,32	152 643,64
1497	168 144,63	151 247,23	1551	169 084,49	152 668,31
1498	168 149,41	151 252,74	1552	169 086,82	152 686,44
1499	168 161,96	151 285,67	1553	169 090,48	152 695,15
1500	168 167,10	151 291,80	1554	169 123,98	152 737,02
1501	168 205,79	151 312,61	1555	169 204,27	152 838,74
1502	168 234,62	151 330,80	1556	169 296,57	152 955,69
1503	168 268,58	151 381,84	1557	169 312,73	152 976,09
1504	168 287,29	151 413,53	1558	169 326,43	152 996,43
1505	168 294,07	151 421,40	1559	166 210,02	152 504,55
1506	168 308,49	151 433,82	1560	166 213,01	152 508,66
1507	168 323,70	151 445,58	1561	166 214,50	152 510,78
1508	168 344,45	151 456,97	1562	166 214,25	152 513,64
1509	168 354,49	151 467,02	1563	166 212,38	152 517,00
1510	168 387,97	151 508,89	1564	166 208,52	152 520,61
1511	168 427,09	151 551,56	1565	166 208,27	152 523,98
1512	168 453,39	151 572,49	1566	166 208,65	152 528,08
1513	168 488,49	151 609,42	1567	166 210,14	152 535,06
1514	168 520,08	151 652,76	1568	166 211,51	152 538,05
1515	168 528,58	151 669,90	1569	166 211,01	152 539,79
1516	168 534,28	151 687,58	1570	166 206,41	152 542,15
1517	168 537,14	151 698,01	1571	166 203,42	152 542,40
1518	168 555,28	151 748,82	1572	166 198,56	152 542,15
1519	168 588,91	151 791,64	1573	166 197,44	152 543,03
1520	168 635,16	151 838,21	1574	166 191,21	152 548,13
1521	168 656,44	151 869,66	1575	166 190,47	152 551,62
1522	168 694,79	151 903,77	1576	166 191,96	152 556,35
1523	168 752,46	151 949,80	1577	166 191,46	152 561,83
1524	168 804,84	152 000,30	1578	166 190,97	152 565,31
1525	168 858,86	152 059,21	1579	166 188,72	152 567,55
1526	168 885,94	152 093,51	1580	166 184,62	152 570,29
1527	168 938,55	152 151,56	1581	166 181,38	152 570,67
1528	168 965,43	152 183,96	1582	166 174,78	152 570,17
1529	168 981,41	152 208,41	1583	166 172,79	152 571,29
1530	169 000,51	152 231,92	1584	166 167,93	152 578,51
1531	169 004,67	152 243,18	1585	166 164,82	152 582,49

1586	166 162,58	152 582,62	1640	166 070,54	152 697,82
1587	166 160,09	152 580,13	1641	166 071,44	152 693,45
1588	166 156,48	152 575,40	1642	166 075,30	152 692,42
1589	166 153,36	152 574,15	1643	166 079,81	152 693,06
1590	166 150,50	152 573,78	1644	166 088,29	152 697,95
1591	166 150,25	152 571,78	1645	166 094,21	152 698,72
1592	166 156,23	152 557,72	1646	166 098,33	152 696,53
1593	166 159,34	152 550,99	1647	166 103,21	152 690,49
1594	166 164,57	152 543,15	1648	166 088,94	152 724,96
1595	166 167,81	152 536,92	1649	166 090,35	152 731,01
1596	166 171,17	152 530,57	1650	166 089,84	152 737,95
1597	166 177,64	152 523,48	1651	166 089,06	152 745,15
1598	166 187,11	152 518,99	1652	166 087,39	152 746,95
1599	166 195,32	152 514,26	1653	166 081,60	152 747,21
1600	166 204,91	152 506,92	1654	166 078,77	152 747,86
1601	166 207,15	152 504,55	1655	166 077,23	152 750,56
1602	166 106,04	152 689,72	1656	166 077,62	152 752,49
1603	166 108,36	152 690,75	1657	166 078,90	152 755,06
1604	166 110,16	152 694,48	1658	166 079,16	152 757,24
1605	166 110,16	152 696,41	1659	166 077,62	152 758,02
1606	166 108,49	152 697,95	1660	166 074,92	152 757,50
1607	166 106,40	152 700,43	1661	166 071,83	152 754,41
1608	166 104,24	152 704,51	1662	166 071,70	152 750,43
1609	166 098,58	152 713,00	1663	166 073,37	152 743,22
1610	166 090,35	152 719,69	1664	166 078,13	152 737,82
1611	166 086,36	152 720,33	1665	166 082,38	152 733,19
1612	166 083,82	152 721,55	1666	166 084,56	152 729,59
1613	166 082,79	152 723,55	1667	166 085,59	152 723,29
1614	166 082,12	152 726,37	1668	166 087,52	152 723,29
1615	166 080,19	152 731,65			
1616	166 072,86	152 740,27			
1617	166 070,29	152 744,25			
1618	166 069,13	152 751,07			
1619	166 069,13	152 755,19			
1620	166 068,23	152 758,14			
1621	166 066,04	152 760,33			
1622	166 058,42	152 766,83			
1623	166 057,90	152 766,38			
1624	166 057,55	152 760,97			
1625	166 057,29	152 757,63			
1626	166 056,14	152 754,80			
1627	166 053,82	152 751,71			
1628	166 050,99	152 749,14			
1629	166 051,02	152 746,05			
1630	166 053,69	152 737,82			
1631	166 059,10	152 729,46			
1632	166 066,43	152 726,50			
1633	166 073,50	152 724,96			
1634	166 076,20	152 722,77			
1635	166 076,72	152 719,81			
1636	166 078,26	152 712,74			
1637	166 078,00	152 709,78			
1638	166 074,02	152 706,05			
1639	166 071,57	152 703,35			

Водоохранная зона реки Черная

Система координат – МСК 33

Номер и координаты характерных точек прибрежной защитной полосы					
№	X, м	Y, м	№	X, м	Y, м
1	168560.49	151623.31	61	168288.63	151533.40
2	168573.37	151647.68	62	168261.56	151531.01
3	168599.63	151724.34	63	168249.18	151527.18
4	168626.43	151758.47	64	168225.06	151513.47
5	168673.33	151805.92	65	168206.76	151497.45
6	168694.34	151836.45	66	168190.90	151469.08
7	168784.44	151911.37	67	168176.07	151403.33
8	168839.54	151964.30	68	168121.33	151381.46
9	168897.03	152026.92	69	168088.49	151375.21
10	169003.91	152152.04	70	168075.20	151369.96
11	169045.73	152210.58	71	168056.49	151357.68
12	169058.78	152258.88	72	168044.69	151345.63
13	169076.95	152286.28	73	168032.92	151324.36
14	169106.96	152350.59	74	168018.29	151317.96
15	169114.79	152373.45	75	168004.52	151314.72
16	169115.09	152393.10	76	167992.92	151308.74
17	169124.88	152405.28	77	167970.79	151284.80
18	169132.86	152424.91	78	167923.40	151288.10
19	169140.29	152587.62	79	167897.67	151284.04
20	169135.26	152671.07	80	167881.96	151287.75
21	169351.93	152945.04	81	167869.45	151296.21
22	169369.62	152971.24	82	167855.45	151300.70
28	169317.04	153047.65	88	167715.84	151350.11
29	169303.77	153043.55	89	167688.95	151352.19
30	169289.50	153033.65	90	167676.63	151370.34
31	169161.58	152872.22	91	167648.23	151393.48
32	169047.68	152728.84	92	167640.72	151405.62
33	169039.67	152714.74	93	167628.10	151417.08
34	169034.05	152696.17	94	167608.09	151426.94
35	169031.11	152668.81	95	167582.70	151429.02
36	169030.66	152622.87	96	167565.11	151460.22
37	169034.30	152589.70	97	167542.80	151481.86
38	169029.90	152555.24	99	167481.15	151485.75
39	169028.25	152457.01	100	167474.79	151505.80
40	169019.85	152446.27	101	167465.80	151518.02
41	169010.61	152424.58	102	167452.16	151528.03
42	169006.77	152390.92	103	167441.54	151554.20
43	168961.59	152302.38	104	167407.30	151585.47
44	168950.27	152262.82	105	167400.08	151596.62
45	168934.81	152245.93	106	167380.26	151616.56
46	168916.97	152218.24	107	167389.72	151639.66
47	168763.84	152038.16	108	167389.69	151660.45
48	168713.65	151990.76	109	167353.40	151765.01
49	168611.73	151905.32	110	167351.56	151779.02
50	168589.66	151872.19	111	167366.54	151801.21
51	168547.04	151828.01	112	167371.88	151823.22
52	168508.81	151779.41	113	167371.89	151850.69
58	168327.11	151562.74	115	167347.83	151901.48
59	168315.57	151559.07	116	167333.40	151912.04
60	168304.53	151552.10	117	167313.34	151919.09

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119	167272.42	151957.90
120	167259.04	151976.15
121	167246.25	151985.98
122	167235.35	151991.60
123	167210.57	151999.69
124	167150.71	152016.55
125	167101.50	152042.10
126	167082.61	152046.72
127	167070.76	152056.30
128	167030.62	152077.70
129	167004.39	152095.16
130	166993.50	152105.64
131	166975.19	152116.37
132	166963.52	152121.20
133	166943.96	152123.12
134	166941.68	152124.71
135	166915.63	152166.42
136	166904.28	152175.47
137	166882.74	152186.03
138	166860.61	152190.19
139	166841.79	152188.99
140	166821.01	152193.50
141	166775.64	152192.09
142	166742.43	152198.18
143	166723.30	152198.70
144	166691.48	152195.67
145	166665.11	152189.02
146	166642.81	152192.46
147	166629.20	152192.00
148	166616.73	152188.13
149	166607.28	152182.53
150	166594.89	152181.93
151	166580.22	152177.74
152	166563.72	152168.39
153	166526.04	152172.44
154	166518.54	152198.74
155	166494.35	152227.81
156	166479.10	152237.14
157	166464.10	152242.90
158	166433.72	152247.37
159	166420.25	152263.20
160	166405.40	152271.90
161	166397.29	152284.90
162	166386.86	152295.08
163	166373.81	152303.19
164	166359.37	152307.84
165	166345.84	152361.71
166	166357.77	152407.29
167	166356.19	152422.73
168	166349.10	152439.30
169	166283.72	152517.24
170	166263.06	152532.67
171	166262.83	152546.76

172	166258.49	152561.27
173	166251.53	152572.31
174	166239.85	152582.72
175	166230.64	152599.18
176	166214.87	152612.70
177	166202.19	152619.60
178	166188.95	152634.82
179	166174.30	152646.07
180	166180.16	152674.05
181	166175.34	152695.76
182	166142.23	152741.77
183	166139.58	152760.90
184	166132.49	152776.01
185	166112.70	152797.66
186	166094.13	152807.80
187	166078.50	152828.25
188	166076.59	152856.09
189	166063.86	152880.68
190	166051.66	152891.64
191	166036.94	152898.59
192	166010.17	152924.46
193	165995.72	152933.08
194	165963.36	152968.83
195	165953.36	152985.41
196	165940.43	152996.74
197	165952.73	153033.53
198	165954.69	153054.67
199	165962.88	153078.76
200	165978.53	153169.66
201	165998.91	153235.19
202	166006.80	153288.69
203	166015.21	153306.87
204	166023.80	153362.78
205	166019.09	153363.24
206	165993.53	153372.10
207	165985.25	153373.55
208	165977.64	153376.32
209	165972.93	153376.20
210	165974.35	153373.38
211	165974.88	153365.66
212	165973.75	153357.75
213	165971.00	153349.87
214	165968.07	153336.97
215	165967.40	153331.10
216	165967.57	153325.28
217	165966.97	153320.02
218	165965.66	153317.23
219	165964.29	153315.56
220	165959.65	153312.62
221	165958.25	153309.99
222	165957.51	153307.08
223	165957.51	153298.94
224	165956.26	153282.07
225	165954.77	153272.17

226	165951.92	153264.76
227	165948.69	153257.88
228	165945.98	153254.83
229	165944.91	153253.99
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231	165945.08	153250.55
232	165947.59	153249.07
233	165949.36	153246.05
234	165949.71	153244.09
235	165949.24	153242.58
236	165947.14	153240.98
237	165946.52	153239.54
238	165946.92	153234.52
239	165946.01	153233.21
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241	165943.16	153230.02
242	165942.17	153224.96
243	165939.79	153217.95
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245	165937.19	153201.28
246	165936.11	153196.67
247	165934.74	153193.70
248	165929.85	153189.10
249	165929.34	153187.87
250	165929.40	153186.56
251	165930.20	153184.28
252	165929.85	153181.15
253	165927.13	153168.30
254	165925.44	153151.35
255	165923.84	153138.28
256	165922.92	153135.05
257	165921.13	153132.60
258	165917.77	153129.57
259	165915.79	153127.06
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261	165914.67	153120.60
262	165915.33	153117.63
263	165916.38	153115.78
264	165916.38	153110.09
265	165915.33	153106.86
266	165911.50	153096.23
267	165911.30	153093.46
268	165913.22	153090.30
269	165913.68	153087.66
270	165913.09	153085.40
271	165910.52	153081.55
272	165905.45	153064.48
273	165904.20	153062.50
274	165902.88	153061.43
275	165901.69	153057.95
276	165901.95	153054.98
277	165905.05	153049.04
278	165904.72	153047.52
279	165901.87	153043.94

280	165901.21	153042.23
281	165901.34	153038.60
282	165900.95	153037.15
283	165898.64	153035.30
284	165897.85	153033.92
285	165897.78	153030.09
286	165897.52	153028.37
287	165894.17	153023.49
288	165890.33	153000.51
289	165889.73	152999.49
290	165888.45	152998.90
291	165887.92	152998.07
292	165888.31	152996.60
293	165890.03	152991.66
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297	165884.09	152980.04
298	165885.40	152976.94
299	165889.55	152974.30
300	165890.94	152973.18
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303	165891.32	152963.14
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305	165894.19	152958.48
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309	165914.92	152953.44
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311	165920.27	152941.35
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316	165932.90	152928.99
317	165935.87	152925.10
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319	165945.44	152911.91
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323	165956.28	152893.35
324	165954.33	152889.66
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332	165974.17	152887.94
333	165977.87	152886.29

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336	165990.16	152869.02
337	165995.93	152868.91
338	165997.30	152868.20
339	165998.41	152866.19
340	165998.58	152862.35
341	165998.83	152858.99
342	165999.76	152857.41
343	166005.23	152851.60
344	166006.82	152850.94
345	166010.71	152850.68
346	166013.20	152849.89
347	166014.45	152849.68
348	166015.18	152850.02
349	166015.26	152851.00
350	166015.90	152851.58
351	166017.04	152851.72
352	166019.87	152851.45
353	166023.15	152850.56
354	166025.42	152848.70
355	166027.36	152845.68
356	166028.24	152843.36
357	166027.15	152839.61
358	166027.05	152837.55
359	166028.57	152830.77
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366	166032.17	152803.25
367	166032.96	152801.90
368	166039.94	152796.36
369	166044.08	152791.00
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373	166054.90	152776.75
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383	166087.13	152749.55
384	166089.92	152748.81
385	166091.41	152747.51
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387	166092.80	152732.37

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393	166112.33	152695.30
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407	166122.56	152652.68
408	166122.45	152650.92
409	166115.90	152642.03
410	166113.52	152638.15
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413	166120.00	152629.30
414	166122.61	152624.44
415	166123.37	152623.51
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419	166137.26	152608.76
420	166139.29	152606.62
421	166149.03	152602.86
422	166152.80	152600.15
423	166153.44	152599.61
424	166153.99	152598.77
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427	166158.82	152592.73
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431	166175.78	152572.50
432	166182.94	152573.24
433	166184.89	152572.69
434	166192.21	152567.21
435	166193.04	152565.16
436	166194.34	152557.26
437	166194.34	152555.41
438	166193.14	152553.08
439	166192.67	152551.23
440	166193.51	152548.72
441	166197.41	152546.58

442	166198.62	152545.19
443	166200.01	152544.16
444	166202.15	152544.72
445	166204.84	152544.54
446	166210.51	152542.31
447	166213.09	152540.33
448	166213.55	152538.29
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456	166212.81	152504.93
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458	166213.06	152500.97
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462	166245.60	152484.88
463	166284.99	152438.48
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491	166323.54	152242.17
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493	166327.69	152243.16
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499	166351.37	152258.51
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671	167311.55	151867.08
672	167317.03	151861.29
673	167320.47	151853.71
674	167322.61	151842.21
675	167322.34	151830.04
676	167321.31	151822.52
677	167316.76	151814.90
678	167303.79	151805.14
679	167289.02	151788.59
680	167287.22	151786.19
681	167287.20	151784.85
682	167288.34	151783.87
683	167293.48	151783.31
684	167298.61	151779.24
685	167302.71	151768.57
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687	167310.47	151737.82
688	167329.18	151687.92
689	167329.68	151683.98
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691	167329.30	151673.82
692	167331.48	151670.58
693	167332.81	151667.64
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695	167335.38	151658.71
696	167338.89	151655.57
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1224	167339.20	151584.64
1225	167338.49	151585.18
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1242	167327.49	151625.19
1243	167329.62	151630.67
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1246	167324.62	151636.35
1247	167324.62	151638.49
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1743	165947.83	153243.99
1744	165947.64	153244.77
1745	165945.17	153247.75
1746	165943.68	153248.64
1747	165942.92	153250.43
1748	165943.09	153253.40
1749	165945.84	153261.95
1750	165948.99	153269.38
1751	165950.70	153274.28
1752	165951.31	153279.32
1753	165952.11	153296.90
1754	165953.21	153312.02
1755	165953.98	153314.59
1756	165955.40	153315.75
1757	165959.64	153318.19
1758	165960.89	153319.80
1759	165961.47	153321.49
1760	165961.97	153324.42
1761	165961.83	153329.63
1762	165962.25	153332.99
1763	165967.34	153357.64
1764	165967.56	153368.23
1765	165966.27	153371.65
1766	165963.11	153375.90
1767	165953.75	153380.45
1768	165950.27	153381.33
1769	165946.85	153381.20
1770	165943.50	153381.65
1771	165931.04	153385.19
1772	165921.95	153386.55
1773	165915.05	153384.70
1774	165913.11	153376.12
1775	165916.39	153358.16
1776	165904.01	153320.92
1777	165901.54	153285.55
1778	165878.74	153200.68
1779	165873.62	153160.97
1780	165863.62	153136.95
1781	165858.14	153098.15
1782	165832.83	152989.05
1783	165834.05	152964.39
1784	165852.94	152925.69
1785	165872.27	152911.11
1786	165883.53	152894.88
1787	165900.68	152880.89
1788	165905.17	152862.96
1789	165914.98	152847.47
1790	165932.78	152833.59
1791	165945.49	152828.83

1792	165956.33	152827.32
1793	165976.17	152807.27
1794	165986.12	152779.10
1795	166000.35	152761.48
1796	166000.34	152734.41
1797	166010.11	152709.60
1798	166018.29	152696.94
1799	166023.38	152672.56
1800	166038.33	152653.15
1801	166049.31	152646.10
1802	166062.18	152641.90
1803	166066.11	152615.53
1804	166075.08	152600.47
1805	166096.86	152576.42
1806	166100.25	152551.96
1807	166126.54	152501.69
1808	166148.26	152478.82
1809	166212.99	152437.72
1810	166244.97	152399.04
1811	166246.87	152395.49
1812	166237.26	152361.76
1813	166238.12	152345.47
1814	166255.19	152294.07
1815	166263.80	152248.12
1816	166275.55	152219.78
1817	166283.98	152207.06
1818	166292.84	152199.07
1819	166304.40	152193.00
1820	166318.52	152189.83
1821	166328.89	152190.00
1822	166341.90	152181.69
1823	166356.14	152162.60
1824	166371.36	152152.66
1825	166399.45	152144.87
1826	166418.68	152144.95
1827	166422.04	152127.42
1828	166428.70	152113.76
1829	166439.47	152102.58
1830	166451.51	152083.87
1831	166471.08	152071.14
1832	166491.31	152066.44
1833	166505.87	152065.97
1834	166526.28	152068.14
1835	166542.17	152065.29
1836	166571.54	152065.30
1837	166588.44	152060.63
1838	166605.52	152061.83
1839	166616.64	152060.45
1840	166627.91	152061.69
1841	166642.91	152066.21
1842	166662.80	152081.71
1843	166682.45	152082.71
1844	166709.96	152093.64
1845	166730.69	152094.39

1846	166776.07	152088.51
1847	166813.63	152089.17
1848	166832.67	152084.50
1849	166846.45	152083.97
1850	166860.11	152061.03
1851	166880.28	152041.82
1852	166903.76	152027.22
1853	166919.90	152021.10
1854	166933.20	152019.20
1855	166996.00	151976.65
1856	167009.58	151970.80
1857	167019.19	151958.49
1858	167029.50	151950.51
1859	167048.06	151943.71
1860	167068.10	151943.21
1861	167114.51	151919.89
1862	167184.44	151900.14
1863	167191.56	151869.58
1864	167204.17	151846.37
1865	167212.47	151837.39
1866	167228.68	151826.28
1867	167246.47	151819.98
1868	167236.03	151800.39
1869	167234.11	151779.56
1870	167240.16	151759.48
1871	167252.64	151743.67
1872	167275.80	151679.24
1873	167278.43	151657.49
1874	167266.39	151603.26
1875	167272.20	151575.04
1876	167283.30	151558.14
1877	167316.46	151531.13
1878	167330.38	151510.47
1879	167346.47	151497.76
1880	167351.03	151475.92
1881	167363.17	151459.10
1882	167368.85	151444.03
1883	167387.74	151413.82
1884	167416.21	151382.26
1885	167432.49	151371.23
1886	167448.47	151366.75
1887	167465.04	151366.83
1888	167492.43	151371.62
1889	167504.18	151348.21
1890	167518.25	151334.64
1891	167536.88	151325.98
1892	167575.49	151319.33
1893	167597.67	151302.73
1894	167609.15	151285.61
1895	167629.65	151268.12
1896	167654.60	151254.19
1897	167677.89	151249.74
1898	167700.62	151227.42
1899	167713.51	151219.32

1900	167743.28	151210.91
1901	167762.89	151202.69
1902	167794.14	151198.54
1903	167813.38	151201.58
1904	167819.81	151200.62
1905	167836.44	151192.00
1906	167894.50	151179.19
1907	167914.08	151179.12
1908	167930.42	151184.99
1909	167984.38	151181.02
1910	168001.16	151182.95
1911	168016.81	151190.15
1912	168032.31	151202.67
1913	168052.68	151207.20
1914	168068.73	151217.76
1915	168073.32	151215.58
1916	168089.53	151196.36
1917	168106.06	151187.89
1918	168118.79	151185.01
1919	168131.84	151185.53
1920	168154.69	151192.52
1921	168177.10	151209.21
1922	168192.61	151227.57
1923	168203.66	151254.69
1924	168232.46	151270.32
1925	168269.84	151295.30
1926	168329.52	151385.95
1927	168351.19	151403.64
1928	168379.80	151421.62
1929	168461.29	151514.88
1930	168489.63	151538.04
1931	168526.67	151577.12
1	168560.49	151623.31
1932	166213.01	152508.66
1933	166214.50	152510.78
1934	166214.25	152513.64
1935	166212.38	152517.00
1936	166208.52	152520.61
1937	166208.27	152523.98
1938	166208.65	152528.08
1939	166210.14	152535.06
1940	166211.51	152538.05
1941	166211.01	152539.79
1942	166206.41	152542.15
1943	166203.42	152542.40
1944	166198.56	152542.15
1945	166197.44	152543.03
1946	166191.22	152548.13
1947	166190.47	152551.62
1948	166191.96	152556.35
1949	166191.46	152561.83
1950	166190.97	152565.31
1951	166188.72	152567.55
1952	166184.62	152570.29

1953	166181.38	152570.67
1954	166174.78	152570.17
1955	166172.79	152571.29
1956	166167.93	152578.51
1957	166164.82	152582.49
1958	166162.58	152582.62
1959	166160.09	152580.13
1960	166156.48	152575.40
1961	166153.36	152574.15
1962	166150.50	152573.78
1963	166150.25	152571.78
1964	166156.23	152557.72
1965	166159.34	152550.99
1966	166164.57	152543.15
1967	166167.81	152536.92
1968	166171.17	152530.57
1969	166177.64	152523.48
1970	166187.11	152518.99
1971	166195.32	152514.26
1972	166204.91	152506.92
1973	166207.15	152504.55
1974	166210.02	152504.55
1932	166213.01	152508.66
1975	166108.36	152690.75
1976	166110.16	152694.48
1977	166110.16	152696.41
1978	166108.49	152697.95
1979	166106.40	152700.43
1980	166104.24	152704.51
1981	166098.58	152713.00
1982	166090.35	152719.69
1983	166086.36	152720.33
1984	166083.82	152721.55
1985	166082.79	152723.55
1986	166082.12	152726.37
1987	166080.19	152731.65
1988	166072.86	152740.27
1989	166070.29	152744.25
1990	166069.13	152751.07
1991	166069.13	152755.19
1992	166068.23	152758.14
1993	166066.04	152760.33
1994	166058.42	152766.83
1995	166057.90	152766.38
1996	166057.55	152760.97
1997	166057.29	152757.63
1998	166056.14	152754.80
1999	166053.82	152751.71
2000	166050.99	152749.14
2001	166051.02	152746.05
2002	166053.69	152737.82
2003	166059.10	152729.46
2004	166066.43	152726.50
2005	166073.50	152724.96

2006	166076.20	152722.77
2007	166076.72	152719.81
2008	166078.26	152712.74
2009	166078.00	152709.78
2010	166074.02	152706.05
2011	166071.57	152703.35
2012	166070.54	152697.82
2013	166071.44	152693.45
2014	166075.30	152692.42
2015	166079.81	152693.06
2016	166088.29	152697.95
2017	166094.21	152698.72
2018	166098.33	152696.53
2019	166103.21	152690.49
2020	166106.04	152689.72
1975	166108.36	152690.75
2021	166088.94	152724.96
2022	166090.35	152731.01
2023	166089.84	152737.95
2024	166089.06	152745.15
2025	166087.39	152746.95
2026	166081.60	152747.21
2027	166078.77	152747.86
2028	166077.23	152750.56
2029	166077.62	152752.49
2030	166078.90	152755.06
2031	166079.16	152757.24
2032	166077.62	152758.02
2033	166074.92	152757.50
2034	166071.83	152754.41
2035	166071.70	152750.43
2036	166073.37	152743.22
2037	166078.13	152737.82
2038	166082.38	152733.19
2039	166084.56	152729.59
2040	166085.59	152723.29
2041	166087.52	152723.29
2021	166088.94	152724.96

Прибрежная защитная полоса реки Черная

Система координат – МСК 33

Номер и координаты характерных точек прибрежной защитной полосы					
№	X, м	Y, м	№	X, м	Y, м
1	168560.49	151623.31	61	168288.63	151533.40
2	168573.37	151647.68	62	168261.56	151531.01
3	168599.63	151724.34	63	168249.18	151527.18
4	168626.43	151758.47	64	168225.06	151513.47
5	168673.33	151805.92	65	168206.76	151497.45
6	168694.34	151836.45	66	168190.90	151469.08
7	168784.44	151911.37	67	168176.07	151403.33
8	168839.54	151964.30	68	168121.33	151381.46
9	168897.03	152026.92	69	168088.49	151375.21
10	169003.91	152152.04	70	168075.20	151369.96
11	169045.73	152210.58	71	168056.49	151357.68
12	169058.78	152258.88	72	168044.69	151345.63
13	169076.95	152286.28	73	168032.92	151324.36
14	169106.96	152350.59	74	168018.29	151317.96
15	169114.79	152373.45	75	168004.52	151314.72
16	169115.09	152393.10	76	167992.92	151308.74
17	169124.88	152405.28	77	167970.79	151284.80
18	169132.86	152424.91	78	167923.40	151288.10
19	169140.29	152587.62	79	167897.67	151284.04
20	169135.26	152671.07	80	167881.96	151287.75
21	169351.93	152945.04	81	167869.45	151296.21
22	169369.62	152971.24	82	167855.45	151300.70
28	169317.04	153047.65	88	167715.84	151350.11
29	169303.77	153043.55	89	167688.95	151352.19
30	169289.50	153033.65	90	167676.63	151370.34
31	169161.58	152872.22	91	167648.23	151393.48
32	169047.68	152728.84	92	167640.72	151405.62
33	169039.67	152714.74	93	167628.10	151417.08
34	169034.05	152696.17	94	167608.09	151426.94
35	169031.11	152668.81	95	167582.70	151429.02
36	169030.66	152622.87	96	167565.11	151460.22
37	169034.30	152589.70	97	167542.80	151481.86
38	169029.90	152555.24	99	167481.15	151485.75
39	169028.25	152457.01	100	167474.79	151505.80
40	169019.85	152446.27	101	167465.80	151518.02
41	169010.61	152424.58	102	167452.16	151528.03
42	169006.77	152390.92	103	167441.54	151554.20
43	168961.59	152302.38	104	167407.30	151585.47
44	168950.27	152262.82	105	167400.08	151596.62
45	168934.81	152245.93	106	167380.26	151616.56
46	168916.97	152218.24	107	167389.72	151639.66
47	168763.84	152038.16	108	167389.69	151660.45
48	168713.65	151990.76	109	167353.40	151765.01
49	168611.73	151905.32	110	167351.56	151779.02
50	168589.66	151872.19	111	167366.54	151801.21
51	168547.04	151828.01	112	167371.88	151823.22
52	168508.81	151779.41	113	167371.89	151850.69
58	168327.11	151562.74	115	167347.83	151901.48
59	168315.57	151559.07	116	167333.40	151912.04
60	168304.53	151552.10	117	167313.34	151919.09

118	167285.78	151920.25
119	167272.42	151957.90
120	167259.04	151976.15
121	167246.25	151985.98
122	167235.35	151991.60
123	167210.57	151999.69
124	167150.71	152016.55
125	167101.50	152042.10
126	167082.61	152046.72
127	167070.76	152056.30
128	167030.62	152077.70
129	167004.39	152095.16
130	166993.50	152105.64
131	166975.19	152116.37
132	166963.52	152121.20
133	166943.96	152123.12
134	166941.68	152124.71
135	166915.63	152166.42
136	166904.28	152175.47
137	166882.74	152186.03
138	166860.61	152190.19
139	166841.79	152188.99
140	166821.01	152193.50
141	166775.64	152192.09
142	166742.43	152198.18
143	166723.30	152198.70
144	166691.48	152195.67
145	166665.11	152189.02
146	166642.81	152192.46
147	166629.20	152192.00
148	166616.73	152188.13
149	166607.28	152182.53
150	166594.89	152181.93
151	166580.22	152177.74
152	166563.72	152168.39
153	166526.04	152172.44
154	166518.54	152198.74
155	166494.35	152227.81
156	166479.10	152237.14
157	166464.10	152242.90
158	166433.72	152247.37
159	166420.25	152263.20
160	166405.40	152271.90
161	166397.29	152284.90
162	166386.86	152295.08
163	166373.81	152303.19
164	166359.37	152307.84
165	166345.84	152361.71
166	166357.77	152407.29
167	166356.19	152422.73
168	166349.10	152439.30
169	166283.72	152517.24
170	166263.06	152532.67
171	166262.83	152546.76

172	166258.49	152561.27
173	166251.53	152572.31
174	166239.85	152582.72
175	166230.64	152599.18
176	166214.87	152612.70
177	166202.19	152619.60
178	166188.95	152634.82
179	166174.30	152646.07
180	166180.16	152674.05
181	166175.34	152695.76
182	166142.23	152741.77
183	166139.58	152760.90
184	166132.49	152776.01
185	166112.70	152797.66
186	166094.13	152807.80
187	166078.50	152828.25
188	166076.59	152856.09
189	166063.86	152880.68
190	166051.66	152891.64
191	166036.94	152898.59
192	166010.17	152924.46
193	165995.72	152933.08
194	165963.36	152968.83
195	165953.36	152985.41
196	165940.43	152996.74
197	165952.73	153033.53
198	165954.69	153054.67
199	165962.88	153078.76
200	165978.53	153169.66
201	165998.91	153235.19
202	166006.80	153288.69
203	166015.21	153306.87
204	166023.80	153362.78
205	166019.09	153363.24
206	165993.53	153372.10
207	165985.25	153373.55
208	165977.64	153376.32
209	165972.93	153376.20
210	165974.35	153373.38
211	165974.88	153365.66
212	165973.75	153357.75
213	165971.00	153349.87
214	165968.07	153336.97
215	165967.40	153331.10
216	165967.57	153325.28
217	165966.97	153320.02
218	165965.66	153317.23
219	165964.29	153315.56
220	165959.65	153312.62
221	165958.25	153309.99
222	165957.51	153307.08
223	165957.51	153298.94
224	165956.26	153282.07
225	165954.77	153272.17

226	165951.92	153264.76
227	165948.69	153257.88
228	165945.98	153254.83
229	165944.91	153253.99
230	165944.51	153252.38
231	165945.08	153250.55
232	165947.59	153249.07
233	165949.36	153246.05
234	165949.71	153244.09
235	165949.24	153242.58
236	165947.14	153240.98
237	165946.52	153239.54
238	165946.92	153234.52
239	165946.01	153233.21
240	165943.96	153231.96
241	165943.16	153230.02
242	165942.17	153224.96
243	165939.79	153217.95
244	165937.19	153206.18
245	165937.19	153201.28
246	165936.11	153196.67
247	165934.74	153193.70
248	165929.85	153189.10
249	165929.34	153187.87
250	165929.40	153186.56
251	165930.20	153184.28
252	165929.85	153181.15
253	165927.13	153168.30
254	165925.44	153151.35
255	165923.84	153138.28
256	165922.92	153135.05
257	165921.13	153132.60
258	165917.77	153129.57
259	165915.79	153127.06
260	165914.93	153124.95
261	165914.67	153120.60
262	165915.33	153117.63
263	165916.38	153115.78
264	165916.38	153110.09
265	165915.33	153106.86
266	165911.50	153096.23
267	165911.30	153093.46
268	165913.22	153090.30
269	165913.68	153087.66
270	165913.09	153085.40
271	165910.52	153081.55
272	165905.45	153064.48
273	165904.20	153062.50
274	165902.88	153061.43
275	165901.69	153057.95
276	165901.95	153054.98
277	165905.05	153049.04
278	165904.72	153047.52
279	165901.87	153043.94

280	165901.21	153042.23
281	165901.34	153038.60
282	165900.95	153037.15
283	165898.64	153035.30
284	165897.85	153033.92
285	165897.78	153030.09
286	165897.52	153028.37
287	165894.17	153023.49
288	165890.33	153000.51
289	165889.73	152999.49
290	165888.45	152998.90
291	165887.92	152998.07
292	165888.31	152996.60
293	165890.03	152991.66
294	165889.83	152989.96
295	165888.71	152988.75
296	165887.00	152987.96
297	165884.09	152980.04
298	165885.40	152976.94
299	165889.55	152974.30
300	165890.94	152973.18
301	165891.80	152970.87
302	165892.04	152968.31
303	165891.32	152963.14
304	165892.84	152959.84
305	165894.19	152958.48
306	165901.31	152956.22
307	165910.36	152955.88
308	165912.61	152955.22
309	165914.92	152953.44
310	165917.23	152949.66
311	165920.27	152941.35
312	165920.53	152936.07
313	165922.11	152934.62
314	165927.49	152932.95
315	165929.56	152931.98
316	165932.90	152928.99
317	165935.87	152925.10
318	165943.59	152913.36
319	165945.44	152911.91
320	165953.79	152905.89
321	165956.50	152901.49
322	165957.18	152897.76
323	165956.28	152893.35
324	165954.33	152889.66
325	165953.67	152885.63
326	165954.26	152883.12
327	165956.11	152882.33
328	165961.19	152881.80
329	165962.64	152882.60
330	165964.98	152886.00
331	165969.16	152887.92
332	165974.17	152887.94
333	165977.87	152886.29

334	165981.68	152882.36
335	165987.83	152870.87
336	165990.16	152869.02
337	165995.93	152868.91
338	165997.30	152868.20
339	165998.41	152866.19
340	165998.58	152862.35
341	165998.83	152858.99
342	165999.76	152857.41
343	166005.23	152851.60
344	166006.82	152850.94
345	166010.71	152850.68
346	166013.20	152849.89
347	166014.45	152849.68
348	166015.18	152850.02
349	166015.26	152851.00
350	166015.90	152851.58
351	166017.04	152851.72
352	166019.87	152851.45
353	166023.15	152850.56
354	166025.42	152848.70
355	166027.36	152845.68
356	166028.24	152843.36
357	166027.15	152839.61
358	166027.05	152837.55
359	166028.57	152830.77
360	166028.27	152826.19
361	166026.69	152821.87
362	166026.92	152820.28
363	166029.99	152816.05
364	166030.91	152813.12
365	166031.21	152809.03
366	166032.17	152803.25
367	166032.96	152801.90
368	166039.94	152796.36
369	166044.08	152791.00
370	166045.46	152787.57
371	166046.65	152785.98
372	166050.74	152782.42
373	166054.90	152776.75
374	166057.80	152770.87
375	166060.66	152766.89
376	166068.46	152760.52
377	166070.87	152760.33
378	166079.14	152760.15
379	166080.40	152759.50
380	166081.00	152758.10
381	166080.82	152750.76
382	166082.21	152749.55
383	166087.13	152749.55
384	166089.92	152748.81
385	166091.41	152747.51
386	166091.78	152745.65
387	166092.80	152732.37

388	166090.67	152723.63
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390	166098.01	152716.21
391	166108.35	152704.63
392	166111.59	152700.52
393	166112.33	152695.30
394	166107.95	152687.56
395	166109.36	152681.95
396	166111.12	152679.36
397	166113.49	152677.98
398	166121.12	152677.09
399	166125.88	152677.78
400	166127.79	152677.38
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402	166130.16	152674.27
403	166129.51	152668.15
404	166127.79	152664.39
405	166122.56	152658.62
406	166122.22	152656.04
407	166122.56	152652.68
408	166122.45	152650.92
409	166115.90	152642.03
410	166113.52	152638.15
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412	166114.87	152634.08
413	166120.00	152629.30
414	166122.61	152624.44
415	166123.37	152623.51
416	166132.06	152618.48
417	166134.54	152615.83
418	166135.83	152613.06
419	166137.26	152608.76
420	166139.29	152606.62
421	166149.03	152602.86
422	166152.80	152600.15
423	166153.44	152599.61
424	166153.99	152598.77
425	166153.99	152596.34
426	166154.67	152594.51
427	166158.82	152592.73
428	166164.37	152586.94
429	166165.06	152585.70
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431	166175.78	152572.50
432	166182.94	152573.24
433	166184.89	152572.69
434	166192.21	152567.21
435	166193.04	152565.16
436	166194.34	152557.26
437	166194.34	152555.41
438	166193.14	152553.08
439	166192.67	152551.23
440	166193.51	152548.72
441	166197.41	152546.58

442	166198.62	152545.19
443	166200.01	152544.16
444	166202.15	152544.72
445	166204.84	152544.54
446	166210.51	152542.31
447	166213.09	152540.33
448	166213.55	152538.29
449	166210.12	152527.79
450	166210.12	152523.70
451	166211.51	152521.19
452	166213.37	152519.52
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456	166212.81	152504.93
457	166212.24	152503.42
458	166213.06	152500.97
459	166233.03	152490.22
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461	166240.69	152487.96
462	166245.60	152484.88
463	166284.99	152438.48
464	166295.06	152426.98
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471	166293.87	152356.00
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473	166303.42	152330.32
474	166304.12	152326.37
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477	166307.79	152309.05
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483	166314.81	152266.37
484	166321.12	152257.08
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486	166321.88	152251.46
487	166321.53	152249.53
488	166321.68	152247.82
489	166322.83	152245.77
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491	166323.54	152242.17
492	166324.86	152242.34
493	166327.69	152243.16
494	166329.30	152244.19
495	166331.78	152247.82

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498	166348.73	152258.76
499	166351.37	152258.51
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512	166391.94	152219.37
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523	166409.26	152196.85
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525	166411.59	152199.07
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529	166462.05	152189.64
530	166468.54	152182.66
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544	166472.66	152143.06
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546	166478.66	152141.85
547	166480.85	152139.33
548	166487.84	152123.13
549	166489.20	152121.92

550	166490.93	152121.19
551	166494.98	152120.46
552	166502.36	152118.92
553	166506.17	152119.40
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556	166518.27	152122.56
557	166532.73	152122.32
558	166541.80	152119.32
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561	166552.91	152119.57
562	166556.24	152118.46
563	166562.52	152118.16
564	166568.20	152118.61
565	166574.32	152117.41
566	166579.79	152117.79
567	166583.65	152120.28
568	166585.01	152120.65
569	166586.19	152120.09
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571	166587.42	152117.02
572	166589.23	152114.46
573	166591.34	152113.13
574	166593.67	152112.34
575	166595.17	152112.63
576	166596.38	152113.61
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579	166595.11	152126.70
580	166595.04	152128.58
581	166595.83	152130.02
582	166597.13	152130.68
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585	166602.39	152132.24
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587	166606.50	152132.19
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589	166612.41	152127.80
590	166615.23	152120.76
591	166615.46	152118.91
592	166614.82	152114.86
593	166615.06	152113.14
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596	166621.05	152113.02
597	166622.76	152114.48
598	166624.67	152117.73
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600	166622.68	152123.25
601	166622.11	152125.34
602	166622.33	152127.15
603	166622.56	152127.72

604	166623.19	152127.96
605	166624.40	152127.88
606	166625.54	152128.32
607	166634.65	152137.81
608	166636.05	152141.58
609	166637.68	152142.72
610	166649.78	152141.47
611	166652.44	152139.30
612	166653.91	152138.76
613	166656.84	152138.98
614	166658.79	152138.05
615	166660.19	152135.28
616	166661.44	152133.71
617	166669.81	152132.84
618	166671.44	152133.49
619	166677.18	152139.79
620	166679.57	152141.20
621	166688.92	152142.47
622	166695.81	152145.51
623	166699.96	152146.40
624	166723.00	152148.70
625	166736.00	152148.60
626	166746.45	152147.24
627	166769.03	152142.37
628	166780.00	152141.80
629	166816.49	152143.70
630	166822.33	152142.66
631	166841.47	152136.79
632	166844.30	152136.88
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635	166869.36	152137.85
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637	166881.45	152129.76
638	166900.71	152094.39
639	166910.44	152085.52
640	166924.48	152075.77
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642	166937.82	152071.89
643	166947.04	152073.23
644	166950.38	152072.96
645	166964.66	152064.80
646	166970.01	152057.98
647	167010.22	152031.21
648	167015.66	152030.01
649	167017.74	152028.81
650	167022.78	152023.19
651	167029.97	152020.58
652	167045.58	152013.10
653	167048.25	152010.29
654	167053.85	151999.98
655	167055.88	151997.59
656	167058.02	151996.52
657	167075.90	151997.19

658	167081.25	151996.39
659	167132.19	151969.82
660	167195.12	151952.13
661	167218.05	151944.68
662	167223.54	151940.94
663	167229.02	151933.08
664	167239.05	151902.27
665	167241.15	151887.70
666	167243.43	151882.08
667	167246.70	151877.02
668	167254.66	151872.56
669	167262.95	151870.68
670	167304.46	151869.88
671	167311.55	151867.08
672	167317.03	151861.29
673	167320.47	151853.71
674	167322.61	151842.21
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676	167321.31	151822.52
677	167316.76	151814.90
678	167303.79	151805.14
679	167289.02	151788.59
680	167287.22	151786.19
681	167287.20	151784.85
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683	167293.48	151783.31
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685	167302.71	151768.57
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687	167310.47	151737.82
688	167329.18	151687.92
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691	167329.30	151673.82
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693	167332.81	151667.64
694	167334.52	151660.70
695	167335.38	151658.71
696	167338.89	151655.57
697	167340.41	151651.96
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703	167326.62	151636.32
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705	167330.83	151633.21
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707	167329.76	151625.06
708	167327.72	151621.93
709	167323.37	151618.19
710	167323.07	151616.92
711	167324.21	151612.81

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713	167323.94	151609.53
714	167318.39	151605.65
715	167318.03	151602.58
716	167319.36	151597.10
717	167320.43	151594.89
718	167324.45	151591.88
719	167325.85	151591.55
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727	167339.74	151579.84
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729	167340.97	151577.75
730	167344.78	151577.44
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741	167362.96	151554.51
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759	167399.68	151499.50
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762	167409.09	151497.31
763	167412.67	151496.73
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765	167417.80	151490.19

766	167419.42	151488.41
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773	167417.76	151471.02
774	167416.97	151470.23
775	167417.05	151468.96
776	167426.30	151465.24
777	167430.93	151463.02
778	167433.87	151460.53
779	167435.12	151457.46
780	167435.05	151454.31
781	167430.63	151449.20
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785	167452.18	151421.55
786	167454.69	151419.46
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791	167494.45	151437.44
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793	167517.63	151438.65
794	167524.04	151431.70
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805	167553.08	151381.07
806	167555.26	151382.74
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812	167570.67	151380.53
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814	167575.52	151372.77
815	167577.30	151372.23
816	167579.45	151372.44
817	167581.97	151373.84
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822	167599.26	151376.23
823	167602.29	151373.63
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829	167643.07	151332.58
830	167645.26	151325.81
831	167646.76	151323.28
832	167659.58	151311.07
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1373	166593.00	152110.43
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1375	166587.68	152113.34
1376	166586.51	152114.92
1377	166585.76	152117.92
1378	166584.59	152118.84
1379	166583.51	152118.50
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1381	166574.37	152115.17
1382	166567.38	152116.50
1383	166561.49	152116.09
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1385	166547.52	152115.00
1386	166542.04	152115.59
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1388	166521.46	152118.00
1389	166514.00	152118.92
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1396	166486.15	152120.55
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1398	166478.21	152139.92
1399	166476.45	152140.80
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1408	166471.40	152168.71
1409	166471.91	152169.08
1410	166473.71	152167.91
1411	166474.36	152167.87
1412	166474.72	152168.36
1413	166474.18	152172.37

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1415	166467.89	152179.09
1416	166458.81	152186.55
1417	166455.08	152188.91
1418	166445.46	152193.46
1419	166415.86	152197.21
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1421	166412.27	152196.04
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1445	166351.62	152256.65
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1447	166346.50	152256.13
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1457	166318.94	152248.58
1458	166318.80	152249.86
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1478	166303.02	152407.32
1479	166302.23	152409.25
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1482	166291.42	152419.23
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1515	166152.39	152595.80
1516	166152.24	152597.62
1517	166151.85	152599.00
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1530	166111.96	152635.47
1531	166112.05	152638.87
1532	166114.53	152642.95
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1541	166127.55	152674.97
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1544	166117.92	152675.34
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1567	166074.87	152719.51
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1620	166004.31	152848.57
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1657	165917.88	152932.42
1658	165917.61	152936.64
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1663	165901.39	152953.65
1664	165893.43	152956.41
1665	165891.38	152957.66
1666	165889.74	152960.15
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1668	165889.46	152969.60
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1670	165886.99	152973.27
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1873	167278.43	151657.49
1874	167266.39	151603.26
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1876	167283.30	151558.14
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1879	167346.47	151497.76
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1883	167387.74	151413.82
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1885	167432.49	151371.23
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1899	167713.51	151219.32

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1902	167794.14	151198.54
1903	167813.38	151201.58
1904	167819.81	151200.62
1905	167836.44	151192.00
1906	167894.50	151179.19
1907	167914.08	151179.12
1908	167930.42	151184.99
1909	167984.38	151181.02
1910	168001.16	151182.95
1911	168016.81	151190.15
1912	168032.31	151202.67
1913	168052.68	151207.20
1914	168068.73	151217.76
1915	168073.32	151215.58
1916	168089.53	151196.36
1917	168106.06	151187.89
1918	168118.79	151185.01
1919	168131.84	151185.53
1920	168154.69	151192.52
1921	168177.10	151209.21
1922	168192.61	151227.57
1923	168203.66	151254.69
1924	168232.46	151270.32
1925	168269.84	151295.30
1926	168329.52	151385.95
1927	168351.19	151403.64
1928	168379.80	151421.62
1929	168461.29	151514.88
1930	168489.63	151538.04
1931	168526.67	151577.12
1	168560.49	151623.31
1932	166213.01	152508.66
1933	166214.50	152510.78
1934	166214.25	152513.64
1935	166212.38	152517.00
1936	166208.52	152520.61
1937	166208.27	152523.98
1938	166208.65	152528.08
1939	166210.14	152535.06
1940	166211.51	152538.05
1941	166211.01	152539.79
1942	166206.41	152542.15
1943	166203.42	152542.40
1944	166198.56	152542.15
1945	166197.44	152543.03
1946	166191.22	152548.13
1947	166190.47	152551.62
1948	166191.96	152556.35
1949	166191.46	152561.83
1950	166190.97	152565.31
1951	166188.72	152567.55
1952	166184.62	152570.29

1953	166181.38	152570.67
1954	166174.78	152570.17
1955	166172.79	152571.29
1956	166167.93	152578.51
1957	166164.82	152582.49
1958	166162.58	152582.62
1959	166160.09	152580.13
1960	166156.48	152575.40
1961	166153.36	152574.15
1962	166150.50	152573.78
1963	166150.25	152571.78
1964	166156.23	152557.72
1965	166159.34	152550.99
1966	166164.57	152543.15
1967	166167.81	152536.92
1968	166171.17	152530.57
1969	166177.64	152523.48
1970	166187.11	152518.99
1971	166195.32	152514.26
1972	166204.91	152506.92
1973	166207.15	152504.55
1974	166210.02	152504.55
1932	166213.01	152508.66
1975	166108.36	152690.75
1976	166110.16	152694.48
1977	166110.16	152696.41
1978	166108.49	152697.95
1979	166106.40	152700.43
1980	166104.24	152704.51
1981	166098.58	152713.00
1982	166090.35	152719.69
1983	166086.36	152720.33
1984	166083.82	152721.55
1985	166082.79	152723.55
1986	166082.12	152726.37
1987	166080.19	152731.65
1988	166072.86	152740.27
1989	166070.29	152744.25
1990	166069.13	152751.07
1991	166069.13	152755.19
1992	166068.23	152758.14
1993	166066.04	152760.33
1994	166058.42	152766.83
1995	166057.90	152766.38
1996	166057.55	152760.97
1997	166057.29	152757.63
1998	166056.14	152754.80

1999	166053.82	152751.71
2000	166050.99	152749.14
2001	166051.02	152746.05
2002	166053.69	152737.82
2003	166059.10	152729.46
2004	166066.43	152726.50
2005	166073.50	152724.96
2006	166076.20	152722.77
2007	166076.72	152719.81
2008	166078.26	152712.74
2009	166078.00	152709.78
2010	166074.02	152706.05
2011	166071.57	152703.35
2012	166070.54	152697.82
2013	166071.44	152693.45
2014	166075.30	152692.42
2015	166079.81	152693.06
2016	166088.29	152697.95
2017	166094.21	152698.72
2018	166098.33	152696.53
2019	166103.21	152690.49
2020	166106.04	152689.72
1975	166108.36	152690.75
2021	166088.94	152724.96
2022	166090.35	152731.01
2023	166089.84	152737.95
2024	166089.06	152745.15
2025	166087.39	152746.95
2026	166081.60	152747.21
2027	166078.77	152747.86
2028	166077.23	152750.56
2029	166077.62	152752.49
2030	166078.90	152755.06
2031	166079.16	152757.24
2032	166077.62	152758.02
2033	166074.92	152757.50
2034	166071.83	152754.41
2035	166071.70	152750.43
2036	166073.37	152743.22
2037	166078.13	152737.82
2038	166082.38	152733.19
2039	166084.56	152729.59
2040	166085.59	152723.29
2041	166087.52	152723.29
2021	166088.94	152724.96

