

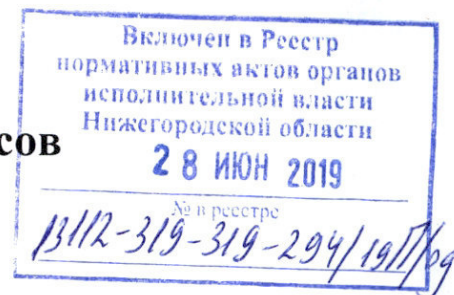


**Министерство
экологии и природных ресурсов
Нижегородской области**

П Р И К А З

28.05.2019

319-294/19П/од



№ _____

г. Нижний Новгород

**Об установлении местоположения береговых
линий (границ водных объектов) рек Ватома,
Везлома, р.Нуженка (Торфянка), Шехонка,
Кудьма, Сетчуга, Пава, Старка (Кова),
Рахма, Гниличка, Выюница**

В соответствии с Водным Кодексом Российской Федерации, Правилами определения местоположения береговой линии (границы водного объекта), случаев и периодичности ее определения, утверждёнными постановлением Правительства Российской Федерации от 29 апреля 2016 г. № 377, Положением о министерстве экологии и природных ресурсов Нижегородской области, утвержденным постановлением Правительства Нижегородской области от 31 декабря 2010 г. № 965,

п р и к а з ы в а ю:

1. Установить местоположения береговых линий (границ водных объектов) рек Ватома, Везлома, р.Нуженка (Торфянка), Шехонка, Кудьма, Сетчуга, Пава, Старка (Кова), Рахма, Гниличка, Выюница в соответствии с перечнем координат характерных точек береговых линий (границ водных объектов) согласно приложению 1 к настоящему приказу.

2. Результаты работ по установлению местоположения береговых линий (границ водных объектов) рек Ватома, Везлома, р.Нуженка (Торфянка), Шехонка, Кудьма, Сетчуга, Пава, Старка (Кова), Рахма, Гниличка, Выюница

направить в Федеральное агентство водных ресурсов для внесения в установленном порядке в государственный водный реестр.

3. Контроль за исполнением настоящего приказа оставляю за собой.

Министр



Д.Б.Егоров

ПРИЛОЖЕНИЕ 1
к приказу министерства экологии и
природных ресурсов Нижегородской
области

от «28» мая 2019 г. № 319-294/1917/09

**Координаты характерных точек береговых линий
(границ водных объектов)**

р. Ватома

Система координат – МСК 52

Номер и координаты характерных точек береговой линии (границы водного объекта)		
№ точки на картографическом материале	X, м	Y, м
н.п. Садовая г.о.г. Бор Нижегородской области		
1	534659.89	2238746.23
2	534659.16	2238756.47
3	534654.21	2238767.53
4	534629.87	2238793.91
5	534609.65	2238800.29
6	534590.68	2238801.57
7	534582.02	2238811.78
8	534581.19	2238824.54
9	534594.95	2238848.41
10	534629.09	2238882.52
11	534635.65	2238890.06
12	534638.12	2238912.60
13	534647.61	2238937.28
14	534675.15	2238963.29
15	534707.42	2238993.43
16	534729.37	2239044.24
17	534743.24	2239099.25
18	534758.18	2239114.65
19	534785.91	2239119.05
20	534801.48	2239123.19
21	534806.02	2239132.97
22	534798.18	2239143.18
23	534791.58	2239155.09
24	534787.87	2239181.47
25	534790.18	2239207.07
26	534800.61	2239240.65
27	534810.21	2239261.55
28	534812.35	2239281.35
29	534826.23	2239297.86
30	534844.82	2239309.09
31	534886.51	2239316.32
32	534917.87	2239327.81

33	534934.79	2239342.27
34	534937.25	2239357.26
35	534935.05	2239369.00
36	534926.95	2239376.30
37	534912.92	2239377.57
38	534889.35	2239373.96
39	534879.60	2239381.47
40	534871.19	2239395.65
41	534868.71	2239415.22
42	534869.54	2239442.01
43	534875.33	2239472.78
44	534895.11	2239499.44
45	534916.56	2239503.69
46	534928.52	2239502.41
47	534938.31	2239495.88
48	534947.09	2239465.41
49	534956.65	2239460.69
50	534971.59	2239462.89
51	534991.22	2239473.07
52	535028.75	2239496.46
53	535045.66	2239497.74
54	535062.16	2239504.12
55	535079.07	2239515.60
56	535084.44	2239535.17
57	535082.37	2239555.16
58	535071.24	2239573.45
59	535043.19	2239606.63
60	535033.34	2239622.82
61	534651.83	2238746.09
62	534651.23	2238754.48
63	534647.40	2238763.04
64	534625.40	2238786.88
65	534608.15	2238792.32
66	534586.74	2238793.77
67	534574.16	2238808.60
68	534573.00	2238826.45
69	534588.51	2238853.35
70	534627.92	2238893.44
71	534630.23	2238914.52
72	534640.75	2238941.88
73	534657.76	2238957.94
74	534667.52	2238967.15
75	534667.48	2238967.26
76	534700.70	2238998.17
77	534721.72	2239046.84
78	534735.96	2239103.31
79	534754.27	2239122.18
80	534784.24	2239126.94
81	534795.76	2239130.00
82	534796.66	2239131.94
83	534791.43	2239138.75

84	534783.81	2239152.49
85	534779.77	2239181.27
86	534782.24	2239208.64
87	534793.08	2239243.54
88	534802.35	2239263.72
89	534804.61	2239284.65
90	534820.92	2239304.06
91	534841.95	2239316.76
92	534884.42	2239324.13
93	534913.74	2239334.87
94	534927.32	2239346.48
95	534929.04	2239356.98
96	534927.11	2239365.23
97	534923.51	2239368.53
98	534913.17	2239369.46
99	534890.74	2239366.03
100	534873.81	2239376.34
101	534863.85	2239393.13
102	534861.09	2239414.86
103	534861.96	2239442.84
104	534868.18	2239475.90
105	534890.75	2239506.33
106	534916.22	2239511.37
107	534931.18	2239509.77
108	534944.84	2239500.66
109	534953.46	2239470.74
110	534957.89	2239468.55
111	534969.22	2239470.22
112	534987.45	2239479.68
113	535026.31	2239503.90
114	535043.97	2239505.23
115	535058.61	2239510.90
116	535072.48	2239520.31
117	535076.73	2239535.81
118	535074.99	2239552.67
119	535065.05	2239568.99
120	535037.75	2239601.60
121	535022.17	2239626.54
122	535571.58	2241462.68
123	535581.18	2241461.98
124	535617.47	2241453.18
125	535633.48	2241463.08
126	535638.82	2241479.58
127	535630.28	2241491.68
128	535626.54	2241506.45
129	535638.50	2241524.75
130	535654.83	2241540.09
131	535704.17	2241566.49
132	535714.84	2241564.29
133	535722.31	2241547.79
134	535737.26	2241540.09

135	535759.68	2241544.49
136	535775.69	2241564.29
137	535800.24	2241609.40
138	535837.60	2241647.90
139	535840.62	2241653.91
140	535573.87	2241470.07
141	535614.93	2241461.02
142	535626.77	2241468.34
143	535629.98	2241478.24
144	535623.09	2241487.99
145	535619.52	2241506.03
146	535634.79	2241531.13
147	535650.28	2241546.73
148	535702.95	2241574.91
149	535720.45	2241571.30
150	535728.45	2241553.63
151	535738.45	2241548.48
152	535755.29	2241551.78
153	535769.01	2241568.75
154	535793.74	2241614.19
155	535830.52	2241652.09
156	535835.55	2241660.83
н.п. Селищи г.о.г. Бор Нижегородской области		
1	532677.22	2237643.75
2	532692.06	2237663.52
3	532711.83	2237698.98
4	532744.46	2237773.30
5	532760.83	2237783.43
6	532788.01	2237785.65
7	532805.47	2237781.57
8	532817.10	2237775.17
9	532837.45	2237761.21
10	532853.73	2237748.43
11	532865.94	2237740.29
12	532876.07	2237737.51
13	532885.24	2237744.27
14	532889.21	2237758.89
15	532878.74	2237778.68
16	532867.70	2237789.71
17	532850.25	2237804.25
18	532832.80	2237815.30
19	532823.50	2237822.28
20	532821.17	2237826.93
21	532826.39	2237835.67
22	532837.45	2237840.89
23	532850.24	2237856.03
24	532885.87	2237884.67
25	532906.81	2237904.73
26	532913.48	2237910.17
27	532914.66	2237911.13
28	532916.90	2237911.52

29	532924.55	2237905.06
30	532929.25	2237892.94
31	532933.17	2237875.16
32	532931.60	2237859.00
33	532927.68	2237837.99
34	532934.73	2237821.02
35	532947.27	2237816.17
36	532954.32	2237819.40
37	532963.73	2237829.10
38	532973.13	2237849.30
39	532996.64	2237881.63
40	532998.81	2237884.48
41	533019.37	2237911.53
42	533035.82	2237919.60
43	533054.63	2237925.26
44	533126.72	2237929.30
45	533150.23	2237932.53
46	533169.04	2237944.66
47	533187.06	2237961.63
48	533200.39	2237969.71
49	533212.92	2237968.09
50	533218.38	2237950.08
51	533218.38	2237928.91
52	533194.43	2237911.27
53	533156.80	2237897.16
54	533154.52	2237874.82
55	533172.76	2237857.18
56	533201.90	2237861.11
57	533220.66	2237874.82
58	533275.61	2237926.88
59	533308.52	2237930.12
60	533327.33	2237939.81
61	533335.95	2237960.02
62	533335.95	2237976.99
63	533328.11	2237993.96
64	533322.63	2238014.16
65	533330.46	2238023.86
66	533348.49	2238031.94
67	533364.94	2238035.17
68	533372.00	2238032.75
69	533372.00	2238023.05
70	533366.51	2238012.54
71	533359.46	2238000.42
72	533356.32	2237989.11
73	533365.73	2237975.37
74	533386.89	2237966.48
75	533395.90	2237965.27
76	533404.91	2237964.06
77	533420.58	2237976.18
78	533429.99	2238007.69
79	533440.96	2238022.24

80	533458.20	2238037.59
81	533473.08	2238043.25
82	533475.44	2238050.52
83	533470.73	2238061.03
84	533451.14	2238086.08
85	533437.82	2238105.48
86	533440.17	2238111.94
87	533455.06	2238113.56
88	533473.87	2238108.71
89	533495.81	2238087.70
90	533514.61	2238069.11
91	533553.80	2238055.38
92	533602.38	2238057.80
93	533623.54	2238065.07
94	533628.24	2238062.65
95	533629.81	2238057.80
96	533630.59	2238036.79
97	533636.08	2238010.12
98	533650.97	2237993.96
99	533677.61	2237974.56
100	533685.45	2237966.48
101	533681.53	2237960.02
102	533668.21	2237957.59
103	533647.83	2237952.75
104	533631.38	2237938.20
105	533619.62	2237923.65
106	533617.27	2237901.03
107	533624.32	2237884.86
108	533640.00	2237871.93
109	533667.42	2237863.04
110	533696.42	2237861.43
111	533712.87	2237865.47
112	533732.46	2237880.02
113	533755.87	2237900.54
114	533746.58	2237910.71
115	533721.50	2237887.28
116	533703.48	2237877.58
117	533681.54	2237875.96
118	533659.60	2237880.01
119	533635.30	2237890.51
120	533628.25	2237901.02
121	533629.82	2237918.79
122	533639.22	2237934.15
123	533653.33	2237943.85
124	533672.92	2237947.89
125	533692.51	2237954.35
126	533704.26	2237964.86
127	533701.13	2237973.75
128	533683.89	2237986.68
129	533665.86	2238003.65
130	533649.41	2238015.77

131	533643.14	2238032.74
132	533639.22	2238052.94
133	533637.65	2238068.30
134	533631.38	2238079.61
135	533622.76	2238082.03
136	533608.65	2238075.57
137	533578.09	2238065.87
138	533556.94	2238063.45
139	533538.91	2238069.91
140	533516.97	2238084.46
141	533491.11	2238107.89
142	533478.57	2238115.98
143	533466.04	2238124.06
144	533446.44	2238128.91
145	533433.12	2238121.63
146	533427.64	2238107.89
147	533430.77	2238094.16
148	533445.66	2238074.76
149	533460.55	2238058.60
150	533460.55	2238051.33
151	533455.06	2238047.29
152	533437.04	2238035.97
153	533425.29	2238024.66
154	533419.80	2238008.50
155	533413.53	2237991.53
156	533406.48	2237980.21
157	533397.86	2237979.40
158	533384.54	2237980.21
159	533371.22	2237985.06
160	533369.65	2237993.14
161	533372.00	2238002.03
162	533379.05	2238016.58
163	533383.75	2238031.12
164	533379.84	2238042.44
165	533368.08	2238048.09
166	533355.54	2238047.29
167	533330.47	2238038.40
168	533313.23	2238022.23
169	533310.88	2238007.69
170	533315.58	2237989.91
171	533322.63	2237968.09
172	533314.80	2237954.35
173	533302.26	2237940.61
174	533285.02	2237939.00
175	533267.41	2237937.15
176	533253.73	2237924.21
177	533219.52	2237885.40
178	533181.89	2237870.11
179	533164.78	2237880.70
180	533172.76	2237891.28
181	533222.94	2237912.45

182	533232.06	2237938.32
183	533227.56	2237970.50
184	533205.09	2237980.21
185	533187.85	2237977.79
186	533159.63	2237958.40
187	533141.61	2237948.70
188	533118.89	2237943.05
189	533071.87	2237939.81
190	533034.25	2237931.73
191	533016.23	2237922.84
192	532997.42	2237901.83
193	532971.56	2237863.04
194	532955.11	2237846.88
195	532946.49	2237846.88
196	532941.79	2237855.77
197	532942.57	2237866.27
198	532944.14	2237888.09
199	532942.57	2237899.41
200	532932.38	2237915.57
201	532916.87	2237924.72
202	532911.44	2237924.57
203	532909.47	2237923.89
204	532906.20	2237919.16
205	532903.58	2237914.44
206	532899.65	2237908.36
207	532894.06	2237902.79
208	532880.66	2237889.45
209	532846.61	2237862.44
210	532833.51	2237850.96
211	532819.11	2237840.16
212	532813.21	2237831.38
213	532816.86	2237821.35
214	532817.14	2237820.57
215	532835.48	2237803.69
216	532837.88	2237802.13
217	532853.59	2237791.96
218	532863.63	2237785.46
219	532877.38	2237767.23
220	532876.73	2237755.75
221	532876.57	2237755.50
222	532872.80	2237749.67
223	532867.70	2237750.25
224	532866.91	2237750.34
225	532855.78	2237756.42
226	532836.13	2237775.33
227	532819.11	2237788.83
228	532795.53	2237794.24
229	532763.45	2237795.59
230	532758.46	2237793.30
231	532751.66	2237790.18
232	532750.11	2237789.07

233	532744.92	2237785.35
234	532736.60	2237779.38
235	532730.05	2237769.25
236	532725.47	2237752.37
237	532717.61	2237726.03
238	532694.69	2237680.11
239	532676.36	2237653.10
н.п. Ватома г.о.г. Бор		
1	524116.41	2235258.35
2	524112.66	2235263.26
3	524093.66	2235268.33
4	524083.53	2235267.48
5	524047.23	2235251.02
6	523989.39	2235236.24
7	523962.38	2235236.24
8	523956.04	2235243.84
9	523955.20	2235260.31
10	523953.09	2235273.81
11	523946.76	2235287.32
12	523933.67	2235294.92
13	523910.87	2235295.77
14	523900.74	2235287.74
15	523891.03	2235272.97
16	523885.55	2235253.13
17	523885.97	2235223.58
18	523893.14	2235203.32
19	523907.92	2235180.10
20	523917.63	2235173.35
21	523921.01	2235152.24
22	523920.16	2235136.62
23	523907.92	2235117.62
24	523883.43	2235103.27
25	523867.40	2235091.04
26	523856.85	2235077.53
27	523846.72	2235051.36
28	523843.76	2235034.89
29	523850.10	2235014.63
30	523854.74	2235002.81
31	523855.16	2234988.88
32	523869.51	2234954.68
33	523872.46	2234922.18
34	523872.46	2234922.18
35	523872.04	2234885.45
36	523853.47	2234839.86
37	523826.45	2234792.58
38	523808.72	2234755.86
39	523796.48	2234734.75
40	523786.77	2234723.77
41	523775.37	2234716.17
42	523762.71	2234712.37
43	523749.20	2234706.89

44	523739.49	2234695.07
45	523730.63	2234675.65
46	523728.10	2234656.23
47	523722.19	2234633.86
48	523716.70	2234625.42
49	523702.34	2234609.80
50	523681.66	2234583.20
51	523674.91	2234569.27
52	523671.95	2234551.12
53	523672.80	2234529.59
54	523685.92	2234509.12
55	523690.11	2234502.20
56	523692.82	2234488.84
57	523681.47	2234461.10
58	523662.56	2234408.21
59	523649.15	2234392.14
60	523643.48	2234382.29
61	523637.91	2234375.59
62	523627.17	2234371.40
63	523618.82	2234380.20
64	523609.27	2234396.11
65	523598.53	2234399.88
66	523586.20	2234399.46
67	523576.11	2234388.48
68	523574.23	2234380.79
69	523573.07	2234364.70
70	523579.84	2234341.67
71	523593.76	2234313.20
72	523618.82	2234288.07
73	523635.53	2234263.36
74	523639.51	2234246.61
75	523637.12	2234231.12
76	523630.36	2234220.65
77	523611.66	2234214.78
78	523588.19	2234213.11
79	523561.54	2234212.69
80	523524.55	2234197.61
81	523512.25	2234193.55
82	523497.90	2234188.82
83	523479.20	2234186.31
84	523460.90	2234196.78
85	523450.16	2234213.11
86	523439.82	2234235.72
87	523430.67	2234266.29
88	523422.72	2234283.04
89	523406.81	2234296.86
90	523387.71	2234308.59
91	523378.49	2234319.85
92	523377.77	2234320.73
93	523359.07	2234352.56
94	523339.98	2234387.32

95	523334.41	2234403.65
96	523337.59	2234418.73
97	523342.37	2234443.85
98	523347.14	2234478.61
99	523346.82	2234507.98
100	523336.52	2234524.39
101	523325.46	2234537.77
102	523312.01	2234545.70
103	523299.51	2234546.69
104	523298.39	2234545.85
105	523300.95	2234526.37
106	523310.57	2234527.36
107	523321.62	2234520.42
108	523331.41	2234507.92
109	523334.01	2234501.96
110	523337.59	2234488.35
111	523337.00	2234476.62
112	523334.81	2234457.78
113	523324.12	2234419.63
114	523320.67	2234395.40
115	523334.48	2234369.96
116	523334.48	2234369.96
117	523362.12	2234327.55
118	523374.78	2234304.54
119	523389.75	2234291.21
120	523417.38	2234266.98
121	523428.90	2234239.11
122	523438.11	2234211.25
123	523454.23	2234187.02
124	523471.50	2234178.54
125	523497.98	2234166.42
126	523508.34	2234157.94
127	523514.10	2234137.35
128	523523.31	2234119.17
129	523538.28	2234086.46
130	523549.79	2234059.81
131	523552.31	2234054.02
132	523562.45	2234030.73
133	523565.91	2234013.77
134	523557.85	2234002.87
135	523537.12	2233996.81
136	523510.64	2233995.60
137	523487.91	2234000.52
138	523471.50	2234004.08
139	523431.20	2234008.92
140	523419.68	2234017.41
141	523417.38	2234024.67
142	523436.96	2234050.12
143	523464.58	2234067.08
144	523481.84	2234084.05
145	523484.14	2234096.15

146	523477.24	2234107.06
147	523454.22	2234116.75
148	523428.90	2234127.65
149	523387.47	2234121.60
150	523312.67	2234094.94
151	523274.69	2234081.62
152	523259.73	2234090.10
153	523257.43	2234097.37
154	523262.03	2234113.12
155	523279.29	2234128.87
156	523311.52	2234156.73
157	523313.82	2234183.38
158	523304.61	2234195.50
159	523283.90	2234211.25
160	523267.79	2234216.40
161	523232.69	2234218.82
162	523195.86	2234223.67
163	523169.39	2234238.20
164	523146.95	2234246.69
165	523133.72	2234241.84
166	523125.08	2234221.85
167	523116.45	2234201.86
168	523108.40	2234188.54
169	523096.89	2234182.48
170	523083.08	2234183.69
171	523040.50	2234207.31
172	523016.91	2234223.67
173	523013.45	2234233.97
174	523016.33	2234242.45
175	523053.16	2234253.96
176	523114.15	2234262.44
177	523138.32	2234275.16
178	523145.80	2234296.97
179	523141.77	2234335.74
180	523130.84	2234356.94
181	523114.15	2234366.02
182	523095.16	2234367.23
183	523069.27	2234357.70
184	523037.62	2234354.06
185	523024.68	2234359.52
186	523012.02	2234373.75
187	523017.73	2234347.11
188	523051.29	2234338.53
189	523064.82	2234341.04
190	523099.05	2234355.28
191	523113.38	2234354.44
192	523122.93	2234349.42
193	523133.27	2234334.34
194	523136.46	2234314.24
195	523134.07	2234287.44
196	523122.13	2234277.39

197	523097.46	2234271.53
198	523020.25	2234256.45
199	523004.33	2234247.24
200	523000.35	2234233.00
201	523008.31	2234217.92
202	523031.39	2234202.85
203	523068.57	2234180.24
204	523090.86	2234166.83
205	523090.86	2234166.83
206	523105.18	2234167.67
207	523111.95	2234174.37
208	523118.71	2234181.07
209	523132.25	2234217.92
210	523143.39	2234231.33
211	523154.53	2234228.81
212	523192.74	2234215.41
213	523238.11	2234207.87
214	523241.33	2234207.33
215	523277.91	2234201.17
216	523291.44	2234192.80
217	523301.79	2234180.24
218	523299.40	2234166.00
219	523287.46	2234153.43
220	523255.62	2234122.44
221	523245.27	2234102.34
222	523246.87	2234086.43
223	523260.40	2234072.19
224	523275.52	2234068.84
225	523298.60	2234073.87
226	523344.34	2234093.13
227	523384.92	2234109.88
228	523411.97	2234115.74
229	523428.68	2234113.23
230	523451.75	2234108.21
231	523462.89	2234098.99
232	523463.68	2234085.59
233	523457.32	2234076.38
234	523420.72	2234048.74
235	523402.42	2234026.13
236	523405.60	2234011.89
237	523419.13	2234001.84
238	523450.16	2233996.81
239	523486.75	2233990.95
240	523519.37	2233984.25
241	523534.08	2233985.50
242	523548.81	2233986.76
243	523567.90	2233992.63
244	523575.06	2234007.70
245	523571.09	2234032.83
246	523562.51	2234054.17
247	523553.58	2234076.38

248	523524.94	2234141.50
249	523516.59	2234163.27
250	523522.16	2234171.23
251	523522.70	2234171.54
252	523538.07	2234180.44
253	523582.62	2234202.64
254	523606.49	2234206.41
255	523628.76	2234205.15
256	523639.11	2234209.34
257	523645.87	2234223.16
258	523646.67	2234238.65
259	523646.67	2234254.15
260	523640.30	2234272.57
261	523624.39	2234296.86
262	523600.12	2234322.41
263	523592.57	2234340.00
264	523587.39	2234360.52
265	523585.01	2234372.66
266	523587.39	2234378.94
267	523594.95	2234382.71
268	523605.30	2234382.29
269	523612.46	2234375.59
270	523620.81	2234365.54
271	523632.35	2234363.45
272	523641.10	2234366.80
273	523644.22	2234368.78
274	523649.22	2234371.96
275	523658.77	2234377.43
276	523670.96	2234398.24
277	523684.00	2234426.85
278	523693.66	2234458.50
279	523704.41	2234490.26
280	523704.48	2234493.43
281	523701.99	2234500.08
282	523699.20	2234504.02
283	523695.01	2234509.24
284	523691.80	2234514.24
285	523680.42	2234531.98
286	523679.68	2234550.65
287	523682.34	2234566.92
288	523688.24	2234579.11
289	523708.23	2234604.82
290	523722.81	2234620.68
291	523729.33	2234630.69
292	523735.68	2234654.74
293	523738.12	2234673.51
294	523746.08	2234690.96
295	523753.91	2234700.48
296	523765.27	2234705.09
297	523778.69	2234709.12
298	523791.88	2234717.91

299	523802.76	2234730.22
300	523815.53	2234752.25
301	523833.27	2234788.99
302	523860.42	2234836.48
303	523879.73	2234883.90
304	523880.17	2234922.49
305	523878.90	2234952.94
306	523888.42	2234962.14
307	523886.19	2234980.05
308	523887.58	2234999.51
309	523868.82	2235018.96
310	523857.70	2235033.21
311	523859.44	2235049.54
312	523872.30	2235073.17
313	523882.37	2235085.33
314	523896.97	2235095.06
315	523924.41	2235117.31
316	523931.71	2235133.29
317	523936.58	2235160.39
318	523918.16	2235194.30
319	523917.48	2235206.49
320	523924.93	2235219.36
321	523938.93	2235227.94
322	523960.20	2235225.36
323	523988.00	2235225.36
324	524067.92	2235249.34
325	524084.95	2235257.33
326	524093.64	2235259.42
327	524108.19	2235256.48
328	524116.91	2235245.40
329	524121.97	2235233.11
330	524124.29	2235217.09
н.п. Воронино, н.п. Городищи г.о.г. Бор Нижегородской области		
1	534659.89	2238746.23
2	534659.16	2238756.47
3	534654.21	2238767.53
4	534629.87	2238793.91
5	534609.65	2238800.29
6	534590.68	2238801.57
7	534582.02	2238811.78
8	534581.19	2238824.54
9	534594.95	2238848.41
10	534629.09	2238882.52
11	534635.65	2238890.06
12	534638.12	2238912.60
13	534647.61	2238937.28
14	534675.15	2238963.29
15	534707.42	2238993.43
16	534729.37	2239044.24
17	534743.24	2239099.25
18	534758.18	2239114.65

19	534785.91	2239119.05
20	534801.48	2239123.19
21	534806.02	2239132.97
22	534798.18	2239143.18
23	534791.58	2239155.09
24	534787.87	2239181.47
25	534790.18	2239207.07
26	534800.61	2239240.65
27	534810.21	2239261.55
28	534812.35	2239281.35
29	534826.23	2239297.86
30	534844.82	2239309.09
31	534886.51	2239316.32
32	534917.87	2239327.81
33	534934.79	2239342.27
34	534937.25	2239357.26
35	534935.05	2239369.00
36	534926.95	2239376.30
37	534912.92	2239377.57
38	534889.35	2239373.96
39	534879.60	2239381.47
40	534871.19	2239395.65
41	534868.71	2239415.22
42	534869.54	2239442.01
43	534875.33	2239472.78
44	534895.11	2239499.44
45	534916.56	2239503.69
46	534928.52	2239502.41
47	534938.31	2239495.88
48	534947.09	2239465.41
49	534956.65	2239460.69
50	534971.59	2239462.89
51	534991.22	2239473.07
52	535028.75	2239496.46
53	535045.66	2239497.74
54	535062.16	2239504.12
55	535079.07	2239515.60
56	535084.44	2239535.17
57	535082.37	2239555.16
58	535071.24	2239573.45
59	535043.19	2239606.63
60	535033.34	2239622.82
61	534651.83	2238746.09
62	534651.23	2238754.48
63	534647.40	2238763.04
64	534625.40	2238786.88
65	534608.15	2238792.32
66	534586.74	2238793.77
67	534574.16	2238808.60
68	534573.00	2238826.45
69	534588.51	2238853.35

70	534627.92	2238893.44
71	534630.23	2238914.52
72	534640.75	2238941.88
73	534657.76	2238957.94
74	534667.52	2238967.15
75	534667.48	2238967.26
76	534700.70	2238998.17
77	534721.72	2239046.84
78	534735.96	2239103.31
79	534754.27	2239122.18
80	534784.24	2239126.94
81	534795.76	2239130.00
82	534796.66	2239131.94
83	534791.43	2239138.75
84	534783.81	2239152.49
85	534779.77	2239181.27
86	534782.24	2239208.64
87	534793.08	2239243.54
88	534802.35	2239263.72
89	534804.61	2239284.65
90	534820.92	2239304.06
91	534841.95	2239316.76
92	534884.42	2239324.13
93	534913.74	2239334.87
94	534927.32	2239346.48
95	534929.04	2239356.98
96	534927.11	2239365.23
97	534923.51	2239368.53
98	534913.17	2239369.46
99	534890.74	2239366.03
100	534873.81	2239376.34
101	534863.85	2239393.13
102	534861.09	2239414.86
103	534861.96	2239442.84
104	534868.18	2239475.90
105	534890.75	2239506.33
106	534916.22	2239511.37
107	534931.18	2239509.77
108	534944.84	2239500.66
109	534953.46	2239470.74
110	534957.89	2239468.55
111	534969.22	2239470.22
112	534987.45	2239479.68
113	535026.31	2239503.90
114	535043.97	2239505.23
115	535058.61	2239510.90
116	535072.48	2239520.31
117	535076.73	2239535.81
118	535074.99	2239552.67
119	535065.05	2239568.99
120	535037.75	2239601.60

121	535022.17	2239626.54
122	535571.58	2241462.68
123	535581.18	2241461.98
124	535617.47	2241453.18
125	535633.48	2241463.08
126	535638.82	2241479.58
127	535630.28	2241491.68
128	535626.54	2241506.45
129	535638.50	2241524.75
130	535654.83	2241540.09
131	535704.17	2241566.49
132	535714.84	2241564.29
133	535722.31	2241547.79
134	535737.26	2241540.09
135	535759.68	2241544.49
136	535775.69	2241564.29
137	535800.24	2241609.40
138	535837.60	2241647.90
139	535840.62	2241653.91
140	535573.87	2241470.07
141	535614.93	2241461.02
142	535626.77	2241468.34
143	535629.98	2241478.24
144	535623.09	2241487.99
145	535619.52	2241506.03
146	535634.79	2241531.13
147	535650.28	2241546.73
148	535702.95	2241574.91
149	535720.45	2241571.30
150	535728.45	2241553.63
151	535738.45	2241548.48
152	535755.29	2241551.78
153	535769.01	2241568.75
154	535793.74	2241614.19
155	535830.52	2241652.09
156	535835.55	2241660.83

р. Везлома

Система координат – МСК 52

Номер и координаты характерных точек береговой линии (границы водного объекта)		
№ точки на картографическом материале	X, м	Y, м
д. Белоусово, д. Оманово, д. Тарасово, д. Трубниково г.о.г. Бор Нижегородской области		
1	481697.71	2192440.64
2	481701.64	2192445.45
3	481702.72	2192450.04
4	481702.09	2192454.04
5	481697.78	2192456.27
6	481692.04	2192457.91
7	481686.28	2192460.98
8	481682.50	2192465.79
9	481682.70	2192471.79
10	481686.62	2192478.13
11	481699.89	2192491.17
12	481712.63	2192500.20
13	481726.65	2192499.25
14	481741.91	2192491.16
15	481754.16	2192494.75
16	481772.67	2192500.43
17	481788.60	2192506.35
18	481804.25	2192511.99
19	481811.09	2192513.23
20	481815.56	2192521.29
21	481813.69	2192532.99
22	481802.94	2192546.00
23	481794.87	2192551.32
24	481787.36	2192556.94
25	481777.37	2192555.95
26	481768.86	2192550.69
27	481759.79	2192544.57
28	481754.36	2192544.21
29	481746.30	2192548.96
30	481745.09	2192553.81
31	481752.43	2192561.05
32	481762.61	2192569.19
33	481769.57	2192583.29
34	481768.88	2192592.43
35	481765.00	2192604.67
36	481761.07	2192620.92
37	481760.60	2192634.63
38	481763.59	2192646.68
39	481769.49	2192654.19
40	481775.97	2192661.71
41	481781.64	2192664.93
42	481787.10	2192663.29

43	481795.24	2192653.10
44	481799.36	2192644.29
45	481803.55	2192630.06
46	481807.33	2192624.67
47	481810.75	2192615.14
48	481816.57	2192606.93
49	481824.59	2192606.46
50	481834.22	2192613.16
51	481842.14	2192619.56
52	481848.33	2192627.07
53	481846.51	2192635.05
54	481842.16	2192639.57
55	481838.34	2192647.24
56	481838.49	2192652.03
57	481842.70	2192658.09
58	481843.90	2192664.68
59	481842.98	2192669.53
60	481843.48	2192675.11
61	481845.54	2192681.57
62	481846.05	2192686.01
63	481845.02	2192687.85
64	481842.28	2192689.96
65	481835.57	2192689.30
66	481821.75	2192685.83
67	481807.51	2192681.35
68	481800.27	2192677.83
69	481796.67	2192679.64
70	481793.05	2192683.59
71	481790.99	2192698.86
72	481789.61	2192711.49
73	481788.86	2192714.20
74	481783.67	2192716.99
75	481781.93	2192719.11
76	481782.59	2192723.55
77	481781.18	2192743.54
78	481781.13	2192757.98
79	481780.39	2192770.55
80	481776.21	2192773.64
81	481769.70	2192773.63
82	481763.22	2192766.97
83	481758.47	2192758.18
84	481757.26	2192752.16
85	481754.17	2192748.26
86	481749.19	2192746.48
87	481728.57	2192749.21
88	481720.93	2192754.11
89	481719.19	2192758.84
90	481719.18	2192764.92
91	481721.50	2192784.18
92	481719.51	2192788.51
93	481724.39	2192808.66

94	481730.00	2192817.02
95	481740.77	2192824.03
96	481751.55	2192830.46
97	481753.96	2192842.78
98	481748.63	2192856.72
99	481738.74	2192869.46
100	481731.18	2192878.79
101	481715.82	2192894.60
102	481709.96	2192905.67
103	481705.49	2192919.33
104	481699.42	2192946.13
105	481692.92	2192962.05
106	481685.84	2192978.83
107	481678.27	2192989.02
108	481673.56	2192999.25
109	481660.20	2193006.75
110	481651.95	2193009.43
111	481643.25	2193018.90
112	481638.84	2193027.56
113	481633.37	2193041.64
114	481630.10	2193056.25
115	481630.79	2193058.40
116	481633.63	2193060.74
117	481644.41	2193053.99
118	481650.10	2193050.77
119	481662.30	2193046.50
120	481676.27	2193044.19
121	481684.44	2193048.37
122	481695.62	2193056.81
123	481705.27	2193072.80
124	481706.83	2193076.50
125	481714.33	2193081.75
126	481718.38	2193089.59
127	481718.67	2193094.74
128	481717.13	2193102.44
129	481703.93	2193117.63
130	481704.24	2193126.21
131	481708.85	2193134.28
132	481716.49	2193140.24
133	481721.60	2193143.45
134	481723.10	2193148.76
135	481724.75	2193153.64
136	481726.44	2193155.52
137	481730.70	2193157.30
138	481737.71	2193156.96
139	481744.75	2193154.62
140	481749.27	2193158.54
141	481751.52	2193161.72
142	481770.79	2193163.26
143	481779.46	2193170.27
144	481784.86	2193188.92

145	481782.88	2193198.19
146	481773.69	2193201.00
147	481766.80	2193202.91
148	481751.49	2193203.99
149	481738.38	2193211.68
150	481737.71	2193219.39
151	481737.66	2193223.11
152	481740.77	2193225.58
153	481749.50	2193225.26
154	481756.19	2193226.93
155	481758.16	2193229.81
156	481755.88	2193240.07
157	481751.34	2193248.30
158	481746.60	2193249.67
159	481743.33	2193250.14
160	481738.42	2193251.04
161	481736.02	2193251.05
162	481731.77	2193251.17
163	481724.74	2193248.04
164	481721.89	2193247.07
165	481717.52	2193247.52
166	481714.30	2193248.19
167	481709.90	2193251.20
168	481705.51	2193253.58
169	481700.51	2193253.15
170	481697.44	2193252.61
171	481696.29	2193253.31
172	481695.62	2193255.09
173	481694.33	2193261.43
174	481693.50	2193264.50
175	481689.58	2193274.31
176	481686.86	2193280.28
177	481678.74	2193283.10
178	481673.58	2193284.46
179	481665.30	2193284.07
180	481660.00	2193284.28
181	481657.54	2193286.68
182	481659.49	2193290.99
183	481652.57	2193294.90
184	481645.51	2193299.67
185	481640.89	2193302.90
186	481636.84	2193306.70
187	481633.50	2193310.66
188	481620.31	2193313.63
189	481617.81	2193318.46
190	481611.71	2193325.67
191	481609.14	2193325.78
192	481600.14	2193325.09
193	481593.32	2193311.70
194	481585.28	2193308.52
195	481579.84	2193309.17

196	481570.26	2193309.47
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198	481558.69	2193308.75
199	481552.88	2193304.67
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203	481534.01	2193304.70
204	481531.56	2193306.53
205	481526.79	2193310.33
206	481527.19	2193312.90
207	481528.70	2193317.21
208	481531.23	2193320.53
209	481534.93	2193321.87
210	481541.36	2193322.24
211	481544.76	2193324.14
212	481545.88	2193326.16
213	481545.81	2193331.59
214	481553.91	2193335.13
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216	481560.85	2193339.94
217	481560.39	2193342.22
218	481557.73	2193349.04
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221	481553.26	2193363.14
222	481555.52	2193364.60
223	481565.13	2193362.58
224	481575.28	2193362.57
225	481576.54	2193364.44
226	481577.30	2193371.32
227	481576.22	2193377.59
228	481575.27	2193384.44
229	481573.32	2193391.99
230	481571.36	2193399.40
231	481575.96	2193408.18
232	481574.44	2193414.73
233	481572.18	2193423.71
234	481567.12	2193428.22
235	481561.50	2193431.43
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242	481537.51	2193429.40
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262	481497.22	2193419.06
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265	481482.72	2193434.16
266	481479.17	2193432.83
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277	481456.18	2193495.71
278	481449.53	2193501.05
279	481439.52	2193501.20
280	481423.54	2193499.28
281	481408.12	2193497.93
282	481399.26	2193497.81
283	481397.81	2193499.51
284	481396.80	2193521.28
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288	481395.60	2193507.02
289	481395.91	2193500.02
290	481396.88	2193496.60
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292	481401.25	2193496.02
293	481406.82	2193496.38
294	481426.45	2193498.28
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298	481453.79	2193495.50
299	481457.21	2193485.39
300	481457.97	2193481.54
301	481456.20	2193469.87
302	481453.75	2193465.55
303	481449.18	2193460.41
304	481448.07	2193457.90
305	481447.19	2193453.88
306	481450.02	2193450.56
307	481455.88	2193445.21
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385	481706.00	2193252.09
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394	481754.82	2193227.77
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399	481737.46	2193210.82

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406	481750.73	2193162.81
407	481749.51	2193160.36
408	481744.61	2193155.67
409	481737.05	2193158.12
410	481730.10	2193158.12
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489	481843.49	2192686.21
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572	481692.06	2192440.66
н.п. Неклюдово, Квасово, Власово, Телятьево, Зыково г.о.г. Бор Нижегородской области		
1	537745.35	2215428.30
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18	537883.58	2215617.37
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92	538744.84	2216254.24
93	538716.88	2216266.26
94	538696.77	2216293.97
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113	538973.76	2216221.62
114	539009.32	2216159.09
115	539065.97	2216087.73
116	539095.40	2216045.30
117	539122.37	2216016.85
118	539160.14	2215985.96
119	539204.28	2215981.05
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123	539364.17	2216084.54
124	539371.53	2216126.72
125	539372.51	2216180.67
126	539363.68	2216228.25
127	539353.87	2216240.51
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129	539321.99	2216229.72
130	539296.49	2216225.79
131	539269.02	2216231.68
132	539260.19	2216241.98

133	539264.12	2216259.15
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136	539247.93	2216289.06
137	539244.99	2216335.66
138	539232.24	2216412.66
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163	538881.55	2216884.00
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173	538809.21	2217119.42
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175	538777.33	2217142.72
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177	538737.72	2217210.65
178	538725.95	2217231.00
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183	538744.35	2217323.70

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238	538843.56	2218116.54
239	538842.46	2218138.13
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241	538828.69	2218164.27
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243	538835.97	2218193.25
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258	538827.79	2218493.27
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261	538854.81	2218542.71
262	538868.05	2218556.35
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326	538858.94	2219266.92
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379	538794.23	2219236.36
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674	538397.40	2216018.57
675	538398.38	2216008.76
676	538387.10	2215993.56
677	538352.28	2215967.07
678	538325.79	2215936.17
679	538285.82	2215907.24
680	538250.02	2215866.53
681	538222.55	2215834.16
682	538218.14	2215816.99
683	538223.04	2215799.82
684	538222.55	2215787.07
685	538213.85	2215766.96
686	538202.32	2215756.91
687	538186.13	2215742.44
688	538180.00	2215722.08
689	538176.32	2215694.62
690	538173.87	2215675.00
691	538177.55	2215651.21
692	538175.59	2215632.82
693	538164.06	2215614.43

694	538148.37	2215589.41
695	538129.98	2215585.49
696	538119.43	2215585.73
697	538110.11	2215591.62
698	538103.98	2215602.66
699	538093.93	2215622.52
700	538082.40	2215630.37
701	538056.04	2215632.57
702	538033.23	2215624.24
703	537993.75	2215604.37
704	537978.05	2215586.47
705	537974.87	2215571.76
706	537977.07	2215558.27
707	537987.37	2215531.78
708	537991.05	2215518.54
709	537989.09	2215502.60
710	537979.52	2215488.13
711	537973.03	2215480.78
712	537958.07	2215475.87
713	537935.02	2215477.10
714	537923.98	2215482.74
715	537919.81	2215492.79
716	537920.79	2215504.56
717	537925.70	2215518.05
718	537924.47	2215535.22
719	537916.38	2215548.46
720	537908.53	2215563.66
721	537903.38	2215590.39
722	537897.74	2215611.73
723	537888.67	2215629.63
724	537878.37	2215649.74
725	537869.05	2215658.08
726	537856.05	2215660.78
727	537845.75	2215658.81
728	537834.96	2215638.46
729	537824.66	2215612.96
730	537825.15	2215596.77
731	537826.38	2215586.23
732	537820.74	2215564.15
733	537812.15	2215538.40
734	537792.08	2215486.90
735	537770.59	2215459.15
736	537744.90	2215438.40
н.п. Приречный, н.п. Высоково г.о.г. Бор Нижегородской области		
1	545995.91	2229074.35
2	546003.01	2229060.84
3	546009.91	2229060.84
4	546005.31	2229071.99
5	545994.88	2229088.19
6	545988.94	2229097.64
7	545983.11	2229107.54

8	545981.16	2229111.61
9	545979.75	2229119.04
10	545983.11	2229124.17
11	545988.59	2229129.30
12	545997.26	2229133.19
13	546012.65	2229140.45
14	546024.33	2229143.98
15	546034.14	2229146.99
16	546043.12	2229146.91
17	546058.04	2229146.03
18	546068.50	2229147.03
19	546077.04	2229152.48
20	546079.26	2229159.26
21	546081.62	2229166.92
22	546079.25	2229173.53
23	546072.18	2229177.24
24	546055.10	2229179.39
25	546041.60	2229182.98
26	546017.59	2229195.26
27	545993.08	2229212.62
28	545982.87	2229224.81
29	545977.11	2229236.38
30	545972.28	2229251.30
31	545966.12	2229279.40
32	545964.15	2229292.58
33	545964.26	2229302.91
34	545966.84	2229312.86
35	545961.10	2229323.25
36	545950.65	2229332.05
37	545942.12	2229361.94
38	545926.61	2229395.43
39	545922.61	2229403.85
40	545924.38	2229408.98
41	545930.92	2229416.77
42	545953.64	2229432.22
43	545976.10	2229443.46
44	545983.28	2229451.09
45	545986.02	2229457.14
46	545984.49	2229478.78
47	545982.19	2229496.88
48	545975.85	2229503.10
49	545967.72	2229504.51
50	545953.28	2229505.33
51	545944.38	2229508.78
52	545942.14	2229513.22
53	545941.47	2229520.21
54	545942.36	2229533.24
55	545946.77	2229539.62
56	545947.46	2229553.69
57	545940.56	2229565.19
58	545930.83	2229572.26

59	545916.86	2229571.56
60	545906.31	2229575.98
61	545903.06	2229581.99
62	545902.71	2229587.83
63	545909.27	2229618.58
64	545916.77	2229635.77
65	545920.48	2229641.96
66	545928.83	2229641.88
67	545932.97	2229637.77
68	545944.07	2229637.19
69	545952.93	2229642.32
70	545956.70	2229650.60
71	545954.53	2229672.52
72	545944.58	2229695.99
73	545925.97	2229716.97
74	545905.39	2229733.31
75	545887.87	2229748.48
76	545884.04	2229752.91
77	545884.64	2229759.27
78	545889.69	2229765.02
79	545903.15	2229766.50
80	545933.57	2229761.19
81	545950.91	2229758.72
82	545968.38	2229759.36
83	546000.37	2229770.00
84	546010.64	2229779.81
85	546022.16	2229787.91
86	546043.06	2229795.96
87	546058.88	2229804.62
88	546069.88	2229824.06
89	546070.12	2229840.91
90	546069.31	2229876.18
91	546072.30	2229914.97
92	546072.85	2229931.51
93	546079.18	2229935.35
94	546091.89	2229929.69
95	546097.06	2229911.28
96	546102.78	2229908.77
97	546114.16	2229916.45
98	546116.01	2229927.90
99	546111.47	2229947.59
100	546111.39	2229963.48
101	546121.52	2229968.61
102	546158.99	2229960.53
103	546179.63	2229958.74
104	546199.30	2229973.96
105	546228.49	2229997.86
106	546267.22	2230010.64
107	546281.78	2230018.34
108	546288.06	2230031.08
109	546291.82	2230041.27

110	546313.56	2230058.35
111	546334.18	2230071.99
112	546330.59	2230077.39
113	546318.96	2230068.71
114	546305.42	2230058.56
115	546289.14	2230044.82
116	546283.85	2230032.55
117	546277.29	2230021.13
118	546265.02	2230015.42
119	546245.06	2230009.97
120	546230.60	2230006.11
121	546206.49	2229987.92
122	546186.61	2229971.43
123	546177.04	2229965.57
124	546155.63	2229966.55
125	546137.21	2229971.23
126	546123.85	2229977.52
127	546117.83	2229976.22
128	546108.99	2229968.87
129	546103.02	2229957.08
130	546105.63	2229941.84
131	546109.18	2229928.50
132	546107.63	2229922.46
133	546105.74	2229919.59
134	546101.61	2229920.52
135	546100.33	2229922.74
136	546098.08	2229929.40
137	546093.93	2229934.79
138	546087.87	2229940.48
139	546082.79	2229942.04
140	546073.29	2229940.09
141	546068.55	2229936.25
142	546065.11	2229924.48
143	546065.49	2229911.76
144	546062.16	2229880.28
145	546060.68	2229858.98
146	546061.70	2229844.04
147	546062.71	2229831.65
148	546060.22	2229822.42
149	546056.12	2229817.32
150	546052.67	2229809.67
151	546046.33	2229807.73
152	546041.95	2229801.80
153	546020.58	2229792.71
154	546007.68	2229785.31
155	546001.13	2229778.96
156	545994.48	2229772.52
157	545976.43	2229768.30
158	545966.61	2229765.07
159	545951.39	2229764.05
160	545933.62	2229765.87

161	545901.20	2229771.81
162	545888.82	2229770.04
163	545879.97	2229763.49
164	545878.38	2229757.48
165	545879.44	2229750.23
166	545883.61	2229744.01
167	545891.25	2229737.69
168	545901.91	2229728.82
169	545913.22	2229719.36
170	545920.48	2229714.49
171	545933.75	2229700.16
172	545941.29	2229687.71
173	545948.33	2229675.67
174	545951.91	2229657.57
175	545951.09	2229649.75
176	545944.72	2229643.38
177	545936.94	2229643.91
178	545929.68	2229647.45
179	545922.08	2229648.33
180	545916.95	2229646.56
181	545911.11	2229638.96
182	545904.92	2229620.73
183	545901.02	2229606.05
184	545898.02	2229589.25
185	545898.37	2229578.16
186	545903.48	2229570.88
187	545912.61	2229567.49
188	545918.16	2229565.76
189	545928.89	2229566.43
190	545935.55	2229563.72
191	545940.67	2229554.21
192	545941.34	2229546.59
193	545938.77	2229537.20
194	545936.15	2229522.56
195	545936.02	2229516.21
196	545939.59	2229507.52
197	545945.07	2229502.03
198	545955.16	2229499.38
199	545962.59	2229498.67
200	545969.13	2229499.03
201	545974.44	2229497.61
202	545977.62	2229490.89
203	545979.75	2229474.44
204	545979.22	2229460.28
205	545976.94	2229451.25
206	545970.72	2229447.19
207	545951.97	2229437.82
208	545931.81	2229425.61
209	545926.85	2229421.54
210	545923.31	2229418.18
211	545919.07	2229413.41

212	545916.42	2229408.28
213	545915.71	2229400.14
214	545921.14	2229389.90
215	545927.14	2229376.56
216	545929.94	2229365.57
217	545935.08	2229357.33
218	545938.65	2229350.27
219	545941.40	2229337.90
220	545945.59	2229323.96
221	545955.26	2229312.41
222	545958.32	2229299.70
223	545958.54	2229287.78
224	545960.65	2229278.26
225	545963.88	2229266.99
226	545966.47	2229255.08
227	545972.76	2229234.29
228	545977.57	2229222.56
229	545986.67	2229210.68
230	545998.45	2229201.84
231	546009.28	2229192.99
232	546023.11	2229186.23
233	546040.59	2229178.68
234	546058.00	2229173.54
235	546063.62	2229172.76
236	546070.32	2229172.11
237	546074.88	2229169.97
238	546075.81	2229165.86
239	546074.47	2229161.06
240	546072.58	2229155.79
241	546062.13	2229152.72
242	546054.99	2229152.53
243	546046.75	2229151.54
244	546034.38	2229151.16
245	546023.09	2229148.05
246	546011.06	2229145.22
247	545997.44	2229139.39
248	545985.41	2229133.19
249	545979.39	2229128.06
250	545976.56	2229122.58
251	545975.32	2229115.68
252	545976.56	2229108.07
253	545982.58	2229099.23
254	545986.56	2229090.03
н.п Шерстнево, н.п. Варначево г.о.г. Бор Нижегородской области		
1	539034.95	2220460.63
2	539037.15	2220468.22
3	539056.77	2220491.37
4	539081.59	2220515.70
5	539107.28	2220532.82
6	539127.13	2220548.32
7	539131.74	2220549.10

8	539142.49	2220551.87
9	539151.86	2220558.12
10	539156.72	2220567.14
11	539158.80	2220588.99
12	539141.10	2220641.38
13	539125.84	2220671.90
14	539100.86	2220699.66
15	539069.64	2220739.90
16	539043.27	2220782.92
17	539016.91	2220805.81
18	538999.22	2220826.63
19	538991.24	2220841.89
20	538982.56	2220865.48
21	538974.59	2220884.22
22	538967.30	2220895.32
23	538954.81	2220900.87
24	538938.51	2220898.09
25	538919.77	2220885.95
26	538911.79	2220883.52
27	538895.14	2220890.46
28	538882.31	2220902.25
29	538870.16	2220907.46
30	538837.90	2220898.09
31	538812.58	2220890.81
32	538782.16	2220879.81
33	538754.31	2220877.00
34	538737.92	2220881.24
35	538731.46	2220888.32
36	538732.04	2220900.78
37	538735.80	2220907.57
38	538739.57	2220910.97
39	538745.75	2220919.45
40	538745.20	2220928.81
41	538736.78	2220936.96
42	538723.71	2220947.18
43	538682.54	2220972.36
44	538668.83	2220983.68
45	538652.70	2220999.24
46	538640.87	2221014.81
47	538627.70	2221037.73
48	538617.21	2221059.80
49	538604.85	2221077.07
50	538593.02	2221090.93
51	538575.55	2221107.63
52	538559.42	2221125.17
53	538552.16	2221131.68
54	538541.42	2221136.64
55	538527.70	2221137.06
56	538521.79	2221134.51
57	538516.95	2221130.27
58	538511.84	2221118.39

59	538511.57	2221110.46
60	538514.53	2221103.38
61	538533.61	2221084.99
62	538551.62	2221073.10
63	538556.73	2221064.61
64	538557.00	2221058.67
65	538555.66	2221047.92
66	538554.31	2221043.67
67	538551.62	2221039.71
68	538541.14	2221038.01
69	538531.73	2221039.14
70	538523.40	2221043.11
71	538516.95	2221050.18
72	538507.00	2221098.85
73	538501.36	2221105.36
74	538490.61	2221110.45
75	538468.52	2221119.08
76	538453.61	2221121.33
77	538431.75	2221122.89
78	538410.94	2221113.18
79	538397.41	2221103.47
80	538384.22	2221085.77
81	538380.39	2221077.91
82	538359.59	2221077.10
83	538333.23	2221085.43
84	538308.94	2221099.65
85	538295.76	2221109.02
86	538286.39	2221117.69
87	538284.66	2221128.79
88	538291.95	2221150.30
89	538313.80	2221175.28
90	538327.33	2221185.34
91	538341.21	2221190.54
92	538360.29	2221197.83
93	538376.25	2221202.68
94	538384.22	2221212.05
95	538390.86	2221230.44
96	538390.77	2221241.28
97	538388.69	2221254.37
98	538381.23	2221261.31
99	538372.99	2221264.43
100	538359.81	2221260.96
101	538344.89	2221250.21
102	538332.06	2221234.60
103	538319.92	2221225.23
104	538308.81	2221226.27
105	538306.39	2221233.21
106	538304.47	2221241.20
107	538316.88	2221265.59
108	538319.38	2221278.13
109	538315.29	2221293.22

110	538308.51	2221299.72
111	538300.10	2221303.59
112	538290.97	2221304.25
113	538278.14	2221302.39
114	538253.57	2221293.75
115	538237.24	2221292.11
116	538224.77	2221289.06
117	538214.54	2221282.99
118	538207.25	2221282.30
119	538194.68	2221292.36
120	538191.38	2221300.51
121	538190.69	2221310.57
122	538197.28	2221316.64
123	538225.03	2221318.90
124	538241.69	2221319.07
125	538258.16	2221325.49
126	538268.22	2221336.42
127	538269.61	2221352.20
128	538264.76	2221364.17
129	538249.14	2221375.79
130	538222.43	2221380.65
131	538207.69	2221382.56
132	538182.54	2221376.31
133	538151.84	2221366.95
134	538117.49	2221353.59
135	538104.48	2221351.16
136	538099.78	2221354.78
137	538097.46	2221364.82
138	538094.77	2221384.64
139	538092.34	2221394.01
140	538085.57	2221399.56
141	538076.03	2221400.25
142	538047.24	2221396.09
143	538047.07	2221389.32
144	538061.81	2221392.62
145	538075.86	2221394.70
146	538085.92	2221392.79
147	538088.70	2221383.60
148	538089.74	2221365.39
149	538092.17	2221350.47
150	538098.58	2221346.65
151	538109.16	2221344.57
152	538117.84	2221346.13
153	538140.91	2221356.02
154	538159.47	2221361.40
155	538185.14	2221368.85
156	538207.93	2221375.71
157	538232.54	2221373.64
158	538248.97	2221368.85
159	538257.82	2221359.49
160	538261.46	2221351.86

161	538262.15	2221341.62
162	538258.34	2221332.43
163	538248.13	2221328.93
164	538231.80	2221324.80
165	538211.16	2221323.58
166	538194.16	2221322.54
167	538185.83	2221317.16
168	538183.92	2221310.75
169	538184.97	2221299.64
170	538191.38	2221289.76
171	538198.84	2221281.43
172	538204.91	2221275.01
173	538213.07	2221271.54
174	538220.70	2221273.28
175	538225.03	2221281.26
176	538236.48	2221288.02
177	538258.34	2221291.49
178	538275.86	2221296.87
179	538287.31	2221299.99
180	538298.84	2221298.68
181	538305.66	2221295.53
182	538310.83	2221290.57
183	538314.25	2221277.96
184	538312.11	2221267.24
185	538300.66	2221242.58
186	538300.66	2221234.95
187	538302.92	2221227.31
188	538307.95	2221220.55
189	538312.80	2221218.64
190	538321.65	2221220.20
191	538336.22	2221232.52
192	538346.80	2221246.39
193	538358.42	2221255.59
194	538372.65	2221259.58
195	538381.32	2221256.63
196	538384.09	2221247.78
197	538386.18	2221231.48
198	538378.20	2221214.48
199	538371.43	2221208.23
200	538341.25	2221196.96
201	538322.34	2221189.33
202	538309.16	2221180.48
203	538289.73	2221158.62
204	538281.58	2221146.48
205	538278.46	2221134.51
206	538277.07	2221122.20
207	538282.62	2221111.27
208	538296.85	2221100.86
209	538329.28	2221080.05
210	538353.74	2221071.20
211	538373.17	2221072.42

212	538384.09	2221075.89
213	538395.72	2221092.36
214	538406.30	2221103.29
215	538429.19	2221114.91
216	538440.29	2221117.34
217	538456.25	2221115.09
218	538468.39	2221112.66
219	538487.38	2221105.08
220	538492.75	2221094.61
221	538494.64	2221079.33
222	538501.63	2221058.67
223	538512.38	2221041.69
224	538522.06	2221033.49
225	538535.34	2221028.82
226	538543.83	2221028.08
227	538553.78	2221029.24
228	538561.03	2221036.31
229	538566.78	2221049.35
230	538568.29	2221058.95
231	538563.99	2221071.41
232	538545.94	2221088.82
233	538522.59	2221108.76
234	538520.98	2221117.53
235	538525.01	2221128.29
236	538532.54	2221131.12
237	538538.72	2221129.13
238	538560.23	2221110.17
239	538583.07	2221085.56
240	538601.08	2221063.48
241	538611.03	2221049.62
242	538629.04	2221015.09
243	538637.37	2221002.07
244	538648.13	2220988.49
245	538661.84	2220976.61
246	538691.14	2220955.10
247	538712.92	2220942.65
248	538722.06	2220934.44
249	538724.13	2220930.53
250	538725.34	2220928.25
251	538727.68	2220923.38
252	538728.31	2220918.25
253	538728.35	2220917.93
254	538726.27	2220913.77
255	538719.90	2220901.06
256	538718.83	2220889.74
257	538722.86	2220880.41
258	538730.93	2220874.18
259	538744.37	2220868.24
260	538760.51	2220865.98
261	538783.09	2220871.07
262	538802.45	2220877.01

263	538826.50	2220889.25
264	538848.87	2220895.84
265	538863.62	2220897.40
266	538874.54	2220894.80
267	538889.98	2220881.61
268	538900.56	2220876.24
269	538917.73	2220876.06
270	538931.78	2220884.56
271	538941.50	2220893.06
272	538951.00	2220895.48
273	538957.92	2220894.03
274	538966.57	2220886.38
275	538975.67	2220863.40
276	538985.90	2220833.91
277	539000.65	2220812.23
278	539019.21	2220795.23
279	539036.38	2220778.93
280	539053.03	2220754.82
281	539068.64	2220728.45
282	539089.28	2220703.30
283	539113.39	2220674.68
284	539125.19	2220658.37
285	539141.84	2220618.31
286	539149.13	2220600.96
287	539150.17	2220580.67
288	539146.87	2220566.79
289	539142.19	2220561.76
290	539121.23	2220553.46
291	539083.24	2220527.99
292	539047.19	2220496.63
293	539029.20	2220471.13
294	539023.20	2220453.35
295	539034.95	2220460.63

р. Нуженка (Торфянка)

Система координат – МСК 52

Номер и координаты характерных точек береговой линии (границы водного объекта)		
№ точки на картографическом материале	X, м	Y, м
н.п. Большое Пикино г.о.г. Бор Нижегородской области		
1	532659.33	2227340.50
2	532634.66	2227347.71
3	532616.44	2227354.92
4	532590.25	2227372.76
5	532550.02	2227406.16
6	532515.48	2227436.53
7	532506.56	2227449.05
8	532498.02	2227468.98
9	532482.64	2227482.26
10	532457.78	2227503.71
11	532435.58	2227522.12
12	532406.54	2227546.41
13	532394.02	2227553.81
14	532377.50	2227558.55
15	532369.15	2227558.18
16	532365.17	2227555.90
17	532359.48	2227557.61
18	532343.72	2227562.92
19	532330.63	2227565.39
20	532323.80	2227563.87
21	532320.76	2227562.73
22	532308.04	2227564.44
23	532298.37	2227564.63
24	532281.48	2227561.97
25	532269.33	2227558.93
26	532256.99	2227555.33
27	532247.88	2227553.43
28	532243.14	2227554.95
29	532238.96	2227553.62
30	532238.39	2227550.01
31	532234.22	2227546.79
32	532229.47	2227543.37
33	532224.92	2227542.80
34	532218.09	2227541.28
35	532210.31	2227542.23
36	532206.70	2227540.72
37	532201.77	2227536.54
38	532196.64	2227533.50
39	532190.76	2227533.12
40	532178.99	2227532.74
41	532169.31	2227528.95

42	532158.31	2227524.58
43	532152.99	2227523.26
44	532143.88	2227520.98
45	532134.77	2227518.70
46	532125.85	2227518.13
47	532109.53	2227510.92
48	532094.54	2227506.55
49	532087.90	2227505.04
50	532083.15	2227504.66
51	532081.45	2227501.43
52	532077.65	2227498.20
53	532066.45	2227493.84
54	532054.12	2227487.77
55	532040.64	2227481.88
56	532033.57	2227477.56
57	532020.60	2227470.04
58	532006.86	2227459.68
59	531993.58	2227453.98
60	531981.05	2227447.72
61	531974.22	2227445.82
62	531969.66	2227442.03
63	531960.36	2227436.90
64	531938.16	2227423.81
65	531918.04	2227411.66
66	531906.28	2227405.21
67	531899.05	2227400.61
68	531902.55	2227398.32
69	531905.02	2227399.64
70	531934.86	2227417.52
71	531941.22	2227421.70
72	531949.76	2227426.35
73	531961.19	2227433.32
74	531970.59	2227438.26
75	531985.25	2227445.04
76	531991.23	2227449.22
77	531997.30	2227452.16
78	532006.51	2227457.09
79	532012.29	2227460.70
80	532017.61	2227464.40
81	532023.21	2227467.91
82	532028.99	2227473.03
83	532041.28	2227478.30
84	532048.30	2227481.24
85	532058.17	2227486.56
86	532068.66	2227491.82
87	532075.40	2227494.10
88	532080.33	2227496.66
89	532082.13	2227498.56
90	532084.22	2227500.08
91	532088.02	2227501.79
92	532104.20	2227506.67

93	532111.31	2227509.52
94	532121.47	2227513.79
95	532134.80	2227515.92
96	532139.45	2227517.73
97	532143.15	2227517.63
98	532149.32	2227519.34
99	532154.44	2227520.20
100	532158.24	2227520.95
101	532160.51	2227522.66
102	532166.82	2227524.75
103	532174.32	2227527.22
104	532181.70	2227529.85
105	532186.06	2227529.95
106	532187.20	2227529.47
107	532188.81	2227529.19
108	532189.86	2227528.62
109	532191.85	2227528.81
110	532195.17	2227529.19
111	532198.30	2227530.80
112	532199.35	2227532.51
113	532206.94	2227536.49
114	532211.87	2227538.39
115	532214.91	2227538.11
116	532217.66	2227539.15
117	532219.51	2227537.39
118	532219.89	2227537.39
119	532222.55	2227533.60
120	532226.72	2227532.08
121	532232.80	2227528.28
122	532236.97	2227513.86
123	532256.33	2227488.05
124	532288.97	2227446.68
125	532322.37	2227399.61
126	532341.16	2227377.41
127	532377.60	2227364.88
128	532403.79	2227355.01
129	532427.32	2227347.23
130	532443.83	2227342.11
131	532494.51	2227340.02
132	532527.72	2227341.35
133	532534.36	2227342.68
134	532535.31	2227346.47
135	532533.41	2227349.89
136	532524.87	2227352.17
137	532512.53	2227352.36
138	532487.10	2227351.41
139	532461.48	2227350.65
140	532439.85	2227354.06
141	532418.78	2227361.28
142	532410.24	2227363.74
143	532408.15	2227368.68

144	532414.99	2227376.27
145	532426.56	2227390.50
146	532434.91	2227400.37
147	532440.80	2227401.32
148	532445.35	2227403.60
149	532447.82	2227408.15
150	532447.06	2227411.00
151	532449.34	2227414.80
152	532466.89	2227438.04
153	532478.85	2227450.19
154	532496.12	2227443.17
155	532508.26	2227438.80
156	532519.46	2227429.50
157	532544.04	2227406.44
158	532560.74	2227391.83
159	532577.06	2227377.22
160	532592.05	2227364.12
161	532619.57	2227347.42
162	532647.42	2227338.98
163	532658.26	2227336.09
1	532659.33	2227340.50
164	532394.79	2227371.93
165	532408.01	2227384.30
166	532437.43	2227420.54
167	532453.63	2227439.72
168	532459.60	2227447.40
169	532457.89	2227452.94
170	532445.53	2227462.75
171	532393.51	2227505.38
172	532369.21	2227527.12
173	532348.32	2227542.90
174	532335.10	2227548.44
175	532316.77	2227545.88
176	532290.34	2227540.34
177	532263.05	2227531.81
178	532248.98	2227527.12
179	532253.24	2227516.89
180	532274.13	2227491.31
181	532307.82	2227445.26
182	532335.10	2227404.34
183	532349.17	2227388.56
184	532360.68	2227382.59
185	532382.43	2227376.20
н.п. Редькино г.о.г. Бор Нижегородской области		
1	530798.91	2227615.59
2	530798.27	2227631.42
3	530773.91	2227632.43
4	530750.69	2227631.75
5	530728.05	2227628.24
6	530716.16	2227625.92
7	530709.36	2227627.01

8	530684.42	2227630.85
9	530633.44	2227629.45
10	530591.50	2227634.90
11	530555.20	2227644.90
12	530538.17	2227652.17
13	530512.65	2227657.69
14	530486.02	2227658.69
15	530435.47	2227658.57
16	530376.53	2227664.50
17	530319.30	2227667.03
18	530250.47	2227668.10
19	530202.88	2227670.12
20	530116.73	2227681.56
21	530047.56	2227694.22
22	529999.20	2227707.41
23	529976.82	2227708.15
24	529959.52	2227712.02
25	529953.83	2227717.37
26	529928.00	2227728.55
27	529903.98	2227746.95
28	529890.00	2227766.97
29	529874.85	2227792.91
30	529851.64	2227847.39
31	529843.92	2227861.21
32	529819.05	2227906.63
33	529804.19	2227932.29
34	529781.65	2227963.86
35	529769.66	2227983.88
36	529758.71	2228019.47
37	529756.36	2228036.71
38	529758.01	2228046.62
39	529757.95	2228058.78
40	529750.47	2228081.37
41	529749.25	2228097.21
42	529747.47	2228114.73
43	529746.26	2228128.31
44	529744.49	2228142.44
45	529741.01	2228158.83
46	529736.96	2228175.78
47	529724.66	2228199.76
48	529704.33	2228242.94
49	529693.98	2228272.30
50	529691.92	2228287.85
51	529686.70	2228312.15
52	529678.69	2228327.38
53	529678.02	2228347.75
54	529670.00	2228366.37
55	529655.79	2228374.79
56	529642.09	2228396.78
57	529623.83	2228423.28
58	529586.77	2228470.61

59	529570.28	2228482.97
60	529558.88	2228495.36
61	529538.35	2228522.98
62	529517.31	2228539.28
63	529491.17	2228556.68
64	529476.40	2228563.96
65	529453.68	2228576.86
66	529440.59	2228589.24
67	529403.65	2228612.81
68	529357.10	2228632.94
69	529346.48	2228604.03
70	529394.75	2228579.39
71	529456.12	2228541.80
72	529513.54	2228501.36
73	529569.32	2228447.89
74	529605.78	2228408.48
75	529637.73	2228362.82
76	529667.47	2228306.96
77	529695.10	2228219.41
78	529712.92	2228169.72
79	529720.63	2228101.30
80	529725.98	2228050.98
81	529742.11	2227997.88
82	529755.31	2227964.57
83	529778.15	2227928.48
84	529817.51	2227874.94
85	529839.13	2227855.81
86	529852.88	2227824.77
87	529872.92	2227783.00
88	529894.06	2227748.60
89	529915.68	2227730.04
90	529937.29	2227712.05
91	529958.31	2227700.84
92	529998.02	2227688.60
93	530034.87	2227682.00
94	530070.01	2227678.78
95	530134.06	2227669.49
96	530172.03	2227665.72
97	530229.85	2227658.66
98	530274.61	2227656.62
99	530330.12	2227655.78
100	530389.62	2227651.55
101	530457.04	2227649.07
102	530497.26	2227647.57
103	530519.37	2227644.29
104	530547.16	2227638.21
105	530581.20	2227627.63
106	530616.91	2227623.29
107	530639.00	2227622.84
108	530671.29	2227622.43
109	530700.91	2227617.35

110	530724.43	2227616.06
111	530741.40	2227620.67
112	530756.13	2227619.05
113	530778.51	2227618.59
н.п. Октябрьский г.о.г. Бор Нижегородской области		
1	526828.32	2227657.51
2	526816.35	2227757.31
3	526818.85	2227766.24
4	526817.49	2227782.81
5	526808.94	2227795.94
6	526804.69	2227798.46
7	526802.97	2227802.28
8	526800.45	2227809.55
9	526796.91	2227826.47
10	526796.03	2227832.41
11	526797.19	2227833.38
12	526808.80	2227843.42
13	526829.34	2227849.27
14	526840.34	2227852.72
15	526846.19	2227869.96
16	526839.89	2227898.19
17	526813.23	2227929.28
18	526810.46	2227931.82
19	526791.86	2227960.83
20	526767.35	2227984.71
21	526740.10	2228006.45
22	526733.13	2228021.82
23	526724.57	2228037.07
24	526720.32	2228037.48
25	526712.47	2228038.50
26	526707.80	2228040.81
27	526705.23	2228045.47
28	526702.66	2228050.34
29	526699.26	2228051.60
30	526697.14	2228051.59
31	526693.34	2228048.81
32	526689.54	2228046.24
33	526684.24	2228045.15
34	526680.64	2228044.28
35	526674.90	2228047.01
36	526668.31	2228049.95
37	526652.61	2228053.27
38	526640.07	2228058.09
39	526636.88	2228060.62
40	526634.31	2228065.07
41	526633.00	2228071.65
42	526632.77	2228076.54
43	526630.63	2228079.50
44	526619.58	2228083.69
45	526603.85	2228091.26
46	526592.59	2228096.30

47	526583.66	2228101.56
48	526569.62	2228110.41
49	526553.03	2228119.68
50	526537.92	2228129.79
51	526523.45	2228139.70
52	526517.47	2228148.17
53	526511.91	2228156.85
54	526506.79	2228163.63
55	526504.57	2228182.74
56	526502.33	2228205.25
57	526492.77	2228208.60
58	526478.98	2228211.50
59	526465.36	2228219.93
60	526454.73	2228225.18
61	526442.38	2228235.95
62	526428.53	2228249.90
63	526424.23	2228259.66
64	526418.67	2228268.98
65	526415.85	2228281.28
66	526405.41	2228291.43
67	526392.23	2228297.94
68	526383.47	2228310.22
69	526380.27	2228315.09
70	526378.29	2228327.83
71	526379.31	2228335.48
72	526382.04	2228341.02
73	526388.16	2228347.00
74	526394.08	2228349.58
75	526398.72	2228353.86
76	526400.39	2228359.60
77	526398.65	2228367.67
78	526395.03	2228370.20
79	526390.97	2228376.34
80	526389.04	2228379.94
81	526384.78	2228383.74
82	526379.04	2228387.11
83	526372.68	2228388.14
84	526364.41	2228387.25
85	526355.53	2228382.95
86	526348.74	2228383.34
87	526340.04	2228385.21
88	526328.77	2228391.74
89	526322.79	2228398.72
90	526319.58	2228405.50
91	526316.97	2228416.75
92	526321.40	2228422.51
93	526327.51	2228428.49
94	526335.75	2228434.90
95	526339.32	2228441.93
96	526337.81	2228446.81
97	526332.48	2228452.52

98	526326.10	2228455.25
99	526315.50	2228455.83
100	526288.46	2228456.22
101	526273.20	2228456.14
102	526252.18	2228461.13
103	526239.02	2228464.67
104	526223.53	2228466.08
105	526204.01	2228468.74
106	526184.49	2228470.98
107	526165.82	2228473.00
108	526146.29	2228478.64
109	526119.32	2228487.21
110	526114.41	2228492.92
111	526110.12	2228501.39
112	526104.78	2228509.23
113	526099.65	2228516.85
114	526093.48	2228521.07
115	526085.41	2228523.15
116	526070.57	2228524.56
117	526058.44	2228531.93
118	526050.36	2228535.93
119	526041.25	2228535.67
120	526034.28	2228530.96
121	526022.67	2228520.27
122	526007.45	2228511.27
123	525990.52	2228505.87
124	525982.05	2228503.91
125	525957.88	2228503.57
126	525939.36	2228517.29
127	525930.35	2228536.15
128	525923.48	2228552.90
129	525920.19	2228574.98
130	525924.95	2228595.82
131	525934.15	2228620.52
132	525940.05	2228629.26
133	525979.10	2228662.82
134	525988.81	2228670.52
135	526006.77	2228682.73
136	526053.21	2228721.43
137	526077.31	2228734.73
138	526106.75	2228740.62
139	526114.15	2228744.91
140	526120.26	2228753.44
141	526121.94	2228756.63
142	526137.85	2228753.74
143	526149.95	2228751.68
144	526158.64	2228753.00
145	526164.11	2228759.40
146	526169.38	2228766.87
147	526174.44	2228771.78
148	526182.48	2228775.65

149	526200.26	2228781.48
150	526211.69	2228784.72
151	526215.91	2228787.93
152	526217.79	2228794.53
153	526217.12	2228799.84
154	526211.58	2228805.76
155	526202.01	2228811.87
156	526200.51	2228814.41
157	526201.96	2228819.94
158	526202.78	2228826.75
159	526204.21	2228835.89
160	526204.17	2228843.32
161	526209.01	2228850.15
162	526214.92	2228855.28
163	526221.46	2228862.33
164	526221.85	2228869.76
165	526219.68	2228877.83
166	526217.10	2228884.61
167	526219.19	2228890.78
168	526223.21	2228892.29
169	526230.84	2228892.97
170	526235.71	2228894.06
171	526239.70	2228901.94
172	526241.79	2228907.05
173	526248.57	2228909.00
174	526255.98	2228910.31
175	526259.17	2228909.69
176	526258.35	2228903.10
177	526254.79	2228895.86
178	526255.24	2228889.91
179	526259.92	2228886.75
180	526265.85	2228887.63
181	526270.93	2228890.84
182	526274.28	2228898.51
183	526276.56	2228907.23
184	526281.87	2228907.05
185	526286.98	2228902.82
186	526294.21	2228898.83
187	526301.19	2228901.41
188	526309.64	2228908.25
189	526315.74	2228917.00
190	526318.27	2228919.77
191	526323.78	2228920.86
192	526327.40	2228917.70
193	526326.99	2228913.66
194	526325.33	2228906.64
195	526323.04	2228900.25
196	526324.55	2228894.31
197	526328.39	2228889.02
198	526339.22	2228886.95
199	526348.73	2228892.52

200	526358.22	2228901.71
201	526360.94	2228910.22
202	526364.73	2228914.92
203	526370.22	2228919.62
204	526377.84	2228921.15
205	526384.63	2228921.18
206	526390.17	2228915.69
207	526389.58	2228906.12
208	526391.09	2228902.31
209	526396.39	2228900.64
210	526400.22	2228899.38
211	526405.72	2228901.11
212	526411.63	2228907.30
213	526415.38	2228920.07
214	526418.71	2228930.71
215	526424.64	2228933.08
216	526430.55	2228937.57
217	526435.61	2228943.33
218	526441.47	2228958.45
219	526441.44	2228964.40
220	526437.76	2228977.77
221	526435.59	2228987.10
222	526431.31	2228994.30
223	526420.41	2229011.67
224	526415.05	2229022.05
225	526412.05	2229028.41
226	526412.03	2229032.02
227	526419.37	2229047.57
228	526432.05	2229055.92
229	526447.68	2229067.05
230	526449.57	2229071.95
231	526447.62	2229079.80
232	526448.20	2229090.85
233	526449.43	2229098.30
234	526452.77	2229108.30
235	526459.89	2229124.70
236	526468.55	2229131.33
237	526479.12	2229138.40
238	526482.78	2229140.21
239	526480.66	2229142.97
240	526459.04	2229128.37
241	526446.32	2229099.50
242	526445.17	2229081.02
243	526446.32	2229069.47
244	526417.45	2229049.84
245	526409.37	2229030.20
246	526419.76	2229008.26
247	526433.62	2228986.32
248	526439.40	2228962.07
249	526434.78	2228945.90
250	526425.54	2228936.66

251	526416.30	2228933.19
252	526409.37	2228907.79
253	526398.97	2228902.01
254	526392.04	2228905.48
255	526393.20	2228917.03
256	526385.12	2228925.11
257	526368.60	2228922.10
258	526358.55	2228912.41
259	526357.40	2228903.17
260	526338.92	2228889.31
261	526329.68	2228891.62
262	526326.22	2228898.55
263	526331.99	2228915.87
264	526327.78	2228924.09
265	526319.29	2228925.11
266	526304.27	2228905.48
267	526292.72	2228902.01
268	526281.18	2228911.25
269	526274.25	2228908.94
270	526270.78	2228893.93
271	526265.01	2228889.31
272	526259.20	2228889.60
273	526256.92	2228893.93
274	526259.23	2228898.55
275	526262.70	2228911.25
276	526256.92	2228913.56
277	526239.60	2228908.94
278	526233.82	2228897.39
279	526228.05	2228895.08
280	526217.66	2228893.93
281	526214.19	2228885.84
282	526219.97	2228863.90
283	526208.42	2228853.51
284	526201.49	2228844.27
285	526201.49	2228831.56
286	526196.87	2228814.24
287	526204.95	2228806.16
288	526214.19	2228800.38
289	526213.04	2228787.68
290	526189.94	2228780.75
291	526173.77	2228774.97
292	526164.53	2228765.73
293	526159.91	2228757.65
294	526149.52	2228754.19
295	526120.65	2228759.96
296	526116.03	2228751.88
297	526106.79	2228742.64
298	526076.12	2228737.80
299	526051.48	2228724.20
300	526018.76	2228696.15
301	525985.52	2228672.19

302	525950.34	2228642.61
303	525932.92	2228627.31
304	525924.00	2228603.52
305	525917.20	2228577.17
306	525922.30	2228547.00
307	525938.17	2228513.97
308	525956.65	2228500.11
309	525987.83	2228500.11
310	526013.24	2228509.35
311	526043.67	2228529.02
312	526051.09	2228528.63
313	526070.01	2228520.02
314	526089.46	2228518.59
315	526099.86	2228509.35
316	526113.72	2228483.94
317	526144.90	2228474.70
318	526178.39	2228466.62
319	526234.97	2228462.00
320	526275.39	2228452.76
321	526311.19	2228451.61
322	526329.67	2228449.30
323	526336.61	2228442.89
324	526332.36	2228434.82
325	526319.19	2228423.77
326	526315.36	2228416.97
327	526317.06	2228404.65
328	526327.36	2228390.40
329	526341.22	2228382.31
330	526369.75	2228377.03
331	526385.48	2228371.93
332	526397.37	2228365.56
333	526398.22	2228361.31
334	526395.50	2228352.29
335	526387.60	2228348.56
336	526379.53	2228340.06
337	526376.13	2228330.71
338	526378.68	2228314.14
339	526388.02	2228299.27
340	526394.82	2228294.17
341	526405.87	2228288.22
342	526414.80	2228279.29
343	526417.35	2228267.40
344	526427.54	2228248.70
345	526442.42	2228232.98
346	526454.74	2228222.35
347	526484.06	2228207.91
348	526500.21	2228203.66
349	526505.31	2228162.86
350	526522.73	2228137.79
351	526560.97	2228112.72
352	526572.45	2228106.35

353	526591.14	2228094.02
354	526618.76	2228082.13
355	526631.09	2228076.18
356	526633.21	2228062.58
357	526637.04	2228056.20
358	526651.06	2228049.41
359	526670.60	2228045.16
360	526675.56	2228042.77
361	526683.41	2228042.17
362	526691.04	2228043.06
363	526695.47	2228046.06
364	526699.49	2228048.20
365	526701.83	2228046.30
366	526703.55	2228042.27
367	526704.63	2228038.03
368	526712.28	2228035.10
369	526723.09	2228034.94
370	526726.94	2228030.07
371	526732.29	2228019.27
372	526737.67	2228005.48
373	526742.78	2228000.20
374	526767.26	2227981.84
375	526790.06	2227960.08
376	526808.88	2227930.43
377	526821.03	2227917.96
378	526837.67	2227897.86
379	526841.77	2227884.71
380	526843.75	2227870.06
381	526839.16	2227855.37
382	526826.04	2227851.69
383	526806.98	2227847.34
384	526794.43	2227837.36
385	526791.41	2227833.14
386	526796.99	2227808.38
387	526800.05	2227796.15
388	526805.40	2227775.38
389	526813.82	2227756.02
390	526821.41	2227681.69
391	526820.70	2227656.19
н.п. Чернораменье г.о.г. Бор Нижегородской области		
1	526228.95	2229650.02
2	526216.62	2229669.08
3	526212.89	2229677.44
4	526202.44	2229692.74
5	526174.31	2229721.31
6	526166.88	2229727.02
7	526149.71	2229741.52
8	526130.96	2229760.75
9	526125.44	2229767.22
10	526116.69	2229773.05
11	526108.78	2229778.04

12	526094.68	2229783.17
13	526091.64	2229786.01
14	526089.78	2229789.52
15	526088.75	2229794.88
16	526088.21	2229802.59
17	526087.98	2229816.17
18	526089.07	2229832.44
19	526090.35	2229846.03
20	526091.31	2229854.25
21	526089.42	2229865.14
22	526086.69	2229873.17
23	526085.16	2229878.19
24	526080.45	2229881.36
25	526074.58	2229880.99
26	526063.01	2229881.10
27	526052.43	2229886.25
28	526040.76	2229892.26
29	526032.90	2229901.08
30	526029.19	2229906.09
31	526021.24	2229919.63
32	526013.27	2229939.72
33	526004.85	2229958.09
34	525994.27	2229974.59
35	525987.06	2229984.86
36	525975.26	2229997.54
37	525968.71	2230004.44
38	525966.03	2230008.15
39	525949.65	2230023.07
40	525942.75	2230028.07
41	525935.19	2230032.06
42	525923.11	2230034.01
43	525913.35	2230040.34
44	525906.78	2230046.34
45	525899.20	2230052.84
46	525884.24	2230061.49
47	525870.00	2230085.19
48	525857.34	2230101.73
49	525828.71	2230137.63
50	525806.89	2230167.88
51	525804.51	2230166.32
52	525814.64	2230151.61
53	525844.34	2230112.18
54	525868.54	2230083.21
55	525876.91	2230068.08
56	525881.78	2230058.75
57	525891.87	2230053.60
58	525900.28	2230047.78
59	525911.31	2230037.85
60	525919.38	2230032.86
61	525935.83	2230028.42
62	525941.89	2230024.92

63	525961.90	2230006.32
64	525967.01	2230000.39
65	525975.15	2229990.19
66	525985.78	2229979.78
67	525993.72	2229968.59
68	526001.50	2229955.04
69	526008.61	2229941.33
70	526012.08	2229933.55
71	526015.82	2229923.84
72	526023.94	2229907.62
73	526031.87	2229897.43
74	526038.72	2229889.66
75	526048.45	2229884.54
76	526056.60	2229880.28
77	526062.82	2229878.13
78	526076.24	2229877.52
79	526079.87	2229877.78
80	526082.89	2229876.29
81	526087.03	2229863.66
82	526088.76	2229853.27
83	526086.82	2229839.01
84	526085.08	2229816.70
85	526085.74	2229801.68
86	526086.29	2229791.81
87	526087.50	2229785.61
88	526091.70	2229781.94
89	526104.81	2229776.98
90	526121.12	2229767.83
91	526126.43	2229762.41
92	526147.22	2229740.46
93	526172.63	2229719.68
94	526200.34	2229690.80
95	526226.53	2229648.96
96	526228.95	2229650.02
н.п. Куземино г.о.г. Бор Нижегородской области		
1	528411.27	2228570.72
2	528408.74	2228575.42
3	528378.71	2228566.01
4	528336.37	2228550.09
5	528298.74	2228536.70
6	528277.03	2228530.19
7	528244.10	2228524.40
8	528180.06	2228508.48
9	528075.12	2228484.96
10	528000.58	2228463.97
11	527969.83	2228455.65
12	527943.05	2228449.14
13	527926.40	2228448.78
14	527875.38	2228459.27
15	527798.31	2228479.90
16	527759.23	2228486.77

17	527733.18	2228496.54
18	527693.74	2228509.20
19	527648.15	2228539.60
20	527589.17	2228579.76
21	527518.97	2228630.78
22	527496.54	2228648.88
23	527423.81	2228703.88
24	527390.52	2228729.20
25	527384.37	2228723.05
26	527407.16	2228707.86
27	527434.30	2228685.06
28	527473.74	2228660.09
29	527514.27	2228628.97
30	527538.87	2228610.52
31	527572.16	2228584.83
32	527598.58	2228567.10
33	527632.95	2228545.03
34	527660.45	2228525.13
35	527679.63	2228510.65
36	527702.06	2228498.71
37	527737.88	2228488.94
38	527766.83	2228479.90
39	527792.52	2228475.19
40	527829.07	2228465.06
41	527881.90	2228452.03
42	527916.63	2228444.07
43	527940.88	2228444.43
44	527955.71	2228446.24
45	527972.72	2228452.03
46	528019.40	2228463.25
47	528062.82	2228476.64
48	528095.75	2228483.51
49	528139.89	2228494.01
50	528174.27	2228502.69
51	528219.50	2228513.55
52	528265.09	2228525.13
53	528291.86	2228530.55
54	528324.07	2228539.24
55	528360.61	2228554.07
н.п. Синцово, Петрово, Ульяниха г.о.г. Бор Нижегородской области		
1	527108.71	2229354.69
2	527073.74	2229424.55
3	527059.51	2229516.55
4	527056.22	2229548.32
5	527061.70	2229575.70
6	527057.32	2229599.79
7	527060.60	2229618.41
8	527060.60	2229637.02
9	527065.37	2229649.63
10	527068.27	2229665.50
11	527065.80	2229679.59

12	527064.01	2229686.15
13	527059.83	2229702.78
14	527031.12	2229753.22
15	526999.98	2229783.10
16	526981.45	2229802.94
17	526974.91	2229818.15
18	526956.95	2229837.77
19	526936.42	2229850.14
20	526921.29	2229858.54
21	526908.31	2229866.79
22	526883.90	2229884.68
23	526855.03	2229901.48
24	526843.15	2229906.96
25	526830.36	2229908.60
26	526815.53	2229919.30
27	526801.03	2229923.85
28	526785.30	2229930.24
29	526767.39	2229941.24
30	526752.57	2229949.17
31	526726.35	2229957.36
32	526708.81	2229955.74
33	526693.43	2229951.97
34	526673.53	2229959.42
35	526659.32	2229970.43
36	526635.86	2229981.40
37	526620.47	2229981.02
38	526604.47	2229977.25
39	526594.44	2229982.59
40	526553.78	2229986.09
41	526543.09	2229998.27
42	526535.01	2230008.92
43	526521.11	2230016.65
44	526481.78	2230026.95
45	526456.71	2230030.21
46	526428.55	2230032.62
47	526409.73	2230030.54
48	526382.75	2230028.76
49	526349.03	2230029.37
50	526324.54	2230030.94
51	526314.68	2230033.20
52	526293.58	2230033.72
53	526272.50	2230031.61
54	526246.63	2230031.64
55	526222.93	2230031.22
56	526207.23	2230029.91
57	526187.83	2230029.21
58	526149.39	2230019.48
59	526130.31	2230017.23
60	526122.92	2230017.19
61	526118.60	2230019.02
62	526111.81	2230021.45

63	526101.65	2230021.40
64	526082.28	2230015.15
65	526053.09	2230004.03
66	526019.26	2230001.45
67	525988.69	2230008.32
68	525966.03	2230008.15
69	525968.71	2230004.44
70	525987.83	2230005.06
71	526018.92	2229997.50
72	526044.67	2229999.22
73	526059.96	2230002.65
74	526088.76	2230012.41
75	526101.98	2230017.09
76	526110.29	2230017.44
77	526123.70	2230012.72
78	526164.79	2230018.93
79	526185.39	2230024.27
80	526213.71	2230026.56
81	526250.96	2230028.28
82	526283.60	2230028.74
83	526311.00	2230028.57
84	526326.10	2230026.79
85	526340.28	2230024.71
86	526360.91	2230023.88
87	526388.31	2230024.32
88	526401.55	2230025.31
89	526414.64	2230027.29
90	526427.52	2230027.98
91	526438.85	2230027.46
92	526462.21	2230025.92
93	526494.83	2230019.22
94	526520.42	2230011.84
95	526535.87	2230001.19
96	526544.12	2229988.48
97	526553.56	2229980.59
98	526574.52	2229978.72
99	526591.47	2229975.72
100	526605.34	2229972.40
101	526621.66	2229973.71
102	526630.58	2229975.91
103	526639.52	2229973.80
104	526659.28	2229963.12
105	526676.89	2229950.58
106	526692.92	2229946.35
107	526705.54	2229947.95
108	526717.85	2229949.24
109	526724.92	2229951.12
110	526736.95	2229948.10
111	526752.98	2229943.56
112	526769.04	2229933.47
113	526782.63	2229923.99

114	526803.29	2229917.93
115	526816.88	2229910.92
116	526825.84	2229904.80
117	526834.17	2229900.53
118	526846.18	2229900.28
119	526862.86	2229890.82
120	526881.69	2229879.21
121	526899.31	2229866.05
122	526924.33	2229850.47
123	526953.35	2229833.67
124	526969.76	2229816.20
125	526976.61	2229799.61
126	527000.47	2229778.19
127	527030.42	2229747.74
128	527049.57	2229711.40
129	527054.42	2229701.20
130	527059.88	2229686.36
131	527061.25	2229679.58
132	527063.80	2229663.81
133	527063.32	2229657.88
134	527057.43	2229641.18
135	527057.43	2229621.54
136	527054.48	2229599.94
137	527058.90	2229575.88
138	527053.01	2229548.87
139	527067.74	2229445.75
140	527069.92	2229428.00
141	527105.64	2229352.52

р. Шехонка
Система координат – МСК 52

Номер и координаты характерных точек береговой линии (границы водного объекта)		
№ точки на картографическом материале	X, м	Y, м
н.п. Апраксино г.о. г. Бор Нижегородской области		
1	537329.18	2237790.15
2	537340.64	2237801.95
3	537418.22	2237862.77
4	537508.37	2237934.90
5	537508.60	2237935.11
6	537557.43	2237980.86
7	537579.41	2238001.35
8	537641.82	2238056.96
9	537707.20	2238107.12
10	537327.24	2237792.41
11	537338.75	2237804.28
12	537416.46	2237865.19
13	537453.52	2237894.85
14	537506.55	2237937.27
15	537577.23	2238003.40
16	537577.47	2238003.61
17	537640.06	2238059.38
18	537705.35	2238109.51
н.п. Большое Уткино г.о. г. Бор Нижегородской области		
1	539753.70	2239834.93
2	539788.99	2239816.96
3	539803.63	2239813.88
4	539814.86	2239813.88
5	539933.34	2239833.26
6	540241.50	2239891.79
7	540258.46	2239893.40
8	540258.77	2239893.43
9	540322.32	2239915.34
10	539754.69	2239838.24
11	539789.77	2239819.87
12	539808.59	2239816.25
13	539932.72	2239836.20
14	540240.91	2239894.73
15	540258.14	2239896.37
16	540320.38	2239917.64
н.п. Апраксино г.о. г. Бор Нижегородской области		
1	533666.87	2236330.07
2	533678.48	2236328.63
3	533680.84	2236326.20
4	533680.84	2236310.94
5	533680.84	2236310.62
6	533680.90	2236310.32

7	533681.03	2236310.03
8	533681.22	2236309.78
9	533682.78	2236308.18
10	533683.01	2236307.97
11	533683.28	2236307.81
12	533683.58	2236307.71
13	533697.56	2236304.51
14	533697.87	2236304.48
15	533698.18	2236304.51
16	533740.15	2236317.33
17	533740.45	2236317.43
18	533766.87	2236330.25
19	533767.14	2236330.41
20	533767.38	2236330.62
21	533793.71	2236365.76
22	533811.75	2236376.61
23	533823.68	2236376.61
24	533845.22	2236373.43
25	533845.53	2236373.40
26	533845.84	2236373.43
27	533846.14	2236373.53
28	533874.12	2236389.56
29	533874.39	2236389.72
30	533874.63	2236389.93
31	533891.53	2236405.77
32	533914.38	2236421.49
33	533937.24	2236421.49
34	533937.55	2236421.52
35	533937.85	2236421.62
36	533938.12	2236421.78
37	533967.53	2236440.92
38	533973.60	2236444.05
39	533979.15	2236446.91
40	533989.98	2236440.21
41	534001.64	2236432.99
42	534001.91	2236432.83
43	534002.21	2236432.73
44	534002.52	2236432.70
45	534018.07	2236432.70
46	534034.98	2236432.70
47	534036.45	2236432.32
48	534046.17	2236429.82
49	534046.87	2236429.64
50	534054.24	2236422.80
51	534062.03	2236415.57
52	534062.26	2236415.36
53	534062.53	2236415.20
54	534074.75	2236408.91
55	534094.90	2236391.32
56	534116.66	2236378.49
57	534116.93	2236378.33

58	534137.14	2236367.11
59	534137.44	2236367.01
60	534137.75	2236366.98
61	534138.06	2236367.01
62	534153.60	2236371.82
63	534153.90	2236371.92
64	534154.17	2236372.08
65	534154.40	2236372.29
66	534154.59	2236372.54
67	534163.92	2236393.38
68	534190.26	2236439.72
69	534229.02	2236481.29
70	534266.09	2236514.74
71	534308.05	2236546.80
72	534308.29	2236547.01
73	534334.12	2236570.52
74	534355.09	2236568.97
75	534379.91	2236562.57
76	534380.22	2236562.54
77	534380.53	2236562.57
78	534380.83	2236562.67
79	534404.15	2236573.89
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81	534421.51	2236586.87
82	534421.75	2236587.08
83	534443.51	2236609.53
84	534443.69	2236609.78
85	534443.82	2236610.07
86	534453.08	2236638.69
87	534474.44	2236667.03
88	534491.19	2236674.87
89	534491.46	2236675.03
90	534503.89	2236683.05
91	534504.13	2236683.26
92	534521.22	2236705.70
93	534521.41	2236705.95
94	534521.54	2236706.24
95	534543.30	2236762.34
96	534556.33	2236793.70
97	534561.95	2236807.22
98	534566.61	2236824.84
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100	534571.34	2236842.78
101	534571.34	2236843.10
102	534571.28	2236843.40
103	534565.12	2236865.62
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106	534596.88	2236894.47
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108	534597.39	2236894.84

109	534597.57	2236895.09
110	534597.70	2236895.38
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114	534608.58	2236965.90
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117	533666.80	2236333.16
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124	533683.82	2236311.40
125	533684.65	2236310.54
126	533697.82	2236307.53
127	533739.26	2236320.19
128	533765.29	2236332.82
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132	533810.73	2236379.48
133	533811.03	2236379.58
134	533811.34	2236379.61
135	533823.77	2236379.61
136	533824.08	2236379.58
137	533845.24	2236376.46
138	533872.61	2236392.13
139	533889.50	2236407.96
140	533889.73	2236408.17
141	533913.04	2236424.20
142	533913.31	2236424.36
143	533913.61	2236424.46
144	533913.92	2236424.49
145	533936.80	2236424.49
146	533965.89	2236443.43
147	533966.16	2236443.59
148	533972.38	2236446.79
149	533978.60	2236450.00
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151	533979.21	2236450.13
152	533979.52	2236450.10
153	533979.82	2236450.00
154	533980.09	2236449.84
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158	534035.16	2236435.70
159	534035.47	2236435.67

160	534037.07	2236435.26
161	534046.79	2236432.76
162	534047.91	2236432.47
163	534048.21	2236432.37
164	534048.48	2236432.21
165	534048.71	2236432.00
166	534056.47	2236424.80
167	534064.00	2236417.81
168	534076.19	2236411.53
169	534076.46	2236411.37
170	534096.66	2236393.74
171	534118.25	2236381.02
172	534137.92	2236370.10
173	534152.20	2236374.52
174	534161.32	2236394.88
175	534187.74	2236441.36
176	534187.92	2236441.61
177	534226.79	2236483.29
178	534264.09	2236516.95
179	534264.32	2236517.16
180	534306.27	2236549.21
181	534332.47	2236573.06
182	534332.71	2236573.27
183	534332.98	2236573.43
184	534333.28	2236573.53
185	534333.59	2236573.56
186	534355.35	2236571.95
187	534355.66	2236571.92
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192	534450.29	2236639.84
193	534450.42	2236640.13
194	534450.61	2236640.38
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197	534472.87	2236669.60
198	534489.87	2236677.56
199	534501.98	2236685.38
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202	534553.47	2236794.62
203	534559.09	2236808.14
204	534563.75	2236825.76
205	534568.30	2236842.93
206	534562.20	2236864.93
207	534562.14	2236865.23
208	534562.14	2236865.55
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210	534562.14	2236876.77

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213	534562.51	2236877.61
214	534562.75	2236877.82
215	534578.29	2236889.04
216	534578.56	2236889.20
217	534595.00	2236896.90
218	534601.00	2236920.09
219	534601.00	2236951.78
220	534601.00	2236952.10
221	534601.07	2236952.40
222	534605.72	2236966.82
223	534610.38	2236981.25
224	534624.57	2237000.88

р. Кудьма

Система координат – МСК 52

Номер и координаты характерных точек береговой линии (границы водного объекта)		
№ точки на картографическом материале	X, м	Y, м
н.п. Ключищи Богородского муниципального района Нижегородской области		
1	476233.69	2186484.51
2	476234.67	2186484.29
3	476236.28	2186480.70
4	476231.43	2186477.86
5	476228.69	2186475.39
6	476228.42	2186471.55
7	476230.06	2186469.63
8	476234.45	2186468.26
9	476237.19	2186470.71
10	476239.39	2186470.99
11	476244.40	2186467.33
12	476246.46	2186467.33
13	476249.42	2186465.85
14	476266.77	2186465.27
15	476267.08	2186465.32
16	476297.28	2186474.81
17	476297.58	2186474.91
18	476316.60	2186482.18
19	476316.87	2186482.34
20	476331.97	2186491.84
21	476332.21	2186492.06
22	476348.81	2186508.10
23	476360.89	2186516.33
24	476383.15	2186525.79
25	476383.42	2186525.94
26	476397.41	2186534.88
27	476397.65	2186535.10
28	476406.59	2186545.72
29	476406.77	2186545.97
30	476406.90	2186546.26
31	476409.61	2186556.55
32	476428.76	2186574.05
33	476440.47	2186583.52
34	476440.71	2186583.74
35	476440.89	2186583.99
36	476458.78	2186619.75
37	476465.04	2186628.18
38	476471.41	2186636.77
39	476487.73	2186648.93
40	476503.73	2186661.07
41	476514.44	2186663.74
42	476519.31	2186663.74

43	476526.24	2186657.88
44	476526.51	2186657.72
45	476544.41	2186648.78
46	476544.71	2186648.68
47	476545.02	2186648.65
48	476545.33	2186648.68
49	476545.63	2186648.78
50	476561.85	2186654.93
51	476569.53	2186664.68
52	476579.63	2186671.05
53	476585.02	2186671.55
54	476594.58	2186667.30
55	476614.61	2186651.72
56	476626.42	2186652.59
57	476645.44	2186658.19
58	476675.51	2186673.30
59	476687.96	2186675.05
60	476696.62	2186678.01
61	476707.25	2186685.28
62	476713.82	2186693.00
63	476715.85	2186697.57
64	476724.32	2186700.21
65	476732.47	2186704.76
66	476730.04	2186715.20
67	476716.56	2186728.18
68	476713.99	2186733.83
69	476712.89	2186745.34
70	476706.68	2186762.42
71	476705.10	2186768.73
72	476706.06	2186774.50
73	476710.94	2186777.91
74	476716.75	2186779.50
75	476726.81	2186780.81
76	476734.09	2186783.05
77	476734.66	2186783.30
78	476735.08	2186783.77
79	476735.27	2186784.36
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81	476745.70	2186821.22
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83	476760.59	2186840.68
84	476767.64	2186842.31
85	476768.21	2186842.57
86	476768.63	2186843.02
87	476770.50	2186847.53
88	476770.50	2186853.13
89	476770.44	2186853.75
90	476770.13	2186854.28
91	476762.91	2186859.69
92	476757.82	2186862.04
93	476751.11	2186861.48

94	476750.50	2186861.36
95	476741.09	2186855.83
96	476727.04	2186853.13
97	476721.15	2186854.11
98	476716.45	2186859.83
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103	476744.60	2186896.76
104	476765.08	2186901.41
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106	476787.80	2186900.79
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109	476807.47	2186909.67
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116	476854.28	2186931.11
117	476854.59	2186931.06
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122	476869.43	2186936.44
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126	476874.42	2186946.07
127	476874.48	2186946.38
128	476874.48	2186946.69
129	476873.26	2186960.11
130	476875.39	2186963.44
131	476877.47	2186966.71
132	476877.60	2186966.99
133	476881.88	2186977.39
134	476887.01	2186982.52
135	476892.18	2186983.04
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137	476898.34	2186974.94
138	476906.28	2186962.90
139	476906.47	2186962.65
140	476912.81	2186956.93
141	476913.04	2186956.73
142	476913.31	2186956.58
143	476921.56	2186952.76
144	476921.86	2186952.67

145	476922.17	2186952.64
146	476928.90	2186952.11
147	476929.21	2186952.16
148	476929.51	2186952.25
149	476947.25	2186961.51
150	476957.95	2186960.90
151	476976.13	2186952.13
152	476985.62	2186946.80
153	476989.90	2186931.53
154	476993.66	2186912.76
155	476993.73	2186912.45
156	476993.85	2186912.15
157	476994.04	2186911.91
158	477002.92	2186903.02
159	477003.15	2186902.82
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161	477011.03	2186896.95
162	477011.33	2186896.85
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164	477019.26	2186894.92
165	477019.57	2186894.95
166	477019.87	2186895.06
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168	477025.85	2186899.65
169	477026.09	2186899.86
170	477026.27	2186900.11
171	477026.40	2186900.39
172	477026.46	2186900.70
173	477028.26	2186909.67
174	477032.04	2186914.00
175	477048.45	2186915.22
176	477060.50	2186915.84
177	477060.81	2186915.89
178	477061.11	2186915.98
179	477067.46	2186919.14
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182	477075.34	2186926.27
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184	477093.50	2186933.57
185	477110.32	2186929.84
186	477110.63	2186929.79
187	477110.94	2186929.84
188	477111.24	2186929.93
189	477129.26	2186936.26
190	477138.00	2186939.05
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192	477156.94	2186944.42
193	477157.24	2186944.52
194	477157.51	2186944.67
195	477165.05	2186949.71

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201	477217.76	2186950.50
202	477217.89	2186950.22
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205	477229.10	2186934.52
206	477229.37	2186934.37
207	477245.63	2186927.50
208	477261.87	2186911.27
209	477262.10	2186911.07
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213	477276.30	2186905.07
214	477297.88	2186904.43
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220	477371.09	2186919.30
221	477379.34	2186924.38
222	477379.58	2186924.60
223	477379.76	2186924.85
224	477379.89	2186925.14
225	477381.80	2186932.10
226	477381.86	2186932.41
227	477384.99	2186954.30
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240	477427.00	2186967.23
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245	477507.90	2186971.07
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253	477590.05	2187001.60
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263	477657.59	2187052.41
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265	477642.92	2187051.03
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268	477634.67	2187042.06
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273	477605.69	2187017.51
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280	477518.13	2186983.27
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285	477427.17	2186970.23
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287	477413.04	2186973.39
288	477402.39	2186974.46
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290	477401.78	2186974.34
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292	477401.70	2186974.34
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297	477400.04	2186974.63

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337	477128.10	2186939.02
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356	477025.57	2186911.12
357	477025.45	2186910.84
358	477025.38	2186910.53
359	477023.62	2186901.71
360	477018.92	2186898.05
361	477012.30	2186899.71
362	477005.01	2186905.18
363	476996.53	2186913.66
364	476992.83	2186932.10
365	476992.77	2186932.40
366	476988.33	2186948.25
367	476988.20	2186948.53
368	476988.02	2186948.80
369	476987.78	2186949.00
370	476987.51	2186949.17
371	476977.35	2186954.87
372	476958.95	2186963.75
373	476958.65	2186963.85
374	476958.34	2186963.88
375	476946.92	2186964.51
376	476946.61	2186964.48
377	476946.31	2186964.39
378	476928.59	2186955.15
379	476922.57	2186955.62
380	476914.73	2186959.21
381	476908.74	2186964.62
382	476900.94	2186976.45
383	476897.77	2186982.17
384	476897.59	2186982.42
385	476897.35	2186982.62
386	476893.54	2186985.79
387	476893.27	2186985.95
388	476892.97	2186986.04
389	476892.66	2186986.07
390	476886.32	2186985.45
391	476886.01	2186985.42
392	476885.71	2186985.31
393	476885.44	2186985.16
394	476885.21	2186984.96
395	476879.50	2186979.24
396	476879.31	2186978.99
397	476879.18	2186978.71
398	476874.84	2186968.17
399	476872.79	2186964.95

400	476870.42	2186961.23
401	476870.30	2186960.95
402	476870.23	2186960.64
403	476870.23	2186960.33
404	476871.46	2186946.81
405	476867.34	2186938.58
406	476862.88	2186934.66
407	476854.70	2186934.07
408	476845.38	2186935.95
409	476845.07	2186935.98
410	476834.29	2186935.98
411	476833.98	2186935.95
412	476833.68	2186935.85
413	476827.70	2186932.52
414	476815.04	2186920.37
415	476796.37	2186905.29
416	476787.66	2186903.78
417	476775.43	2186903.47
418	476764.65	2186904.40
419	476743.71	2186899.63
420	476726.21	2186888.44
421	476720.61	2186890.93
422	476706.97	2186891.88
423	476700.63	2186893.15
424	476688.58	2186900.45
425	476681.92	2186906.79
426	476671.14	2186908.06
427	476663.84	2186912.80
428	476653.38	2186917.25
429	476646.40	2186934.71
430	476641.96	2186939.14
431	476634.98	2186936.92
432	476631.81	2186934.06
433	476627.69	2186925.82
434	476622.93	2186920.74
435	476607.08	2186924.55
436	476601.05	2186924.86
437	476594.71	2186919.16
438	476593.44	2186911.22
439	476609.30	2186878.87
440	476619.57	2186852.90
441	476624.98	2186845.24
442	476631.81	2186846.22
443	476643.55	2186850.01
444	476647.67	2186837.03
445	476648.94	2186803.41
446	476646.72	2186796.10
447	476645.45	2186783.12
448	476636.89	2186778.67
449	476628.96	2186777.72
450	476623.25	2186770.42

451	476620.39	2186759.96
452	476615.32	2186748.23
453	476627.37	2186746.32
454	476634.98	2186743.47
455	476647.67	2186744.10
456	476651.47	2186753.60
457	476658.77	2186759.00
458	476667.01	2186773.27
459	476674.62	2186780.57
460	476696.51	2186798.34
461	476703.48	2186813.23
462	476709.51	2186822.75
463	476706.65	2186827.51
464	476697.14	2186833.54
465	476685.09	2186851.94
466	476692.39	2186859.42
467	476706.37	2186856.63
468	476713.33	2186858.97
469	476719.74	2186851.35
470	476727.06	2186850.11
471	476742.22	2186853.04
472	476751.57	2186858.52
473	476757.52	2186859.02
474	476761.51	2186857.04
475	476767.52	2186852.53
476	476767.52	2186848.00
477	476766.26	2186845.07
478	476759.75	2186843.57
479	476750.50	2186838.44
480	476750.00	2186838.08
481	476749.69	2186837.54
482	476743.16	2186822.84
483	476731.55	2186811.23
484	476731.23	2186810.69
485	476732.24	2186785.61
486	476726.19	2186783.75
487	476716.13	2186782.43
488	476709.68	2186780.67
489	476703.20	2186775.54
490	476702.08	2186768.52
491	476703.83	2186761.49
492	476709.93	2186744.86
493	476711.10	2186732.99
494	476714.02	2186726.56
495	476727.39	2186713.66
496	476729.24	2186705.79
497	476723.13	2186702.97
498	476714.15	2186700.16
499	476713.33	2186699.25
500	476711.26	2186694.58
501	476705.36	2186687.62

502	476695.05	2186680.57
503	476687.03	2186677.89
504	476674.44	2186676.12
505	476644.56	2186661.04
506	476625.80	2186655.52
507	476615.94	2186654.48
508	476596.23	2186669.81
509	476585.89	2186674.45
510	476579.13	2186674.01
511	476578.25	2186673.72
512	476567.63	2186667.01
513	476560.32	2186657.55
514	476545.11	2186651.78
515	476527.94	2186660.36
516	476519.85	2186666.74
517	476514.26	2186666.74
518	476502.76	2186663.92
519	476469.47	2186639.06
520	476469.24	2186638.86
521	476462.81	2186630.18
522	476456.38	2186621.53
523	476456.19	2186621.27
524	476438.40	2186585.71
525	476426.97	2186576.45
526	476426.74	2186576.24
527	476407.16	2186558.35
528	476406.97	2186558.10
529	476406.85	2186557.81
530	476404.11	2186547.42
531	476395.53	2186537.24
532	476381.85	2186528.50
533	476359.56	2186519.03
534	476359.29	2186518.86
535	476346.99	2186510.49
536	476346.76	2186510.27
537	476330.17	2186494.24
538	476315.32	2186484.90
539	476296.41	2186477.67
540	476266.58	2186468.28
541	476247.96	2186469.29
542	476238.52	2186482.04
543	476236.33	2186486.90
544	476233.69	2186487.53
н.п. Кубаево, н.п. Еловицы, н.п. Ионовка Богородского муниципального района		
1	487796.67	2185799.10
2	487807.56	2185804.71
3	487814.82	2185814.06
4	487820.87	2185830.28
5	487837.20	2185845.87
6	487863.22	2185868.94
7	487876.72	2185879.54

8	487886.40	2185882.04
9	487894.86	2185879.54
10	487896.08	2185871.43
11	487894.86	2185862.08
12	487900.92	2185852.73
13	487907.57	2185845.87
14	487920.28	2185841.50
15	487929.35	2185844.00
16	487936.61	2185847.11
17	487942.06	2185854.60
18	487945.68	2185861.46
19	487949.92	2185863.33
20	487954.76	2185862.70
21	487967.46	2185850.23
22	487976.54	2185848.98
23	487983.80	2185848.98
24	487992.27	2185851.48
25	487998.92	2185848.98
26	488007.40	2185844.00
27	488027.36	2185840.25
28	488041.28	2185841.50
29	488060.03	2185847.11
30	488070.92	2185850.86
31	488076.97	2185857.09
32	488099.90	2185867.14
33	488106.97	2185854.37
34	488114.05	2185851.64
35	488124.66	2185855.28
36	488191.86	2185909.08
37	488233.09	2185911.62
38	488250.22	2185915.47
39	488256.41	2185910.91
40	488261.71	2185902.70
41	488269.67	2185899.96
42	488277.63	2185905.44
43	488300.62	2185943.73
44	488313.88	2185947.38
45	488328.03	2185953.76
46	488333.33	2185960.15
47	488333.33	2185969.27
48	488331.57	2185972.00
49	488325.38	2185976.56
50	488313.88	2185977.47
51	488310.34	2185981.12
52	488305.92	2185985.68
53	488295.31	2185990.24
54	488285.59	2185991.15
55	488282.05	2185991.15
56	488276.74	2185992.97
57	488270.55	2186003.92
58	488269.67	2186012.12

59	488274.09	2186025.80
60	488284.76	2186042.68
61	487795.20	2185804.39
62	487806.93	2185808.46
63	487810.78	2185818.38
64	487813.34	2185830.95
65	487821.76	2185840.94
66	487837.83	2185854.51
67	487874.90	2185883.18
68	487883.87	2185885.16
69	487893.49	2185884.50
70	487905.67	2185885.16
71	487906.31	2185879.87
72	487903.11	2185877.23
73	487902.47	2185864.67
74	487905.03	2185858.72
75	487911.70	2185854.16
76	487917.85	2185850.78
77	487927.47	2185848.80
78	487933.88	2185852.10
79	487940.29	2185863.34
80	487939.65	2185871.28
81	487943.50	2185874.58
82	487947.99	2185873.26
83	487956.32	2185872.60
84	487964.02	2185869.96
85	487968.51	2185860.70
86	487971.07	2185857.39
87	487981.33	2185855.41
88	487991.87	2185857.62
89	487998.00	2185858.05
90	488008.90	2185852.10
91	488027.49	2185848.14
92	488041.60	2185848.80
93	488052.50	2185850.78
94	488069.17	2185858.05
95	488076.22	2185863.34
96	488087.12	2185869.30
97	488092.25	2185873.26
98	488099.30	2185875.91
99	488109.73	2185866.36
100	488117.90	2185862.02
101	488153.16	2185889.14
102	488168.55	2185903.02
103	488185.22	2185911.62
104	488194.84	2185918.89
105	488229.46	2185918.23
106	488232.66	2185920.88
107	488248.69	2185920.88
108	488261.52	2185917.57
109	488264.08	2185913.60

110	488270.49	2185912.94
111	488284.60	2185934.76
112	488289.73	2185947.32
113	488298.71	2185953.94
114	488314.09	2185953.27
115	488316.66	2185956.58
116	488318.58	2185963.19
117	488317.94	2185967.82
118	488310.25	2185969.80
119	488296.78	2185979.06
120	488270.49	2185990.30
121	488263.44	2185996.91
122	488258.31	2186006.83
123	488262.21	2186018.83
124	488266.58	2186027.57
125	488278.81	2186048.63
126	488912.90	2186170.34
127	488926.43	2186176.82
128	488958.49	2186181.44
129	488988.80	2186182.10
130	489004.83	2186188.05
131	489024.70	2186201.93
132	489039.45	2186221.10
133	489050.99	2186225.72
134	489052.27	2186247.53
135	489065.10	2186264.72
136	489084.33	2186276.61
137	489110.07	2186286.83
138	489126.01	2186295.78
139	489143.97	2186314.95
140	489149.74	2186315.61
141	489149.74	2186309.66
142	489153.58	2186302.39
143	489158.71	2186299.75
144	489159.36	2186308.34
145	489164.49	2186335.43
146	489168.33	2186350.64
147	489179.23	2186363.85
148	489188.85	2186373.11
149	489201.67	2186382.36
150	489210.01	2186394.92
151	489218.77	2186418.62
152	489220.07	2186424.27
153	489224.56	2186428.89
154	489220.07	2186443.43
155	489219.43	2186473.17
156	489223.27	2186488.37
157	489228.40	2186498.95
158	489235.80	2186510.57
159	489247.64	2186554.46
160	489250.85	2186562.40

161	489249.56	2186575.61
162	489253.41	2186583.54
163	489255.33	2186588.17
164	488909.60	2186176.95
165	488914.86	2186179.41
166	488947.11	2186187.24
167	488982.83	2186189.99
168	488995.65	2186195.28
169	489013.60	2186208.50
170	489025.78	2186221.06
171	489034.12	2186230.98
172	489036.60	2186235.82
173	489039.25	2186242.88
174	489041.70	2186254.81
175	489046.83	2186264.06
176	489053.88	2186268.03
177	489070.55	2186280.59
178	489076.96	2186281.91
179	489085.93	2186281.91
180	489112.21	2186293.81
181	489125.67	2186309.01
182	489137.21	2186319.59
183	489146.40	2186329.75
184	489151.31	2186334.79
185	489160.93	2186350.65
186	489167.34	2186363.87
187	489189.77	2186385.69
188	489203.23	2186400.23
189	489206.69	2186410.15
190	489209.00	2186421.38
191	489209.90	2186430.29
192	489210.92	2186437.24
193	489209.00	2186470.96
194	489209.64	2186483.51
195	489212.85	2186489.46
196	489225.03	2186518.55
197	489232.72	2186531.11
198	489237.21	2186558.21
199	489241.69	2186572.09
200	489246.18	2186590.60
201	489359.81	2187671.61
202	489379.28	2187693.22
203	489408.74	2187703.00
204	489412.75	2187705.70
205	489430.64	2187727.96
206	489461.43	2187766.28
207	489466.74	2187813.25
208	489482.41	2187867.36
209	489498.56	2187904.57
210	489514.48	2187926.19
211	489550.77	2187942.10

212	489600.34	2187911.03
213	489633.17	2187906.54
214	489637.86	2187906.01
215	489676.20	2187933.40
216	489798.08	2187977.64
217	489800.69	2187965.08
218	489804.54	2187956.83
219	489821.07	2187968.21
220	489824.13	2187973.91
221	489814.30	2187971.59
222	489812.19	2187985.08
223	489843.07	2188009.20
224	489862.96	2188022.10
225	489955.69	2188044.91
226	489349.60	2187672.48
227	489364.45	2187702.03
228	489403.03	2187715.47
229	489449.08	2187769.14
230	489453.66	2187835.75
231	489483.75	2187909.00
232	489506.80	2187936.03
233	489548.03	2187957.88
234	489558.64	2187955.65
235	489614.91	2187921.09
236	489636.37	2187923.09
237	489672.42	2187946.95
238	489719.19	2187960.12
239	489785.59	2187987.15
240	489803.43	2188004.57
241	489859.25	2188039.35
242	489951.72	2188052.85
н.п. Лакша Богородского муниципального района Нижегородской области		
1	497524.93	2192608.58
2	497566.30	2192599.69
3	497628.90	2192618.16
4	497672.78	2192615.41
5	497719.05	2192603.93
6	497738.00	2192596.19
7	497762.81	2192576.88
8	497773.93	2192560.16
9	497781.76	2192541.19
10	497783.26	2192521.76
11	497778.89	2192510.53
12	497790.12	2192504.16
13	497804.34	2192500.30
14	497811.08	2192502.04
15	497819.32	2192513.77
16	497842.36	2192513.90
17	497869.18	2192509.90
18	497910.83	2192515.89
19	497932.53	2192520.26

20	497948.30	2192529.19
21	497954.35	2192532.62
22	497969.66	2192546.76
23	497983.27	2192562.98
24	498002.73	2192583.16
25	498020.81	2192600.86
26	498033.13	2192607.10
27	498072.79	2192619.21
28	498145.08	2192626.57
29	498191.36	2192629.57
30	498215.04	2192633.91
31	498233.15	2192644.15
32	498246.59	2192652.36
33	498256.89	2192655.12
34	498271.09	2192658.32
35	498342.85	2192653.99
36	498348.03	2192654.64
37	498373.12	2192664.59
38	498389.49	2192672.80
39	498417.71	2192686.55
40	498451.71	2192701.33
41	498469.39	2192708.90
42	498504.60	2192732.63
43	498519.52	2192746.68
44	498534.81	2192769.33
45	498546.49	2192790.73
46	498589.19	2192841.17
47	498600.04	2192852.26
48	498615.75	2192864.90
49	498626.40	2192883.82
50	498625.32	2192902.17
51	498617.32	2192907.14
52	498612.78	2192916.38
53	498614.07	2192930.00
54	498617.53	2192933.89
55	498600.67	2192994.75
56	498609.97	2193013.56
57	498616.56	2193035.76
58	498632.09	2193050.40
59	498652.09	2193057.61
60	498671.30	2193053.50
61	498682.52	2193042.88
62	498694.60	2193013.73
63	498741.48	2193000.97
64	498775.84	2193008.25
65	498822.46	2193022.80
66	498832.19	2193031.67
67	498838.03	2193042.26
68	498844.51	2193066.47
69	498850.74	2193107.90
70	498855.07	2193123.03

71	498861.12	2193149.57
72	498871.47	2193178.44
73	498881.41	2193190.76
74	498880.98	2193214.32
75	498876.01	2193233.56
76	498853.30	2193262.47
77	498852.22	2193275.23
78	498858.71	2193287.26
79	498897.85	2193303.04
80	498919.60	2193322.12
81	498933.90	2193338.67
82	498953.99	2193343.84
83	498975.99	2193347.09
84	499007.50	2193358.25
85	499068.90	2193389.76
86	499128.57	2193406.62
87	497519.56	2192620.43
88	497536.12	2192619.56
89	497554.45	2192617.63
90	497565.01	2192621.10
91	497584.60	2192623.69
92	497607.39	2192629.20
93	497641.64	2192632.58
94	497660.94	2192630.65
95	497665.28	2192628.24
96	497698.09	2192623.42
97	497698.40	2192628.72
98	497723.96	2192625.35
99	497728.78	2192619.56
100	497736.98	2192617.63
101	497750.48	2192604.13
102	497762.05	2192602.68
103	497768.32	2192591.11
104	497775.55	2192585.81
105	497802.07	2192547.72
106	497822.86	2192535.25
107	497839.20	2192533.25
108	497855.84	2192528.75
109	497879.97	2192526.26
110	497906.24	2192529.54
111	497929.22	2192537.74
112	497953.02	2192550.05
113	497971.90	2192567.28
114	497982.57	2192584.51
115	498013.01	2192613.03
116	498037.25	2192623.06
117	498082.40	2192632.91
118	498140.34	2192638.96
119	498187.23	2192641.11
120	498220.88	2192662.44
121	498256.18	2192679.67

122	498272.29	2192675.84
123	498282.44	2192678.03
124	498289.01	2192671.46
125	498300.50	2192671.46
126	498319.38	2192665.72
127	498341.54	2192665.72
128	498349.75	2192678.03
129	498376.52	2192688.53
130	498402.79	2192693.45
131	498432.34	2192706.57
132	498511.96	2192757.44
133	498526.74	2192785.33
134	498564.49	2192831.93
135	498580.91	2192857.36
136	498592.40	2192882.79
137	498598.11	2192902.82
138	498594.86	2192962.36
139	498586.66	2192993.54
140	498612.69	2193081.15
141	498625.82	2193083.61
142	498639.77	2193075.41
143	498686.56	2193064.74
144	498693.95	2193053.26
145	498698.05	2193041.77
146	498723.18	2193019.62
147	498746.16	2193016.34
148	498769.15	2193022.09
149	498797.88	2193033.57
150	498819.22	2193045.88
151	498832.35	2193066.38
152	498831.53	2193091.65
153	498838.10	2193117.90
154	498840.56	2193140.87
155	498852.87	2193167.95
156	498865.19	2193199.12
157	498862.72	2193219.63
158	498848.77	2193233.57
159	498834.81	2193253.10
160	498831.53	2193270.33
161	498838.92	2193290.84
162	498856.16	2193309.70
163	498880.78	2193313.81
164	498893.09	2193320.37
165	498907.05	2193336.78
166	498921.51	2193343.34
167	498934.64	2193352.36
168	498955.98	2193361.39
169	498982.33	2193364.87
170	499003.59	2193379.43
171	499005.76	2193394.58
172	499011.36	2193406.12

173	499026.57	2193421.27
174	499043.18	2193441.77
175	499047.73	2193447.02
176	499050.88	2193460.30
177	499049.83	2193472.53
178	499047.03	2193476.38
179	499041.09	2193478.83
180	499034.09	2193476.38
181	499028.84	2193478.48
182	499019.40	2193477.78
183	499005.41	2193480.22
184	499014.15	2193489.66
185	499019.40	2193486.52
186	499047.38	2193482.67
187	499053.33	2193476.03
188	499055.08	2193467.99
189	499055.77	2193458.20
190	499051.95	2193447.94
191	499042.11	2193431.07
192	499033.39	2193423.24
193	499015.90	2193399.94
194	499013.44	2193388.46
195	499061.63	2193408.80
196	499111.70	2193420.29
197	499120.80	2193420.33
н.п. Лесной Богородского муниципального района Нижегородской области		
1	475562.74	2187180.18
2	475559.81	2187186.36
3	475548.88	2187191.48
4	475534.15	2187201.26
5	475502.61	2187210.64
6	475486.86	2187215.77
7	475475.46	2187215.05
8	475463.79	2187212.37
9	475456.53	2187215.97
10	475451.17	2187226.34
11	475447.15	2187259.74
12	475447.28	2187277.72
13	475447.09	2187278.62
14	475441.29	2187290.20
15	475444.05	2187297.82
16	475444.05	2187298.75
17	475436.88	2187314.94
18	475428.48	2187339.98
19	475418.90	2187351.35
20	475393.51	2187365.42
21	475378.45	2187361.99
22	475374.38	2187366.30
23	475374.07	2187366.33
24	475368.12	2187366.06
25	475367.81	2187366.02

26	475367.51	2187365.92
27	475362.41	2187363.19
28	475356.35	2187366.37
29	475349.40	2187373.70
30	475345.54	2187400.33
31	475349.83	2187422.35
32	475358.25	2187431.40
33	475369.19	2187434.60
34	475369.76	2187434.86
35	475370.17	2187435.33
36	475372.23	2187444.59
37	475367.87	2187459.04
38	475360.20	2187467.74
39	475339.67	2187477.24
40	475324.36	2187480.48
41	475312.23	2187494.54
42	475307.50	2187515.83
43	475310.23	2187531.75
44	475310.26	2187531.91
45	475311.51	2187540.07
46	475308.10	2187553.78
47	475298.48	2187568.58
48	475289.54	2187588.68
49	475280.96	2187605.83
50	475279.06	2187623.00
51	475271.50	2187634.14
52	475245.38	2187654.68
53	475241.52	2187657.49
54	475238.96	2187666.74
55	475241.71	2187688.80
56	475242.27	2187704.98
57	475242.21	2187705.60
58	475235.99	2187717.30
59	475228.14	2187723.80
60	475224.61	2187726.71
61	475206.12	2187736.47
62	475197.59	2187747.12
63	475192.52	2187770.36
64	475181.91	2187806.07
65	475176.57	2187814.44
66	475138.92	2187838.08
67	475126.16	2187846.96
68	475123.57	2187849.41
69	475561.36	2187176.37
70	475557.79	2187184.02
71	475547.27	2187188.95
72	475532.89	2187198.52
73	475501.67	2187207.80
74	475486.37	2187212.79
75	475475.70	2187212.06
76	475463.30	2187209.33

77	475454.12	2187214.09
78	475448.22	2187225.73
79	475444.17	2187259.76
80	475444.29	2187277.52
81	475438.37	2187289.35
82	475438.18	2187289.95
83	475438.24	2187290.57
84	475441.01	2187298.24
85	475434.02	2187314.01
86	475429.26	2187327.85
87	475426.02	2187338.26
88	475417.30	2187348.82
89	475393.29	2187362.34
90	475378.21	2187358.85
91	475377.59	2187358.85
92	475377.02	2187359.11
93	475375.78	2187360.49
94	475373.40	2187363.31
95	475368.53	2187363.06
96	475363.03	2187360.12
97	475362.42	2187360.00
98	475361.81	2187360.12
99	475354.55	2187363.95
100	475346.68	2187372.26
101	475346.49	2187372.84
102	475342.53	2187400.51
103	475346.96	2187423.22
104	475347.15	2187423.81
105	475356.31	2187433.73
106	475356.82	2187434.10
107	475367.61	2187437.26
108	475369.19	2187444.38
109	475365.23	2187457.54
110	475358.40	2187465.30
111	475338.89	2187474.34
112	475323.24	2187477.66
113	475322.67	2187477.90
114	475309.56	2187493.08
115	475304.49	2187515.65
116	475307.28	2187532.22
117	475308.50	2187539.86
118	475305.28	2187552.71
119	475295.75	2187567.37
120	475286.94	2187587.18
121	475278.08	2187604.94
122	475276.18	2187622.01
123	475269.28	2187632.10
124	475243.62	2187652.26
125	475239.11	2187655.58
126	475238.92	2187655.83
127	475235.94	2187666.48

128	475238.73	2187689.12
129	475239.27	2187704.79
130	475233.68	2187715.33
131	475222.90	2187724.25
132	475204.26	2187734.07
н.п. Лукино Богородского муниципального района Нижегородской области		
1	492179.89	2190162.47
2	492193.52	2190192.09
3	492203.09	2190229.39
4	492207.07	2190249.12
5	492210.80	2190265.01
6	492216.11	2190283.65
7	492227.01	2190314.36
8	492234.98	2190329.97
9	492257.31	2190353.28
10	492267.94	2190367.79
11	492277.51	2190378.48
12	492291.59	2190389.72
13	492310.99	2190398.77
14	492324.28	2190408.91
15	492330.39	2190416.58
16	492333.05	2190425.63
17	492337.83	2190437.13
18	492342.35	2190449.75
19	492345.27	2190469.22
20	492351.12	2190490.59
21	492355.91	2190503.47
22	492378.50	2190556.10
23	492388.86	2190582.68
24	492394.98	2190598.86
25	492402.95	2190608.72
26	492413.85	2190616.67
27	492423.69	2190620.78
28	492441.76	2190619.96
29	492453.72	2190616.41
30	492474.72	2190621.33
31	492487.74	2190633.39
32	492495.71	2190642.17
33	492514.05	2190650.40
34	492531.34	2190661.36
35	492539.84	2190668.75
36	492552.33	2190678.89
37	492562.70	2190683.83
38	492590.34	2190689.86
39	492612.07	2190698.46
40	492620.71	2190698.93
41	492622.14	2190696.23
42	492627.80	2190693.50
43	492630.71	2190694.05
44	492636.11	2190699.90
45	492638.62	2190702.07

46	492640.22	2190706.66
47	492655.34	2190710.38
48	492677.95	2190726.16
49	492725.54	2190764.28
50	492747.62	2190775.31
51	492760.24	2190782.67
52	492767.08	2190780.58
53	492769.93	2190782.16
54	492167.40	2190167.32
55	492178.12	2190195.13
56	492182.39	2190199.91
57	492188.80	2190218.26
58	492194.09	2190240.44
59	492200.45	2190269.39
60	492203.04	2190281.39
61	492210.16	2190303.41
62	492223.68	2190332.41
63	492249.31	2190364.34
64	492271.38	2190386.35
65	492282.41	2190394.43
66	492303.06	2190406.91
67	492311.24	2190413.15
68	492317.29	2190419.03
69	492324.40	2190433.71
70	492340.31	2190489.72
71	492357.57	2190533.81
72	492366.10	2190559.95
73	492390.02	2190611.35
74	492399.00	2190622.65
75	492406.47	2190627.80
76	492410.46	2190635.01
77	492460.80	2190637.05
78	492477.74	2190644.24
79	492494.19	2190659.15
80	492509.14	2190675.60
81	492558.98	2190693.07
82	492581.91	2190699.24
83	492608.29	2190709.55
84	492613.30	2190714.58
85	492620.03	2190718.40
86	492627.54	2190719.34
87	492630.31	2190722.05
88	492633.34	2190721.51
89	492634.19	2190719.68
90	492644.04	2190727.46
91	492658.61	2190731.62
92	492668.22	2190743.24
93	492685.58	2190746.93
94	492689.26	2190741.68
95	492731.32	2190772.17
96	492754.46	2190786.36

97	492762.35	2190786.36
98	492766.01	2190788.56
н.п. Хвощевка, н.п. Сохтанка Богородского муниципального района Нижегородской области		
1	484532.82	2187076.57
2	484526.03	2187102.61
3	484513.31	2187129.14
4	484502.29	2187144.30
5	484479.67	2187164.99
6	484470.35	2187170.13
7	484426.53	2187194.44
8	484417.77	2187201.14
9	484410.98	2187208.14
10	484399.39	2187218.05
11	484377.91	2187235.25
12	484354.16	2187258.58
13	484350.77	2187269.36
14	484350.21	2187276.94
15	484353.32	2187289.48
16	484359.53	2187299.68
17	484361.23	2187304.93
18	484362.08	2187311.92
19	484366.60	2187318.34
20	484373.67	2187325.92
21	484392.32	2187337.58
22	484400.52	2187346.32
23	484413.81	2187350.40
24	484427.10	2187358.27
25	484431.06	2187363.52
26	484433.60	2187369.93
27	484434.17	2187377.22
28	484433.60	2187397.04
29	484431.62	2187404.92
30	484431.62	2187404.92
31	484426.00	2187414.57
32	484423.99	2187418.03
33	484397.42	2187440.19
34	484385.26	2187447.19
35	484374.80	2187454.76
36	484368.18	2187460.69
37	484366.18	2187462.48
38	484354.52	2187478.35
39	484315.03	2187508.62
40	484310.98	2187519.58
41	484311.48	2187536.80
42	484332.24	2187561.33
43	484349.22	2187573.68
44	484382.88	2187583.25
45	484436.55	2187590.03
46	484450.73	2187583.77
47	484473.01	2187585.34
48	484483.13	2187576.46

49	484485.66	2187566.55
50	484496.30	2187565.50
51	484490.73	2187574.90
52	484496.30	2187597.34
53	484496.80	2187663.62
54	484505.92	2187700.68
55	484481.15	2187767.21
56	484468.58	2187787.48
57	484429.32	2187833.61
58	484414.59	2187844.75
59	484410.24	2187873.32
60	484333.03	2187937.87
61	484275.80	2187956.02
62	484201.03	2187959.22
63	484152.39	2187956.02
64	484096.25	2187912.92
65	484039.25	2187889.54
66	483953.17	2187911.10
67	483890.80	2187900.89
68	483807.24	2187942.10
69	483777.69	2187945.47
70	483771.78	2187950.45
71	483783.80	2187980.09
72	483790.05	2187987.01
73	483788.97	2187995.31
74	483764.26	2187959.87
75	483762.11	2187948.79
76	483744.38	2187953.78
77	483738.47	2187950.45
78	483728.80	2187961.53
79	483666.57	2187988.67
80	483634.35	2188018.57
81	483634.54	2188034.77
82	483636.50	2188047.92
83	483627.82	2188099.93
84	483620.39	2188109.95
85	483619.88	2188080.96
86	483626.29	2188067.31
87	483628.98	2187995.31
88	483620.39	2187993.65
89	483517.11	2187998.41
90	483290.29	2188011.93
91	483140.52	2188017.45
92	483061.13	2188051.74
93	482990.01	2188118.28
94	482957.18	2188119.41
95	482918.65	2188094.82
96	482834.49	2188134.62
97	482812.02	2188161.70
98	482804.42	2188190.21
99	482807.88	2188213.73

100	482814.44	2188222.99
101	482804.07	2188243.66
102	484523.55	2187071.61
103	484520.21	2187087.25
104	484514.37	2187102.07
105	484500.45	2187131.71
106	484477.99	2187154.41
107	484460.93	2187162.74
108	484416.92	2187187.29
109	484386.38	2187213.22
110	484355.39	2187239.16
111	484337.88	2187265.56
112	484332.94	2187287.32
113	484335.63	2187296.59
114	484343.71	2187310.02
115	484387.28	2187352.62
116	484414.67	2187365.13
117	484420.51	2187372.07
118	484421.41	2187381.80
119	484416.08	2187404.87
120	484408.00	2187419.69
121	484384.41	2187437.30
122	484376.10	2187441.46
123	484369.14	2187447.02
124	484356.22	2187462.34
125	484343.89	2187478.35
126	484310.47	2187500.79
127	484297.81	2187518.01
128	484312.18	2187561.12
129	484360.09	2187586.38
130	484425.41	2187599.43
131	484446.68	2187596.82
132	484468.45	2187601.52
133	484491.74	2187637.00
134	484496.30	2187706.94
135	484480.09	2187754.96
136	484452.75	2187799.84
137	484421.86	2187829.07
138	484414.78	2187827.50
139	484401.10	2187839.50
140	484396.55	2187848.90
141	484398.07	2187873.95
142	484393.01	2187884.03
143	484320.40	2187937.51
144	484272.20	2187947.38
145	484251.45	2187952.25
146	484183.33	2187954.28
147	484151.09	2187948.21
148	484093.07	2187903.40
149	484072.01	2187895.47
150	484045.65	2187877.17

151	484000.00	2187894.15
152	483955.71	2187899.93
153	483931.88	2187900.51
154	483894.55	2187893.15
155	483881.43	2187894.44
156	483797.49	2187932.78
157	483780.79	2187936.92
158	483759.21	2187933.74
159	483745.55	2187939.42
160	483685.59	2187972.04
161	483642.60	2187986.65
162	483530.76	2187985.35
163	483355.83	2187992.97
164	483127.11	2188005.00
165	483123.21	2187993.66
166	483110.32	2187984.24
167	483057.44	2188020.24
168	483012.86	2188061.21
169	482999.96	2188063.98
170	482989.76	2188045.71
171	482974.71	2188043.49
172	482979.01	2188025.22
173	483002.11	2188005.29
174	482974.18	2188008.05
175	482946.78	2187999.19
176	482940.33	2187989.78
177	482925.29	2187992.00
178	482917.23	2188010.82
179	482908.64	2188014.70
180	482883.55	2188007.40
181	482883.39	2188064.53
182	482867.81	2188080.59
183	482839.91	2188095.53
184	482820.56	2188088.05
185	482785.32	2188060.97
186	482776.10	2188039.13
187	482749.08	2188039.85
188	482768.39	2188071.30
189	482763.61	2188083.35
190	482777.03	2188078.78
191	482803.63	2188093.75
192	482813.65	2188111.56
193	482810.89	2188126.17
194	482800.87	2188124.04
195	482798.80	2188157.53
196	482745.62	2188211.78

р. Сетчуга
Система координат – МСК 52

Номер и координаты характерных точек береговой линии (границы водного объекта)		
№ точки на картографическом материале	X, м	Y, м
н.п. Ивановское Богородского муниципального района Нижегородской области		
1	481697.71	2192440.64
2	481701.64	2192445.45
3	481702.72	2192450.04
4	481702.09	2192454.04
5	481697.78	2192456.27
6	481692.04	2192457.91
7	481686.28	2192460.98
8	481682.50	2192465.79
9	481682.70	2192471.79
10	481686.62	2192478.13
11	481699.89	2192491.17
12	481712.63	2192500.20
13	481726.65	2192499.25
14	481741.91	2192491.16
15	481754.16	2192494.75
16	481772.67	2192500.43
17	481788.60	2192506.35
18	481804.25	2192511.99
19	481811.09	2192513.23
20	481815.56	2192521.29
21	481813.69	2192532.99
22	481802.94	2192546.00
23	481794.87	2192551.32
24	481787.36	2192556.94
25	481777.37	2192555.95
26	481768.86	2192550.69
27	481759.79	2192544.57
28	481754.36	2192544.21
29	481746.30	2192548.96
30	481745.09	2192553.81
31	481752.43	2192561.05
32	481762.61	2192569.19
33	481769.57	2192583.29
34	481768.88	2192592.43
35	481765.00	2192604.67
36	481761.07	2192620.92
37	481760.60	2192634.63
38	481763.59	2192646.68
39	481769.49	2192654.19
40	481775.97	2192661.71
41	481781.64	2192664.93
42	481787.10	2192663.29

43	481795.24	2192653.10
44	481799.36	2192644.29
45	481803.55	2192630.06
46	481807.33	2192624.67
47	481810.75	2192615.14
48	481816.57	2192606.93
49	481824.59	2192606.46
50	481834.22	2192613.16
51	481842.14	2192619.56
52	481848.33	2192627.07
53	481846.51	2192635.05
54	481842.16	2192639.57
55	481838.34	2192647.24
56	481838.49	2192652.03
57	481842.70	2192658.09
58	481843.90	2192664.68
59	481842.98	2192669.53
60	481843.48	2192675.11
61	481845.54	2192681.57
62	481846.05	2192686.01
63	481845.02	2192687.85
64	481842.28	2192689.96
65	481835.57	2192689.30
66	481821.75	2192685.83
67	481807.51	2192681.35
68	481800.27	2192677.83
69	481796.67	2192679.64
70	481793.05	2192683.59
71	481790.99	2192698.86
72	481789.61	2192711.49
73	481788.86	2192714.20
74	481783.67	2192716.99
75	481781.93	2192719.11
76	481782.59	2192723.55
77	481781.18	2192743.54
78	481781.13	2192757.98
79	481780.39	2192770.55
80	481776.21	2192773.64
81	481769.70	2192773.63
82	481763.22	2192766.97
83	481758.47	2192758.18
84	481757.26	2192752.16
85	481754.17	2192748.26
86	481749.19	2192746.48
87	481728.57	2192749.21
88	481720.93	2192754.11
89	481719.19	2192758.84
90	481719.18	2192764.92
91	481721.50	2192784.18
92	481719.51	2192788.51
93	481724.39	2192808.66

94	481730.00	2192817.02
95	481740.77	2192824.03
96	481751.55	2192830.46
97	481753.96	2192842.78
98	481748.63	2192856.72
99	481738.74	2192869.46
100	481731.18	2192878.79
101	481715.82	2192894.60
102	481709.96	2192905.67
103	481705.49	2192919.33
104	481699.42	2192946.13
105	481692.92	2192962.05
106	481685.84	2192978.83
107	481678.27	2192989.02
108	481673.56	2192999.25
109	481660.20	2193006.75
110	481651.95	2193009.43
111	481643.25	2193018.90
112	481638.84	2193027.56
113	481633.37	2193041.64
114	481630.10	2193056.25
115	481630.79	2193058.40
116	481633.63	2193060.74
117	481644.41	2193053.99
118	481650.10	2193050.77
119	481662.30	2193046.50
120	481676.27	2193044.19
121	481684.44	2193048.37
122	481695.62	2193056.81
123	481705.27	2193072.80
124	481706.83	2193076.50
125	481714.33	2193081.75
126	481718.38	2193089.59
127	481718.67	2193094.74
128	481717.13	2193102.44
129	481703.93	2193117.63
130	481704.24	2193126.21
131	481708.85	2193134.28
132	481716.49	2193140.24
133	481721.60	2193143.45
134	481723.10	2193148.76
135	481724.75	2193153.64
136	481726.44	2193155.52
137	481730.70	2193157.30
138	481737.71	2193156.96
139	481744.75	2193154.62
140	481749.27	2193158.54
141	481751.52	2193161.72
142	481770.79	2193163.26
143	481779.46	2193170.27
144	481784.86	2193188.92

145	481782.88	2193198.19
146	481773.69	2193201.00
147	481766.80	2193202.91
148	481751.49	2193203.99
149	481738.38	2193211.68
150	481737.71	2193219.39
151	481737.66	2193223.11
152	481740.77	2193225.58
153	481749.50	2193225.26
154	481756.19	2193226.93
155	481758.16	2193229.81
156	481755.88	2193240.07
157	481751.34	2193248.30
158	481746.60	2193249.67
159	481743.33	2193250.14
160	481738.42	2193251.04
161	481736.02	2193251.05
162	481731.77	2193251.17
163	481724.74	2193248.04
164	481721.89	2193247.07
165	481717.52	2193247.52
166	481714.30	2193248.19
167	481709.90	2193251.20
168	481705.51	2193253.58
169	481700.51	2193253.15
170	481697.44	2193252.61
171	481696.29	2193253.31
172	481695.62	2193255.09
173	481694.33	2193261.43
174	481693.50	2193264.50
175	481689.58	2193274.31
176	481686.86	2193280.28
177	481678.74	2193283.10
178	481673.58	2193284.46
179	481665.30	2193284.07
180	481660.00	2193284.28
181	481657.54	2193286.68
182	481659.49	2193290.99
183	481652.57	2193294.90
184	481645.51	2193299.67
185	481640.89	2193302.90
186	481636.84	2193306.70
187	481633.50	2193310.66
188	481620.31	2193313.63
189	481617.81	2193318.46
190	481611.71	2193325.67
191	481609.14	2193325.78
192	481600.14	2193325.09
193	481593.32	2193311.70
194	481585.28	2193308.52
195	481579.84	2193309.17

196	481570.26	2193309.47
197	481563.66	2193311.10
198	481558.69	2193308.75
199	481552.88	2193304.67
200	481550.34	2193302.77
201	481540.74	2193303.93
202	481536.74	2193304.17
203	481534.01	2193304.70
204	481531.56	2193306.53
205	481526.79	2193310.33
206	481527.19	2193312.90
207	481528.70	2193317.21
208	481531.23	2193320.53
209	481534.93	2193321.87
210	481541.36	2193322.24
211	481544.76	2193324.14
212	481545.88	2193326.16
213	481545.81	2193331.59
214	481553.91	2193335.13
215	481560.72	2193338.79
216	481560.85	2193339.94
217	481560.39	2193342.22
218	481557.73	2193349.04
219	481553.68	2193352.28
220	481553.18	2193357.85
221	481553.26	2193363.14
222	481555.52	2193364.60
223	481565.13	2193362.58
224	481575.28	2193362.57
225	481576.54	2193364.44
226	481577.30	2193371.32
227	481576.22	2193377.59
228	481575.27	2193384.44
229	481573.32	2193391.99
230	481571.36	2193399.40
231	481575.96	2193408.18
232	481574.44	2193414.73
233	481572.18	2193423.71
234	481567.12	2193428.22
235	481561.50	2193431.43
236	481557.44	2193436.24
237	481553.25	2193439.04
238	481549.82	2193438.99
239	481543.54	2193438.77
240	481539.41	2193437.71
241	481536.46	2193433.24
242	481537.51	2193429.40
243	481540.31	2193423.43
244	481541.82	2193417.45
245	481541.72	2193414.02
246	481537.66	2193407.82

247	481536.29	2193403.22
248	481539.34	2193399.26
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251	481530.82	2193384.42
252	481530.30	2193380.13
253	481528.46	2193378.68
254	481526.75	2193378.37
255	481521.03	2193378.58
256	481513.82	2193383.34
257	481507.66	2193383.31
258	481499.49	2193385.17
259	481499.21	2193387.13
260	481499.44	2193391.46
261	481498.78	2193398.06
262	481497.22	2193419.06
263	481495.31	2193422.32
264	481484.15	2193434.18
265	481482.72	2193434.16
266	481479.17	2193432.83
267	481473.32	2193431.32
268	481466.92	2193429.09
269	481463.17	2193431.90
270	481459.90	2193441.58
271	481456.52	2193448.11
272	481449.57	2193454.74
273	481450.67	2193458.18
274	481455.17	2193463.96
275	481458.22	2193471.15
276	481459.51	2193481.74
277	481456.18	2193495.71
278	481449.53	2193501.05
279	481439.52	2193501.20
280	481423.54	2193499.28
281	481408.12	2193497.93
282	481399.26	2193497.81
283	481397.81	2193499.51
284	481396.80	2193521.28
285	481394.96	2193520.25
286	481395.04	2193516.80
287	481395.43	2193514.31
288	481395.60	2193507.02
289	481395.91	2193500.02
290	481396.88	2193496.60
291	481398.60	2193496.05
292	481401.25	2193496.02
293	481406.82	2193496.38
294	481426.45	2193498.28
295	481436.73	2193499.06
296	481442.02	2193498.98
297	481449.38	2193498.87

298	481453.79	2193495.50
299	481457.21	2193485.39
300	481457.97	2193481.54
301	481456.20	2193469.87
302	481453.75	2193465.55
303	481449.18	2193460.41
304	481448.07	2193457.90
305	481447.19	2193453.88
306	481450.02	2193450.56
307	481455.88	2193445.21
308	481458.92	2193437.24
309	481460.63	2193431.97
310	481462.75	2193428.14
311	481466.63	2193426.91
312	481470.41	2193427.67
313	481474.45	2193429.87
314	481483.50	2193431.70
315	481493.66	2193420.05
316	481494.63	2193418.60
317	481498.11	2193389.62
318	481497.53	2193384.25
319	481507.97	2193381.86
320	481513.37	2193381.57
321	481520.14	2193377.09
322	481528.83	2193376.49
323	481531.73	2193380.04
324	481532.31	2193384.25
325	481535.21	2193388.42
326	481539.26	2193390.82
327	481541.00	2193399.79
328	481537.53	2193403.36
329	481543.90	2193416.52
330	481537.28	2193433.46
331	481542.74	2193437.42
332	481555.49	2193436.22
333	481560.71	2193429.66
334	481569.98	2193424.25
335	481572.85	2193415.97
336	481574.04	2193406.95
337	481570.56	2193401.55
338	481569.98	2193399.79
339	481573.29	2193388.27
340	481574.62	2193382.46
341	481575.78	2193371.21
342	481575.78	2193371.13
343	481573.46	2193363.92
344	481565.35	2193363.92
345	481554.91	2193366.32
346	481552.01	2193364.52
347	481552.01	2193358.56
348	481552.01	2193351.39

349	481556.07	2193348.43
350	481558.97	2193340.06
351	481551.44	2193335.86
352	481546.21	2193334.09
353	481544.48	2193332.28
354	481544.48	2193326.31
355	481541.00	2193323.33
356	481536.95	2193323.33
357	481530.57	2193322.13
358	481527.09	2193316.76
359	481525.35	2193309.59
360	481533.47	2193303.62
361	481550.75	2193301.52
362	481558.31	2193307.03
363	481558.31	2193307.03
364	481564.23	2193309.28
365	481574.04	2193307.03
366	481585.68	2193306.83
367	481595.08	2193310.30
368	481602.23	2193323.99
369	481610.40	2193324.60
370	481617.55	2193317.04
371	481620.00	2193312.55
372	481625.31	2193311.53
373	481633.07	2193309.48
374	481638.59	2193303.77
375	481650.64	2193294.78
376	481658.40	2193290.08
377	481656.16	2193286.61
378	481660.24	2193283.14
379	481674.34	2193283.14
380	481686.18	2193279.46
381	481693.33	2193262.91
382	481693.94	2193256.17
383	481695.99	2193251.07
384	481700.69	2193252.29
385	481706.00	2193252.09
386	481715.60	2193246.77
387	481722.54	2193246.16
388	481724.99	2193247.38
389	481732.96	2193250.45
390	481740.11	2193250.04
391	481750.52	2193247.18
392	481754.62	2193239.83
393	481756.25	2193229.61
394	481754.82	2193227.77
395	481748.29	2193226.14
396	481741.34	2193226.75
397	481736.85	2193224.30
398	481736.23	2193220.22
399	481737.46	2193210.82

400	481751.55	2193202.65
401	481766.47	2193201.83
402	481781.99	2193197.54
403	481783.63	2193188.76
404	481778.72	2193170.99
405	481769.32	2193164.04
406	481750.73	2193162.81
407	481749.51	2193160.36
408	481744.61	2193155.67
409	481737.05	2193158.12
410	481730.10	2193158.12
411	481724.38	2193155.67
412	481722.75	2193152.40
413	481720.50	2193144.43
414	481715.60	2193141.57
415	481712.33	2193138.71
416	481708.04	2193134.83
417	481703.14	2193126.45
418	481702.93	2193117.06
419	481716.01	2193102.15
420	481717.43	2193096.83
421	481717.43	2193089.96
422	481713.37	2193082.20
423	481705.26	2193076.82
424	481704.44	2193075.13
425	481702.36	2193070.85
426	481694.56	2193058.43
427	481675.97	2193045.36
428	481651.05	2193051.90
429	481634.09	2193062.52
430	481630.62	2193060.88
431	481629.69	2193059.48
432	481628.17	2193057.21
433	481631.07	2193042.18
434	481637.56	2193026.98
435	481642.47	2193017.17
436	481651.24	2193008.00
437	481659.47	2193005.74
438	481665.13	2193002.69
439	481672.20	2192998.21
440	481674.54	2192993.79
441	481678.80	2192985.43
442	481684.91	2192977.37
443	481693.46	2192957.61
444	481697.90	2192945.95
445	481701.26	2192929.98
446	481705.63	2192912.89
447	481711.98	2192897.39
448	481720.99	2192886.50
449	481735.36	2192869.82
450	481747.12	2192855.97

451	481752.30	2192842.31
452	481750.02	2192831.42
453	481728.47	2192817.98
454	481723.29	2192809.20
455	481718.20	2192789.05
456	481719.70	2192783.63
457	481719.37	2192776.34
458	481717.98	2192762.17
459	481718.05	2192756.88
460	481720.12	2192751.91
461	481726.60	2192748.27
462	481737.20	2192746.56
463	481750.67	2192744.45
464	481755.07	2192746.51
465	481759.16	2192750.85
466	481760.10	2192755.29
467	481761.05	2192759.02
468	481764.12	2192765.07
469	481769.76	2192770.57
470	481773.76	2192771.05
471	481777.20	2192770.10
472	481778.81	2192767.40
473	481779.54	2192755.12
474	481779.08	2192746.82
475	481779.98	2192732.83
476	481779.45	2192719.10
477	481782.21	2192715.56
478	481786.54	2192712.61
479	481788.15	2192709.20
480	481791.04	2192685.80
481	481792.24	2192681.10
482	481795.59	2192676.57
483	481798.60	2192675.89
484	481804.16	2192677.11
485	481815.38	2192682.26
486	481822.93	2192684.65
487	481833.33	2192687.36
488	481840.90	2192687.60
489	481843.49	2192686.21
490	481843.95	2192683.93
491	481843.01	2192679.20
492	481842.21	2192674.61
493	481841.68	2192671.46
494	481842.02	2192667.75
495	481842.05	2192665.03
496	481842.09	2192662.46
497	481840.72	2192657.58
498	481838.34	2192654.26
499	481836.67	2192650.52
500	481837.16	2192645.96
501	481840.82	2192639.43

502	481844.89	2192634.19
503	481846.25	2192628.78
504	481843.46	2192623.45
505	481838.10	2192618.38
506	481830.45	2192612.56
507	481824.92	2192609.20
508	481821.79	2192608.16
509	481816.50	2192608.66
510	481814.01	2192613.06
511	481811.67	2192616.74
512	481808.85	2192625.14
513	481804.91	2192630.66
514	481802.51	2192639.78
515	481795.87	2192654.99
516	481791.37	2192660.65
517	481787.89	2192664.32
518	481782.00	2192666.38
519	481778.16	2192665.19
520	481773.49	2192661.70
521	481768.01	2192654.33
522	481761.40	2192645.96
523	481759.39	2192635.78
524	481759.58	2192621.20
525	481763.07	2192606.24
526	481767.69	2192591.86
527	481768.09	2192583.01
528	481761.26	2192569.91
529	481750.51	2192561.05
530	481744.30	2192555.53
531	481744.34	2192552.39
532	481745.11	2192547.97
533	481749.44	2192545.02
534	481754.90	2192543.09
535	481760.32	2192544.02
536	481769.10	2192549.71
537	481777.18	2192554.96
538	481782.90	2192555.04
539	481786.62	2192554.95
540	481790.93	2192552.72
541	481796.57	2192548.50
542	481802.33	2192544.72
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544	481811.35	2192533.26
545	481813.63	2192522.71
546	481812.52	2192520.12
547	481810.55	2192517.67
548	481809.44	2192515.22
549	481803.31	2192514.00
550	481791.50	2192509.98
551	481773.58	2192503.17
552	481761.06	2192498.86

553	481752.94	2192496.18
554	481744.39	2192494.21
555	481740.67	2192494.59
556	481737.23	2192495.69
557	481733.48	2192497.64
558	481726.43	2192501.26
559	481720.55	2192502.47
560	481713.55	2192502.66
561	481707.43	2192500.58
562	481702.91	2192496.52
563	481694.00	2192489.11
564	481683.99	2192478.83
565	481680.07	2192472.35
566	481679.74	2192465.05
567	481684.81	2192459.69
568	481693.45	2192455.23
569	481698.03	2192454.29
570	481698.77	2192452.44
571	481697.12	2192447.99
572	481692.06	2192440.66

р. Пава

Система координат – МСК 52

Номер и координаты характерных точек береговой линии (границы водного объекта)		
№ точки на картографическом материале	X, м	Y, м
н.п. Селитьба Сосновского муниципального района Нижегородской области		
1	469921.25	2182993.66
2	469929.25	2182993.58
3	469934.88	2182992.75
4	469945.02	2182993.86
5	469961.32	2182997.30
6	469964.14	2182998.43
7	469969.49	2182999.29
8	469978.85	2182998.93
9	469986.89	2182993.30
10	469993.79	2182990.78
11	470004.28	2182985.63
12	470009.64	2182980.28
13	470012.17	2182976.05
14	470013.86	2182970.71
15	470016.68	2182964.51
16	470019.36	2182960.41
17	470027.93	2182951.55
18	470038.03	2182940.93
19	470046.06	2182935.58
20	470050.57	2182934.17
21	470062.19	2182928.47
22	470067.12	2182927.75
23	470070.08	2182928.75
24	470074.24	2182933.26
25	470072.90	2182938.47
26	470072.76	2182945.50
27	470074.73	2182950.29
28	470078.53	2182955.64
29	470095.36	2182968.54
30	470098.32	2182971.06
31	470099.73	2182973.60
32	470099.73	2182982.75
33	470100.15	2182993.72
34	470099.87	2182995.85
35	470098.88	2183003.02
36	470101.13	2183011.33
37	470107.89	2183023.30
38	470112.26	2183028.92
39	470122.25	2183043.57
40	470130.70	2183052.73
41	470136.48	2183058.22
42	470141.40	2183061.60

43	470156.72	2183063.22
44	470164.19	2183063.64
45	470169.12	2183066.32
46	470174.69	2183073.01
47	470175.67	2183077.66
48	470174.97	2183088.23
49	470173.98	2183096.67
50	470173.28	2183104.41
51	470172.86	2183110.47
52	470174.55	2183122.85
53	470177.51	2183130.60
54	470178.49	2183139.21
55	470179.90	2183146.38
56	470183.56	2183156.81
57	470190.60	2183166.38
58	470199.76	2183176.37
59	470205.35	2183183.91
60	470211.13	2183192.93
61	470221.28	2183202.21
62	470231.00	2183207.44
63	470239.52	2183209.62
64	470246.99	2183211.45
65	470256.86	2183214.27
66	470260.45	2183218.29
67	470262.56	2183222.22
68	470264.11	2183226.46
69	470264.39	2183229.97
70	470262.84	2183232.52
71	470259.74	2183236.73
72	470257.07	2183240.25
73	470253.40	2183245.47
74	470252.42	2183249.97
75	470253.12	2183253.78
76	470258.05	2183258.99
77	470261.58	2183265.33
78	470264.11	2183270.68
79	470264.81	2183279.26
80	470265.66	2183292.66
81	470263.27	2183301.54
82	470260.73	2183308.57
83	470258.62	2183317.16
84	470259.32	2183327.16
85	470262.70	2183333.78
86	470262.61	2183333.96
87	470274.72	2183343.95
88	470274.95	2183344.16
89	470281.43	2183351.32
90	470281.62	2183351.57
91	470281.75	2183351.85
92	470281.81	2183352.16
93	470283.17	2183361.03

94	470283.17	2183361.34
95	470281.81	2183369.85
96	470281.75	2183370.16
97	470281.62	2183370.43
98	470281.43	2183370.70
99	470274.27	2183377.86
100	470274.04	2183378.06
101	470273.77	2183378.22
102	470267.64	2183380.94
103	470267.34	2183381.04
104	470267.03	2183381.07
105	470258.61	2183380.74
106	470234.18	2183397.48
107	470233.91	2183397.64
108	470219.98	2183405.26
109	470212.29	2183415.20
110	470211.65	2183426.37
111	470221.05	2183453.22
112	470228.42	2183466.30
113	470234.91	2183474.41
114	470246.01	2183478.98
115	470260.87	2183482.02
116	470261.17	2183482.11
117	470261.44	2183482.27
118	470276.43	2183492.82
119	470286.99	2183502.03
120	470287.22	2183502.23
121	470287.41	2183502.49
122	470292.52	2183510.34
123	470306.20	2183539.97
124	470306.33	2183540.25
125	470306.39	2183540.56
126	470306.39	2183540.87
127	470306.06	2183549.40
128	470311.78	2183570.57
129	470311.84	2183570.88
130	470312.53	2183576.68
131	470312.53	2183576.99
132	470312.47	2183577.30
133	470310.18	2183583.51
134	470310.34	2183585.25
135	470311.14	2183593.87
136	470324.02	2183624.99
137	470333.79	2183646.20
138	470348.22	2183663.99
139	470361.35	2183674.08
140	470361.58	2183674.28
141	470395.52	2183705.48
142	470464.98	2183765.37
143	470465.21	2183765.59
144	470480.89	2183779.90

145	470481.08	2183780.15
146	470481.21	2183780.44
147	470483.59	2183789.29
148	470503.36	2183836.30
149	470509.44	2183852.84
150	470517.21	2183867.36
151	470517.34	2183867.64
152	470517.40	2183867.95
153	470517.40	2183868.26
154	470517.34	2183868.57
155	470514.67	2183876.57
156	470514.33	2183883.59
157	470514.27	2183883.90
158	470511.21	2183892.43
159	470511.08	2183892.71
160	470510.89	2183892.97
161	470505.09	2183900.12
162	470504.86	2183900.33
163	470498.12	2183905.05
164	470492.82	2183910.35
165	470485.50	2183920.33
166	470480.86	2183928.28
167	470479.23	2183937.02
168	470479.54	2183943.24
169	470482.12	2183946.96
170	470487.20	2183949.19
171	470487.47	2183949.34
172	470487.70	2183949.56
173	470505.43	2183972.72
174	470505.62	2183972.97
175	470505.75	2183973.26
176	470505.81	2183973.57
177	470505.81	2183973.88
178	470505.81	2183978.65
179	470505.75	2183978.95
180	470503.50	2183984.72
181	470505.07	2183990.64
182	470505.13	2183990.95
183	470505.13	2183991.26
184	470505.13	2183995.35
185	470505.07	2183995.66
186	470504.94	2183995.94
187	470504.75	2183996.20
188	470504.52	2183996.40
189	470497.75	2184002.20
190	470496.98	2184004.26
191	470497.24	2184007.61
192	470500.05	2184009.41
193	470503.64	2184009.70
194	470503.95	2184009.73
195	470504.25	2184009.83

196	470504.52	2184009.98
197	470506.56	2184011.69
198	470506.79	2184011.90
199	470506.98	2184012.15
200	470507.11	2184012.43
201	470508.43	2184018.10
202	470510.53	2184021.37
203	470514.33	2184024.01
204	470517.58	2184024.01
205	470521.61	2184019.06
206	470521.84	2184018.85
207	470522.11	2184018.69
208	470522.41	2184018.60
209	470522.72	2184018.57
210	470529.64	2184018.23
211	470536.05	2184016.20
212	470536.36	2184016.16
213	470536.67	2184016.20
214	470557.12	2184018.60
215	470557.42	2184018.69
216	470561.85	2184020.40
217	470562.12	2184020.55
218	470569.24	2184025.12
219	470569.86	2184025.64
220	470566.74	2184027.08
221	470560.56	2184023.11
222	470556.43	2184021.51
223	470536.50	2184019.19
224	470530.19	2184021.19
225	470529.88	2184021.22
226	470523.46	2184021.53
227	470519.40	2184026.52
228	470519.17	2184026.72
229	470518.90	2184026.87
230	470518.60	2184026.98
231	470518.29	2184027.01
232	470513.86	2184027.01
233	470513.55	2184026.98
234	470513.25	2184026.87
235	470512.98	2184026.72
236	470508.55	2184023.65
237	470508.32	2184023.45
238	470508.13	2184023.19
239	470505.74	2184019.45
240	470505.61	2184019.16
241	470504.34	2184013.73
242	470503.04	2184012.65
243	470499.55	2184012.37
244	470499.24	2184012.32
245	470498.94	2184012.23
246	470498.67	2184012.07

247	470494.92	2184009.69
248	470494.69	2184009.47
249	470494.50	2184009.22
250	470494.37	2184008.93
251	470494.31	2184008.63
252	470493.97	2184004.20
253	470493.97	2184003.89
254	470494.03	2184003.58
255	470495.05	2184000.85
256	470495.18	2184000.57
257	470495.37	2184000.32
258	470495.60	2184000.11
259	470502.15	2183994.50
260	470502.15	2183991.32
261	470500.50	2183985.09
262	470500.44	2183984.78
263	470500.44	2183984.47
264	470500.50	2183984.16
265	470502.83	2183978.19
266	470502.83	2183974.24
267	470485.64	2183951.78
268	470480.53	2183949.55
269	470480.26	2183949.39
270	470480.03	2183949.17
271	470479.84	2183948.93
272	470476.77	2183944.49
273	470476.64	2183944.20
274	470476.58	2183943.90
275	470476.24	2183937.08
276	470476.24	2183936.77
277	470477.95	2183927.57
278	470478.01	2183927.27
279	470478.14	2183926.98
280	470482.91	2183918.81
281	470483.10	2183918.56
282	470490.60	2183908.33
283	470496.05	2183902.89
284	470496.28	2183902.67
285	470502.95	2183898.01
286	470508.45	2183891.22
287	470511.36	2183883.14
288	470511.69	2183876.14
289	470511.75	2183875.83
290	470514.28	2183868.25
291	470506.77	2183854.21
292	470506.64	2183853.93
293	470500.50	2183837.23
294	470480.73	2183790.22
295	470478.44	2183781.70
296	470463.16	2183767.76
297	470393.68	2183707.84

298	470393.45	2183707.64
299	470359.56	2183676.48
300	470346.29	2183666.28
301	470346.06	2183666.07
302	470331.41	2183648.01
303	470331.22	2183647.76
304	470321.33	2183626.29
305	470321.20	2183626.01
306	470308.24	2183594.67
307	470308.18	2183594.36
308	470307.36	2183585.56
309	470307.16	2183583.47
310	470307.16	2183583.16
311	470307.22	2183582.85
312	470309.51	2183576.65
313	470308.87	2183571.31
314	470303.13	2183550.05
315	470303.07	2183549.74
316	470303.07	2183549.43
317	470303.39	2183541.01
318	470289.92	2183511.83
319	470284.96	2183504.22
320	470274.67	2183495.26
321	470259.95	2183484.89
322	470245.26	2183481.90
323	470244.96	2183481.79
324	470233.37	2183477.03
325	470233.10	2183476.86
326	470232.87	2183476.66
327	470226.06	2183468.13
328	470225.87	2183467.88
329	470218.38	2183454.58
330	470218.25	2183454.31
331	470208.71	2183427.06
332	470208.65	2183426.75
333	470208.65	2183426.44
334	470209.33	2183414.50
335	470209.39	2183414.19
336	470209.52	2183413.91
337	470209.71	2183413.66
338	470217.88	2183403.09
339	470218.11	2183402.89
340	470218.38	2183402.74
341	470232.48	2183395.02
342	470257.29	2183378.01
343	470257.56	2183377.86
344	470257.86	2183377.77
345	470258.17	2183377.74
346	470266.74	2183378.06
347	470272.30	2183375.60
348	470278.92	2183368.98

349	470280.16	2183361.18
350	470278.91	2183353.00
351	470272.85	2183346.30
352	470261.53	2183336.10
353	470261.24	2183336.68
354	470252.84	2183326.60
355	470252.42	2183316.88
356	470255.94	2183301.96
357	470259.61	2183295.20
358	470260.87	2183284.05
359	470258.44	2183269.06
360	470252.24	2183260.62
361	470246.17	2183251.74
362	470248.29	2183243.71
363	470254.35	2183237.79
364	470257.80	2183232.52
365	470258.50	2183225.76
366	470253.43	2183219.98
367	470245.11	2183214.91
368	470238.91	2183214.33
369	470229.89	2183212.09
370	470219.24	2183206.09
371	470208.67	2183197.92
372	470203.03	2183190.19
373	470196.61	2183180.95
374	470187.59	2183171.09
375	470182.09	2183164.90
376	470175.89	2183155.05
377	470169.19	2183146.24
378	470165.52	2183131.32
379	470167.36	2183114.68
380	470169.47	2183102.28
381	470171.37	2183087.85
382	470170.66	2183081.51
383	470168.69	2183073.07
384	470162.35	2183070.94
385	470154.59	2183070.39
386	470146.42	2183070.80
387	470141.20	2183069.83
388	470126.90	2183060.73
389	470118.72	2183050.59
390	470111.53	2183040.46
391	470103.70	2183027.28
392	470095.10	2183009.53
393	470093.55	2182993.20
394	470095.59	2182978.33
395	470091.08	2182971.71
396	470084.88	2182967.34
397	470079.94	2182964.68
398	470074.87	2182962.13
399	470069.79	2182953.55

400	470068.95	2182946.77
401	470069.31	2182933.43
402	470066.34	2182932.62
403	470059.29	2182934.75
404	470047.45	2182940.09
405	470037.55	2182947.73
406	470032.86	2182951.86
407	470026.52	2182959.75
408	470022.71	2182963.82
409	470018.34	2182972.98
410	470014.25	2182982.70
411	470006.28	2182990.51
412	469999.23	2182994.03
413	469990.35	2182996.16
414	469983.87	2183001.50
415	469976.89	2183006.35
416	469968.01	2183006.08
417	469962.37	2183003.12
418	469956.02	2183001.43
419	469942.28	2182999.95
420	469930.86	2182999.95
421	469920.08	2183000.43
422	469910.90	2182997.75

р. Старка (Кова)

Система координат – местная Нижегородская

Номер и координаты характерных точек береговой линии (границы водного объекта)		
№ точки на картографическом материале	X, м	Y, м
г. Нижний Новгород, Советский район		
1	-1185.48	357.29
2	-1175.29	363.11
3	-1146.80	385.67
4	-1134.35	397.26
5	-1129.98	405.06
6	-1127.17	416.23
7	-1120.18	429.30
8	-1105.43	440.54
9	-1101.25	452.60
10	-1085.09	476.95
11	-1075.42	484.60
12	-1070.85	491.43
13	-1065.31	497.37
14	-1061.09	520.63
15	-1054.30	545.14
16	-1053.56	552.28
17	-1052.39	557.51
18	-1029.01	592.83
19	-1023.55	597.44
20	-1018.39	603.29
21	-1017.61	610.08
22	-1015.43	614.84
23	-1010.82	617.97
24	-1003.68	628.93
25	-991.50	639.00
26	-962.04	673.31
27	-942.17	710.43
28	-920.98	764.79
29	-914.50	776.11
30	-913.56	781.89
31	-903.77	801.99
32	-890.73	810.58
33	-888.00	813.62
34	-886.28	817.68
35	-889.72	822.28
36	-878.75	837.23
37	-853.18	887.93
38	-852.17	898.78
39	-846.51	925.75
40	-849.71	939.10
41	-855.17	950.49
42	-857.79	961.07

43	-857.01	973.72
44	-852.09	982.77
45	-845.69	991.51
46	-839.68	996.12
47	-833.47	1003.26
48	-829.65	1011.38
49	-827.31	1018.09
50	-827.82	1031.01
51	-830.00	1040.53
52	-828.52	1048.50
53	-824.69	1053.65
54	-817.94	1078.04
55	-817.63	1096.85
56	-815.40	1102.67
57	-806.66	1112.43
58	-787.93	1129.99
59	-784.88	1134.52
60	-782.97	1147.51
61	-783.28	1155.94
62	-773.57	1175.11
63	-773.17	1185.80
64	-771.30	1192.75
65	-762.95	1203.52
66	-759.32	1216.98
67	-758.54	1227.99
68	-753.23	1239.70
69	-748.82	1245.59
70	-749.21	1258.55
71	-739.77	1277.13
72	-732.90	1288.13
73	-733.13	1298.20
74	-742.38	1321.35
75	-749.33	1331.89
76	-751.86	1342.31
77	-747.26	1368.14
78	-746.28	1380.59
79	-744.10	1388.71
80	-739.49	1398.31
81	-737.35	1407.25
82	-738.36	1413.50
83	-741.80	1418.57
84	-743.82	1429.50
85	-744.10	1447.10
86	-741.52	1457.48
87	-740.66	1471.77
88	-737.23	1480.20
89	-728.25	1484.80
90	-714.16	1521.84
91	-704.13	1529.37
92	-686.57	1537.18
93	-675.45	1547.60

94	-672.01	1557.98
95	-671.39	1569.22
96	-675.13	1583.90
97	-675.33	1595.72
98	-669.79	1618.91
99	-670.14	1628.16
100	-673.73	1638.46
101	-673.18	1650.87
102	-670.72	1659.50
103	-666.12	1667.54
104	-657.30	1676.04
105	-642.35	1712.54
106	-625.06	1742.94
107	-613.12	1756.68
108	-608.75	1767.29
109	-608.51	1773.54
110	-608.98	1776.11
111	-605.08	1793.83
112	-602.70	1798.01
113	-599.81	1799.10
114	-596.53	1798.09
115	-592.47	1798.87
116	-587.94	1801.91
117	-585.37	1807.07
118	-584.59	1817.29
119	-585.91	1823.69
120	-585.44	1832.59
121	-583.88	1837.35
122	-583.57	1841.96
123	-584.78	1846.84
124	-589.54	1856.20
125	-591.81	1862.84
126	-595.63	1867.68
127	-610.11	1879.58
128	-610.42	1883.09
129	-609.33	1887.62
130	-603.63	1894.33
131	-587.59	1899.99
132	-583.22	1906.39
133	-581.97	1914.20
134	-582.91	1923.18
135	-583.03	1931.65
136	-573.15	1966.34
137	-554.30	1996.20
138	-542.63	2021.30
139	-530.77	2036.59
140	-526.71	2048.23
141	-523.62	2054.90
142	-508.17	2073.48
143	-492.67	2097.32
144	-467.58	2108.60

145	-461.25	2114.22
146	-450.44	2135.96
147	-450.91	2144.00
148	-449.66	2151.11
149	-441.94	2160.55
150	-415.04	2171.75
151	-398.61	2188.18
152	-386.20	2193.10
153	-383.31	2194.51
154	-381.91	2197.39
155	-381.99	2200.91
156	-385.62	2210.70
157	-386.16	2218.35
158	-385.23	2222.02
159	-377.73	2231.08
160	-375.94	2239.98
161	-363.06	2258.01
162	-357.44	2264.56
163	-349.48	2281.42
164	-345.88	2291.96
165	-340.30	2296.06
166	-335.78	2296.53
167	-327.27	2295.20
168	-321.26	2295.67
169	-312.67	2301.06
170	-305.96	2307.92
171	-300.34	2309.25
172	-277.58	2309.13
173	-272.74	2308.04
174	-265.95	2304.69
175	-260.68	2300.51
176	-241.95	2299.81
177	-235.78	2303.01
178	-229.81	2303.05
179	-223.88	2304.06
180	-218.10	2306.56
181	-191.45	2345.39
182	-183.68	2351.75
183	-176.11	2354.80
184	-167.52	2356.52
185	-160.73	2355.97
186	-155.19	2354.49
187	-150.54	2355.31
188	-130.09	2365.61
189	-98.13	2383.72
190	-89.25	2397.59
191	-83.24	2400.37
192	-80.04	2400.56
193	-73.58	2396.29
194	-70.50	2395.51
195	-67.02	2395.82

196	-61.81	2394.94
197	-39.43	2391.68
198	-35.56	2390.43
199	-25.65	2383.09
200	-11.89	2377.61
201	15.62	2361.88
202	29.13	2358.60
203	35.72	2359.89
204	38.38	2363.17
205	43.61	2364.73
206	63.12	2367.07
207	70.22	2366.29
208	80.57	2362.12
209	112.84	2357.08
210	137.31	2355.17
211	169.20	2360.36
212	178.02	2364.65
213	190.24	2381.24
214	201.71	2402.00
215	208.13	2415.86
216	238.73	2475.66
217	254.58	2497.12
218	281.12	2554.89
219	294.47	2593.68
220	301.72	2606.95
221	308.83	2614.91
222	314.33	2623.15
223	314.02	2626.66
224	312.61	2629.86
225	307.07	2634.70
226	306.68	2638.14
227	307.70	2642.43
228	309.73	2646.57
229	314.06	2651.05
230	318.35	2661.51
231	317.34	2665.26
232	310.94	2671.27
233	309.92	2672.99
234	309.22	2676.97
235	311.99	2695.20
236	315.50	2703.47
237	318.55	2708.23
238	325.88	2729.23
239	331.93	2740.51
240	341.85	2763.69
241	346.69	2770.40
242	351.68	2774.62
243	355.58	2776.96
244	358.86	2784.92
245	358.39	2789.45
246	352.77	2802.56

247	350.82	2812.63
248	352.38	2825.36
249	351.29	2831.84
250	347.08	2837.93
251	346.41	2843.19
252	345.79	2853.97
253	346.49	2865.91
254	356.36	2881.56
255	368.86	2902.82
256	379.04	2927.03
257	378.14	2949.97
258	380.20	2956.67
259	387.63	2970.58
260	390.44	2982.29
261	384.07	3009.25
262	384.63	3022.52
263	391.47	3043.59
264	401.93	3056.07
265	412.98	3080.88
266	422.18	3094.92
267	435.42	3120.36
268	453.82	3149.69
269	453.63	3166.55
270	449.45	3185.68
271	437.52	3217.07
272	435.92	3237.52
273	435.19	3251.34
274	432.05	3260.71
275	427.63	3283.19
276	430.57	3300.99
277	429.53	3315.43
278	434.66	3331.04
279	430.24	3355.24
280	422.71	3370.70
281	425.02	3389.28
282	445.45	3415.96
283	451.21	3429.07
284	444.94	3439.53
285	448.52	3451.39
286	456.93	3467.78
287	484.56	3487.36
288	488.15	3496.73
289	487.52	3504.69
290	487.84	3528.42
291	486.82	3556.13
292	485.73	3600.00
293	491.43	3623.18
294	503.14	3647.07
295	500.42	3660.59
296	505.06	3680.18
297	510.94	3695.15

298	514.84	3699.99
299	518.28	3699.52
300	557.39	3678.21
301	568.99	3661.21
302	580.25	3652.11
303	595.84	3645.62
304	610.62	3645.12
305	617.49	3648.24
306	656.60	3640.04
307	684.15	3647.15
308	696.49	3647.77
309	703.51	3651.83
310	724.74	3649.02
311	764.63	3643.48
312	769.94	3640.20
313	787.74	3627.09
314	817.62	3617.02
315	843.18	3617.02
316	867.04	3617.72
317	878.28	3609.76
318	893.58	3612.57
319	914.19	3612.57
320	926.60	3604.53
321	955.80	3570.68
322	965.16	3566.59
323	976.87	3562.69
324	996.46	3559.33
325	1013.11	3547.85
326	1038.70	3525.12
327	1048.05	3520.44
328	1076.73	3514.50
329	1103.84	3513.24
330	1131.59	3505.12
331	1148.00	3473.37
332	1176.18	3399.29
333	1175.29	3373.15
334	1180.29	3363.18
335	1191.21	3354.46
336	1273.79	3264.15
337	1305.05	3248.26
338	1313.80	3237.98
339	1331.61	3207.47
340	1340.36	3195.64
341	1362.19	3182.86
342	1380.27	3179.11
343	1399.59	3178.47
344	1413.60	3183.44
345	1433.21	3195.56
346	1449.41	3197.41
347	1475.29	3184.32
348	1503.69	3159.41

349	1512.15	3136.68
350	1517.46	3129.52
351	1527.13	3118.93
352	1562.39	3094.01
353	1563.55	3096.19
354	1528.61	3120.95
355	1513.94	3136.99
356	1505.95	3159.56
357	1479.19	3184.32
358	1449.25	3199.59
359	1432.74	3197.74
360	1413.36	3186.24
361	1399.04	3180.65
362	1379.64	3181.45
363	1362.96	3185.51
364	1341.75	3197.35
365	1332.46	3210.74
366	1317.14	3238.13
367	1307.93	3249.97
368	1275.73	3266.17
369	1212.59	3334.37
370	1193.66	3356.17
371	1182.27	3364.27
372	1177.82	3373.30
373	1178.51	3399.28
374	1150.69	3473.52
375	1133.61	3506.52
376	1104.15	3514.95
377	1077.43	3517.46
378	1048.13	3522.93
379	1038.46	3527.14
380	1014.04	3550.34
381	997.17	3561.67
382	977.49	3564.56
383	966.16	3568.41
384	957.43	3571.04
385	927.64	3605.29
386	914.29	3613.95
387	893.56	3613.84
388	880.68	3612.74
389	871.63	3620.24
390	866.01	3622.73
391	818.28	3618.95
392	788.61	3628.32
393	771.71	3642.09
394	765.78	3645.21
395	724.65	3651.93
396	703.02	3654.50
397	695.92	3650.37
398	683.78	3650.09
399	657.09	3643.22

400	635.85	3648.30
401	615.72	3651.11
402	610.56	3647.13
403	596.20	3646.89
404	581.21	3652.67
405	570.61	3661.54
406	561.20	3680.75
407	523.64	3702.17
408	513.07	3712.40
409	498.68	3715.85
410	483.66	3724.76
411	471.39	3724.85
412	437.91	3738.46
413	421.42	3741.20
414	413.27	3753.07
415	380.58	3759.03
416	367.13	3767.32
417	325.60	3824.49
418	308.07	3837.78
419	291.97	3838.26
420	274.78	3833.59
421	258.70	3822.99
422	244.79	3818.16
423	223.53	3818.17
424	210.55	3822.71
425	189.22	3830.72
426	175.33	3838.75
427	163.09	3842.32
428	146.33	3839.96
429	127.09	3845.44
430	110.65	3857.42
431	88.28	3880.03
432	57.94	3890.20
433	38.52	3908.14
434	18.00	3929.58
435	15.22	3957.91
436	29.72	3971.50
437	35.66	3982.75
438	42.16	3988.23
439	42.92	3990.65
440	41.65	4002.00
441	39.73	4006.97
442	22.79	4038.44
443	19.34	4051.57
444	6.98	4066.22
445	0.74	4095.41
446	0.74	4115.80
447	-12.58	4122.02
448	-40.25	4122.66
449	-57.16	4135.79
450	-82.27	4146.19

451	-89.63	4152.91
452	-99.64	4156.98
453	-129.65	4156.07
454	-142.42	4160.15
455	-169.68	4206.45
456	-186.75	4234.11
457	-213.05	4285.87
458	-219.90	4316.08
459	-224.65	4350.90
460	-240.09	4368.61
461	-254.78	4372.24
462	-303.23	4356.51
463	-313.79	4356.77
464	-333.12	4352.38
465	-339.05	4348.52
466	-345.75	4333.58
467	-393.32	4302.88
468	-431.31	4275.35
469	-445.22	4269.67
470	-485.16	4263.22
471	-545.14	4278.73
472	-567.34	4279.53
473	-601.43	4287.99
474	-617.86	4292.37
475	-664.88	4319.81
476	-677.86	4321.85
477	-689.98	4327.71
478	-715.47	4328.51
479	-770.35	4337.77
480	-794.67	4341.04
481	-855.49	4378.67
482	-864.54	4383.75
483	-877.67	4386.10
484	-907.76	4385.26
485	-928.71	4383.72
486	-943.24	4379.99
487	-959.33	4374.07
488	-967.46	4375.17
489	-985.62	4387.98
490	-997.06	4391.54
491	-1013.54	4398.22
492	-1030.02	4400.08
493	-1041.77	4399.15
494	-1061.55	4395.68
495	-1069.63	4389.23
496	-1085.43	4388.54
497	-1127.39	4376.50
498	-1144.00	4370.62
499	-1153.97	4369.61
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504	-1223.83	4388.92
505	-1237.10	4393.06
506	-1248.04	4394.12
507	-1268.83	4388.20
508	-1280.71	4388.50
509	-1302.09	4391.71
510	-1312.57	4395.43
511	-1325.80	4401.47
512	-1330.03	4406.63
513	-1331.04	4414.40
514	-1331.80	4417.36
515	-1348.15	4425.94
516	-1354.75	4425.35
517	-1377.23	4416.98
518	-1389.65	4408.36
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521	-1419.74	4380.38
522	-1427.59	4376.36
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525	-1466.06	4392.89
526	-1487.87	4404.05
527	-1498.09	4414.78
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531	-1547.96	4409.04
532	-1554.89	4410.56
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535	-1588.53	4412.59
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542	-1672.35	4427.02
543	-1685.45	4424.57
544	-1699.20	4420.17
545	-1706.93	4415.00
546	-1714.65	4404.92
547	-1725.49	4398.00
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551	-1782.44	4415.82
552	-1789.50	4437.50

553	-1795.58	4442.74
554	-1814.81	4443.20
555	-1827.39	4448.48
556	-1847.86	4463.19
557	-1855.17	4466.24
558	-1863.37	4469.62
559	-1880.90	4469.83
560	-1889.44	4468.90
561	-1901.95	4465.09
562	-1917.92	4456.81
563	-1935.33	4439.57
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565	-1958.70	4452.97
566	-1973.24	4450.18
567	-1980.85	4443.16
568	-1986.60	4431.33
569	-1990.15	4418.14
570	-1989.89	4409.86
571	-1995.43	4402.89
572	-2002.27	4402.89
573	-2017.83	4397.99
574	-2051.67	4396.51
575	-2073.02	4398.41
576	-2094.48	4391.73
577	-2119.13	4380.36
578	-2153.65	4360.20
579	-2188.30	4340.59
580	-2210.06	4321.45
581	-2234.03	4302.23
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583	-2280.56	4283.34
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585	-2304.31	4261.19
586	-2310.85	4257.85
587	-2341.28	4256.84
588	-2350.08	4251.94
589	-2360.68	4238.20
590	-2377.59	4236.09
591	-2406.02	4228.53
592	-2433.41	4222.18
593	-2442.54	4211.03
594	-2460.75	4209.72
595	-2519.73	4188.49
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597	-2539.69	4188.67
598	-2543.24	4180.64
599	-2548.65	4178.53
600	-2561.63	4196.40
601	-2570.93	4202.91
602	-2580.29	4203.20
603	-2616.02	4188.41

604	-2636.73	4185.39
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619	-2916.02	4260.39
620	-2940.23	4267.02
621	-2957.05	4262.21
622	-2966.47	4253.12
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624	-2971.38	4236.97
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626	-3005.14	4243.86
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628	-3017.69	4270.11
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630	-3018.20	4293.10
631	-3016.34	4304.59
632	-3018.33	4310.30
633	-3025.17	4318.92
634	-3035.28	4348.79
635	-3042.04	4359.78
636	-3038.49	4368.40
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638	-3051.20	4411.05
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642	-3070.56	4471.05
643	-3075.80	4479.08
644	-3086.03	4484.07
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665	-3379.61	4708.17
666	-3396.22	4719.97
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668	-3424.23	4766.07
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670	-3434.29	4788.38
671	-3438.52	4792.94
672	-3448.32	4794.46
673	-3453.05	4794.63
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677	-3522.32	4848.01
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680	-3573.80	4872.78
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688	-3576.63	4983.29
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698	-3630.29	5201.77
699	-3641.79	5206.08
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703	-3678.76	5255.90
704	-3687.59	5258.57
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707	-3732.61	5266.38
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725	-3930.29	5429.64
726	-3939.19	5434.43
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744	-4178.36	5691.52
745	-4192.09	5693.33
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747	-4207.35	5704.79
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756	-4338.61	5805.03

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762	-4403.99	5865.67
763	-4414.72	5870.15
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765	-4439.86	5872.73
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775	-4515.51	5865.12
776	-4520.67	5866.89
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786	-4511.69	5862.88
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792	-4460.02	5863.73
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797	-4408.54	5865.55
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1195	309.58	2670.90
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1356	-746.90	1380.59
1357	-747.78	1368.15
1358	-752.52	1342.09
1359	-749.85	1331.73
1360	-743.05	1321.07
1361	-737.42	1308.06
1362	-733.87	1297.98
1363	-733.57	1288.20
1364	-740.38	1277.55
1365	-749.85	1258.31
1366	-749.26	1245.87
1367	-753.70	1239.96
1368	-759.18	1228.11

1369	-759.77	1217.32
1370	-763.47	1203.68
1371	-771.91	1192.89
1372	-773.83	1185.78
1373	-774.13	1174.99
1374	-783.90	1156.18
1375	-783.45	1147.43
1376	-785.38	1134.70
1377	-788.34	1130.56
1378	-807.14	1112.66
1379	-815.81	1103.06
1380	-818.83	1096.97
1381	-818.54	1078.31
1382	-825.35	1054.05
1383	-829.20	1048.71
1384	-830.68	1040.41
1385	-828.31	1030.95
1386	-827.72	1017.91
1387	-830.08	1011.72
1388	-833.93	1003.71
1389	-840.15	996.32
1390	-846.07	991.86
1391	-852.58	982.99
1392	-857.62	973.82
1393	-858.50	961.09
1394	-855.84	950.44
1395	-850.51	938.87
1396	-847.55	925.55
1397	-853.17	898.90
1398	-854.36	888.25
1399	-879.52	837.62
1400	-891.96	822.54
1401	-887.81	817.79
1402	-888.55	813.95
1403	-891.07	810.98
1404	-897.58	807.73
1405	-904.54	802.39
1406	-910.46	792.03
1407	-914.31	782.11
1408	-915.35	776.34
1409	-921.71	764.81
1410	-942.73	710.63
1411	-962.57	673.61
1412	-992.02	639.27
1413	-1004.16	629.21
1414	-1011.27	618.27
1415	-1016.00	615.15
1416	-1018.37	610.40
1417	-1019.10	603.68
1418	-1024.00	597.98
1419	-1029.62	593.10

1420	-1052.86	557.87
1421	-1054.49	552.67
1422	-1055.08	545.28
1423	-1061.74	520.85
1424	-1065.74	497.76
1425	-1071.21	491.99
1426	-1075.80	485.03
1427	-1085.57	477.33
1428	-1101.85	452.76
1429	-1106.30	440.93
1430	-1120.70	429.75
1431	-1127.91	416.36
1432	-1130.57	405.11
1433	-1135.02	397.70
1434	-1147.15	386.16
1435	-1175.57	363.66
1436	-1185.64	357.73

р. Рахма

Система координат – местная Нижегородская

Номер и координаты характерных точек береговой линии (границы водного объекта)		
№ точки на картографическом материале	X, м	Y, м
г. Нижний Новгород, Приокский район		
1	-6182.00	961.90
2	-6184.50	967.80
3	-6186.90	976.60
4	-6191.60	984.50
5	-6198.00	990.10
6	-6203.30	998.90
7	-6207.30	1018.00
8	-6207.50	1038.10
9	-6204.80	1048.00
10	-6203.00	1060.60
11	-6202.80	1066.30
12	-6196.70	1074.00
13	-6194.20	1078.10
14	-6190.90	1092.20
15	-6185.80	1100.40
16	-6182.30	1107.80
17	-6176.30	1119.80
18	-6161.30	1130.50
19	-6153.90	1139.10
20	-6161.60	1149.50
21	-6164.20	1157.30
22	-6165.20	1166.90
23	-6168.30	1174.50
24	-6170.30	1180.10
25	-6170.70	1188.10
26	-6170.00	1198.60
27	-6171.10	1205.10
28	-6174.60	1213.00
29	-6179.70	1221.00
30	-6186.50	1227.30
31	-6193.10	1231.70
32	-6205.30	1243.80
33	-6212.60	1255.50
34	-6224.10	1263.80
35	-6229.00	1269.60
36	-6237.00	1276.70
37	-6240.80	1284.10
38	-6238.90	1291.10
39	-6239.70	1299.00
40	-6234.80	1322.90
41	-6235.60	1339.90
42	-6237.80	1353.50
43	-6236.60	1365.70

44	-6240.40	1387.50
45	-6243.20	1411.90
46	-6243.20	1421.70
47	-6246.80	1444.50
48	-6247.30	1452.70
49	-6251.50	1468.00
50	-6255.60	1476.50
51	-6255.60	1481.60
52	-6258.20	1488.50
53	-6261.70	1493.80
54	-6265.30	1498.20
55	-6269.80	1505.90
56	-6269.70	1512.10
57	-6272.90	1520.20
58	-6274.10	1526.60
59	-6281.90	1538.90
60	-6292.50	1549.70
61	-6298.20	1554.50
62	-6300.60	1565.90
63	-6302.90	1569.90
64	-6299.70	1580.20
65	-6300.20	1586.20
66	-6308.70	1596.10
67	-6310.40	1600.60
68	-6308.00	1616.60
69	-6309.10	1625.40
70	-6314.10	1628.80
71	-6320.40	1632.10
72	-6333.40	1642.20
73	-6334.30	1648.30
74	-6336.30	1655.20
75	-6342.80	1664.40
76	-6346.80	1668.20
77	-6351.90	1669.50
78	-6357.60	1669.70
79	-6362.20	1670.30
80	-6363.70	1673.60
81	-6363.80	1678.60
82	-6358.80	1690.10
83	-6362.00	1693.10
84	-6364.80	1696.50
85	-6366.20	1702.40
86	-6365.20	1707.20
87	-6367.80	1710.60
88	-6376.20	1710.30
89	-6383.60	1709.30
90	-6385.50	1709.40
91	-6392.70	1715.90
92	-6397.70	1725.00
93	-6400.20	1728.60
94	-6395.40	1733.70

95	-6391.20	1740.10
96	-6392.30	1746.30
97	-6395.70	1751.10
98	-6396.60	1755.60
99	-6396.90	1761.30
100	-6399.20	1762.30
101	-6402.60	1761.40
102	-6406.10	1759.60
103	-6411.20	1759.60
104	-6417.80	1762.00
105	-6420.10	1765.30
106	-6416.20	1768.60
107	-6413.20	1774.60
108	-6412.80	1782.00
109	-6414.80	1787.50
110	-6420.10	1794.60
111	-6426.30	1798.90
112	-6429.80	1803.30
113	-6433.30	1810.10
114	-6439.40	1810.40
115	-6444.50	1817.10
116	-6449.00	1818.80
117	-6451.30	1821.70
118	-6451.80	1825.40
119	-6451.30	1836.80
120	-6453.20	1852.60
121	-6451.70	1872.70
122	-6452.80	1879.20
123	-6455.60	1885.10
124	-6461.30	1888.80
125	-6464.30	1895.50
126	-6459.10	1906.70
127	-6461.00	1912.00
128	-6467.10	1916.60
129	-6471.10	1924.20
130	-6471.70	1932.40
131	-6475.60	1940.50
132	-6487.40	1945.30
133	-6492.20	1949.20
134	-6494.70	1957.20
135	-6494.70	1963.80
136	-6498.00	1979.00
137	-6504.70	1988.40
138	-6511.40	1995.30
139	-6517.40	2006.30
140	-6525.00	2011.00
141	-6530.70	2016.00
142	-6534.60	2029.20
143	-6534.30	2036.30
144	-6535.40	2040.60
145	-6544.80	2046.70

146	-6544.90	2055.40
147	-6544.40	2060.90
148	-6547.30	2072.30
149	-6548.00	2079.20
150	-6554.00	2089.60
151	-6554.30	2107.70
152	-6558.50	2110.70
153	-6567.50	2113.70
154	-6571.40	2113.40
155	-6585.30	2119.30
156	-6590.80	2118.20
157	-6595.60	2112.00
158	-6598.50	2102.10
159	-6603.60	2101.70
160	-6607.40	2098.90
161	-6612.80	2097.30
162	-6620.90	2103.20
163	-6629.70	2102.00
164	-6635.00	2107.90
165	-6648.20	2113.50
166	-6650.60	2115.90
167	-6651.20	2120.80
168	-6653.80	2126.80
169	-6657.90	2132.30
170	-6659.90	2136.70
171	-6661.30	2142.20
172	-6665.20	2146.00
173	-6672.50	2150.10
174	-6677.70	2149.50
175	-6683.80	2148.20
176	-6688.00	2148.20
177	-6690.60	2152.70
178	-6689.40	2155.60
179	-6684.10	2157.00
180	-6681.50	2160.40
181	-6687.00	2168.50
182	-6690.40	2176.50
183	-6689.90	2183.60
184	-6690.90	2190.80
185	-6695.10	2197.50
186	-6699.20	2205.10
187	-6699.20	2212.10
188	-6696.30	2226.60
189	-6691.70	2232.50
190	-6687.50	2239.20
191	-6679.60	2242.10
192	-6679.20	2250.10
193	-6685.20	2257.80
194	-6688.60	2268.20
195	-6694.20	2273.50
196	-6700.10	2275.10

197	-6705.40	2276.00
198	-6714.50	2287.10
199	-6715.90	2291.00
200	-6719.10	2294.60
201	-6723.20	2297.20
202	-6723.80	2299.20
203	-6724.40	2304.60
204	-6729.60	2310.50
205	-6744.20	2320.80
206	-6752.20	2329.70
207	-6756.20	2337.50
208	-6761.60	2342.60
209	-6770.60	2349.10
210	-6787.20	2354.70
211	-6788.60	2349.80
212	-6795.70	2350.70
213	-6812.20	2356.40
214	-6816.90	2360.90
215	-6826.80	2367.80
216	-6833.40	2373.40
217	-6840.00	2377.20
218	-6844.80	2385.00
219	-6846.30	2392.20
220	-6848.40	2395.80
221	-6846.40	2397.30
222	-6841.20	2395.50
223	-6838.70	2398.70
224	-6839.10	2401.90
225	-6838.80	2405.70
226	-6839.60	2410.40
227	-6839.80	2414.60
228	-6845.70	2418.60
229	-6850.10	2424.30
230	-6850.80	2427.70
231	-6853.00	2430.70
232	-6856.70	2432.20
233	-6857.90	2433.80
234	-6858.50	2438.10
235	-6859.90	2441.40
236	-6862.20	2443.30
237	-6865.10	2443.50
238	-6870.60	2439.50
239	-6871.80	2439.60
240	-6878.80	2445.60
241	-6882.20	2446.00
242	-6889.10	2443.40
243	-6894.50	2444.80
244	-6895.90	2447.70
245	-6896.30	2455.60
246	-6900.00	2460.50
247	-6903.50	2467.50

248	-6907.80	2473.80
249	-6909.60	2479.30
250	-6908.40	2492.10
251	-6903.60	2498.00
252	-6898.90	2511.00
253	-6894.40	2519.20
254	-6888.50	2523.50
255	-6888.80	2528.70
256	-6893.50	2530.60
257	-6895.80	2543.10
258	-6892.70	2549.40
259	-6884.90	2558.20
260	-6883.40	2564.20
261	-6886.10	2569.00
262	-6894.60	2577.50
263	-6895.20	2582.40
264	-6890.90	2594.20
265	-6890.00	2599.60
266	-6888.50	2613.60
267	-6883.90	2618.90
268	-6881.80	2628.20
269	-6883.70	2637.90
270	-6891.80	2641.70
271	-6900.40	2643.00
272	-6903.50	2648.00
273	-6914.40	2658.30
274	-6921.40	2659.80
275	-6932.70	2668.30
276	-6942.40	2674.40
277	-6945.90	2680.20
278	-6946.50	2695.10
279	-6947.20	2706.00
280	-6946.50	2716.00
281	-6947.00	2723.80
282	-6949.80	2725.70
283	-6955.20	2724.80
284	-6960.50	2720.60
285	-6968.30	2718.90
286	-6974.70	2722.70
287	-6977.00	2726.70
288	-6978.40	2736.10
289	-6978.80	2747.90
290	-6982.20	2750.70
291	-6988.20	2752.60
292	-6991.40	2755.30
293	-6995.90	2755.70
294	-7001.60	2755.30
295	-7003.20	2756.10
296	-7007.00	2767.40
297	-7013.90	2765.00
298	-7021.20	2771.60

299	-7027.30	2771.40
300	-7030.50	2772.20
301	-7034.90	2778.20
302	-7041.10	2782.10
303	-7044.40	2787.10
304	-7048.70	2791.40
305	-7050.40	2796.60
306	-7055.90	2801.60
307	-7058.40	2807.20
308	-7072.20	2815.70
309	-7079.20	2823.90
310	-7083.30	2846.00
311	-7083.70	2852.50
312	-7094.40	2861.90
313	-7099.20	2871.50
314	-7105.00	2877.80
315	-7110.20	2889.00
316	-7109.70	2892.00
317	-7106.20	2896.30
318	-7099.90	2902.30
319	-7104.20	2915.90
320	-7101.20	2925.80
321	-7098.50	2931.30
322	-7100.90	2940.60
323	-7105.20	2947.60
324	-7108.00	2955.80
325	-7105.20	2960.70
326	-7098.00	2966.80
327	-7095.40	2971.80
328	-7100.10	2983.20
329	-7098.90	2991.30
330	-7096.00	3001.60
331	-7091.30	3006.70
332	-7089.30	3010.90
333	-7085.30	3014.30
334	-7084.00	3021.40
335	-7073.40	3033.30
336	-7074.00	3036.20
337	-7072.50	3041.80
338	-7073.10	3046.00
339	-7077.30	3059.90
340	-7081.10	3061.90
341	-7084.30	3061.50
342	-7086.50	3061.20
343	-7087.90	3062.60
344	-7088.70	3066.40
345	-7088.40	3070.80
346	-7086.40	3075.80
347	-7085.10	3079.70
348	-7081.80	3083.20
349	-7082.40	3089.30

350	-7084.10	3095.20
351	-7088.30	3097.90
352	-7091.00	3102.30
353	-7092.70	3109.40
354	-7092.40	3113.60
355	-7089.90	3117.10
356	-7083.30	3118.50
357	-7078.80	3121.00
358	-7068.80	3132.50
359	-7067.10	3138.40
360	-7066.30	3143.50
361	-7067.50	3148.70
362	-7072.00	3152.20
363	-7077.80	3152.20
364	-7083.40	3149.30
365	-7085.90	3144.40
366	-7088.30	3141.50
367	-7092.10	3140.40
368	-7093.40	3141.30
369	-7094.40	3145.50
370	-7094.30	3151.00
371	-7092.00	3155.70
372	-7084.90	3158.70
373	-7079.80	3162.10
374	-7075.20	3167.10
375	-7073.40	3172.50
376	-7074.90	3176.40
377	-7078.10	3176.00
378	-7081.60	3177.90
379	-7090.70	3187.30
380	-7099.00	3196.80
381	-7099.00	3199.40
382	-7083.90	3203.80
383	-7084.50	3208.70
384	-7088.50	3215.90
385	-7092.10	3218.40
386	-7095.60	3218.40
387	-7100.60	3216.60
388	-7103.30	3216.60
389	-7106.60	3219.70
390	-7113.10	3220.20
391	-7116.40	3221.00
392	-7118.80	3225.50
393	-7118.70	3231.20
394	-7110.70	3237.60
395	-7107.00	3242.10
396	-7106.00	3249.50
397	-7096.60	3254.60
398	-7104.50	3268.50
399	-7105.60	3267.50
400	-7098.60	3255.20

401	-7107.40	3250.50
402	-7108.40	3242.70
403	-7111.70	3238.60
404	-7120.10	3232.00
405	-7120.40	3225.10
406	-7117.40	3219.60
407	-7113.30	3218.80
408	-7107.20	3218.30
409	-7103.90	3215.20
410	-7100.40	3215.00
411	-7095.40	3216.90
412	-7092.50	3216.90
413	-7089.70	3214.90
414	-7085.90	3208.30
415	-7085.50	3204.80
416	-7100.60	3200.60
417	-7100.40	3196.20
418	-7091.70	3186.30
419	-7082.60	3176.70
420	-7078.30	3174.40
421	-7075.90	3174.80
422	-7075.00	3172.50
423	-7076.60	3167.90
424	-7080.80	3163.30
425	-7085.70	3160.10
426	-7093.20	3156.90
427	-7095.70	3151.40
428	-7096.00	3145.30
429	-7094.80	3140.30
430	-7092.30	3138.80
431	-7087.50	3140.10
432	-7084.70	3143.60
433	-7082.20	3148.10
434	-7077.40	3150.70
435	-7072.60	3150.70
436	-7068.90	3147.90
437	-7067.90	3143.50
438	-7068.50	3138.80
439	-7070.20	3133.30
440	-7079.80	3122.20
441	-7083.90	3119.90
442	-7090.70	3118.50
443	-7093.80	3114.20
444	-7094.30	3109.20
445	-7092.40	3101.70
446	-7089.50	3096.90
447	-7085.30	3094.20
448	-7083.80	3089.10
449	-7083.40	3083.80
450	-7086.50	3080.50
451	-7087.80	3076.40

452	-7089.80	3071.20
453	-7090.30	3066.30
454	-7089.30	3061.80
455	-7087.10	3059.60
456	-7084.10	3060.10
457	-7081.30	3060.30
458	-7078.50	3058.90
459	-7074.50	3045.80
460	-7074.10	3042.00
461	-7075.60	3036.20
462	-7075.00	3033.70
463	-7085.40	3022.00
464	-7086.70	3015.10
465	-7090.50	3011.90
466	-7092.50	3007.50
467	-7097.40	3002.40
468	-7100.30	2991.70
469	-7101.70	2983.00
470	-7097.00	2971.80
471	-7099.20	2967.80
472	-7106.40	2961.70
473	-7109.60	2956.00
474	-7106.60	2947.00
475	-7102.30	2940.00
476	-7100.10	2931.50
477	-7102.60	2926.40
478	-7105.80	2915.90
479	-7101.70	2902.70
480	-7107.40	2897.30
481	-7111.10	2892.60
482	-7111.80	2889.00
483	-7106.20	2876.80
484	-7100.40	2870.70
485	-7095.60	2860.90
486	-7085.10	2851.70
487	-7084.70	2845.80
488	-7080.60	2823.30
489	-7073.20	2814.50
490	-7059.60	2806.20
491	-7057.10	2800.70
492	-7051.80	2795.80
493	-7050.10	2790.60
494	-7045.60	2786.10
495	-7042.10	2781.10
496	-7035.90	2777.00
497	-7031.30	2770.80
498	-7027.50	2769.80
499	-7021.80	2770.00
500	-7014.30	2763.20
501	-7008.00	2765.40
502	-7004.40	2755.10

503	-7002.00	2753.70
504	-6995.90	2754.10
505	-6992.00	2753.90
506	-6989.00	2751.20
507	-6983.00	2749.30
508	-6980.20	2747.10
509	-6979.80	2735.90
510	-6978.40	2726.30
511	-6975.90	2721.70
512	-6968.50	2717.30
513	-6959.90	2719.20
514	-6954.60	2723.40
515	-6950.20	2724.10
516	-6948.40	2723.00
517	-6948.10	2716.00
518	-6948.80	2706.00
519	-6947.90	2695.10
520	-6947.30	2679.80
521	-6943.50	2673.40
522	-6933.50	2667.10
523	-6922.00	2658.40
524	-6915.20	2656.90
525	-6904.70	2647.00
526	-6901.20	2641.60
527	-6892.20	2640.30
528	-6885.10	2636.90
529	-6883.40	2628.20
530	-6885.30	2619.50
531	-6889.90	2614.20
532	-6891.40	2599.80
533	-6892.30	2594.60
534	-6896.80	2582.60
535	-6896.00	2576.90
536	-6887.30	2568.00
537	-6885.00	2564.00
538	-6886.30	2559.00
539	-6893.90	2550.20
540	-6897.40	2543.30
541	-6894.70	2529.40
542	-6890.20	2527.70
543	-6890.10	2524.30
544	-6895.60	2520.20
545	-6900.30	2511.60
546	-6905.00	2498.80
547	-6909.80	2492.70
548	-6911.20	2479.10
549	-6909.20	2473.20
550	-6904.70	2466.70
551	-6901.20	2459.70
552	-6897.70	2455.00
553	-6897.40	2447.30

554	-6895.50	2443.60
555	-6889.10	2441.80
556	-6882.00	2444.40
557	-6879.40	2444.20
558	-6872.40	2438.20
559	-6870.20	2437.90
560	-6864.70	2441.90
561	-6862.80	2441.90
562	-6861.10	2440.40
563	-6859.90	2437.70
564	-6859.30	2433.20
565	-6857.70	2431.00
566	-6854.00	2429.50
567	-6852.20	2427.10
568	-6851.50	2423.70
569	-6846.70	2417.40
570	-6841.20	2413.80
571	-6841.00	2410.20
572	-6840.40	2405.70
573	-6840.70	2401.90
574	-6840.30	2399.10
575	-6841.80	2397.30
576	-6846.60	2398.90
577	-6850.40	2396.20
578	-6847.70	2391.60
579	-6846.20	2384.40
580	-6841.00	2376.00
581	-6834.20	2372.20
582	-6827.80	2366.60
583	-6817.90	2359.70
584	-6813.00	2355.00
585	-6796.10	2349.30
586	-6787.60	2348.20
587	-6786.20	2352.70
588	-6771.20	2347.70
589	-6762.60	2341.40
590	-6757.40	2336.50
591	-6753.40	2328.90
592	-6745.20	2319.60
593	-6730.60	2309.30
594	-6725.80	2304.00
595	-6725.20	2298.80
596	-6724.40	2296.20
597	-6720.10	2293.40
598	-6717.30	2290.20
599	-6715.90	2286.30
600	-6706.20	2274.60
601	-6700.50	2273.70
602	-6695.00	2272.10
603	-6690.00	2267.40
604	-6686.60	2257.00

605	-6680.80	2249.70
606	-6681.00	2243.10
607	-6688.50	2240.40
608	-6692.90	2233.30
609	-6697.70	2227.20
610	-6700.70	2212.10
611	-6700.70	2204.70
612	-6696.30	2196.70
613	-6692.30	2190.20
614	-6691.50	2183.60
615	-6692.00	2176.30
616	-6688.40	2167.70
617	-6683.30	2160.40
618	-6684.90	2158.40
619	-6690.60	2156.80
620	-6692.20	2152.50
621	-6688.80	2146.80
622	-6683.60	2146.60
623	-6677.50	2148.10
624	-6672.90	2148.50
625	-6666.20	2144.80
626	-6662.70	2141.40
627	-6661.30	2136.30
628	-6659.30	2131.50
629	-6655.20	2126.00
630	-6652.60	2120.40
631	-6652.00	2115.10
632	-6649.00	2112.30
633	-6635.80	2106.70
634	-6630.30	2100.40
635	-6621.30	2101.60
636	-6613.00	2095.70
637	-6606.80	2097.50
638	-6603.00	2100.30
639	-6597.30	2100.70
640	-6594.20	2111.40
641	-6590.00	2116.80
642	-6585.50	2117.70
643	-6571.60	2111.80
644	-6567.70	2112.10
645	-6559.10	2109.30
646	-6555.70	2106.90
647	-6555.50	2089.20
648	-6549.40	2078.80
649	-6548.70	2072.10
650	-6546.00	2060.70
651	-6546.40	2055.40
652	-6546.20	2045.90
653	-6536.80	2039.60
654	-6535.90	2036.10
655	-6536.20	2029.00

656	-6531.90	2015.20
657	-6525.80	2009.80
658	-6518.60	2005.30
659	-6512.60	1994.50
660	-6505.90	1987.40
661	-6499.40	1978.40
662	-6496.20	1963.60
663	-6496.20	1957.00
664	-6493.50	1948.40
665	-6488.20	1943.90
666	-6476.80	1939.30
667	-6473.10	1932.00
668	-6472.50	1923.80
669	-6468.30	1915.60
670	-6462.20	1911.00
671	-6460.70	1906.70
672	-6465.90	1895.50
673	-6462.50	1887.80
674	-6456.80	1884.10
675	-6454.20	1878.80
676	-6453.30	1872.70
677	-6454.80	1852.60
678	-6452.90	1836.80
679	-6453.40	1825.40
680	-6452.70	1821.10
681	-6450.00	1817.60
682	-6445.50	1815.90
683	-6440.20	1809.00
684	-6434.30	1808.70
685	-6431.00	1802.50
686	-6427.30	1797.70
687	-6421.10	1793.60
688	-6416.20	1786.70
689	-6414.40	1781.80
690	-6414.60	1775.00
691	-6417.40	1769.60
692	-6422.10	1765.50
693	-6418.80	1760.80
694	-6411.40	1758.20
695	-6405.70	1758.00
696	-6402.00	1760.00
697	-6399.40	1760.70
698	-6398.30	1760.30
699	-6398.00	1755.40
700	-6397.10	1750.50
701	-6393.70	1745.70
702	-6392.80	1740.50
703	-6396.60	1734.70
704	-6402.20	1728.80
705	-6398.90	1724.20
706	-6393.90	1714.90

707	-6386.10	1708.00
708	-6383.60	1707.70
709	-6376.00	1708.90
710	-6368.60	1709.00
711	-6366.80	1706.80
712	-6367.80	1702.40
713	-6366.20	1695.90
714	-6363.10	1692.10
715	-6360.60	1689.70
716	-6365.40	1678.80
717	-6365.10	1673.20
718	-6363.20	1668.90
719	-6357.80	1668.30
720	-6352.10	1668.10
721	-6347.60	1666.80
722	-6344.00	1663.40
723	-6337.70	1654.60
724	-6335.70	1647.90
725	-6334.80	1641.40
726	-6321.20	1630.90
727	-6314.90	1627.60
728	-6310.50	1624.60
729	-6309.60	1616.60
730	-6312.00	1600.40
731	-6309.90	1595.30
732	-6301.60	1585.60
733	-6301.30	1580.40
734	-6304.50	1569.70
735	-6302.00	1565.30
736	-6299.60	1553.70
737	-6293.50	1548.60
738	-6283.10	1537.90
739	-6275.50	1526.00
740	-6274.30	1519.80
741	-6271.30	1511.90
742	-6271.40	1505.50
743	-6266.50	1497.40
744	-6262.90	1493.00
745	-6259.60	1487.90
746	-6257.10	1481.40
747	-6257.10	1476.10
748	-6252.90	1467.40
749	-6248.70	1452.50
750	-6248.20	1444.30
751	-6244.70	1421.70
752	-6244.70	1411.70
753	-6241.80	1387.30
754	-6238.20	1365.70
755	-6239.40	1353.50
756	-6237.00	1339.70
757	-6236.40	1323.10

758	-6241.30	1299.00
759	-6240.50	1291.30
760	-6242.40	1283.90
761	-6238.20	1275.70
762	-6230.00	1268.60
763	-6225.10	1262.60
764	-6213.80	1254.50
765	-6206.50	1242.80
766	-6194.10	1230.50
767	-6187.50	1226.10
768	-6180.90	1220.00
769	-6176.00	1212.20
770	-6172.50	1204.70
771	-6171.60	1198.40
772	-6172.30	1188.10
773	-6171.70	1179.70
774	-6169.70	1173.90
775	-6166.60	1166.50
776	-6165.60	1156.90
777	-6163.00	1148.70
778	-6155.50	1138.70
779	-6162.30	1131.70
780	-6177.30	1120.80
781	-6183.70	1108.40
782	-6187.20	1101.20
783	-6192.30	1092.80
784	-6195.60	1078.70
785	-6197.90	1074.80
786	-6204.20	1066.90
787	-6204.40	1060.80
788	-6206.20	1048.20
789	-6208.90	1038.30
790	-6208.70	1017.80
791	-6204.70	998.30
792	-6199.20	989.10
793	-6192.80	983.50
794	-6188.30	975.80
795	-6185.90	967.40
796	-6183.60	961.70

р. Гниличка

Система координат – местная Нижегородская

Номер и координаты характерных точек береговой линии (границы водного объекта)		
№ точки на картографическом материале	X, м	Y, м
г. Нижний Новгород, Автозаводский район Нижегородской области		
1	-9446.80	-16507.90
2	-9452.90	-16497.60
3	-9462.00	-16458.20
4	-9474.00	-16451.10
5	-9514.30	-16470.90
6	-9526.80	-16454.90
7	-9516.50	-16426.50
8	-9527.80	-16397.30
9	-9535.80	-16396.40
10	-9542.10	-16404.60
11	-9551.60	-16411.50
12	-9560.90	-16411.50
13	-9573.40	-16410.20
14	-9580.50	-16405.90
15	-9588.20	-16388.80
16	-9595.00	-16382.50
17	-9601.20	-16379.80
18	-9607.50	-16380.70
19	-9611.60	-16384.00
20	-9618.40	-16389.50
21	-9622.20	-16390.30
22	-9628.80	-16388.10
23	-9629.70	-16385.10
24	-9633.20	-16370.20
25	-9613.60	-16347.90
26	-9604.10	-16343.30
27	-9589.60	-16340.70
28	-9555.30	-16313.30
29	-9540.30	-16280.50
30	-9533.00	-16256.50
31	-9526.70	-16251.00
32	-9518.50	-16248.50
33	-9490.90	-16235.60
34	-9483.30	-16234.00
35	-9479.20	-16236.30
36	-9475.40	-16245.80
37	-9466.80	-16260.60
38	-9458.70	-16267.70
39	-9449.70	-16268.60
40	-9439.10	-16265.10
41	-9421.40	-16242.00
42	-9419.10	-16230.90

43	-9425.80	-16221.00
44	-9439.70	-16216.70
45	-9451.70	-16221.00
46	-9457.40	-16223.50
47	-9465.30	-16220.90
48	-9471.60	-16202.40
49	-9478.50	-16197.30
50	-9477.90	-16190.60
51	-9468.70	-16181.30
52	-9461.60	-16179.60
53	-9454.00	-16166.60
54	-9453.00	-16147.90
55	-9443.80	-16128.80
56	-9449.10	-16118.80
57	-9458.90	-16115.10
58	-9464.60	-16110.20
59	-9462.50	-16104.70
60	-9450.70	-16103.00
61	-9450.70	-16094.00
62	-9444.20	-16088.80
63	-9433.00	-16087.70
64	-9418.60	-16082.40
65	-9412.00	-16061.40
66	-9396.00	-16000.30
67	-9394.80	-15993.60
68	-9403.00	-15979.30
69	-9404.00	-15963.10
70	-9410.30	-15952.30
71	-9410.00	-15937.70
72	-9413.50	-15923.80
73	-9410.30	-15888.50
74	-9415.40	-15891.10
75	-9419.90	-15886.90
76	-9427.20	-15884.10
77	-9426.80	-15877.70
78	-9431.90	-15871.40
79	-9412.20	-15836.50
80	-9389.20	-15817.20
81	-9382.90	-15805.50
82	-9379.70	-15788.70
83	-9383.20	-15787.40
84	-9385.70	-15789.90
85	-9391.40	-15804.20
86	-9395.60	-15805.20
87	-9397.80	-15799.80
88	-9395.90	-15789.30
89	-9388.90	-15775.30
90	-9390.80	-15759.80
91	-9388.30	-15753.80
92	-9384.40	-15753.80
93	-9377.50	-15760.40

94	-9374.30	-15757.20
95	-9374.00	-15747.40
96	-9394.30	-15715.70
97	-9401.30	-15709.60
98	-9403.90	-15709.70
99	-9405.20	-15714.90
100	-9409.10	-15716.20
101	-9411.00	-15712.90
102	-9412.80	-15701.90
103	-9415.20	-15699.20
104	-9421.50	-15698.00
105	-9422.80	-15692.10
106	-9408.80	-15670.00
107	-9400.20	-15653.10
108	-9394.80	-15635.50
109	-9387.10	-15622.10
110	-9377.30	-15621.00
111	-9371.60	-15619.30
112	-9361.10	-15623.20
113	-9355.90	-15618.30
114	-9346.40	-15614.40
115	-9340.40	-15614.10
116	-9342.00	-15608.40
117	-9355.70	-15602.70
118	-9349.90	-15583.60
119	-9357.60	-15577.60
120	-9354.70	-15558.90
121	-9362.80	-15534.90
122	-9331.90	-15463.20
123	-9330.50	-15453.40
124	-9340.90	-15435.20
125	-9352.00	-15407.60
126	-9355.10	-15370.20
127	-9350.70	-15346.40
128	-9332.90	-15300.70
129	-9339.90	-15279.40
130	-9359.60	-15269.60
131	-9384.70	-15215.00
132	-9380.20	-15201.60
133	-9388.50	-15183.50
134	-9413.00	-15168.80
135	-9422.30	-15147.10
136	-9432.00	-15136.50
137	-9438.70	-15114.30
138	-9452.60	-15110.60
139	-9465.70	-15083.60
140	-9468.50	-15070.30
141	-9479.00	-15061.80
142	-9489.20	-15038.40
143	-9511.80	-15030.20
144	-9528.00	-15009.30

145	-9547.00	-15004.40
146	-9554.30	-14991.40
147	-9577.70	-14977.70
148	-9589.70	-14964.70
149	-9655.20	-14926.00
150	-9664.40	-14924.10
151	-9670.40	-14909.50
152	-9697.30	-14894.00
153	-9738.90	-14876.10
154	-9751.20	-14863.40
155	-9753.20	-14853.60
156	-9802.40	-14827.80
157	-9832.10	-14803.00
158	-9832.70	-14784.60
159	-9853.70	-14753.60
160	-9886.40	-14729.60
161	-9911.20	-14720.50
162	-9911.10	-14702.60
163	-9937.10	-14677.60
164	-9939.30	-14670.00
165	-9958.70	-14664.70
166	-9966.60	-14662.50
167	-9968.50	-14657.50
168	-10012.10	-14638.00
169	-10030.10	-14645.40
170	-10040.60	-14644.20
171	-10053.60	-14646.80
172	-10063.30	-14652.10
173	-10084.90	-14638.80
174	-10091.00	-14624.90
175	-10091.50	-14619.00
176	-10094.60	-14609.40
177	-10105.60	-14593.60
178	-10113.40	-14578.50
179	-10123.80	-14566.60
180	-10137.00	-14561.50
181	-10143.40	-14561.30
182	-10150.80	-14561.00
183	-10154.80	-14562.60
184	-10168.30	-14562.00
185	-10186.20	-14555.90
186	-10197.50	-14552.80
187	-10204.30	-14552.80
188	-10210.00	-14548.90
189	-10214.30	-14537.20
190	-10226.90	-14458.90
191	-10231.80	-14453.30
192	-10263.10	-14431.70
193	-10266.30	-14432.20
194	-10280.90	-14437.40
195	-10312.10	-14436.60

196	-10320.00	-14430.00
197	-10321.60	-14397.00
198	-10332.40	-14386.20
199	-10349.90	-14384.40
200	-10374.00	-14377.20
201	-10388.00	-14364.30
202	-10422.60	-14351.10
203	-10548.90	-14304.90
204	-10570.50	-14305.90
205	-10586.30	-14299.00
206	-10601.30	-14280.00
207	-10682.40	-14240.00
208	-10708.40	-14244.80
209	-10718.60	-14237.00
210	-10753.40	-14225.20
211	-10850.90	-14195.20
212	-10884.20	-14184.60
213	-10913.10	-14165.40
214	-10935.30	-14163.60
215	-10935.30	-14163.30
216	-10949.20	-14150.70
217	-10961.60	-14149.50
218	-10975.90	-14153.70
219	-10989.60	-14154.70
220	-11028.10	-14171.20
221	-11115.10	-14159.30
222	-11139.40	-14158.10
223	-11149.10	-14161.00
224	-11153.40	-14159.60
225	-11162.90	-14149.50
226	-11195.00	-14144.90
227	-11244.50	-14148.00
228	-11256.10	-14145.00
229	-11271.00	-14150.50
230	-11282.80	-14164.50
231	-11302.40	-14223.70
232	-11309.40	-14232.30
233	-11336.70	-14245.40
234	-11394.60	-14252.50
235	-11412.10	-14267.50
236	-11419.70	-14275.50
237	-11445.10	-14281.20
238	-11482.60	-14281.30
239	-11509.90	-14284.90
240	-11523.50	-14289.10
241	-11547.50	-14289.10
242	-11556.10	-14298.50
243	-11557.10	-14324.90
244	-11562.60	-14361.00
245	-11558.70	-14461.60
246	-11559.80	-14470.30

247	-11557.90	-14496.70
248	-11558.20	-14504.80
249	-11559.80	-14507.30
250	-11561.90	-14509.30
251	-11565.20	-14509.80
252	-11567.50	-14509.50
253	-11568.50	-14508.30
254	-11568.90	-14504.70
255	-11571.90	-14503.50
256	-11591.70	-14506.10
257	-11594.30	-14506.10
258	-11592.80	-14496.20
259	-11594.90	-14494.60
260	-11598.80	-14494.10
261	-11601.30	-14495.90
262	-11605.00	-14501.70
263	-11611.60	-14503.00
264	-11614.70	-14503.00
265	-11621.70	-14500.90
266	-11632.80	-14504.20
267	-11637.80	-14504.90
268	-11639.50	-14504.20
269	-11639.50	-14501.10
270	-11642.80	-14500.30
271	-11646.90	-14502.70
272	-11651.80	-14508.00
273	-11653.70	-14507.50
274	-11656.00	-14505.50
275	-11662.70	-14506.40
276	-11667.20	-14503.60
277	-11680.00	-14499.40
278	-11685.70	-14501.50
279	-11687.00	-14503.00
280	-11687.40	-14508.80
281	-11695.10	-14512.90
282	-11702.40	-14525.90
283	-11708.70	-14529.90
284	-11715.60	-14529.50
285	-11725.20	-14525.70
286	-11735.50	-14525.20
287	-11751.70	-14535.10
288	-11758.20	-14533.60
289	-11763.60	-14530.10
290	-11772.90	-14529.30
291	-11790.30	-14542.60
292	-11805.70	-14541.00
293	-11826.30	-14543.00
294	-11832.00	-14545.00
295	-11839.60	-14551.80
296	-11851.60	-14568.50
297	-11903.20	-14616.30

298	-11941.20	-14658.80
299	-11965.70	-14679.50
300	-11997.70	-14702.60
301	-12005.90	-14719.40
302	-12025.70	-14736.30
303	-12045.10	-14750.40
304	-12049.70	-14750.70
305	-12056.10	-14746.90
306	-12069.60	-14729.20
307	-12089.10	-14699.70
308	-12093.70	-14697.30
309	-12101.00	-14698.60
310	-12119.60	-14706.50
311	-12140.90	-14721.30
312	-12136.30	-14742.40
313	-12127.50	-14759.70
314	-12111.40	-14787.80
315	-12097.30	-14814.70
316	-12083.50	-14871.70
317	-12085.90	-14879.90
318	-12111.90	-14890.70
319	-12125.50	-14897.20
320	-12144.30	-14902.70
321	-12173.90	-14921.20
322	-12186.70	-14923.30
323	-12196.90	-14928.60
324	-12236.30	-14942.30
325	-12254.60	-14945.50
326	-12286.50	-14947.90
327	-12340.00	-14956.30
328	-12415.50	-14970.50
329	-12506.20	-14978.00
330	-12528.10	-14978.20
331	-12542.10	-14969.40
332	-12532.60	-15000.20
333	-12530.70	-14992.40
334	-12508.20	-14984.50
335	-12412.00	-14976.00
336	-12329.40	-14960.10
337	-12286.30	-14954.10
338	-12240.30	-14953.10
339	-12210.00	-14939.40
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342	-12157.90	-14936.90
343	-12134.70	-14927.10
344	-12127.80	-14922.30
345	-12131.90	-14922.00
346	-12158.70	-14933.10
347	-12174.10	-14933.10
348	-12176.30	-14927.70

349	-12141.70	-14905.80
350	-12122.40	-14901.00
351	-12109.40	-14894.10
352	-12081.10	-14883.90
353	-12073.50	-14887.40
354	-12068.20	-14909.50
355	-12052.70	-14938.00
356	-12046.30	-14982.20
357	-12034.60	-15027.10
358	-12036.20	-15050.90
359	-12044.40	-15065.20
360	-12045.00	-15075.70
361	-12022.50	-15132.50
362	-12020.60	-15148.00
363	-12016.50	-15156.00
364	-12011.10	-15152.80
365	-12000.60	-15097.90
366	-11991.70	-15089.00
367	-11980.60	-15089.00
368	-11971.40	-15090.90
369	-11961.90	-15078.90
370	-11977.40	-14978.50
371	-11990.40	-14956.60
372	-12000.20	-14868.00
373	-12027.10	-14806.40
374	-12040.70	-14782.10
375	-12045.80	-14764.30
376	-12042.60	-14756.20
377	-12004.60	-14722.90
378	-11995.70	-14704.20
379	-11954.80	-14673.80
380	-11939.20	-14660.40
381	-11901.80	-14618.30
382	-11850.80	-14572.30
383	-11838.90	-14554.00
384	-11827.50	-14545.40
385	-11804.50	-14543.30
386	-11790.00	-14545.20
387	-11772.20	-14531.50
388	-11763.80	-14532.10
389	-11758.40	-14535.70
390	-11751.80	-14537.50
391	-11736.00	-14527.50
392	-11724.40	-14527.60
393	-11715.20	-14531.90
394	-11707.80	-14531.20
395	-11701.40	-14527.80
396	-11693.30	-14514.30
397	-11685.40	-14510.30
398	-11684.70	-14503.40
399	-11679.10	-14501.60

400	-11669.40	-14504.60
401	-11663.50	-14508.50
402	-11656.70	-14507.90
403	-11653.50	-14510.50
404	-11651.90	-14510.40
405	-11644.80	-14503.70
406	-11642.10	-14502.90
407	-11642.10	-14505.30
408	-11639.90	-14508.10
409	-11635.10	-14507.50
410	-11621.40	-14503.70
411	-11613.20	-14505.10
412	-11603.40	-14503.20
413	-11599.60	-14497.50
414	-11596.20	-14497.50
415	-11596.10	-14501.60
416	-11597.00	-14507.30
417	-11595.10	-14508.60
418	-11574.20	-14505.90
419	-11570.70	-14506.80
420	-11569.10	-14510.70
421	-11565.30	-14512.50
422	-11559.20	-14510.60
423	-11555.70	-14503.60
424	-11555.10	-14494.40
425	-11555.10	-14476.90
426	-11552.90	-14460.40
427	-11558.20	-14361.20
428	-11553.50	-14327.60
429	-11553.50	-14299.30
430	-11545.90	-14291.30
431	-11523.00	-14291.50
432	-11510.00	-14287.00
433	-11483.70	-14283.40
434	-11471.90	-14283.40
435	-11445.10	-14285.50
436	-11414.30	-14279.90
437	-11387.90	-14271.50
438	-11358.70	-14272.30
439	-11245.40	-14268.00
440	-11227.30	-14270.80
441	-11210.00	-14276.20
442	-11192.20	-14289.80
443	-11173.50	-14295.40
444	-11146.80	-14288.90
445	-11125.20	-14290.40
446	-11096.00	-14313.50
447	-11080.40	-14317.20
448	-11032.70	-14297.40
449	-11011.40	-14302.10
450	-10995.80	-14295.40

451	-10961.80	-14299.60
452	-10915.90	-14301.70
453	-10868.70	-14318.40
454	-10860.70	-14321.50
455	-10848.00	-14321.50
456	-10836.90	-14314.10
457	-10832.90	-14297.10
458	-10837.70	-14290.80
459	-10861.80	-14285.20
460	-10888.20	-14250.70
461	-10908.50	-14241.90
462	-10938.10	-14234.80
463	-10951.40	-14219.30
464	-10972.10	-14180.30
465	-10972.70	-14172.10
466	-10960.40	-14163.10
467	-10949.30	-14158.40
468	-10942.30	-14163.00
469	-10949.30	-14179.80
470	-10946.40	-14209.30
471	-10933.40	-14223.50
472	-10914.70	-14229.20
473	-10894.30	-14228.80
474	-10881.60	-14233.80
475	-10857.50	-14271.40
476	-10825.90	-14282.20
477	-10816.70	-14312.30
478	-10831.30	-14333.30
479	-10827.80	-14349.20
480	-10812.20	-14357.70
481	-10802.50	-14358.80
482	-10790.50	-14347.90
483	-10775.80	-14349.80
484	-10742.50	-14352.80
485	-10626.40	-14398.10
486	-10586.70	-14402.00
487	-10569.00	-14394.30
488	-10556.60	-14380.00
489	-10498.80	-14367.70
490	-10466.60	-14373.70
491	-10432.80	-14386.10
492	-10407.70	-14400.90
493	-10393.70	-14427.80
494	-10372.40	-14444.80
495	-10321.90	-14446.80
496	-10307.30	-14443.60
497	-10277.90	-14439.20
498	-10267.40	-14435.70
499	-10263.40	-14437.00
500	-10259.10	-14442.70
501	-10249.60	-14445.20

502	-10230.70	-14459.10
503	-10218.00	-14540.90
504	-10209.10	-14559.00
505	-10203.10	-14559.30
506	-10189.80	-14558.70
507	-10180.60	-14562.20
508	-10154.50	-14566.60
509	-10145.00	-14566.60
510	-10137.70	-14572.30
511	-10122.10	-14582.20
512	-10114.80	-14600.30
513	-10101.10	-14623.00
514	-10105.20	-14651.90
515	-10113.50	-14666.30
516	-10114.40	-14681.20
517	-10105.50	-14694.80
518	-10093.50	-14694.70
519	-10073.40	-14713.10
520	-10042.00	-14756.40
521	-10024.50	-14771.90
522	-10001.60	-14781.90
523	-9953.30	-14841.80
524	-9912.90	-14871.10
525	-9907.80	-14882.20
526	-9863.70	-14901.70
527	-9850.00	-14918.40
528	-9843.50	-14931.60
529	-9818.40	-14949.20
530	-9775.90	-14971.90
531	-9739.70	-14999.60
532	-9668.30	-15052.20
533	-9634.00	-15069.40
534	-9603.50	-15097.00
535	-9593.00	-15131.40
536	-9574.30	-15152.00
537	-9543.80	-15167.80
538	-9504.30	-15185.80
539	-9490.00	-15209.20
540	-9485.80	-15232.00
541	-9489.30	-15265.60
542	-9466.10	-15290.10
543	-9450.90	-15318.60
544	-9433.70	-15336.40
545	-9389.90	-15345.90
546	-9383.40	-15386.40
547	-9374.50	-15405.50
548	-9374.80	-15431.80
549	-9393.20	-15483.90
550	-9386.90	-15498.50
551	-9377.40	-15509.00
552	-9381.80	-15531.50

553	-9404.00	-15580.10
554	-9405.00	-15603.60
555	-9400.40	-15634.20
556	-9401.20	-15641.80
557	-9408.20	-15655.60
558	-9416.90	-15672.00
559	-9427.50	-15694.50
560	-9433.50	-15704.40
561	-9433.00	-15708.40
562	-9429.50	-15710.90
563	-9420.30	-15712.60
564	-9415.70	-15716.30
565	-9408.10	-15726.40
566	-9404.60	-15727.10
567	-9403.30	-15724.70
568	-9403.30	-15718.80
569	-9397.90	-15721.40
570	-9396.80	-15729.00
571	-9400.10	-15731.80
572	-9400.60	-15736.20
573	-9397.70	-15741.60
574	-9395.30	-15759.70
575	-9394.70	-15776.50
576	-9397.10	-15782.10
577	-9403.90	-15791.30
578	-9406.70	-15798.30
579	-9406.60	-15806.10
580	-9405.00	-15815.90
581	-9408.30	-15823.40
582	-9420.70	-15836.20
583	-9430.50	-15849.00
584	-9445.40	-15859.90
585	-9445.60	-15862.60
586	-9441.80	-15863.90
587	-9441.00	-15865.30
588	-9443.00	-15868.20
589	-9454.60	-15871.20
590	-9455.70	-15873.60
591	-9454.90	-15876.10
592	-9446.00	-15880.30
593	-9437.70	-15888.40
594	-9429.20	-15903.40
595	-9444.60	-15922.00
596	-9454.80	-15934.60
597	-9456.80	-15933.60
598	-9457.30	-15925.50
599	-9459.50	-15925.50
600	-9467.50	-15933.30
601	-9477.30	-15938.80
602	-9485.90	-15953.30
603	-9501.80	-15969.60

604	-9506.30	-15981.60
605	-9506.10	-15992.30
606	-9503.00	-16000.00
607	-9481.80	-16026.20
608	-9468.20	-16041.40
609	-9463.20	-16052.30
610	-9466.00	-16068.10
611	-9465.90	-16099.80
612	-9467.30	-16112.00
613	-9460.70	-16116.90
614	-9451.50	-16119.60
615	-9446.60	-16128.80
616	-9455.80	-16149.10
617	-9456.40	-16161.60
618	-9456.40	-16166.00
619	-9463.40	-16178.00
620	-9471.10	-16179.70
621	-9480.90	-16190.10
622	-9481.40	-16198.30
623	-9473.80	-16203.70
624	-9469.40	-16215.60
625	-9467.60	-16223.10
626	-9457.80	-16226.90
627	-9449.90	-16222.80
628	-9439.80	-16220.00
629	-9427.00	-16222.90
630	-9421.30	-16230.30
631	-9423.70	-16241.70
632	-9432.40	-16251.90
633	-9440.10	-16261.20
634	-9448.80	-16265.60
635	-9457.00	-16265.30
636	-9464.60	-16259.60
637	-9469.50	-16249.60
638	-9472.80	-16239.80
639	-9478.50	-16232.70
640	-9483.20	-16230.30
641	-9491.30	-16231.40
642	-9500.90	-16236.10
643	-9510.10	-16240.00
644	-9524.00	-16243.60
645	-9534.10	-16249.90
646	-9540.40	-16260.60
647	-9544.20	-16278.80
648	-9551.00	-16295.00
649	-9554.00	-16303.40
650	-9558.10	-16312.20
651	-9588.50	-16336.30
652	-9604.30	-16339.50
653	-9614.90	-16344.70
654	-9635.50	-16370.60

655	-9634.50	-16383.00
656	-9630.00	-16390.90
657	-9621.50	-16393.40
658	-9614.90	-16391.80
659	-9608.90	-16386.40
660	-9600.20	-16383.60
661	-9590.90	-16390.60
662	-9583.80	-16408.60
663	-9574.60	-16416.70
664	-9550.60	-16415.80
665	-9533.40	-16407.30
666	-9532.30	-16428.50
667	-9539.40	-16458.80
668	-9525.40	-16488.50

р. Вьюница

Система координат – местная г. Дзержинска и г. Володарска

Номер и координаты характерных точек береговой линии (границы водного объекта)		
№ точки на картографическом материале	X, м	Y, м
г. Дзержинск, Нижегородской области		
1	5059.80	17291.00
2	5034.40	17146.20
3	5026.53	17064.03
4	5005.25	16950.97
5	4977.83	16891.52
6	4898.42	16835.82
7	4854.67	16789.81
8	4788.06	16762.07
9	4679.51	16654.06
10	4579.40	16591.00
11	4504.58	16583.53
12	4433.32	16537.03
13	4250.29	16462.64
14	4182.82	16441.15
15	4143.77	16419.25
16	4063.47	16418.79
17	3945.10	16405.67
18	3924.32	16405.58
19	3889.51	16390.83
20	3870.92	16385.83
21	3847.05	16392.76
22	3828.72	16397.74
23	3811.04	16395.13
24	3795.11	16385.05
25	3773.35	16358.04
26	3758.36	16352.43
27	3731.24	16327.81
28	3720.08	16325.55
29	3698.00	16331.58
30	3687.27	16335.64
31	3657.49	16349.00
32	3617.85	16373.78
33	3603.83	16378.88
34	3587.65	16391.45
35	3561.26	16419.53
36	3542.09	16450.86
37	3516.51	16467.34
38	3499.34	16487.06
39	3471.32	16504.56
40	3439.08	16518.20
41	3415.03	16514.84
42	3405.82	16498.33

43	3379.53	16480.17
44	3345.06	16478.83
45	3317.66	16489.62
46	3297.82	16489.41
47	3284.12	16477.50
48	3277.26	16452.51
49	3262.57	16445.20
50	3236.42	16440.98
51	3151.20	16446.36
52	3097.07	16464.04
53	3094.38	16473.94
54	3103.22	16487.98
55	3097.01	16492.61
56	3060.64	16475.94
57	3001.51	16480.25
58	2965.03	16487.39
59	2775.91	16511.16
60	2697.50	16536.78
61	2646.03	16541.74
62	2607.42	16544.31
63	2589.62	16539.14
64	2584.06	16540.95
65	2584.81	16546.59
66	2583.21	16559.66
67	2577.38	16569.22
68	2561.07	16573.93
69	2549.20	16570.13
70	2533.70	16551.54
71	2517.86	16533.49
72	2428.28	16520.90
73	2402.70	16504.51
74	2395.18	16483.04
75	2386.75	16475.69
76	2378.26	16462.34
77	2368.81	16457.12
78	2355.92	16455.80
79	2345.54	16462.41
80	2334.34	16491.06
81	2320.25	16509.87
82	2306.31	16543.13
83	2291.56	16564.41
84	2235.46	16593.22
85	2159.37	16607.52
86	2045.25	16615.47
87	2046.76	16624.83
88	2037.15	16637.60
89	1985.73	16648.57
90	1858.46	16660.77
91	1846.02	16669.33
92	1797.11	16721.90
93	1776.06	16728.71

94	1724.36	16732.41
95	1704.88	16727.19
96	1680.90	16726.26
97	1681.80	16688.34
98	1611.38	16692.96
99	1575.16	16691.46
100	1527.78	16686.86
101	1524.80	16681.70
102	1519.18	16678.62
103	1516.16	16680.34
104	1511.41	16693.58
105	1505.28	16697.36
106	1495.87	16696.41
107	1355.85	16728.42
108	1339.94	16726.48
109	1322.61	16729.35
110	1313.02	16736.28
111	1307.57	16734.08
112	1305.76	16731.39
113	1310.10	16714.31
114	1307.65	16705.41
115	1299.24	16703.75
116	1282.44	16707.61
117	1269.49	16706.92
118	1259.39	16722.96
119	1245.83	16721.20
120	1217.55	16710.41
121	1209.95	16706.39
122	1207.18	16697.04
123	1200.13	16685.69
124	1188.23	16695.54
125	1182.91	16693.76
126	1178.17	16689.00
127	1178.24	16678.19
128	1174.52	16671.57
129	1170.11	16674.93
130	1165.15	16683.34
131	1160.06	16685.11
132	1152.61	16676.10
133	1150.52	16667.66
134	1139.44	16673.82
135	1117.81	16659.15
136	1101.99	16643.98
137	1096.94	16634.70
138	1086.32	16630.22
139	1066.14	16628.52
140	1034.98	16619.23
141	1021.10	16612.09
142	1010.23	16614.32
143	999.00	16603.03
144	984.95	16575.52

145	974.18	16565.42
146	951.46	16552.52
147	930.90	16547.20
148	914.73	16535.64
149	901.63	16522.00
150	895.23	16502.92
151	885.83	16496.33
152	873.94	16494.44
153	863.76	16485.71
154	858.37	16469.41
155	855.87	16452.78
156	854.11	16441.52
157	841.74	16430.70
158	844.09	16416.33
159	835.38	16409.91
160	831.29	16408.68
161	813.72	16416.92
162	785.70	16382.83
163	760.45	16368.39
164	723.61	16320.85
165	677.60	16283.43
166	667.39	16256.22
167	660.49	16251.34
168	631.69	16216.79
169	627.64	16210.88
170	605.34	16183.37
171	598.52	16169.01
172	583.13	16151.08
173	556.18	16137.85
174	536.13	16119.12
175	536.52	16103.39
176	544.16	16078.20
177	541.60	16067.29
178	538.43	16061.87
179	528.26	16059.93
180	516.15	16058.72
181	498.66	16050.71
182	485.71	16027.44
183	462.34	16012.56
184	453.96	16000.87
185	452.85	15980.41
186	457.27	15966.04
187	472.92	15955.89
188	487.37	15935.87
189	487.71	15922.98
190	476.28	15900.40
191	455.29	15887.77
192	428.77	15859.44
193	423.80	15837.45
194	429.01	15817.85
195	449.17	15791.57

196	454.22	15780.70
197	446.52	15769.18
198	424.99	15759.66
199	410.23	15749.66
200	399.81	15736.42
201	396.72	15703.02
202	404.06	15687.00
203	403.40	15678.54
204	408.33	15668.92
205	411.22	15666.76
206	414.86	15666.70
207	427.95	15671.77
208	431.51	15669.95
209	434.26	15663.89
210	437.64	15648.30
211	442.08	15643.29
212	445.38	15634.40
213	440.26	15621.42
214	416.44	15603.46
215	414.19	15587.96
216	415.25	15572.05
217	429.78	15545.50
218	444.48	15540.67
219	451.00	15538.45
220	454.03	15530.97
221	453.20	15517.57
222	455.72	15505.87
223	470.32	15481.24
224	470.89	15461.13
225	468.21	15451.29
226	462.12	15447.86
227	457.50	15447.94
228	445.55	15464.03
229	439.36	15466.61
230	430.42	15457.58
231	422.77	15447.46
232	422.56	15433.34
233	425.73	15420.93
234	424.37	15411.06
235	417.54	15405.53
236	398.05	15405.86
237	390.16	15398.57
238	390.28	15384.09
239	387.47	15362.25
240	381.88	15354.22
241	371.71	15356.15
242	359.46	15364.83
243	358.93	15376.85
244	354.50	15381.86
245	339.83	15378.93
246	329.48	15367.45

247	301.80	15352.38
248	289.38	15356.20
249	279.60	15346.92
250	250.85	15329.74
251	235.29	15320.47
252	229.98	15319.85
253	215.14	15329.64
254	201.11	15343.29
255	186.59	15343.89
256	173.91	15340.92
257	164.60	15348.48
258	161.08	15368.68
259	155.05	15375.49
260	145.03	15372.82
261	131.05	15361.75
262	130.07	15352.95
263	131.83	15347.27
264	129.80	15345.89
265	122.59	15356.61
266	115.45	15359.90
267	107.24	15361.45
268	91.45	15346.18
269	91.64	15333.81
270	89.07	15309.50
271	91.55	15296.38
272	84.96	15288.37
273	73.86	15283.26
274	57.46	15286.71
275	39.97	15305.01
276	37.84	15331.89
277	31.15	15338.36
278	25.20	15338.45
279	7.33	15329.22
280	2.22	15325.07
281	-21.08	15312.39
282	-24.99	15305.39
283	-28.20	15307.56
284	-33.17	15307.30
285	-37.54	15296.78
286	-36.68	15284.76
287	-38.25	15269.25
288	-43.78	15262.99
289	-56.78	15260.02
290	-75.55	15262.10
291	-84.22	15268.95
292	-88.16	15288.63
293	-77.95	15296.39
294	-70.53	15307.27
295	-64.32	15318.63
296	-58.43	15354.64
297	-58.70	15366.69

298	-66.41	15372.39
299	-91.35	15389.11
300	-102.82	15388.96
301	-114.32	15381.55
302	-132.64	15382.31
303	-158.27	15391.53
304	-180.35	15407.32
305	-194.60	15422.97
306	-199.49	15429.59
307	-213.04	15438.29
308	-229.57	15438.22
309	-239.13	15433.85
310	-252.93	15439.80
311	-279.03	15453.01
312	-323.11	15466.43
313	-334.55	15455.84
314	-377.07	15490.89
315	-378.98	15488.78
316	-335.61	15452.66
317	-331.42	15420.15
318	-332.62	15406.04
319	-327.90	15399.96
320	-315.75	15397.64
321	-292.57	15378.37
322	-268.07	15328.63
323	-258.39	15322.74
324	-241.73	15327.31
325	-229.84	15325.35
326	-224.26	15325.14
327	-224.58	15316.67
328	-223.51	15310.29
329	-211.51	15303.74
330	-196.58	15296.42
331	-183.12	15294.09
332	-175.32	15299.25
333	-147.93	15315.39
334	-122.94	15320.26
335	-108.21	15316.49
336	-98.81	15311.75
337	-92.47	15294.00
338	-86.47	15267.47
339	-75.63	15259.80
340	-56.34	15257.28
341	-41.37	15260.55
342	-35.70	15268.82
343	-33.62	15284.53
344	-34.90	15296.64
345	-32.29	15304.44
346	-29.47	15302.64
347	-23.66	15303.41
348	-20.53	15309.97

349	5.07	15322.02
350	10.67	15328.17
351	17.11	15329.38
352	24.27	15333.22
353	27.83	15333.65
354	30.81	15331.57
355	36.73	15308.58
356	37.32	15296.89
357	40.47	15291.76
358	50.45	15289.63
359	53.96	15284.28
360	57.13	15280.92
361	68.78	15275.66
362	93.33	15282.32
363	98.37	15282.23
364	103.50	15280.04
365	105.35	15281.44
366	101.63	15286.57
367	99.49	15292.11
368	99.85	15299.81
369	108.82	15307.81
370	108.41	15313.55
371	106.65	15315.77
372	103.51	15314.51
373	99.66	15311.05
374	95.09	15311.24
375	92.79	15314.90
376	96.86	15329.58
377	96.71	15341.92
378	103.85	15345.55
379	107.92	15353.13
380	112.13	15357.30
381	118.51	15356.97
382	128.95	15343.80
383	132.88	15341.76
384	137.67	15343.00
385	139.81	15344.95
386	141.68	15361.65
387	143.89	15365.58
388	152.74	15371.37
389	155.63	15370.89
390	156.58	15368.45
391	154.61	15363.92
392	153.82	15360.23
393	155.94	15351.73
394	155.04	15349.76
395	153.44	15345.93
396	156.35	15340.70
397	162.60	15337.08
398	166.66	15337.24
399	175.41	15337.75

400	181.48	15339.99
401	186.43	15340.21
402	190.49	15337.90
403	201.12	15336.00
404	208.84	15327.72
405	222.18	15315.17
406	230.66	15311.54
407	250.17	15321.74
408	257.26	15329.34
409	264.94	15336.25
410	281.54	15344.34
411	290.74	15353.00
412	301.93	15349.29
413	332.00	15365.08
414	344.22	15372.68
415	352.13	15371.84
416	367.91	15352.15
417	383.07	15349.69
418	395.39	15361.94
419	398.39	15394.80
420	419.67	15401.50
421	431.89	15408.34
422	434.13	15413.14
423	432.33	15419.78
424	428.42	15425.57
425	426.89	15433.96
426	428.32	15439.22
427	434.53	15451.01
428	433.47	15455.43
429	439.85	15460.61
430	443.47	15458.35
431	448.56	15451.22
432	456.17	15445.36
433	461.49	15443.96
434	466.91	15445.62
435	474.79	15457.82
436	476.48	15469.69
437	472.73	15479.44
438	468.39	15484.79
439	467.40	15491.42
440	459.38	15508.49
441	456.86	15517.85
442	457.31	15529.90
443	452.45	15543.19
444	432.68	15549.24
445	419.44	15569.73
446	418.43	15586.48
447	420.60	15600.54
448	424.07	15604.88
449	443.65	15621.29
450	447.42	15633.56

451	446.07	15641.51
452	441.33	15646.88
453	437.25	15663.45
454	434.81	15670.77
455	429.14	15673.50
456	414.97	15669.33
457	410.84	15669.40
458	406.23	15678.29
459	405.77	15687.98
460	399.78	15703.94
461	402.63	15735.60
462	411.36	15748.66
463	426.57	15758.10
464	447.54	15767.44
465	457.22	15780.45
466	450.54	15792.05
467	430.10	15818.81
468	426.11	15837.48
469	430.78	15858.44
470	455.83	15886.40
471	477.68	15899.05
472	489.29	15922.65
473	488.96	15935.86
474	474.11	15957.24
475	459.08	15967.43
476	453.99	15981.06
477	456.27	16000.27
478	463.85	16010.63
479	487.15	16025.98
480	500.80	16050.32
481	517.24	16057.60
482	528.81	16058.23
483	540.06	16060.97
484	543.78	16067.29
485	545.71	16077.60
486	537.98	16104.47
487	538.03	16118.71
488	557.70	16136.92
489	584.64	16150.14
490	599.61	16168.03
491	607.06	16182.79
492	630.07	16209.96
493	661.78	16248.90
494	669.49	16254.13
495	678.82	16281.94
496	725.32	16319.98
497	761.30	16367.00
498	786.24	16382.34
499	814.17	16415.27
500	831.66	16407.02
501	836.02	16408.58

502	845.14	16416.10
503	843.38	16430.58
504	855.66	16440.99
505	857.71	16453.32
506	859.77	16469.19
507	864.62	16484.68
508	873.93	16492.73
509	886.32	16495.28
510	896.83	16501.99
511	902.41	16521.54
512	914.90	16534.50
513	931.12	16546.29
514	951.71	16551.52
515	974.55	16564.68
516	985.52	16575.01
517	999.72	16602.43
518	1010.23	16613.50
519	1021.22	16611.45
520	1034.92	16618.58
521	1066.11	16627.93
522	1086.19	16629.50
523	1097.25	16634.41
524	1102.65	16643.80
525	1118.07	16658.77
526	1139.53	16673.13
527	1150.76	16667.16
528	1153.01	16676.00
529	1160.12	16684.54
530	1164.86	16683.09
531	1169.81	16674.65
532	1174.58	16671.04
533	1178.57	16678.07
534	1178.65	16688.99
535	1183.07	16693.34
536	1188.04	16695.05
537	1200.22	16685.06
538	1207.62	16696.90
539	1210.48	16706.24
540	1216.23	16709.10
541	1245.74	16720.70
542	1259.02	16722.34
543	1269.22	16706.29
544	1282.06	16706.90
545	1299.43	16702.85
546	1308.41	16704.72
547	1311.03	16714.32
548	1306.41	16731.38
549	1308.00	16733.57
550	1312.89	16735.39
551	1322.43	16728.43
552	1339.73	16725.58

553	1354.53	16727.11
554	1494.54	16695.10
555	1503.96	16696.05
556	1510.09	16692.27
557	1514.84	16679.03
558	1519.98	16676.17
559	1529.38	16682.63
560	1575.69	16687.10
561	1611.27	16688.56
562	1681.94	16682.57
563	1684.60	16608.75
564	1693.57	16600.92
565	1710.96	16599.38
566	1736.84	16611.54
567	1782.11	16614.04
568	1818.97	16610.25
569	1840.88	16572.69
570	1842.08	16554.33
571	1854.54	16546.48
572	1887.28	16549.06
573	1917.33	16560.14
574	1927.23	16566.73
575	1957.96	16585.95
576	2012.47	16590.85
577	2038.87	16600.90
578	2044.54	16611.44
579	2158.97	16602.59
580	2235.42	16589.33
581	2288.05	16561.43
582	2302.47	16541.92
583	2316.76	16507.95
584	2331.20	16490.20
585	2342.73	16459.77
586	2355.19	16452.63
587	2369.82	16453.23
588	2381.71	16459.49
589	2390.20	16472.84
590	2397.93	16480.55
591	2406.51	16502.37
592	2429.62	16516.31
593	2466.92	16522.39
594	2518.86	16529.43
595	2530.40	16535.17
596	2543.80	16552.30
597	2558.35	16563.01
598	2572.80	16562.73
599	2577.39	16552.64
600	2578.92	16548.13
601	2576.75	16540.38
602	2578.07	16532.61
603	2587.10	16531.85

604	2606.65	16536.99
605	2643.53	16535.32
606	2694.98	16528.94
607	2774.10	16504.38
608	2963.92	16480.08
609	3000.73	16472.05
610	3061.96	16468.79
611	3085.56	16462.26
612	3151.50	16441.68
613	3237.05	16434.71
614	3340.96	16451.96
615	3420.30	16449.26
616	3475.77	16426.99
617	3504.32	16427.49
618	3542.07	16412.45
619	3568.86	16399.26
620	3586.40	16386.09
621	3602.47	16376.50
622	3615.84	16366.34
623	3660.78	16341.16
624	3681.20	16333.80
625	3681.75	16327.54
626	3691.87	16322.15
627	3702.65	16324.50
628	3721.77	16321.75
629	3728.03	16318.90
630	3739.56	16321.39
631	3755.49	16331.15
632	3765.24	16338.40
633	3763.38	16342.96
634	3766.80	16351.81
635	3774.61	16355.87
636	3795.76	16381.85
637	3811.70	16392.81
638	3829.36	16395.28
639	3846.89	16390.23
640	3870.64	16383.16
641	3890.02	16388.81
642	3924.21	16402.23
643	3945.45	16403.21
644	4062.93	16416.93
645	4143.46	16417.17
646	4183.03	16438.69
647	4248.82	16457.95
648	4433.97	16534.72
649	4505.36	16579.58
650	4578.84	16586.91
651	4682.23	16649.37
652	4788.84	16757.52
653	4855.46	16784.98
654	4899.67	16832.61

655	4979.97	16888.30
656	5006.96	16949.99
657	5028.84	17062.76
658	5039.56	17147.14
659	5065.49	17296.07