APPENDIX A. HIGH-WATER SHORELINE POSITION CHANGE

The following data tables provide shoreline position (UTM-x, UTM-y) and change statistics for the central east coast of Florida at a 50-m longshore spacing. Cumulative and incremental change rates are provided on the left half of the table, and shoreline position for each transect is listed on the right side of the table. All length measurements are recorded in meters.

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1	-1.8	-1.8	-1.7	-1.6	-1.6	-1.5	-1.4	-1.5	-1.4	-1.3
2	-1.9	-1.7	-1.7	-1.6	-1.3	-1.5	-1.4	-1.6	-1.4	-1.3
3	-1.9	-1.7	-1.7	-1.6	-1.1	-1.5	-1.4	-1.8	-1.5	-1.2
4	-1.9	-1.7	-1.7	-1.6	-1.2	-1.5	-1.4	-1.7	-1.4	-1.2
5	-1.9	-1.7	-1.7	-1.6	-1.1	-1.5	-1.3	-1.8	-1.4	-1.1
6	-2.0	-1.7	-1.7	-1.6	-1.1	-1.4	-1.3	-1.6	-1.3	-1.1
7	-2.0	-1.7	-1.7	-1.6	-0.9	-1.3	-1.2	-1.6	-1.3	-1.1
8	-2.0	-1.7	-1.7	-1.6	-0.7	-1.2	-1.2	-1.7	-1.4	-1.2
9	-2.0	-1.6	-1.7	-1.5	-0.6	-1.2	-1.2	-1.8	-1.4	-1.1
10	-2.0	-1.5	-1.7	-1.5	-0.5	-1.3	-1.1	-2.0	-1.4	-0.9
11	-1.9	-1.6	-1.6	-1.5	-0.8	-1.3	-1.2	-1.8	-1.3	-0.9
12	-1.8	-1.4	-1.7	-1.5	-0.5	-1.5	-1.3	-2.5	-1.6	-0.8
13	-1.8	-1.6	-1.7	-1.5	-1.0	-1.6	-1.3	-2.2	-1.5	-0.9
14	-1.9	-1.7	-1.8	-1.5	-1.3	-1.6	-1.3	-2.0	-1.3	-0.8
15	-1.9	-1.7	-1.8	-1.6	-1.4	-1.7	-1.3	-2.0	-1.3	-0.8
16	-1.8	-1.8	-1.8	-1.6	-1.6	-1.8	-1.4	-2.0	-1.3	-0.7
17	-1.8	-1.7	-1.8	-1.6	-1.5	-1.8	-1.4	-2.1	-1.4	-0.9
18	-1.8	-1.7	-1.8	-1.6	-1.3	-1.7	-1.5	-2.1	-1.5	-1.0
19	-1.8	-1.7	-1.8	-1.6	-1.7	-1.8	-1.5	-1.9	-1.4	-1.1
20	-1.7	-1.7	-1.8	-1.6	-1.9	-1.9	-1.6	-1.8	-1.5	-1.2
21	-1.6	-1.7	-1.7	-1.6	-1.9	-1.9	-1.6	-1.8	-1.4	-1.1
22	-1.6	-1.7	-1.7	-1.6	-2.0	-1.8	-1.6	-1.7	-1.4	-1.2
23	-1.6	-1.7	-1.7	-1.6	-1.9	-1.8	-1.6	-1.7	-1.4	-1.2
24	-1.6	-1.7	-1.7	-1.6	-1.9	-1.8	-1.5	-1.6	-1.4	-1.2
25	-1.7	-1.7	-1.7	-1.6	-1.6	-1.7	-1.5	-1.7	-1.5	-1.3
26	-1.8	-1.7	-1.7	-1.6	-1.5	-1.5	-1.5	-1.6	-1.5	-1.4
27	-1.8	-1.7	-1.6	-1.6	-1.4	-1.5	-1.4	-1.5	-1.4	-1.3
28	-1.8	-1.7	-1.6	-1.6	-1.4	-1.4	-1.4	-1.4	-1.4	-1.3
29	-1.8	-1.7	-1.6	-1.6	-1.5	-1.4	-1.4	-1.2	-1.3	-1.3
30	-1.8	-1.7	-1.6	-1.5	-1.4	-1.4	-1.3	-1.3	-1.3	-1.3
31	-1.8	-1.6	-1.6	-1.5	-1.3	-1.3	-1.3	-1.4	-1.3	-1.3
32	-1.7	-1.5	-1.5	-1.5	-1.1	-1.3	-1.3	-1.5	-1.4	-1.2
33	-1.7	-1.5	-1.5	-1.4	-1.2	-1.3	-1.3	-1.5	-1.3	-1.2
34	-1.6	-1.5	-1.5	-1.4	-1.3	-1.3	-1.2	-1.3	-1.1	-1.0
35	-1.6	-1.5	-1.4	-1.3	-1.3	-1.2	-1.1	-1.1	-1.1	-1.0
36	-1.5	-1.5	-1.4	-1.3	-1.3	-1.1	-1.1	-1.0	-1.0	-1.0
37	-1.6	-1.5	-1.4	-1.3	-1.3	-1.1	-1.1	-1.0	-1.0	-0.9
38	-1.6	-1.5	-1.4	-1.3	-1.1	-1.1	-1.0	-1.2	-1.0	-0.9
39	-1.7	-1.6	-1.5	-1.3	-1.3	-1.3	-1.0	-1.3	-0.9	-0.6
40	-1.6	-1.7	-1.5	-1.3	-1.9	-1.3	-1.0	-0.7	-0.7	-0.6
41	-1.6	-1.7	-1.5	-1.3	-2.0	-1.5	-1.1	-1.1	-0.8	-0.5
42	-1.6	-1.7	-1.6	-1.3	-2.0	-1.5	-1.1	-1.1	-0.8	-0.5
43	-1.6	-1.7	-1.5	-1.3	-1.8	-1.5	-1.1	-1.2	-0.8	-0.5
44	-1.6	-1.7	-1.5	-1.3	-1.8	-1.5	-1.1	-1.1	-0.7	-0.4
45	-1.5	-1.7	-1.5	-1.3	-2.3	-1.5	-1.1	-0.8	-0.6	-0.5
46	-1.5	-1.8	-1.5	-1.3	-2.6	-1.6	-1.1	-0.7	-0.5	-0.4
47	-1.5	-1.7	-1.5	-1.3	-2.4	-1.6	-1.1	-0.9	-0.6	-0.4
48	-1.5	-1.7	-1.5	-1.3	-2.4	-1.5	-1.2	-0.7	-0.6	-0.6
49	-1.5	-1.7	-1.5	-1.3	-2.2	-1.4	-1.2	-0.7	-0.8	-0.8
50	-1.6	-1.7	-1.5	-1.4	-2.1	-1.3	-1.2	-0.6	-0.9	-1.1
51	-1.5	-1.7	-1.5	-1.4	-2.0	-1.4	-1.3	-0.8	-1.0	-1.1
52	-1.5	-1.6	-1.4	-1.4	-1.9	-1.4	-1.2	-0.9	-1.0	-1.0
53	-1.5	-1.7	-1.4	-1.3	-2.1	-1.3	-1.2	-0.6	-0.8	-1.0
54	-1.5	-1.7	-1.4	-1.3	-2.1	-1.3	-1.1	-0.6	-0.8	-0.9
55	-1.5	-1.6	-1.4	-1.3	-1.9	-1.2	-1.1	-0.5	-0.8	-1.0
56	-1.5	-1.6	-1.4	-1.3	-1.9	-1.2	-1.1	-0.6	-0.7	-0.9

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1	544524.2	3152753.6	544445.3	3152706.9	544418.4	3152691.0	544389.9	3152674.2	544360.8	3152657.0
2	544546.2	3152708.5	544466.1	3152661.2	544443.1	3152647.5	544413.9	3152630.3	544384.3	3152612.8
3	544568.1	3152663.4	544486.7	3152615.2	544467.0	3152603.6	544433.9	3152584.0	544406.3	3152567.7
4	544590.3	3152618.4	544507.5	3152569.4	544487.1	3152557.4	544454.9	3152538.3	544428.3	3152522.6
5	544612.5	3152573.5	544529.3	3152524.3	544510.7	3152513.3	544476.2	3152492.8	544452.0	3152478.5
6	544634.7	3152528.5	544550.0	3152478.4	544530.6	3152466.9	544501.1	3152449.5	544475.8	3152434.5
7	544656.8	3152483.4	544569.9	3152432.1	544553.6	3152422.5	544524.3	3152405.1	544498.9	3152390.1
8	544678.6	3152438.3	544590.9	3152386.4	544578.6	3152379.2	544546.6	3152360.2	544520.4	3152344.7
9	544698.9	3152392.2	544611.9	3152340.8	544601.5	3152334.6	544567.1	3152314.2	544543.2	3152300.1
10	544717.1	3152344.8	544633.0	3152295.1	544623.9	3152289.7	544586.5	3152267.6	544565.9	3152255.5
11	544736.4	3152298.2	544656.4	3152250.8	544642.0	3152242.4	544607.8	3152222.1	544588.2	3152210.5
12	544758.8	3152253.3	544682.0	3152207.9	544673.8	3152203.1	544626.2	3152174.9	544607.2	3152163.7
13	544782.2	3152209.1	544704.5	3152163.2	544687.4	3152153.0	544646.8	3152129.0	544627.0	3152117.3
14	544805.5	3152164.8	544725.2	3152117.3	544703.5	3152104.5	544666.3	3152082.5	544648.6	3152072.0
15	544828.2	3152120.1	544748.3	3152072.9	544723.9	3152058.5	544686.8	3152036.5	544669.8	3152026.4
16	544850.7	3152075.3	544772.5	3152029.1	544744.5	3152012.6	544706.4	3151990.0	544690.1	3151980.3
17	544872.8	3152030.3	544795.0	3151984.3	544769.4	3151969.2	544730.9	3151946.4	544710.5	3151934.3
18	544894.3	3151985.0	544816.1	3151938.7	544793.4	3151925.3	544753.5	3151901.7	544730.6	3151888.1
19	544914.9	3151939.1	544839.1	3151894.2	544810.2	3151877.1	544775.1	3151856.4	544750.2	3151841.6
20	544934.4	3151892.5	544863.1	3151850.3	544829.9	3151830.7	544795.9	3151810.6	544769.8	3151795.1
21	544953.3	3151845.6	544882.8	3151803.9	544849.3	3151784.1	544815.8	3151764.3	544790.7	3151749.4
22	544972.2	3151798.7	544901.7	3151757.0	544867.9	3151737.0	544836.7	3151718.5	544809.6	3151702.5
23	544991.4	3151751.9	544921.1	3151710.3	544887.6	3151690.5	544856.1	3151671.9	544829.5	3151656.2
24	545010.9	3151705.3	544940.5	3151663.7	544907.0	3151643.9	544876.2	3151625.7	544849.8	3151610.1
25	545030.8	3151659.0	544958.6	3151616.4	544931.0	3151600.0	544898.3	3151580.7	544869.5	3151563.7
26	545051.5	3151613.2	544976.1	3151568.6	544950.8	3151553.6	544920.8	3151535.9	544890.2	3151517.8
27	545072.4	3151567.4	544995.0	3151521.7	544970.7	3151507.3	544942.4	3151490.6	544912.2	3151472.7
28	545092.7	3151521.4	545014.5	3151475.2	544990.2	3151460.8	544963.4	3151444.9	544933.7	3151427.3
29	545112.6	3151475.0	545034.4	3151428.8	545008.4	3151413.4	544985.1	3151399.7	544954.7	3151381.7
30	545132.1	3151428.5	545054.5	3151382.6	545029.8	3151368.0	545005.8	3151353.8	544976.6	3151336.5
31	545151.3	3151381.7	545075.8	3151337.1	545053.2	3151323.7	545027.6	3151308.6	544999.3	3151291.9
32	545170.0	3151334.8	545097.7	3151292.0	545078.0	3151280.3	545049.3	3151263.3	545021.5	3151246.9
33	545188.2	3151287.4	545117.0	3151245.3	545096.9	3151233.4	545069.6	3151217.3	545043.6	3151201.9
34	545204.8	3151239.1	545135.6	3151198.2	545113.9	3151185.4	545089.7	3151171.1	545066.7	3151157.5
35	545221.1	3151190.7	545154.1	3151151.1	545132.2	3151138.1	545111.5	3151125.9	545088.1	3151112.1
36	545239.2	3151143.3	545172.7	3151104.0	545150.2	3151090.6	545131.4	3151079.5	545108.8	3151066.2
37	545259.0	3151097.0	545191.0	3151056.7	545168.4	3151043.4	545149.7	3151032.3	545128.3	3151019.6
38	545279.0	3151050.7	545209.1	3151009.3	545190.5	3150998.3	545168.4	3150985.3	545147.9	3150973.1
39	545299.0	3151004.4	545227.7	3150962.3	545205.6	3150949.2	545181.6	3150935.0	545167.0	3150926.3
40	545318.7	3150957.9	545248.0	3150916.1	545214.8	3150896.5	545200.9	3150888.3	545186.6	3150879.9
41	545338.2	3150911.4	545271.4	3150871.9	545237.3	3150851.8	545217.5	3150840.0	545205.5	3150832.9
42	545357.5	3150864.7	545289.9	3150824.7	545255.7	3150804.5	545234.9	3150792.2	545223.9	3150785.7
43	545375.6	3150817.4	545306.8	3150776.6	545276.1	3150758.5	545253.6	3150745.2	545243.2	3150739.0
44	545393.5	3150769.8	545325.2	3150729.4	545293.4	3150710.6	545272.1	3150698.0	545262.8	3150692.6
45	545412.8	3150723.2	545347.7	3150684.7	545307.5	3150660.9	545292.6	3150652.1	545282.1	3150645.9
46	545433.1	3150677.1	545369.7	3150639.6	545325.8	3150613.6	545312.6	3150605.8	545303.2	3150600.2
47	545453.5	3150631.0	545390.1	3150593.5	545348.3	3150568.8	545332.3	3150559.4	545324.0	3150554.5
48	545473.4	3150584.8	545409.5	3150546.9	545368.1	3150522.5	545355.4	3150515.0	545341.7	3150506.8
49	545493.2	3150538.4	545427.8	3150499.7	545389.2	3150476.8	545376.7	3150469.4	545357.9	3150458.3
50	545512.7	3150491.8	545445.9	3150452.3	545409.3	3150430.6	545398.1	3150424.0	545373.9	3150409.7
51	545531.9	3150445.1	545465.7	3150405.9	545432.1	3150386.1	545416.8	3150377.0	545392.3	3150362.5
52	545550.8	3150398.1	545485.3	3150359.4	545453.1	3150340.3	545436.6	3150330.6	545413.0	3150316.6
53	545569.0	3150350.8	545503.9	3150312.3	545467.9	3150291.1	545456.0	3150284.0	545434.4	3150271.2
54	545587.3	3150303.6	545522.5	3150265.2	545487.1	3150244.3	545476.2	3150237.9	545456.0	3150225.9
55	545606.9	3150257.1	545542.0	3150218.7	545509.3	3150199.3	545499.8	3150193.7	545478.0	3150180.8
56	545627.5	3150211.2	545563.4	3150173.2	545530.1	3150153.6	545519.3	3150147.2	545499.3	3150135.3

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
57	-1.4	-1.7	-1.4	-1.2	-2.3	-1.3	-1.1	-0.4	-0.6	-0.8
58	-1.4	-1.6	-1.3	-1.2	-2.3	-1.3	-1.2	-0.4	-0.7	-0.9
59	-1.4	-1.6	-1.3	-1.2	-2.1	-1.3	-1.1	-0.5	-0.7	-0.9
60	-1.3	-1.6	-1.3	-1.2	-2.4	-1.4	-1.2	-0.4	-0.7	-0.9
61	-1.1	-1.5	-1.3	-1.2	-2.6	-1.4	-1.2	-0.4	-0.6	-0.8
62	-0.9	-1.4	-1.2	-1.1	-2.7	-1.5	-1.2	-0.5	-0.6	-0.7
63	-0.9	-1.4	-1.2	-1.1	-2.8	-1.5	-1.3	-0.4	-0.6	-0.8
64	-0.9	-1.4	-1.2	-1.1	-2.8	-1.6	-1.3	-0.4	-0.7	-0.9
65	-1.0	-1.4	-1.2	-1.1	-2.5	-1.4	-1.2	-0.4	-0.7	-1.0
66	-1.1	-1.5	-1.1	-1.1	-2.6	-1.3	-1.2	-0.1	-0.6	-1.1
67	-1.2	-1.5	-1.2	-1.2	-2.4	-1.2	-1.2	-0.2	-0.7	-1.2
68	-1.3	-1.5	-1.2	-1.3	-2.1	-1.2	-1.2	-0.3	-0.9	-1.3
69	-1.3	-1.4	-1.2	-1.2	-1.8	-1.1	-1.2	-0.5	-1.0	-1.3
70	-1.3	-1.3	-1.2	-1.2	-1.4	-1.1	-1.2	-0.9	-1.1	-1.2
71	-1.2	-1.3	-1.2	-1.2	-1.6	-1.3	-1.2	-1.1	-1.0	-1.0
72	-1.2	-1.4	-1.3	-1.2	-1.7	-1.3	-1.1	-0.9	-0.9	-0.8
73	-1.5	-1.4	-1.3	-1.2	-1.1	-1.0	-1.0	-1.0	-0.9	-0.9
74	-1.6	-1.2	-1.3	-1.2	0.0	-0.9	-0.9	-1.7	-1.2	-0.8
75	-1.8	-1.0	-1.3	-1.2	0.8	-0.8	-0.8	-2.2	-1.5	-0.9
76	-1.8	-1.0	-1.3	-1.2	1.1	-0.7	-0.8	-2.4	-1.6	-1.0
77	-1.9	-0.9	-1.3	-1.2	1.5	-0.5	-0.8	-2.4	-1.7	-1.1
78	-2.0	-0.9	-1.3	-1.2	1.9	-0.4	-0.7	-2.5	-1.8	-1.2
79	-1.9	-0.8	-1.2	-1.2	2.1	-0.3	-0.7	-2.4	-1.9	-1.4
80	-2.0	-0.8	-1.2	-1.2	2.3	-0.2	-0.7	-2.4	-2.0	-1.5
81	-1.9	-0.7	-1.1	-1.2	2.3	-0.2	-0.8	-2.6	-2.0	-1.6
82	-1.9	-0.6	-1.0	-1.2	2.7	0.0	-0.7	-2.4	-2.1	-1.8
83	-1.8	-0.5	-0.9	-1.1	2.9	0.2	-0.6	-2.4	-2.1	-1.9
84	-1.8	-0.4	-0.8	-1.1	3.1	0.3	-0.6	-2.2	-2.2	-2.1
85	-1.7	-0.3	-0.8	-1.1	3.1	0.4	-0.6	-2.1	-2.1	-2.2
86	-1.8	-0.5	-0.7	-1.1	2.8	0.6	-0.6	-1.4	-2.0	-2.4
87	-1.7	-0.5	-0.6	-1.0	2.5	0.8	-0.5	-0.8	-1.8	-2.6
88	-1.6	-0.6	-0.5	-1.0	2.0	0.9	-0.5	-0.2	-1.6	-2.8
89	-1.6	-0.6	-0.4	-1.0	1.8	1.0	-0.5	0.4	-1.5	-3.0
90	-1.6	-0.7	-0.3	-1.0	1.7	1.2	-0.5	0.8	-1.5	-3.4
91	-1.5	-0.8	-0.2	-1.0	1.1	1.5	-0.5	1.8	-1.2	-3.8
92	-1.1	-0.6	0.3	-0.8	0.7	1.9	-0.6	3.0	-1.2	-4.6
93	-0.9	-0.5	0.6	-0.7	0.5	2.3	-0.5	3.9	-0.9	-4.9
94	-0.8	-0.4	0.8	-0.5	0.7	2.7	-0.3	4.6	-0.8	-5.2
95	-0.6	-0.2	1.0	-0.4	0.6	3.0	-0.3	5.2	-0.6	-5.5
96	-0.5	-0.3	1.2	-0.3	0.4	3.2	-0.1	5.9	-0.3	-5.4
97	-0.3	-0.2	1.4	-0.1	0.1	3.4	0.0	6.4	0.0	-5.4
98	0.0	0.0	1.7	0.1	0.0	3.7	0.2	7.0	0.3	-5.3
99	0.3	0.2	1.9	0.3	0.0	3.9	0.4	7.5	0.5	-5.2
100	0.6	0.3	2.1	0.5	-0.4	3.8	0.5	7.7	0.8	-4.9
101	1.0	0.5	2.3	0.7	-0.7	3.7	0.5	7.8	1.0	-4.5
102	1.5	0.8	2.5	1.0	-0.9	3.7	0.6	7.8	1.2	-4.2
103	1.7	0.9	2.5	1.1	-1.3	3.4	0.7	7.7	1.5	-3.7
104	1.9	0.9	2.4	1.2	-1.7	3.0	0.6	7.4	1.6	-3.2
105	1.9	1.0	2.3	1.2	-1.3	2.7	0.7	6.4	1.6	-2.4
106	1.7	0.7	1.9	1.2	-1.7	2.2	0.8	5.8	1.9	-1.3
107	1.8	0.6	1.6	1.4	-2.4	1.3	1.1	4.7	2.6	0.8
108	1.6	0.2	1.4	1.4	-3.2	1.0	1.2	5.0	3.1	1.5
109	1.6	0.0	1.3	1.4	-3.9	0.9	1.3	5.4	3.5	1.9
110	1.9	0.0	1.4	1.6	-4.7	0.7	1.4	5.7	3.9	2.4
111	2.3	0.1	1.5	1.8	-5.6	0.5	1.5	6.0	4.4	3.1
112	2.7	0.2	1.6	2.1	-6.2	0.2	1.6	6.1	4.9	3.9

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
57	545647.1	3150164.7	545586.8	3150129.0	545546.8	3150105.4	545539.1	3150100.8	545520.3	3150089.7
58	545666.3	3150117.9	545608.0	3150083.4	545568.1	3150059.8	545559.8	3150054.9	545540.5	3150043.5
59	545685.8	3150071.4	545627.5	3150036.9	545591.7	3150015.7	545581.6	3150009.7	545561.0	3149997.6
60	545705.7	3150025.1	545650.6	3149992.5	545609.7	3149968.2	545601.8	3149963.6	545582.3	3149952.0
61	545721.9	3149976.5	545674.1	3149948.3	545630.2	3149922.3	545622.6	3149917.8	545603.9	3149906.8
62	545737.2	3149927.5	545696.7	3149903.5	545650.5	3149876.2	545641.2	3149870.7	545625.7	3149861.6
63	545757.7	3149881.6	545719.8	3149859.1	545672.1	3149830.9	545664.9	3149826.7	545645.9	3149815.4
64	545780.0	3149836.6	545742.9	3149814.7	545694.6	3149786.1	545686.6	3149781.4	545665.9	3149769.2
65	545801.4	3149791.2	545758.9	3149766.1	545715.8	3149740.6	545708.5	3149736.3	545686.5	3149723.2
66	545822.7	3149745.7	545777.3	3149718.9	545733.2	3149692.8	545731.9	3149692.0	545707.1	3149677.3
67	545848.8	3149703.1	545797.0	3149672.4	545756.4	3149648.4	545752.7	3149646.2	545726.1	3149630.5
68	545873.5	3149659.5	545816.6	3149625.9	545780.7	3149604.7	545774.9	3149601.3	545745.3	3149583.7
69	545892.3	3149612.6	545836.1	3149579.4	545805.0	3149561.0	545795.7	3149555.5	545765.7	3149537.7
70	545911.6	3149565.9	545855.4	3149532.7	545831.2	3149518.4	545814.7	3149508.6	545787.6	3149492.6
71	545932.2	3149520.0	545882.4	3149490.6	545855.4	3149474.6	545835.5	3149462.8	545812.2	3149449.0
72	545955.1	3149475.4	545902.4	3149444.3	545873.0	3149426.9	545855.8	3149416.7	545836.7	3149405.4
73	545979.7	3149431.9	545916.9	3149394.8	545897.6	3149383.4	545879.4	3149372.6	545858.8	3149360.4
74	546001.8	3149386.9	545931.1	3149345.1	545930.5	3149344.7	545897.8	3149325.4	545880.1	3149314.9
75	546022.9	3149341.3	545947.6	3149296.8	545960.8	3149304.6	545919.7	3149280.2	545899.0	3149268.0
76	546044.4	3149295.9	545965.6	3149249.3	545985.2	3149260.9	545940.4	3149234.4	545918.8	3149221.6
77	546066.2	3149250.7	545984.4	3149202.3	546010.9	3149218.0	545965.9	3149191.4	545940.0	3149176.1
78	546086.0	3149204.4	546001.4	3149154.3	546034.3	3149173.8	545987.2	3149145.9	545960.5	3149130.1
79	546105.8	3149158.0	546022.2	3149108.5	546057.5	3149129.4	546012.7	3149102.9	545980.5	3149083.8
80	546127.5	3149112.7	546043.0	3149062.7	546081.9	3149085.7	546036.1	3149058.6	546001.1	3149038.0
81	546147.6	3149066.5	546067.3	3149019.0	546107.0	3149042.5	546058.7	3149013.9	546022.9	3148992.7
82	546165.2	3149018.8	546085.1	3148971.5	546130.7	3148998.5	546085.5	3148971.7	546045.0	3148947.7
83	546182.0	3148970.7	546103.4	3148924.2	546154.0	3148954.1	546109.1	3148927.6	546065.6	3148901.8
84	546198.1	3148922.1	546122.6	3148877.5	546175.5	3148908.7	546134.9	3148884.7	546086.5	3148856.1
85	546217.0	3148875.2	546142.6	3148831.2	546196.1	3148862.8	546157.5	3148840.0	546107.8	3148810.6
86	546239.9	3148830.7	546162.3	3148784.7	546211.0	3148813.5	546184.0	3148797.6	546129.1	3148765.1
87	546255.2	3148781.6	546182.9	3148738.9	546226.4	3148764.6	546210.8	3148755.3	546151.5	3148720.3
88	546273.7	3148734.5	546205.6	3148694.2	546240.6	3148714.9	546236.6	3148712.5	546174.2	3148675.6
89	546295.1	3148689.0	546226.9	3148648.7	546258.0	3148667.1	546264.6	3148671.0	546196.0	3148630.4
90	546315.7	3148643.1	546247.6	3148602.9	546276.1	3148619.7	546292.0	3148629.1	546215.8	3148584.1
91	546333.5	3148595.5	546267.9	3148556.8	546287.3	3148568.2	546321.3	3148588.3	546236.4	3148538.1
92	546352.7	3148501.2	546298.4	3148498.8	546312.1	3148499.4	546376.6	3148502.3	546256.1	3148496.9
93	546361.0	3148451.6	546315.4	3148449.5	546325.4	3148450.0	546411.5	3148453.9	546281.8	3148448.0
94	546370.5	3148401.9	546331.2	3148400.2	546344.6	3148400.8	546444.4	3148405.3	546307.8	3148399.1
95	546380.1	3148352.3	546351.4	3148351.0	546364.0	3148351.6	546476.4	3148356.7	546332.9	3148350.2
96	546389.7	3148302.7	546365.1	3148301.6	546372.2	3148301.9	546500.0	3148307.7	546358.1	3148301.3
97	546395.4	3148252.9	546383.0	3148252.4	546384.9	3148252.4	546525.1	3148258.8	546384.5	3148252.4
98	546396.8	3148202.9	546397.9	3148203.0	546397.3	3148203.0	546550.6	3148209.9	546412.5	3148203.6
99	546398.0	3148152.9	546412.6	3148153.6	546411.6	3148153.6	546574.3	3148160.9	546437.2	3148154.7
100	546399.0	3148102.9	546430.5	3148104.4	546422.6	3148104.0	546590.5	3148111.6	546461.9	3148105.8
101	546396.3	3148052.8	546447.6	3148055.1	546434.2	3148054.5	546603.5	3148062.2	546484.6	3148056.8
102	546389.3	3148002.4	546462.7	3148005.7	546444.5	3148004.9	546615.3	3148012.7	546504.3	3148007.6
103	546390.8	3147952.4	546475.9	3147956.3	546450.3	3147955.1	546618.6	3147962.7	546520.9	3147958.3
104	546395.2	3147902.6	546489.4	3147906.8	546455.1	3147905.3	546616.4	3147912.6	546533.5	3147908.8
105	546398.4	3147852.6	546492.6	3147856.9	546466.6	3147855.7	546605.2	3147862.0	546542.3	3147859.2
106	546406.8	3147803.0	546492.8	3147806.9	546457.9	3147805.3	546583.3	3147811.0	546549.0	3147809.4
107	546410.9	3147779.6	546492.9	3147738.0	546449.6	3147759.9	546541.7	3147713.2	546559.7	3147704.1
108	546413.8	3147722.0	546486.7	3147685.0	546429.1	3147714.3	546525.8	3147665.2	546560.0	3147647.8
109	546405.7	3147670.1	546478.3	3147633.2	546408.2	3147668.8	546512.9	3147615.7	546558.3	3147592.6
110	546384.9	3147624.6	546470.3	3147581.2	546386.4	3147623.8	546497.7	3147567.3	546554.4	3147538.5
111	546353.8	3147584.3	546457.2	3147531.8	546357.6	3147582.4	546475.3	3147522.6	546548.0	3147485.7
112	546320.0	3147545.4	546441.4	3147483.8	546330.1	3147540.2	546449.4	3147479.7	546540.2	3147433.6

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
113	3.0	0.2	1.6	2.3	-7.0	-0.1	1.8	6.3	5.4	4.7
114	3.2	0.2	1.6	2.5	-7.3	-0.3	1.9	6.2	5.8	5.4
115	3.5	0.4	1.6	2.6	-7.4	-0.7	2.0	5.5	5.9	6.3
116	3.7	0.7	1.6	2.8	-7.0	-1.0	2.1	4.4	5.9	7.1
117	3.6	1.1	1.2	2.5	-5.2	-1.6	1.8	1.7	4.7	7.2
118	3.1	1.3	1.1	2.3	-3.3	-1.3	1.7	0.4	3.8	6.6
119	2.7	1.5	1.0	2.1	-1.6	-1.1	1.7	-0.6	3.0	6.1
120	2.5	1.7	0.9	1.9	-0.4	-1.0	1.5	-1.6	2.3	5.6
121	2.0	1.8	0.8	1.8	1.2	-0.7	1.6	-2.4	1.8	5.3
122	1.5	2.0	0.7	1.7	3.4	-0.3	1.8	-3.6	1.1	5.0
123	1.0	2.3	0.7	1.6	5.6	0.3	2.0	-4.5	0.5	4.7
124	0.4	2.4	0.6	1.5	7.4	0.9	2.3	-5.0	0.1	4.4
125	-0.2	2.4	0.6	1.4	9.0	1.6	2.5	-5.3	-0.2	4.0
126	-0.6	2.6	0.7	1.3	10.4	2.2	2.7	-5.2	-0.6	3.3
127	-0.8	2.7	0.8	1.2	11.3	2.5	2.6	-5.5	-1.0	2.7
128	-0.8	2.7	0.7	1.2	11.6	2.6	2.6	-5.6	-1.1	2.6
129	-0.6	2.8	0.8	1.2	11.2	2.6	2.5	-5.3	-1.1	2.4
130	-0.4	2.8	1.0	1.3	11.0	2.8	2.5	-4.7	-1.0	2.1
131	-0.2	2.9	1.3	1.4	10.7	3.1	2.5	-3.8	-0.8	1.6
132	-0.1	2.9	1.5	1.4	10.3	3.4	2.5	-2.9	-0.7	1.1
133	0.0	2.9	1.8	1.5	10.1	3.8	2.5	-1.9	-0.6	0.4
134	0.2	2.9	2.0	1.5	9.6	4.1	2.4	-0.9	-0.5	-0.2
135	0.5	2.9	1.9	1.5	8.8	3.6	2.2	-1.2	-0.6	-0.1
136	0.9	2.9	1.5	1.5	8.1	2.3	1.9	-3.0	-0.7	1.2
137	1.2	3.1	1.4	1.5	7.8	1.7	1.7	-3.9	-0.9	1.6
138	1.5	3.1	1.3	1.5	7.0	1.1	1.5	-4.3	-0.8	2.1
139	1.8	3.1	1.4	1.6	6.4	0.8	1.4	-4.2	-0.7	2.2
140	2.1	3.1	1.4	1.6	5.7	0.6	1.2	-4.0	-0.7	2.0
141	2.4	3.2	1.5	1.6	5.2	0.5	0.9	-3.9	-0.8	1.7
142	2.9	3.4	1.7	1.6	4.9	0.4	0.7	-3.8	-1.0	1.3
143	3.5	3.9	2.1	1.8	4.9	0.4	0.5	-3.8	-1.3	0.8
144	4.4	4.5	2.6	2.1	4.6	0.4	0.4	-3.4	-1.4	0.3
145	5.2	5.0	3.1	2.3	4.3	0.5	0.2	-2.9	-1.5	-0.3
146	5.6	5.2	3.4	2.5	4.3	0.7	0.1	-2.6	-1.6	-0.7
147	5.9	5.6	3.7	2.7	4.6	1.1	0.3	-2.1	-1.4	-0.9
148	6.0	5.7	4.0	2.9	4.9	1.7	0.6	-1.2	-1.1	-1.0
149	6.1	5.9	4.3	3.1	5.3	2.1	0.9	-0.8	-0.9	-1.0
150	6.0	6.0	4.5	3.3	6.1	2.8	1.3	-0.3	-0.7	-1.0
151	5.7	6.0	4.7	3.5	6.7	3.4	1.8	0.3	-0.3	-0.7
152	5.8	6.1	4.9	3.6	6.9	3.8	2.1	1.0	0.1	-0.7
153	5.9	6.1	5.0	3.8	6.5	3.9	2.2	1.6	0.5	-0.5
154	5.9	6.1	5.1	3.9	6.5	4.1	2.4	1.9	0.7	-0.3
155	5.9	6.1	5.2	4.0	6.6	4.3	2.6	2.2	1.0	0.0
156	6.0	6.1	5.2	4.2	6.5	4.4	2.8	2.4	1.3	0.4
157	6.0	6.2	5.3	4.2	6.6	4.5	3.0	2.5	1.4	0.5
158	6.0	6.1	5.3	4.3	6.5	4.6	3.1	2.8	1.6	0.7
159	5.9	6.1	5.3	4.3	6.6	4.7	3.2	3.0	1.8	0.8
160	5.7	6.1	5.4	4.4	6.9	5.0	3.4	3.2	1.9	0.9
161	5.6	6.0	5.4	4.4	7.1	5.2	3.6	3.5	2.1	0.9
162	5.4	5.9	5.4	4.5	7.0	5.5	3.8	4.0	2.4	1.0
163	5.3	5.9	5.5	4.5	7.2	5.7	3.9	4.3	2.6	1.2
164	5.2	5.7	5.5	4.6	7.0	5.9	4.1	4.9	3.0	1.3
165	5.0	5.5	5.5	4.6	6.9	6.1	4.3	5.4	3.2	1.5
166	4.8	5.3	5.5	4.6	6.7	6.2	4.5	5.9	3.6	1.7
167	4.8	5.3	5.5	4.7	6.6	6.4	4.6	6.2	3.7	1.7
168	4.7	5.3	5.5	4.6	6.8	6.6	4.6	6.3	3.7	1.4

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
113	546285.9	3147506.6	546420.9	3147438.1	546296.1	3147501.4	546418.7	3147439.2	546529.2	3147383.1
114	546253.1	3147467.2	546396.9	3147394.2	546266.1	3147460.5	546386.5	3147399.5	546513.5	3147335.1
115	546216.0	3147429.9	546371.4	3147351.1	546239.4	3147418.0	546346.4	3147363.7	546494.1	3147288.8
116	546175.7	3147394.3	546342.7	3147309.5	546218.2	3147372.7	546304.0	3147329.2	546469.7	3147245.1
117	546158.8	3147377.7	546230.1	3147213.7	546188.4	3147309.6	546202.8	3147276.5	546278.0	3147103.5
118	546120.3	3147340.9	546181.5	3147200.1	546155.3	3147260.3	546159.1	3147251.5	546228.3	3147092.4
119	546079.4	3147309.4	546133.6	3147184.8	546120.7	3147214.6	546115.2	3147227.3	546179.0	3147080.5
120	546038.9	3147277.2	546088.9	3147162.2	546085.6	3147169.9	546072.0	3147201.1	546130.2	3147067.4
121	545997.9	3147246.1	546038.2	3147153.5	546047.6	3147131.9	546026.7	3147180.0	546081.8	3147053.3
122	545955.4	3147218.4	545985.3	3147149.8	546012.2	3147087.9	545981.0	3147159.6	546033.1	3147039.8
123	545911.9	3147193.2	545931.2	3147148.7	545975.6	3147046.6	545936.2	3147137.2	545985.1	3147024.9
124	545868.5	3147167.6	545876.8	3147148.5	545935.8	3147012.7	545892.0	3147113.5	545937.9	3147008.0
125	545826.6	3147138.6	545822.2	3147148.6	545894.3	3146982.8	545848.5	3147088.1	545890.7	3146991.2
126	545781.2	3147117.6	545769.7	3147144.1	545852.4	3146953.8	545807.1	3147058.0	545841.8	3146978.1
127	545735.9	3147096.4	545720.8	3147131.0	545811.3	3146923.0	545763.3	3147033.3	545792.1	3146967.1
128	545688.8	3147079.4	545672.3	3147117.2	545764.5	3146905.2	545715.9	3147016.9	545743.5	3146953.5
129	545639.7	3147066.8	545627.6	3147094.6	545716.8	3146889.4	545670.7	3146995.6	545695.7	3146938.1
130	545588.6	3147058.9	545580.2	3147078.2	545667.7	3146877.0	545626.7	3146971.3	545648.5	3146921.3
131	545536.8	3147052.7	545532.3	3147063.0	545617.3	3146867.5	545584.0	3146944.2	545601.1	3146904.7
132	545486.2	3147043.7	545484.4	3147047.8	545566.8	3146858.2	545541.4	3146916.7	545553.4	3146889.1
133	545436.1	3147033.6	545436.6	3147032.4	545517.2	3146847.1	545500.8	3146884.8	545505.1	3146874.9
134	545385.5	3147024.4	545389.2	3147015.9	545465.7	3146840.1	545457.9	3146858.1	545455.6	3146863.3
135	545334.1	3147017.3	545344.0	3146994.5	545414.4	3146832.6	545404.1	3146856.4	545403.4	3146857.8
136	545282.5	3147010.7	545300.2	3146969.9	545364.7	3146821.5	545338.7	3146881.4	545351.5	3146851.9
137	545230.6	3147004.6	545254.5	3146949.6	545316.4	3146807.2	545282.7	3146884.8	545299.7	3146845.6
138	545177.8	3147000.6	545207.4	3146932.5	545263.5	3146803.6	545226.0	3146889.7	545248.3	3146838.4
139	545124.4	3146998.1	545160.5	3146915.0	545211.3	3146798.2	545174.6	3146882.6	545197.3	3146830.3
140	545072.8	3146991.2	545114.7	3146895.0	545160.1	3146790.5	545125.4	3146870.4	545146.3	3146822.2
141	545021.0	3146985.0	545069.8	3146872.8	545111.5	3146776.9	545077.7	3146854.6	545095.3	3146814.1
142	544967.8	3146982.0	545025.1	3146850.2	545064.1	3146760.6	545031.1	3146836.5	545044.3	3146806.1
143	544908.2	3146993.7	544978.5	3146832.1	545017.5	3146742.4	544984.8	3146817.5	544993.3	3146798.0
144	544843.7	3147016.7	544931.9	3146813.7	544968.4	3146729.9	544938.8	3146798.0	544942.3	3146789.9
145	544781.2	3147034.9	544885.8	3146794.4	544920.1	3146715.6	544894.7	3146774.0	544891.3	3146781.8
146	544724.4	3147040.2	544836.4	3146782.6	544870.6	3146703.9	544848.0	3146755.9	544840.3	3146773.7
147	544665.8	3147049.6	544784.4	3146776.8	544820.8	3146693.0	544802.9	3146734.3	544793.1	3146756.7
148	544610.7	3147050.8	544730.6	3146775.2	544769.4	3146685.9	544758.8	3146710.4	544747.9	3146735.4
149	544556.3	3147050.7	544677.0	3146773.0	544719.7	3146674.9	544712.8	3146690.7	544702.6	3146714.1
150	544501.9	3147050.5	544622.0	3146774.1	544670.6	3146662.4	544668.3	3146667.6	544657.9	3146691.6
151	544452.0	3147039.7	544566.3	3146776.9	544619.7	3146653.9	544622.5	3146647.7	544614.9	3146665.0
152	544400.3	3147033.3	544515.0	3146769.5	544570.1	3146642.7	544578.7	3146623.0	544571.5	3146639.6
153	544349.6	3147024.5	544467.4	3146753.5	544519.3	3146634.1	544533.2	3146602.2	544528.3	3146613.6
154	544301.5	3147009.7	544419.5	3146738.2	544471.3	3146619.3	544487.9	3146581.1	544485.2	3146587.3
155	544253.8	3146993.9	544371.4	3146723.5	544424.0	3146602.6	544442.8	3146559.3	544442.6	3146559.9
156	544203.9	3146983.4	544322.5	3146710.5	544374.5	3146591.0	544395.8	3146542.0	544399.7	3146533.0
157	544156.6	3146966.8	544276.0	3146692.1	544329.0	3146570.4	544351.0	3146519.7	544356.6	3146506.7
158	544110.4	3146947.6	544229.8	3146673.0	544281.3	3146554.6	544305.7	3146498.4	544312.9	3146482.0
159	544064.2	3146928.4	544180.9	3146660.0	544233.4	3146539.3	544259.9	3146478.4	544268.4	3146458.9
160	544017.7	3146910.1	544131.6	3146648.2	544186.7	3146521.4	544214.5	3146457.3	544223.9	3146435.9
161	543971.7	3146890.4	544082.5	3146635.7	544139.1	3146505.5	544169.8	3146434.9	544179.3	3146413.0
162	543925.5	3146871.4	544033.6	3146622.7	544089.7	3146493.6	544124.9	3146412.6	544135.4	3146388.5
163	543878.5	3146854.1	543984.9	3146609.2	544042.6	3146476.5	544079.9	3146390.8	544092.0	3146363.0
164	543833.2	3146832.9	543936.4	3146595.5	543992.0	3146467.5	544034.8	3146369.1	544048.9	3146336.8
165	543789.0	3146808.9	543888.1	3146581.0	543943.5	3146453.6	543990.1	3146346.5	544005.3	3146311.5
166	543744.9	3146785.0	543841.0	3146564.1	543894.0	3146442.1	543945.2	3146324.4	543962.5	3146284.7
167	543699.4	3146764.3	543794.5	3146545.7	543847.0	3146424.8	543900.7	3146301.3	543918.4	3146260.7
168	543653.7	3146744.1	543747.2	3146529.1	543801.5	3146404.0	543856.8	3146277.0	543871.6	3146242.8

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
169	4.6	5.2	5.6	4.6	6.8	6.7	4.6	6.7	3.7	1.2
170	4.4	5.1	5.5	4.5	6.9	7.0	4.6	7.0	3.7	0.9
171	4.2	5.0	5.5	4.4	7.0	7.1	4.6	7.1	3.6	0.7
172	4.1	4.8	5.5	4.4	6.8	7.1	4.6	7.4	3.7	0.6
173	4.0	4.7	5.4	4.3	6.6	7.1	4.6	7.6	3.7	0.5
174	3.7	4.6	5.3	4.2	6.8	7.2	4.6	7.5	3.7	0.4
175	3.6	4.5	5.3	4.2	6.7	7.2	4.6	7.7	3.8	0.5
176	3.5	4.4	5.2	4.2	6.4	7.3	4.6	8.0	3.9	0.4
177	3.5	4.2	5.2	4.2	6.2	7.3	4.7	8.3	4.1	0.5
178	3.4	4.2	5.2	4.2	6.1	7.3	4.7	8.3	4.1	0.6
179	3.4	4.1	5.1	4.1	5.8	7.1	4.7	8.4	4.2	0.7
180	3.5	4.1	5.1	4.1	5.6	7.0	4.6	8.3	4.2	0.8
181	3.6	4.1	5.1	4.2	5.4	7.0	4.6	8.4	4.3	0.8
182	3.6	4.1	5.1	4.2	5.3	6.9	4.6	8.4	4.3	1.0
183	3.6	4.0	5.0	4.2	5.0	6.8	4.6	8.4	4.5	1.2
184	3.6	3.9	5.0	4.2	4.5	6.7	4.6	8.6	4.6	1.3
185	3.6	3.9	5.0	4.2	4.5	6.6	4.7	8.6	4.7	1.5
186	3.7	3.8	5.0	4.3	4.1	6.5	4.7	8.7	4.9	1.8
187	3.8	3.8	5.0	4.3	4.0	6.4	4.6	8.5	4.9	1.9
188	3.8	3.8	4.9	4.3	3.8	6.2	4.7	8.3	5.0	2.2
189	3.9	3.8	4.8	4.3	3.5	6.0	4.6	8.2	5.0	2.4
190	4.0	3.8	4.8	4.3	3.1	5.8	4.5	8.2	5.1	2.5
191	4.2	3.8	4.8	4.3	2.9	5.6	4.5	8.1	5.1	2.6
192	4.2	3.8	4.8	4.3	2.8	5.4	4.4	7.8	5.1	2.8
193	4.2	3.9	4.8	4.4	3.2	5.5	4.5	7.6	5.0	2.9
194	4.2	4.0	4.8	4.4	3.3	5.4	4.6	7.3	5.1	3.2
195	4.2	4.0	4.7	4.4	3.4	5.2	4.6	6.9	5.0	3.5
196	4.1	3.9	4.6	4.4	3.5	5.1	4.6	6.6	5.1	3.9
197	4.1	4.1	4.6	4.5	4.0	5.1	4.7	6.1	5.0	4.1
198	4.2	4.2	4.6	4.5	4.3	5.0	4.7	5.7	4.9	4.2
199	4.1	4.3	4.5	4.5	4.7	5.1	4.8	5.4	4.8	4.3
200	4.0	4.4	4.5	4.5	5.2	5.0	4.8	4.8	4.7	4.6
201	4.2	4.4	4.5	4.5	5.1	4.8	4.8	4.5	4.6	4.7
202	4.2	4.5			5.0					
203	4.3	4.5	4.9	4.9	5.1	5.7	5.3	6.2	5.4	4.6
204	4.3	4.6	4.8	4.8	5.3	5.5	5.3	5.6	5.2	4.9
205	4.1	4.5	4.7	4.8	5.7	5.5	5.3	5.3	5.1	5.0
206	4.1	4.6	4.7	4.8	5.8	5.4	5.2	5.0	5.0	5.1
207	4.2	4.1	4.7	4.8	4.0	5.2	5.2	6.3	5.7	5.2
208	4.2	4.1	4.7	4.8	3.9	5.2	5.2	6.3	5.7	5.2
209	4.2	4.1	4.7	4.8	3.6	5.2	5.2	6.6	5.9	5.3
210	4.2	3.9	4.6	4.8	3.3	5.1	5.2	6.8	5.9	5.2
211	4.2	3.8	4.5	4.7	2.7	4.8	5.1	6.7	6.0	5.4
212	4.2	3.6	4.4	4.7	2.2	4.7	5.0	7.0	6.1	5.4
213	4.2	3.4	4.4	4.6	1.5	4.6	4.9	7.4	6.4	5.5
214	4.1	3.2	4.3	4.6	1.0	4.4	4.9	7.5	6.5	5.7
215	4.0	3.1	4.2	4.5	0.7	4.3	4.8	7.7	6.5	5.5
216	3.9	2.9	4.1	4.4	0.4	4.3	4.8	7.9	6.6	5.5
217	3.8	2.8	4.0	4.3	0.4	4.3	4.7	7.9	6.5	5.4
218	3.8	2.8	4.0	4.3	0.3	4.2	4.6	7.8	6.4	5.3
219	3.8	2.7	3.9	4.2	0.1	4.1	4.5	7.8	6.3	5.1
220	3.6	2.6	3.9	4.1	0.1	4.1	4.5	7.8	6.3	5.0
221	3.6	2.7	3.9	4.1	0.2	4.2	4.4	7.8	6.1	4.7
222	3.6	2.7	3.8	4.0	0.4	4.1	4.3	7.6	5.9	4.6
223	3.5	2.7	3.8	3.9	0.5	4.2	4.2	7.5	5.8	4.3
224	3.5	2.6	3.7	3.9	0.4	4.0	4.2	7.3	5.7	4.4

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
169	543608.2	3146723.3	543699.5	3146513.4	543753.5	3146389.1	543811.8	3146254.9	543824.1	3146226.8
170	543564.4	3146698.6	543651.3	3146498.8	543706.2	3146372.6	543767.3	3146232.1	543776.9	3146209.9
171	543520.5	3146674.1	543603.6	3146483.0	543659.4	3146354.8	543721.5	3146211.9	543729.1	3146194.5
172	543475.8	3146651.7	543557.1	3146464.7	543610.9	3146340.8	543675.6	3146192.0	543681.6	3146178.3
173	543432.2	3146626.5	543511.2	3146444.8	543563.6	3146324.4	543629.4	3146173.0	543634.9	3146160.3
174	543389.5	3146599.3	543464.2	3146427.5	543518.2	3146303.3	543583.9	3146152.3	543588.5	3146141.6
175	543345.6	3146574.9	543417.6	3146409.4	543470.7	3146287.2	543538.0	3146132.3	543542.9	3146121.1
176	543301.7	3146550.5	543372.4	3146387.8	543423.6	3146270.2	543493.5	3146109.3	543497.9	3146099.2
177	543257.7	3146526.2	543326.8	3146367.2	543375.9	3146254.4	543448.5	3146087.4	543453.6	3146075.6
178	543213.8	3146501.8	543281.5	3146346.0	543330.3	3146234.0	543402.8	3146067.1	543409.4	3146052.0
179	543170.2	3146476.8	543238.1	3146320.4	543284.6	3146213.7	543357.3	3146046.5	543365.0	3146028.7
180	543126.1	3146452.7	543195.4	3146293.4	543240.2	3146190.2	543312.8	3146023.4	543321.0	3146004.5
181	543081.4	3146430.1	543152.5	3146266.6	543195.4	3146167.8	543268.6	3145999.6	543277.2	3145979.9
182	543037.9	3146404.8	543109.0	3146241.2	543151.1	3146144.3	543224.3	3145976.0	543234.4	3145952.9
183	542995.3	3146377.4	543066.3	3146214.0	543106.2	3146122.2	543179.2	3145954.5	543191.7	3145925.7
184	542952.1	3146351.3	543024.8	3146184.2	543060.8	3146101.3	543135.7	3145929.0	543149.4	3145897.7
185	542908.8	3146325.5	542981.1	3146159.2	543016.6	3146077.5	543091.5	3145905.4	543107.4	3145868.8
186	542865.5	3146299.7	542939.3	3146130.0	542971.6	3146055.7	543047.5	3145881.1	543065.9	3145838.9
187	542822.7	3146272.8	542898.2	3146099.0	542930.1	3146025.8	543004.2	3145855.3	543024.3	3145809.2
188	542781.2	3146242.7	542856.7	3146069.2	542887.3	3145998.8	542960.0	3145831.6	542983.0	3145778.7
189	542738.9	3146214.8	542817.0	3146035.1	542844.9	3145971.0	542916.2	3145806.8	542941.4	3145748.9
190	542696.6	3146186.5	542777.2	3146001.2	542802.3	3145943.6	542873.6	3145779.5	542900.0	3145718.7
191	542655.0	3146156.8	542737.9	3145966.3	542761.1	3145912.8	542831.2	3145751.6	542858.7	3145688.3
192	542613.4	3146127.1	542697.9	3145932.8	542720.0	3145882.0	542788.3	3145724.9	542817.9	3145656.8
193	542571.7	3146097.8	542655.6	3145904.6	542681.1	3145846.0	542747.2	3145694.1	542777.9	3145623.4
194	542529.6	3146069.1	542614.0	3145874.9	542640.7	3145813.7	542704.5	3145666.8	542737.8	3145590.2
195	542489.7	3146035.4	542574.1	3145841.4	542601.4	3145778.6	542661.2	3145641.0	542698.1	3145556.2
196	542452.2	3145996.3	542533.9	3145808.5	542562.0	3145743.8	542619.3	3145611.9	542660.0	3145518.3
197	542410.8	3145966.2	542493.3	3145776.4	542524.9	3145703.8	542577.7	3145582.3	542620.3	3145484.2
198	542368.7	3145937.6	542453.0	3145743.6	542487.3	3145664.8	542537.0	3145550.6	542581.1	3145449.2
199	542330.5	3145899.9	542412.3	3145711.8	542449.6	3145626.0	542497.0	3145517.1	542542.3	3145412.9
200	542292.4	3145862.3	542373.1	3145676.7	542414.4	3145581.6	542456.5	3145484.9	542504.4	3145374.8
201	542254.0	3145825.2	542337.1	3145634.1	542377.4	3145541.3	542416.9	3145450.4	542466.1	3145337.3
202	542169.2	3145730.0	542373.58	3145677.2	542471.0	3145652.0				
203	542131.0	3145688.3	542337.66	3145634.8	542437.0	3145609.1	542569.0	3145575.0	542686.6	3145544.6
204	542091.3	3145646.9	542298.1	3145593.4	542401.1	3145566.8	542519.4	3145536.2	542644.2	3145503.9
205	542050.7	3145605.7	542249.4	3145554.4	542359.0	3145526.0	542471.4	3145496.9	542597.6	3145464.3
206	542008.8	3145564.9	542208.1	3145513.4	542320.5	3145484.3	542425.3	3145457.2	542554.2	3145423.9
207	541966.0	3145524.4	542169.7	3145471.7	542246.8	3145451.7	542380.1	3145417.3	542512.2	3145383.1
208	541922.9	3145483.9	542128.3	3145430.7	542204.0	3145411.2	542337.8	3145376.6	542471.1	3145342.1
209	541880.1	3145443.3	542085.5	3145390.2	542156.0	3145371.9	542294.4	3145336.1	542428.6	3145301.4
210	541840.9	3145401.8	542044.0	3145349.3	542108.0	3145332.7	542250.9	3145295.8	542384.1	3145261.3
211	541805.7	3145359.2	542009.9	3145306.4	542063.2	3145292.7	542205.8	3145255.8	542343.5	3145220.2
212	541770.6	3145316.7	541974.3	3145264.0	542016.4	3145253.1	542165.1	3145214.6	542302.2	3145179.2
213	541733.5	3145274.6	541936.6	3145222.1	541966.0	3145214.5	542122.2	3145174.1	542262.7	3145137.8
214	541700.9	3145231.4	541900.5	3145179.8	541920.6	3145174.6	542079.1	3145133.6	542222.7	3145096.4
215	541670.6	3145187.6	541865.2	3145137.3	541878.7	3145133.8	542040.5	3145091.9	542180.6	3145055.7
216	541639.0	3145144.1	541827.5	3145095.4	541835.7	3145093.2	542002.3	3145050.2	542143.3	3145013.7
217	541605.5	3145101.1	541790.2	3145053.4	541797.1	3145051.6	541965.1	3145008.1	542101.5	3144972.9
218	541569.1	3145058.9	541755.0	3145010.8	541761.6	3145009.1	541926.2	3144966.6	542059.9	3144932.0
219	541538.9	3145015.1	541722.8	3144967.5	541724.3	3144967.1	541890.0	3144924.3	542019.1	3144890.9
220	541510.1	3144970.9	541686.6	3144925.2	541688.8	3144924.6	541853.8	3144882.0	541981.1	3144849.1
221	541476.7	3144927.9	541651.6	3144882.6	541656.3	3144881.4	541820.6	3144838.9	541940.5	3144807.9
222	541443.6	3144884.8	541617.3	3144839.9	541624.4	3144838.0	541784.2	3144796.7	541900.2	3144766.7
223	541411.2	3144841.5	541582.1	3144797.3	541592.7	3144794.6	541750.4	3144753.8	541860.9	3144725.2
224	541381.5	3144797.6	541550.4	3144753.9	541558.0	3144751.9	541712.4	3144712.0	541824.9	3144682.9

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
225	3.4	2.6	3.6	3.8	0.6	4.0	4.2	7.0	5.7	4.6
226	3.4	2.6	3.6	3.8	0.8	3.9	4.2	6.7	5.6	4.7
227	3.4	2.7	3.6	3.9	0.9	3.8	4.2	6.4	5.6	4.9
228	3.4	2.7	3.6	3.8	0.9	3.8	4.1	6.4	5.5	4.7
229	3.4	2.6	3.5	3.8	0.8	3.7	4.1	6.5	5.5	4.7
230	3.3	2.6	3.5	3.8	0.8	3.7	4.1	6.4	5.5	4.7
231	3.3	2.6	3.5	3.7	1.0	3.8	4.1	6.4	5.3	4.5
232	3.1	2.5	3.5	3.7	0.9	3.9	4.1	6.7	5.4	4.4
233	3.1	2.5	3.5	3.6	0.9	3.9	4.0	6.8	5.3	4.1
234	3.2	2.5	3.5	3.6	1.0	3.9	3.9	6.6	5.1	3.9
235	3.1	2.5	3.5	3.5	1.0	3.9	3.8	6.6	5.0	3.7
236	3.1	2.6	3.5	3.5	1.1	3.9	3.8	6.5	4.9	3.5
237	3.1	2.6	3.5	3.5	1.1	3.9	3.7	6.5	4.8	3.3
238	3.0	2.5	3.5	3.4	1.2	4.0	3.7	6.6	4.7	3.1
239	2.9	2.5	3.4	3.3	1.3	4.1	3.6	6.6	4.6	2.9
240	2.9	2.4	3.4	3.3	1.2	4.0	3.5	6.7	4.5	2.8
241	2.8	2.3	3.4	3.2	1.0	4.1	3.5	6.9	4.5	2.5
242	2.8	2.4	3.4	3.2	1.3	4.0	3.4	6.6	4.3	2.4
243	2.8	2.5	3.3	3.1	1.6	3.9	3.4	6.0	4.1	2.5
244	2.9	2.5	3.3	3.1	1.5	3.8	3.3	5.9	4.0	2.5
245	2.9	2.4	3.3	3.0	1.4	3.8	3.2	6.0	3.9	2.2
246	2.8	2.4	3.2	3.0	1.4	3.7	3.1	5.7	3.8	2.2
247	2.8	2.4	3.2	2.9	1.4	3.6	3.0	5.6	3.7	2.0
248	2.7	2.3	3.2	2.8	1.4	3.7	3.0	5.8	3.6	1.7
249	2.6	2.3	3.1	2.8	1.4	3.7	2.9	5.8	3.5	1.6
250	2.6	2.2	3.1	2.7	1.2	3.7	2.8	5.9	3.5	1.4
251	2.7	2.2	3.0	2.7	1.0	3.5	2.7	5.8	3.4	1.4
252	2.7	2.2	3.0	2.7	0.8	3.4	2.6	5.8	3.4	1.4
253	2.7	2.1	3.0	2.7	0.7	3.5	2.7	6.0	3.5	1.5
254	2.7	2.1	3.1	2.8	0.5	3.5	2.8	6.2	3.8	1.7
255	2.8	2.2	3.1	2.8	0.7	3.5	2.9	6.1	3.8	1.9
256	2.8	2.2	3.1	2.9	0.6	3.5	3.0	6.2	4.0	2.1
257	2.8	2.1	3.1	3.0	0.3	3.6	3.1	6.5	4.2	2.3
258	2.8	2.1	3.2	3.0	0.3	3.6	3.1	6.6	4.3	2.5
259	2.8	2.1	3.2	3.0	0.3	3.6	3.2	6.7	4.4	2.5
260	2.7	2.0	3.3	3.1	0.2	3.9	3.4	7.3	4.7	2.6
261	2.7	2.0	3.4	3.2	0.1	4.2	3.6	7.9	5.1	2.7
262	2.7	1.9	3.5	3.3	-0.1	4.4	3.7	8.5	5.3	2.6
263	2.6	1.8	3.6	3.3	-0.3	4.6	3.8	9.1	5.4	2.4
264	2.6	1.8	3.7	3.4	-0.1	4.9	4.0	9.5	5.6	2.4
265	2.7	1.8			-0.2					
266	2.7	1.9			-0.2					
267	2.7	1.9			-0.2					
268	2.8	1.9			-0.4					
269	2.8	1.8			-0.5					
270	2.8	1.9			-0.4					
271	2.8	1.9			-0.4					
272	2.7	1.9			-0.2					
273	2.7	1.9			-0.3					
274	2.7	1.9			-0.3					
275	2.7	1.9			0.0					
276	2.5	1.8			0.1				-0.1	
277	2.4	1.8	-0.2	1.0	0.1	-3.4	0.0	-6.6	0.0	4.5
278	2.3	1.8	-0.1	1.0	0.0	-3.1	0.0	-5.9	0.0	4.0
279	2.3	1.7	0.0	1.0	0.2	-2.7	0.1	-5.4	0.0	3.7
280	2.2	1.8	0.1	0.9	0.4	-2.4	0.1	-5.1	0.0	3.4

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
225	541352.5	3144753.4	541515.1	3144711.4	541527.0	3144708.3	541675.5	3144669.9	541791.3	3144639.9
226	541319.4	3144710.3	541482.5	3144668.1	541498.9	3144663.9	541640.4	3144627.3	541759.2	3144596.6
227	541287.1	3144667.0	541451.2	3144624.6	541469.5	3144619.9	541603.8	3144585.1	541728.7	3144552.8
228	541255.8	3144623.5	541420.6	3144580.9	541438.4	3144576.3	541574.5	3144541.1	541693.1	3144510.4
229	541224.6	3144579.9	541388.2	3144537.6	541402.8	3144533.8	541539.8	3144498.4	541659.9	3144467.3
230	541193.8	3144536.2	541354.8	3144494.6	541370.1	3144490.6	541505.7	3144455.6	541625.6	3144424.6
231	541165.3	3144492.0	541322.7	3144451.3	541342.4	3144446.2	541476.8	3144411.4	541590.8	3144381.9
232	541138.2	3144447.3	541289.7	3144408.1	541306.7	3144403.7	541447.7	3144367.3	541558.3	3144338.7
233	541108.9	3144403.2	541259.2	3144364.4	541276.3	3144359.9	541419.1	3144323.0	541523.4	3144296.1
234	541077.7	3144359.7	541230.1	3144320.2	541249.6	3144315.2	541389.3	3144279.1	541488.0	3144253.6
235	541049.6	3144315.3	541201.6	3144276.0	541221.3	3144270.9	541360.4	3144234.9	541454.4	3144210.6
236	541020.9	3144271.1	541173.1	3144231.7	541193.7	3144226.4	541331.6	3144190.7	541421.0	3144167.6
237	540991.0	3144227.2	541143.2	3144187.8	541165.3	3144182.1	541302.9	3144146.5	541387.3	3144124.7
238	540963.8	3144182.5	541110.8	3144144.5	541134.0	3144138.5	541273.8	3144102.4	541352.2	3144082.1
239	540938.9	3144137.3	541080.1	3144100.8	541105.3	3144094.3	541244.6	3144058.3	541318.5	3144039.2
240	540912.9	3144092.4	541051.5	3144056.6	541073.8	3144050.8	541214.8	3144014.3	541285.1	3143996.2
241	540886.2	3144047.7	541023.3	3144012.2	541042.9	3144007.2	541188.0	3143969.6	541252.2	3143953.0
242	540857.9	3144003.3	540994.9	3143967.9	541020.0	3143961.4	541158.8	3143925.5	541220.2	3143909.6
243	540829.5	3143959.1	540966.8	3143923.6	540998.2	3143915.4	541124.2	3143882.8	541188.4	3143866.2
244	540801.3	3143914.7	540940.8	3143878.6	540970.0	3143871.1	541094.7	3143838.8	541157.7	3143822.5
245	540776.9	3143869.4	540915.5	3143833.5	540941.9	3143826.7	541068.1	3143794.1	541124.0	3143779.6
246	540753.5	3143823.8	540889.6	3143788.6	540916.8	3143781.5	541037.6	3143750.3	541093.7	3143735.8
247	540729.0	3143778.5	540863.0	3143743.8	540890.5	3143736.7	541009.8	3143705.8	541061.8	3143692.4
248	540705.8	3143732.8	540834.7	3143699.5	540862.4	3143692.3	540986.0	3143660.3	541029.4	3143649.1
249	540683.8	3143686.9	540810.3	3143654.2	540836.4	3143647.4	540958.9	3143615.7	540998.7	3143605.4
250	540661.1	3143641.1	540787.3	3143608.5	540810.0	3143602.6	540935.5	3143570.1	540970.8	3143561.0
251	540638.2	3143595.4	540766.6	3143562.2	540786.0	3143557.2	540909.3	3143525.3	540944.4	3143516.2
252	540615.5	3143549.6	540746.7	3143515.7	540763.0	3143511.5	540886.1	3143479.6	540921.1	3143470.6
253	540592.7	3143503.8	540723.0	3143470.2	540736.4	3143466.7	540862.8	3143434.0	540900.1	3143424.3
254	540565.7	3143459.2	540697.6	3143425.1	540707.6	3143422.5	540839.4	3143388.4	540882.4	3143377.3
255	540539.0	3143414.5	540672.4	3143380.0	540686.6	3143376.3	540815.9	3143342.8	540864.4	3143330.3
256	540514.2	3143369.2	540651.1	3143333.8	540662.2	3143330.9	540792.7	3143297.2	540847.3	3143283.1
257	540493.0	3143323.1	540628.4	3143288.0	540634.7	3143286.4	540772.4	3143250.8	540831.6	3143235.5
258	540472.6	3143276.7	540608.2	3143241.6	540613.5	3143240.3	540752.9	3143204.2	540815.2	3143188.1
259	540450.6	3143230.7	540585.9	3143195.7	540591.0	3143194.4	540733.3	3143157.6	540797.2	3143141.1
260	540428.3	3143184.8	540560.7	3143150.6	540564.4	3143149.6	540718.2	3143109.9	540783.4	3143093.0
261	540406.3	3143138.9	540537.5	3143105.0	540538.6	3143104.7	540705.6	3143061.5	540774.7	3143043.6
262	540384.3	3143092.9	540514.3	3143059.3	540512.8	3143059.7	540692.9	3143013.1	540758.3	3142996.2
263	540363.2	3143046.7	540491.2	3143013.6	540486.0	3143015.0	540678.9	3142965.1	540739.4	3142949.5
264	540342.3	3143000.5	540468.8	3142967.8	540466.6	3142968.4	540667.2	3142916.5	540729.4	3142900.4
265	540320.2	3142954.6	540448.9	3142921.3	540444.2	3142922.5				
266	540297.8	3142908.7	540429.1	3142874.8	540424.7	3142875.9				
267	540275.0	3142863.0	540407.4	3142828.7	540403.7	3142829.7				
268	540253.4	3142816.9	540386.7	3142782.5	540378.9	3142784.5				
269	540232.1	3142770.8	540366.7	3142736.0	540356.9	3142738.5				
270	540210.9	3142724.6	540345.2	3142689.9	540338.2	3142691.7				
271	540189.4	3142678.5	540323.4	3142643.9	540316.5	3142645.7				
272	540170.3	3142631.8	540302.1	3142597.7	540298.2	3142598.8				
273	540149.3	3142585.6	540282.1	3142551.3	540275.9	3142552.9				
274	540127.4	3142539.6	540258.3	3142505.8	540253.4	3142507.1				
275	540107.2	3142493.2	540235.9	3142459.9	540235.7	3142460.0				
276	540090.2	3142446.0	540213.5	3142414.1	540215.1	3142413.7			540226.4	3142450.4
277	540071.0	3142399.3	540188.6	3142368.9	540208.5	3142403.4	540068.4	3142439.6	540210.4	3142402.9
278	540053.1	3142352.3	540166.4	3142323.0	540186.3	3142357.5	540061.6	3142389.7	540187.5	3142357.2
279	540033.6	3142305.7	540145.2	3142276.8	540165.4	3142311.2	540051.6	3142340.7	540166.7	3142310.9
280	540016.3	3142258.5	540121.9	3142231.2	540147.6	3142264.2	540039.9	3142292.1	540145.3	3142264.8

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
281	2.1	1.7	0.2	0.9	0.7	-2.1	0.1	-4.7	-0.1	3.0
282	2.2	1.7	0.3	0.9	0.6	-2.0	0.1	-4.3	-0.1	2.7
283	2.2	1.7	0.3	0.9	0.6	-1.8	0.1	-4.0	-0.1	2.5
284	2.1	1.7	0.4	0.9	0.8	-1.5	0.1	-3.7	-0.2	2.1
285	2.1	1.6	0.4	0.8	0.9	-1.4	0.0	-3.6	-0.3	1.9
286	2.1	1.6	0.4	0.8	0.9	-1.4	0.0	-3.5	-0.3	1.8
287	2.1	1.5	0.4	0.8	0.7	-1.4	0.0	-3.3	-0.3	1.7
288	2.0	1.4	0.4	0.7	0.5	-1.4	-0.1	-3.2	-0.3	1.7
289	1.9	1.4	0.3	0.7	0.2	-1.6	-0.1	-3.2	-0.3	1.8
290	1.9	1.4	0.3	0.6	0.3	-1.6	-0.2	-3.3	-0.3	1.7
291	1.8	1.4	0.3	0.6	0.3	-1.6	-0.2	-3.3	-0.3	1.7
292	1.7	1.4	0.3	0.6	0.5	-1.4	-0.1	-3.1	-0.4	1.5
293	1.6	1.3	0.3	0.6	0.6	-1.3	-0.2	-3.1	-0.4	1.3
294	1.6	1.4	0.3	0.5	0.7	-1.3	-0.2	-3.0	-0.5	1.2
295	1.7	1.4	0.4	0.6	0.8	-1.2	-0.2	-3.0	-0.5	1.1
296	1.7	1.4	0.4	0.6	0.9	-1.2	-0.1	-3.1	-0.5	1.2
297	1.6	1.4	0.3	0.6	0.9	-1.3	-0.1	-3.3	-0.5	1.4
298	1.6	1.4	0.3	0.6	0.9	-1.2	-0.1	-3.1	-0.4	1.4
299	1.6	1.4	0.3	0.6	0.9	-1.2	0.0	-3.0	-0.4	1.4
300	1.6	1.4	0.4	0.6	0.9	-1.1	0.0	-2.9	-0.3	1.4
301	1.5	1.3	0.4	0.6	1.0	-1.0	0.0	-2.7	-0.3	1.3
302	1.5	1.3	0.4	0.6	0.8	-0.9	0.0	-2.5	-0.2	1.3
303	1.5	1.3	0.4	0.7	0.6	-0.9	0.1	-2.2	-0.1	1.3
304	1.5	1.2	0.5	0.7	0.5	-0.7	0.1	-1.9	0.0	1.2
305	1.5	1.2	0.5	0.7	0.6	-0.6	0.1	-1.7	0.0	1.1
306	1.4	1.2	0.5	0.7	0.7	-0.5	0.2	-1.6	0.0	1.0
307	1.5	1.3	0.6	0.7	0.9	-0.5	0.2	-1.8	-0.1	1.1
308	1.5	1.4	0.6	0.8	0.9	-0.4	0.2	-1.7	0.0	1.1
309	1.5	1.3	0.7	0.8	0.9	-0.3	0.3	-1.4	0.1	1.1
310	1.5	1.3	0.7	0.8	1.0	-0.2	0.4	-1.3	0.1	1.1
311	1.5	1.3	0.8	0.8	1.0	-0.1	0.4	-1.0	0.2	1.0
312	1.5	1.3	0.8	0.9	1.0	0.1	0.5	-0.8	0.3	1.1
313	1.4	1.3	0.9	0.9	0.9	0.2	0.5	-0.5	0.4	1.0
314	1.4	1.3	0.9	0.9	1.1	0.2	0.6	-0.6	0.4	1.1
315	1.4	1.3	0.9	1.0	1.1	0.3	0.6	-0.5	0.5	1.1
316	1.4	1.4	0.9	1.0	1.2	0.4	0.7	-0.4	0.5	1.1
317	1.4	1.4	1.0	1.0	1.3	0.4	0.8	-0.3	0.6	1.1
318	1.4	1.4	1.0	1.0	1.3	0.5	0.8	-0.3	0.6	1.2
319	1.5	1.4	1.1	1.1	1.3	0.6	0.8	0.0	0.7	1.1
320	1.5	1.4	1.1	1.1	1.3	0.6	0.9	0.1	0.7	1.2
321	1.4	1.4	1.1	1.1	1.3	0.8	0.9	0.3	0.8	1.1
322	1.4	1.4	1.2	1.1	1.3	0.8	1.0	0.4	0.8	1.1
323	1.4	1.3	1.2	1.2	1.2	1.0	1.0	0.8	0.9	1.0
324	1.3	1.4	1.3	1.2	1.6	1.2	1.1	0.9	0.9	1.0
325	1.3	1.3	1.3	1.2	1.3	1.2	1.1	1.0	1.1	1.1
326	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1
327	1.3	1.2	1.2	1.2	1.0	1.0	1.1	1.1	1.2	1.3
328	1.4	1.3	1.2	1.2	1.0	1.0	1.1	1.1	1.2	1.3
329	1.4	1.3	1.3	1.3	0.9	1.1	1.2	1.2	1.3	1.3
330	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.4	1.3	1.2
331	1.3	1.2	1.3	1.2	1.0	1.3	1.2	1.5	1.3	1.2
332	1.3	1.2	1.3	1.3	1.0	1.3	1.2	1.6	1.3	1.2
333	1.3	1.3	1.3	1.3	1.1	1.2	1.2	1.4	1.3	1.2
334	1.4	1.3	1.3	1.3	1.1	1.2	1.2	1.3	1.3	1.3
335	1.4	1.3	1.3	1.3	1.0	1.2	1.2	1.4	1.3	1.3
336	1.4	1.3	1.3	1.3	1.0	1.2	1.2	1.4	1.3	1.3

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
281	539998.3	3142211.5	540102.0	3142184.7	540129.0	3142217.4	540028.9	3142243.3	540122.4	3142219.1
282	539977.8	3142165.2	540082.4	3142138.1	540107.7	3142171.2	540016.3	3142194.9	540100.6	3142173.1
283	539958.0	3142118.6	540062.8	3142091.5	540087.2	3142124.9	540002.8	3142146.7	540079.8	3142126.8
284	539939.4	3142071.8	540042.1	3142045.2	540068.3	3142078.1	539991.0	3142098.1	540057.1	3142081.0
285	539923.8	3142024.2	540024.6	3141998.1	540049.9	3142031.3	539974.6	3142050.7	540035.5	3142035.0
286	539906.9	3141976.9	540009.7	3141950.3	540031.7	3141984.3	539957.2	3142003.6	540013.9	3141988.9
287	539892.2	3141929.1	539993.8	3141902.8	540010.5	3141938.1	539941.3	3141956.1	539994.1	3141942.4
288	539878.0	3141881.1	539974.2	3141856.2	539989.9	3141891.8	539921.5	3141909.5	539975.1	3141895.7
289	539871.5	3141870.8	539962.8	3141847.2	539967.4	3141846.0	539899.3	3141863.6	539954.1	3141849.5
290	539854.6	3141823.5	539944.5	3141800.3	539949.4	3141799.0	539878.7	3141817.3	539932.6	3141803.4
291	539837.4	3141776.3	539924.8	3141753.7	539930.3	3141752.3	539861.3	3141770.2	539913.2	3141756.7
292	539821.0	3141728.9	539904.8	3141707.3	539914.1	3141704.9	539848.8	3141721.8	539894.4	3141710.0
293	539807.0	3141680.9	539886.3	3141660.4	539898.1	3141657.3	539832.8	3141674.2	539874.6	3141663.4
294	539789.8	3141633.7	539868.1	3141613.5	539881.3	3141610.0	539816.9	3141626.7	539855.4	3141616.7
295	539769.7	3141587.3	539849.9	3141566.5	539865.9	3141562.4	539803.1	3141578.6	539838.5	3141569.5
296	539752.7	3141540.0	539832.7	3141519.3	539849.5	3141515.0	539784.3	3141531.8	539822.2	3141522.0
297	539736.9	3141492.5	539815.8	3141472.1	539833.7	3141467.4	539764.8	3141485.2	539807.4	3141474.2
298	539722.1	3141444.6	539798.9	3141424.8	539816.7	3141420.2	539750.5	3141437.3	539793.5	3141426.2
299	539705.5	3141397.3	539781.5	3141377.6	539798.8	3141373.2	539734.5	3141389.8	539778.4	3141378.4
300	539687.9	3141350.2	539763.9	3141330.5	539782.1	3141325.8	539720.7	3141341.7	539765.0	3141330.3
301	539675.0	3141301.9	539747.4	3141283.2	539766.3	3141278.3	539708.6	3141293.2	539750.2	3141282.4
302	539660.4	3141254.0	539732.3	3141235.4	539747.7	3141231.4	539694.4	3141245.2	539735.9	3141234.5
303	539643.6	3141206.7	539716.5	3141187.9	539728.7	3141184.7	539681.7	3141196.9	539722.0	3141186.4
304	539626.9	3141159.4	539700.0	3141140.5	539709.9	3141137.9	539670.4	3141148.1	539708.3	3141138.3
305	539612.3	3141111.5	539684.4	3141092.9	539695.6	3141090.0	539659.8	3141099.3	539694.5	3141090.3
306	539599.4	3141063.2	539669.3	3141045.1	539682.4	3141041.7	539648.0	3141050.7	539680.7	3141042.2
307	539582.5	3141016.0	539654.0	3140997.4	539672.1	3140992.8	539634.6	3141002.5	539667.7	3140993.9
308	539563.5	3140969.2	539638.0	3140949.9	539656.2	3140945.2	539620.1	3140954.6	539655.6	3140945.4
309	539548.9	3140921.3	539621.9	3140902.5	539640.3	3140897.7	539609.7	3140905.6	539643.7	3140896.8
310	539533.9	3140873.6	539605.4	3140855.1	539624.7	3140850.1	539597.9	3140857.0	539631.1	3140848.4
311	539516.8	3140826.4	539588.9	3140807.7	539607.7	3140802.8	539586.4	3140808.3	539618.7	3140800.0
312	539501.6	3140778.6	539572.9	3140760.2	539592.6	3140755.1	539575.1	3140759.6	539608.1	3140751.1
313	539488.2	3140730.5	539557.0	3140712.7	539574.8	3140708.1	539564.7	3140710.7	539596.4	3140702.5
314	539472.9	3140682.8	539541.7	3140665.0	539563.2	3140659.4	539550.0	3140662.8	539585.2	3140653.7
315	539457.9	3140635.0	539526.4	3140617.3	539547.3	3140611.9	539536.9	3140614.6	539572.7	3140605.3
316	539443.1	3140587.2	539510.8	3140569.7	539534.9	3140563.5	539526.3	3140565.7	539560.4	3140556.9
317	539428.2	3140539.4	539495.2	3140522.1	539520.1	3140515.6	539513.3	3140517.4	539549.1	3140508.1
318	539413.4	3140491.6	539481.1	3140474.1	539506.8	3140467.4	539501.4	3140468.8	539538.5	3140459.2
319	539396.7	3140444.2	539467.6	3140425.9	539491.9	3140419.6	539491.0	3140419.9	539526.8	3140410.6
320	539381.9	3140396.4	539452.5	3140378.2	539476.8	3140371.9	539478.2	3140371.5	539515.4	3140361.9
321	539368.5	3140348.3	539438.3	3140330.2	539463.4	3140323.7	539469.1	3140322.3	539505.0	3140312.9
322	539356.2	3140299.8	539425.1	3140282.0	539450.7	3140275.3	539459.4	3140273.1	539494.1	3140264.1
323	539342.2	3140251.8	539409.9	3140234.3	539433.3	3140228.2	539450.9	3140223.6	539482.5	3140215.5
324	539328.0	3140203.8	539392.7	3140187.1	539422.9	3140179.2	539441.0	3140174.6	539470.8	3140166.9
325	539315.4	3140155.4	539379.9	3140138.7	539405.1	3140132.2	539426.8	3140126.6	539460.3	3140117.9
326	539303.1	3140106.9	539367.5	3140090.3	539389.7	3140084.5	539413.8	3140078.3	539449.3	3140069.1
327	539291.5	3140058.3	539356.1	3140041.6	539375.6	3140036.5	539398.5	3140030.6	539438.4	3140020.3
328	539278.7	3140010.0	539345.0	3139992.8	539363.6	3139988.0	539387.4	3139981.9	539427.1	3139971.6
329	539264.1	3139962.1	539331.1	3139944.8	539349.1	3139940.1	539375.4	3139933.3	539415.0	3139923.1
330	539254.2	3139913.0	539314.9	3139897.3	539336.4	3139891.8	539365.1	3139884.3	539403.4	3139874.4
331	539241.9	3139864.5	539302.5	3139848.9	539322.6	3139843.7	539354.9	3139835.3	539391.8	3139825.8
332	539227.7	3139816.6	539291.9	3139800.0	539310.7	3139795.1	539343.8	3139786.5	539380.5	3139777.1
333	539216.6	3139767.8	539281.0	3139751.2	539301.6	3139745.8	539331.1	3139738.2	539369.3	3139728.3
334	539203.6	3139719.5	539269.9	3139702.4	539291.1	3139696.9	539318.0	3139689.9	539357.9	3139679.6
335	539191.4	3139671.0	539258.9	3139653.6	539278.4	3139648.5	539307.0	3139641.1	539347.1	3139630.8
336	539181.1	3139622.1	539247.7	3139604.8	539267.1	3139599.8	539296.1	3139592.3	539336.2	3139581.9

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
337	1.3	1.3	1.3	1.3	1.0	1.2	1.2	1.3	1.3	1.3
338	1.4	1.3	1.3	1.3	1.0	1.2	1.2	1.3	1.3	1.3
339	1.4	1.3	1.3	1.3	1.1	1.2	1.2	1.2	1.3	1.3
340	1.4	1.3	1.3	1.3	1.3	1.2	1.3	1.1	1.3	1.4
341	1.3	1.3	1.3	1.3	1.4	1.2	1.3	1.1	1.3	1.4
342	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4
343	1.2	1.3	1.3	1.3	1.4	1.3	1.4	1.3	1.4	1.4
344	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.4	1.3
345	1.2	1.2	1.3	1.3	1.2	1.5	1.4	1.7	1.4	1.3
346	1.2	1.2	1.3	1.3	1.2	1.4	1.3	1.6	1.4	1.2
347	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.3	1.3
348	1.3	1.2	1.3	1.3	1.0	1.3	1.3	1.6	1.4	1.3
349	1.3	1.2	1.3	1.3	1.1	1.3	1.3	1.6	1.4	1.4
350	1.3	1.2	1.3	1.3	1.0	1.3	1.3	1.6	1.5	1.4
351	1.3	1.2	1.3	1.3	1.0	1.3	1.4	1.5	1.5	1.5
352	1.3	1.4	1.3	1.3	1.5	1.2	1.3	0.9	1.3	1.5
353	1.3	1.4	1.3	1.3	1.6	1.2	1.3	0.8	1.2	1.5
354	1.3	1.5	1.3	1.3	2.1	1.2	1.4	0.4	1.1	1.6
355	1.3	1.5	1.3	1.3	1.9	1.3	1.4	0.7	1.2	1.5
356	1.3	1.4	1.3	1.3	1.7	1.3	1.4	0.9	1.2	1.4
357	1.3	1.4	1.3	1.3	1.8	1.3	1.4	1.0	1.2	1.4
358	1.3	1.4	1.3	1.3	1.7	1.3	1.4	0.9	1.2	1.5
359	1.3	1.3	1.3	1.3	1.5	1.2	1.4	1.0	1.3	1.5
360	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.3	1.4
361	1.3	1.3	1.2	1.3	1.2	1.1	1.3	1.1	1.3	1.4
362	1.4	1.4	1.3	1.3	1.3	1.1	1.2	1.0	1.2	1.4
363	1.5	1.4	1.3	1.3	1.3	1.1	1.2	0.9	1.2	1.4
364	1.5	1.4	1.3	1.3	1.3	1.1	1.2	1.0	1.2	1.4
365	1.5	1.4	1.3	1.3	1.2	1.1	1.2	1.0	1.2	1.4
366	1.5	1.4	1.3	1.3	1.4	1.1	1.2	0.8	1.2	1.4
367	1.4	1.5	1.3	1.3	1.6	1.1	1.3	0.7	1.1	1.4
368	1.4	1.5	1.3	1.3	1.7	1.1	1.3	0.5	1.1	1.5
369	1.4	1.5	1.3	1.4	1.9	1.1	1.3	0.5	1.1	1.6
370	1.4	1.6	1.3	1.4	2.0	1.2	1.3	0.5	1.1	1.4
371	1.4	1.6	1.3	1.3	2.1	1.2	1.3	0.5	1.0	1.4
372	1.5	1.6	1.3	1.3	2.0	1.2	1.3	0.4	1.0	1.4
373	1.5	1.6	1.3	1.4	1.7	1.1	1.2	0.5	1.1	1.4
374	1.6	1.6	1.3	1.3	1.8	1.0	1.2	0.2	1.0	1.5
375	1.6	1.6	1.3	1.3	1.6	0.9	1.1	0.4	1.0	1.4
376	1.7	1.6	1.3	1.3	1.5	0.9	1.1	0.3	0.9	1.4
377	1.7	1.6	1.3	1.3	1.3	0.9	1.1	0.5	1.0	1.4
378	1.6	1.6	1.3	1.3	1.5	0.9	1.1	0.3	1.0	1.4
379	1.5	1.5	1.3	1.3	1.6	1.0	1.1	0.4	0.9	1.3
380	1.4	1.5	1.3	1.3	1.6	1.1	1.1	0.6	1.0	1.2
381	1.4	1.4	1.3	1.2	1.5	1.3	1.2	1.1	1.0	1.0
382	1.4	1.5	1.4	1.3	1.8	1.4	1.2	1.1	1.0	0.9
383	1.3	1.5	1.4	1.3	2.1	1.5	1.2	1.1	0.9	0.9
384	1.3	1.6	1.4	1.3	2.1	1.5	1.2	0.8	0.9	0.9
385	1.3	1.6	1.3	1.3	2.1	1.4	1.2	0.6	0.9	1.0
386	1.3	1.6	1.3	1.3	2.4	1.4	1.2	0.5	0.8	1.1
387	1.2	1.6	1.4	1.2	2.7	1.5	1.3	0.5	0.7	0.9
388	1.2	1.7	1.3	1.2	3.0	1.5	1.3	0.2	0.6	0.9
389	1.2	1.7	1.3	1.2	3.0	1.5	1.3	0.2	0.7	1.0
390	1.1	1.6	1.3	1.2	2.8	1.5	1.3	0.3	0.7	1.0
391	1.2	1.6	1.3	1.2	2.6	1.5	1.3	0.4	0.8	1.1
392	1.2	1.6	1.3	1.3	2.5	1.4	1.3	0.4	0.9	1.1

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
337	539170.9	3139573.0	539236.2	3139556.2	539256.2	3139551.0	539283.3	3139544.0	539324.4	3139533.3
338	539156.9	3139525.0	539224.1	3139507.6	539243.6	3139502.6	539271.0	3139495.5	539313.2	3139484.6
339	539144.8	3139476.5	539211.9	3139459.1	539233.5	3139453.6	539259.5	3139446.8	539301.3	3139436.0
340	539133.7	3139427.7	539199.5	3139410.7	539224.0	3139404.4	539248.2	3139398.1	539290.8	3139387.1
341	539122.8	3139378.9	539186.7	3139362.4	539212.9	3139355.6	539235.3	3139349.8	539280.5	3139338.1
342	539111.2	3139330.2	539173.1	3139314.2	539198.3	3139307.7	539225.2	3139300.8	539269.3	3139289.4
343	539099.8	3139281.5	539160.1	3139266.0	539186.4	3139259.2	539214.6	3139251.9	539258.6	3139240.5
344	539089.8	3139232.5	539148.5	3139217.3	539175.5	3139210.3	539207.2	3139202.1	539247.6	3139191.7
345	539079.7	3139183.5	539138.2	3139168.3	539161.0	3139162.4	539197.3	3139153.0	539236.6	3139142.9
346	539069.5	3139134.5	539129.6	3139118.9	539152.7	3139112.9	539187.5	3139104.0	539226.1	3139094.0
347	539059.3	3139085.4	539120.3	3139069.7	539145.1	3139063.2	539175.5	3139055.4	539215.3	3139045.1
348	539049.1	3139036.5	539110.0	3139020.7	539129.0	3139015.8	539163.4	3139006.9	539204.7	3138996.2
349	539038.0	3138987.7	539099.2	3138971.8	539119.8	3138966.5	539152.7	3138958.0	539194.9	3138947.1
350	539026.7	3138939.0	539087.9	3138923.1	539108.1	3138917.9	539141.4	3138909.3	539184.4	3138898.2
351	539016.9	3138889.8	539077.8	3138874.1	539097.7	3138868.9	539129.4	3138860.8	539174.8	3138849.0
352	539005.9	3138841.0	539068.6	3138824.8	539097.9	3138817.2	539117.1	3138812.3	539164.4	3138800.0
353	538995.2	3138792.2	539059.1	3138775.6	539090.1	3138767.6	539107.9	3138763.0	539154.9	3138750.9
354	538984.8	3138743.2	539048.4	3138726.8	539088.4	3138716.4	539097.4	3138714.1	539146.3	3138701.4
355	538974.5	3138694.2	539038.3	3138677.7	539075.7	3138668.0	539089.7	3138664.4	539136.4	3138652.4
356	538964.3	3138645.2	539028.7	3138628.6	539062.3	3138619.9	539080.6	3138615.1	539125.9	3138603.4
357	538955.2	3138595.9	539018.8	3138579.5	539052.9	3138570.7	539073.0	3138565.5	539116.7	3138554.2
358	538947.1	3138546.4	539008.7	3138530.5	539041.5	3138522.0	539060.9	3138517.0	539106.2	3138505.2
359	538936.7	3138497.4	538999.6	3138481.1	539028.0	3138473.8	539049.7	3138468.2	539096.6	3138456.1
360	538928.3	3138447.9	538992.4	3138431.4	539017.0	3138425.0	539041.9	3138418.6	539085.7	3138407.2
361	538920.6	3138398.3	538985.2	3138381.6	539008.9	3138375.4	539031.5	3138369.6	539075.7	3138358.2
362	538910.1	3138349.4	538978.0	3138331.8	539003.5	3138325.2	539024.3	3138319.8	539067.1	3138308.8
363	538899.7	3138300.4	538970.1	3138282.2	538995.4	3138275.7	539013.9	3138270.9	539057.6	3138259.6
364	538890.9	3138251.0	538962.2	3138232.6	538986.4	3138226.3	539006.7	3138221.1	539049.4	3138210.0
365	538881.5	3138201.8	538952.5	3138183.4	538976.7	3138177.2	538997.0	3138172.0	539040.9	3138160.6
366	538871.6	3138152.7	538942.3	3138134.4	538969.7	3138127.4	538987.7	3138122.7	539031.2	3138111.5
367	538861.5	3138103.7	538931.4	3138085.6	538962.0	3138077.7	538976.8	3138073.9	539022.2	3138062.2
368	538851.8	3138054.6	538920.3	3138036.8	538952.7	3138028.5	538963.6	3138025.7	539011.8	3138013.2
369	538842.2	3138005.4	538910.2	3137987.8	538946.7	3137978.4	538956.6	3137975.8	539005.6	3137963.1
370	538831.1	3137956.6	538900.8	3137938.6	538938.6	3137928.8	538949.2	3137926.1	538994.3	3137914.4
371	538822.2	3137907.3	538891.3	3137889.4	538931.6	3137879.0	538941.7	3137876.4	538984.0	3137865.4
372	538813.7	3137857.8	538884.4	3137839.6	538923.6	3137829.4	538933.0	3137827.0	538975.8	3137815.9
373	538805.9	3137808.2	538879.9	3137789.1	538913.6	3137780.4	538923.9	3137777.7	538969.0	3137766.0
374	538799.4	3137758.3	538875.1	3137738.7	538909.2	3137729.9	538913.6	3137728.7	538959.7	3137716.8
375	538789.3	3137709.2	538868.0	3137688.9	538898.4	3137681.0	538905.9	3137679.1	538950.2	3137667.6
376	538780.4	3137659.9	538861.0	3137639.0	538890.9	3137631.3	538896.3	3137629.9	538938.8	3137618.9
377	538772.4	3137610.3	538853.2	3137589.4	538877.8	3137583.0	538887.8	3137580.5	538930.8	3137569.3
378	538766.8	3137560.1	538844.6	3137540.0	538872.8	3137532.7	538879.8	3137530.9	538923.8	3137519.5
379	538762.5	3137509.6	538836.1	3137490.5	538866.5	3137482.7	538875.1	3137480.5	538916.0	3137469.9
380	538757.5	3137459.2	538826.3	3137441.4	538857.3	3137433.4	538870.2	3137430.1	538908.1	3137420.3
381	538750.4	3137409.4	538816.2	3137392.4	538845.9	3137384.7	538868.2	3137378.9	538900.1	3137370.7
382	538739.3	3137360.6	538806.0	3137343.4	538840.9	3137334.3	538864.2	3137328.3	538893.5	3137320.7
383	538732.5	3137310.8	538796.6	3137294.2	538836.4	3137283.9	538858.8	3137278.1	538885.8	3137271.1
384	538725.7	3137260.9	538789.5	3137244.4	538830.9	3137233.7	538848.4	3137229.1	538877.7	3137221.6
385	538718.8	3137211.0	538782.5	3137194.5	538824.0	3137183.8	538837.3	3137180.4	538870.0	3137171.9
386	538711.6	3137161.2	538774.2	3137145.0	538820.4	3137133.1	538830.1	3137130.6	538863.0	3137122.1
387	538704.9	3137111.3	538764.8	3137095.8	538816.2	3137082.5	538825.8	3137080.0	538855.0	3137072.5
388	538699.0	3137061.2	538755.5	3137046.6	538813.5	3137031.6	538818.2	3137030.4	538847.4	3137022.8
389	538693.3	3137011.0	538749.2	3136996.6	538807.6	3136981.4	538811.8	3136980.4	538842.2	3136972.5
390	538687.9	3136960.8	538743.5	3136946.4	538797.2	3136932.5	538803.6	3136930.8	538836.3	3136922.4
391	538682.0	3136910.6	538737.7	3136896.2	538787.7	3136883.3	538796.7	3136881.0	538829.8	3136872.4
392	538674.2	3136861.0	538731.9	3136846.1	538779.8	3136833.7	538789.1	3136831.3	538824.5	3136822.2

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
393	1.2	1.5	1.3	1.3	2.4	1.4	1.3	0.5	0.9	1.2
394	1.2	1.5	1.3	1.3	2.4	1.4	1.3	0.5	0.9	1.2
395	1.2	1.6	1.3	1.3	2.4	1.4	1.3	0.4	0.9	1.2
396	1.2	1.5	1.3	1.3	2.3	1.4	1.3	0.5	0.9	1.2
397	1.1	1.6	1.3	1.2	2.7	1.4	1.3	0.3	0.8	1.2
398	0.9	1.4	1.2	1.2	2.7	1.4	1.3	0.3	0.8	1.2
399	0.9	1.5	1.1	1.2	2.9	1.4	1.3	0.1	0.8	1.2
400	0.9	1.5	1.1	1.1	3.1	1.5	1.4	0.0	0.7	1.2
401	0.8	1.5	1.1	1.1	3.1	1.5	1.3	0.0	0.7	1.1
402	0.8	1.4	1.1	1.1	2.8	1.5	1.3	0.3	0.8	1.0
403	0.8	1.3	1.1	1.1	2.5	1.5	1.3	0.6	0.9	1.0
404	0.8	1.3	1.1	1.1	2.6	1.4	1.3	0.4	0.8	1.1
405	0.7	1.3	1.0	1.1	2.5	1.4	1.3	0.3	0.8	1.1
406	0.7	1.2	1.0	1.0	2.3	1.2	1.3	0.3	0.9	1.3
407	0.7	1.1	0.9	1.0	1.9	1.1	1.2	0.5	1.0	1.3
408	0.7	1.0	0.9	1.0	1.8	1.1	1.2	0.5	1.0	1.4
409	0.6	1.0	0.9	1.0	1.9	1.2	1.3	0.5	1.0	1.4
410	0.5	1.0	0.9	1.0	2.2	1.2	1.3	0.4	1.0	1.4
411	0.5	1.0	0.8	1.0	2.2	1.2	1.3	0.3	1.0	1.4
412	0.5	0.9	0.7	1.0	2.2	1.1	1.3	0.0	1.0	1.7
413	0.4	0.9	0.7	1.0	2.1	1.1	1.3	0.2	1.0	1.6
414	0.4	0.9	0.7	0.9	2.1	1.1	1.3	0.2	1.0	1.6
415	0.4	0.9	0.7	0.9	2.2	1.1	1.3	0.1	1.0	1.6
416	0.4	0.9	0.7	0.9	2.2	1.1	1.3	0.1	1.0	1.5
417	0.4	0.9	0.7	0.9	2.2	1.1	1.3	0.1	0.9	1.5
418	0.5	0.9	0.8	1.0	2.0	1.1	1.3	0.2	1.0	1.5
419	0.5	0.9	0.8	1.0	1.8	1.0	1.3	0.3	1.1	1.6
420	0.5	0.8	0.8	1.0	1.6	1.1	1.3	0.6	1.1	1.5
421	0.5	0.8	0.7	0.9	1.5	1.0	1.2	0.6	1.1	1.5
422	0.4	0.8	0.7	0.9	1.6	1.0	1.3	0.5	1.1	1.6
423	0.4	0.7	0.6	0.9	1.7	1.0	1.3	0.3	1.1	1.7
424	0.3	0.8	0.6	0.9	1.9	1.0	1.3	0.1	1.1	1.8
425	0.3	0.8	0.6	0.9	2.0	0.9	1.3	-0.2	1.0	1.9
426	0.4	0.9	0.5	0.9	2.1	0.8	1.3	-0.5	1.0	1.9
427	0.4	0.9	0.6	0.9	2.1	0.8	1.3	-0.4	1.0	1.9
428	0.4	0.9	0.6	0.9	2.0	0.9	1.3	-0.2	1.0	1.8
429	0.4	0.8	0.7	0.9	1.9	1.0	1.3	0.2	1.1	1.6
430	0.3	0.8	0.7	0.9	2.1	1.1	1.3	0.3	1.0	1.5
431	0.2	0.8	0.6	0.9	2.2	1.2	1.4	0.2	1.0	1.6
432	0.1	0.8	0.7	0.9	2.3	1.3	1.4	0.4	1.0	1.5
433	0.1	0.8	0.7	0.9	2.4	1.3	1.4	0.3	1.0	1.5
434	0.1	0.8	0.7	0.9	2.5	1.3	1.4	0.3	1.0	1.4
435	0.1	0.8	0.7	0.9	2.5	1.4	1.4	0.3	1.0	1.4
436	0.2	0.8	0.7	0.9	2.5	1.4	1.4	0.4	1.0	1.4
437	0.2	0.8	0.8	0.9	2.3	1.4	1.4	0.6	1.0	1.3
438	0.3	0.8	0.8	0.9	2.1	1.4	1.3	0.8	1.0	1.2
439	0.3	0.9	0.8	0.9	2.2	1.3	1.3	0.4	1.0	1.4
440	0.3	0.9	0.7	0.9	2.4	1.2	1.3	0.0	0.9	1.5
441	0.3	1.0	0.7	0.9	2.5	1.1	1.3	-0.1	0.8	1.5
442	0.4	1.0	0.7	0.9	2.6	1.1	1.2	-0.3	0.8	1.4
443	0.4	1.0	0.7	0.9	2.6	1.1	1.2	-0.4	0.7	1.5
444	0.3	1.0	0.7	0.9	2.8	1.2	1.2	-0.3	0.7	1.3
445	0.4	1.0	0.8	0.9	2.5	1.2	1.2	0.0	0.7	1.2
446	0.5	1.1	0.8	0.9	2.4	1.1	1.1	0.0	0.7	1.1
447	0.6	1.1	0.8	0.9	2.3	1.1	1.1	0.0	0.6	1.1
448	0.7	1.1	0.9	0.9	2.3	1.1	1.1	0.0	0.6	1.1

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
393	538667.1	3136811.2	538726.0	3136796.0	538772.0	3136784.1	538782.7	3136781.3	538818.9	3136772.0
394	538662.3	3136760.8	538720.1	3136745.8	538766.2	3136733.9	538776.1	3136731.4	538813.4	3136721.7
395	538655.5	3136710.9	538714.2	3136695.7	538761.4	3136683.5	538769.6	3136681.4	538808.0	3136671.5
396	538649.9	3136660.7	538707.5	3136645.8	538752.9	3136634.1	538763.5	3136631.3	538802.1	3136621.4
397	538646.6	3136609.9	538700.9	3136595.9	538753.6	3136582.2	538759.0	3136580.9	538796.4	3136571.2
398	538648.8	3136557.7	538694.4	3136545.9	538746.8	3136532.4	538752.2	3136531.0	538790.0	3136521.2
399	538645.0	3136507.1	538688.1	3136495.9	538744.7	3136481.3	538746.1	3136480.9	538784.8	3136470.9
400	538640.6	3136456.6	538681.7	3136445.9	538742.0	3136430.3	538742.3	3136430.2	538778.7	3136420.8
401	538636.8	3136405.9	538676.8	3136395.6	538737.7	3136379.8	538737.3	3136379.9	538772.9	3136370.7
402	538633.2	3136355.2	538672.0	3136345.1	538727.2	3136330.9	538734.0	3136329.1	538766.6	3136320.7
403	538629.6	3136304.4	538667.3	3136294.7	538716.5	3136282.0	538729.6	3136278.6	538761.1	3136270.4
404	538625.7	3136253.8	538662.7	3136244.3	538713.2	3136231.2	538721.1	3136229.1	538755.0	3136220.4
405	538621.8	3136203.2	538658.0	3136193.8	538707.4	3136181.0	538713.7	3136179.4	538749.1	3136170.3
406	538617.8	3136152.6	538653.9	3136143.2	538697.8	3136131.9	538703.9	3136130.3	538743.7	3136120.0
407	538614.7	3136101.7	538650.0	3136092.6	538686.6	3136083.1	538696.5	3136080.6	538738.1	3136069.8
408	538611.9	3136050.8	538645.0	3136042.2	538680.2	3136033.2	538690.2	3136030.6	538732.7	3136019.6
409	538609.1	3135999.9	538638.8	3135992.2	538675.1	3135982.8	538685.6	3135980.1	538729.5	3135968.8
410	538605.5	3135949.2	538631.6	3135942.4	538673.4	3135931.6	538681.4	3135929.6	538723.6	3135918.6
411	538601.1	3135898.7	538624.3	3135892.7	538666.3	3135881.8	538672.4	3135880.2	538717.3	3135868.6
412	538596.6	3135848.2	538618.4	3135842.5	538660.4	3135831.7	538661.3	3135831.5	538713.6	3135817.9
413	538592.2	3135797.7	538612.5	3135792.4	538653.9	3135781.7	538658.1	3135780.6	538708.1	3135767.7
414	538587.8	3135747.2	538607.4	3135742.1	538647.3	3135731.8	538651.6	3135730.7	538701.0	3135717.9
415	538583.4	3135696.7	538602.3	3135691.8	538644.0	3135681.0	538646.7	3135680.3	538695.7	3135667.6
416	538579.0	3135646.2	538598.0	3135641.2	538641.5	3135630.0	538643.9	3135629.4	538692.0	3135616.9
417	538574.0	3135595.8	538595.7	3135590.2	538638.3	3135579.2	538639.9	3135578.8	538687.8	3135566.4
418	538569.0	3135545.5	538592.8	3135539.3	538631.4	3135529.3	538636.3	3135528.0	538683.5	3135515.9
419	538563.9	3135495.1	538589.0	3135488.6	538623.6	3135479.7	538630.7	3135477.9	538679.5	3135465.2
420	538559.0	3135444.7	538584.9	3135438.1	538615.3	3135430.2	538627.5	3135427.0	538674.7	3135414.8
421	538555.9	3135393.9	538579.7	3135387.8	538609.2	3135380.1	538621.2	3135377.0	538669.0	3135364.7
422	538552.9	3135343.0	538574.2	3135337.5	538605.1	3135329.5	538615.2	3135326.9	538665.3	3135314.0
423	538549.8	3135292.2	538567.1	3135287.7	538600.4	3135279.1	538606.4	3135277.6	538659.8	3135263.8
424	538546.7	3135241.3	538560.0	3135237.9	538597.8	3135228.1	538599.0	3135227.8	538655.0	3135213.4
425	538541.9	3135190.9	538557.3	3135187.0	538596.2	3135176.9	538592.3	3135177.9	538650.4	3135162.9
426	538536.7	3135140.7	538554.5	3135136.1	538595.4	3135125.5	538585.4	3135128.0	538645.6	3135112.5
427	538531.4	3135090.4	538550.5	3135085.4	538590.9	3135075.0	538582.7	3135077.1	538643.1	3135061.5
428	538526.6	3135040.0	538546.6	3135034.8	538585.6	3135024.7	538582.2	3135025.6	538638.8	3135010.9
429	538523.9	3134989.0	538542.5	3134984.2	538579.2	3134974.7	538583.9	3134973.5	538635.1	3134960.3
430	538521.3	3134938.1	538536.9	3134934.0	538577.3	3134923.6	538582.6	3134922.2	538630.2	3134909.9
431	538518.6	3134887.1	538528.7	3134884.5	538571.4	3134873.5	538576.1	3134872.2	538625.8	3134859.4
432	538515.3	3134836.3	538521.7	3134834.7	538566.7	3134823.0	538574.7	3134820.9	538621.3	3134808.9
433	538511.5	3134785.7	538517.4	3134784.1	538563.4	3134772.2	538570.2	3134770.5	538617.7	3134758.2
434	538507.6	3134735.0	538513.2	3134733.6	538560.7	3134721.3	538567.6	3134719.5	538612.9	3134707.8
435	538503.6	3134684.4	538508.9	3134683.0	538557.7	3134670.4	538564.1	3134668.8	538609.3	3134657.1
436	538498.4	3134634.1	538506.5	3134632.0	538554.6	3134619.6	538562.2	3134617.6	538606.0	3134606.3
437	538493.2	3134583.8	538504.6	3134580.9	538549.1	3134569.4	538562.2	3134566.0	538601.9	3134555.7
438	538487.9	3134533.5	538502.3	3134529.8	538543.9	3134519.1	538559.8	3134514.9	538598.2	3134505.0
439	538483.9	3134482.9	538499.3	3134478.9	538542.3	3134467.8	538551.3	3134465.5	538594.4	3134454.3
440	538480.1	3134432.3	538496.3	3134428.1	538542.1	3134416.2	538542.9	3134416.0	538589.6	3134403.9
441	538476.2	3134381.6	538493.1	3134377.2	538541.3	3134364.8	538539.3	3134365.3	538585.1	3134353.5
442	538472.6	3134330.9	538490.0	3134326.4	538539.4	3134313.6	538533.6	3134315.1	538578.8	3134303.4
443	538469.1	3134280.2	538486.2	3134275.7	538537.4	3134262.5	538528.7	3134264.7	538575.5	3134252.6
444	538465.7	3134229.4	538482.1	3134225.2	538535.5	3134211.4	538529.4	3134212.9	538571.4	3134202.1
445	538461.8	3134178.8	538482.2	3134173.5	538530.3	3134161.0	538529.3	3134161.3	538566.6	3134151.7
446	538457.1	3134128.3	538482.2	3134121.8	538529.1	3134109.7	538528.3	3134109.9	538563.8	3134100.8
447	538452.5	3134077.9	538481.4	3134070.4	538526.8	3134058.7	538525.8	3134058.9	538560.7	3134049.9
448	538448.3	3134027.3	538479.9	3134019.1	538525.2	3134007.4	538524.6	3134007.6	538558.0	3133998.9

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
449	0.7	1.1	0.9	0.9	2.2	1.1	1.1	0.1	0.7	1.0
450	0.7	1.2	0.9	0.9	2.4	1.0	1.0	-0.2	0.6	1.1
451	0.8	1.3	0.9	0.9	2.5	1.0	1.0	-0.4	0.5	1.0
452	0.8	1.2	0.9	0.9	2.4	1.0	1.0	-0.2	0.5	1.0
453	0.7	1.2	0.9	0.9	2.5	1.1	1.0	-0.2	0.4	0.9
454	0.8	1.2	0.9	0.9	2.3	1.1	0.9	-0.1	0.4	0.8
455	0.8	1.2	0.9	0.9	2.0	1.0	0.9	0.1	0.5	0.8
456	0.9	1.2	0.9	0.8	2.0	0.9	0.8	0.0	0.4	0.7
457	0.8	1.2	0.9	0.8	2.1	1.0	0.8	-0.1	0.4	0.7
458	0.7	1.1	0.8	0.8	2.0	1.0	0.8	0.1	0.4	0.6
459	0.6	1.1	0.8	0.8	2.2	1.1	0.9	0.1	0.4	0.6
460	0.6	1.0	0.8	0.7	2.2	1.1	0.8	0.2	0.3	0.4
461	0.5	1.0	0.8	0.7	2.0	1.1	0.8	0.3	0.3	0.3
462	0.5	1.0	0.8	0.7	2.2	1.1	0.7	0.0	0.2	0.3
463	0.6	1.1	0.8	0.7	2.5	1.1	0.7	-0.3	0.0	0.2
464	0.6	1.2	0.8	0.6	2.5	1.0	0.7	-0.3	0.0	0.1
465	0.6	1.1	0.8	0.6	2.5	1.1	0.6	-0.3	-0.1	0.1
466	0.5	1.1	0.8	0.6	2.8	1.1	0.6	-0.4	-0.1	0.0
467	0.5	1.1	0.8	0.6	2.5	1.1	0.6	-0.2	-0.1	0.0
468	0.5	1.0	0.8	0.5	2.5	1.1	0.6	-0.1	-0.1	-0.1
469	0.5	1.0	0.7	0.5	2.1	1.1	0.6	0.1	0.0	-0.1
470	0.5	0.9	0.7	0.5	1.9	1.0	0.6	0.2	0.1	0.0
471	0.5	0.8	0.7	0.5	1.7	1.0	0.5	0.2	0.1	0.0
472	0.4	0.7	0.7	0.5	1.6	1.0	0.5	0.5	0.1	-0.1
473	0.4	0.7	0.7	0.5	1.7	1.0	0.5	0.4	0.1	0.0
474	0.3	0.8	0.7	0.5	1.8	1.1	0.6	0.4	0.1	-0.1
475	0.3	0.8	0.7	0.5	1.9	1.1	0.6	0.4	0.0	-0.2
476	0.3	0.8	0.7	0.4	2.1	1.2	0.5	0.4	0.0	-0.3
477	0.2	0.8	0.7	0.4	2.3	1.2	0.6	0.1	-0.1	-0.3
478	0.2	0.8	0.6	0.4	2.3	1.2	0.6	0.2	0.0	-0.2
479	0.2	0.7	0.6	0.4	2.1	1.2	0.6	0.3	0.1	-0.1
480	0.1	0.7	0.6	0.4	2.0	1.2	0.6	0.5	0.1	-0.1
481	0.1	0.7	0.6	0.4	2.2	1.1	0.6	0.1	0.0	0.0
482	0.1	0.8	0.6	0.4	2.6	1.1	0.6	-0.3	-0.1	0.0
483	0.1	0.9	0.5	0.4	2.8	1.1	0.6	-0.5	-0.2	0.0
484	0.1	0.9	0.5	0.4	2.8	1.1	0.6	-0.5	-0.2	0.1
485	0.1	0.9	0.5	0.4	2.9	1.1	0.6	-0.5	-0.2	0.0
486	0.1	0.9	0.5	0.4	3.0	1.1	0.6	-0.6	-0.2	0.1
487	0.1	0.9	0.5	0.4	3.0	1.1	0.7	-0.6	-0.2	0.0
488	0.0	0.9	0.5	0.4	3.1	1.2	0.7	-0.6	-0.2	0.1
489	0.0	0.9	0.5	0.4	3.1	1.2	0.7	-0.6	-0.2	0.1
490	0.0	0.9	0.5	0.4	3.2	1.1	0.7	-0.7	-0.2	0.2
491	0.0	0.9	0.5	0.4	3.1	1.1	0.7	-0.7	-0.2	0.2
492	0.0	0.8	0.5	0.4	3.0	1.1	0.7	-0.7	-0.2	0.2
493	0.0	0.8	0.5	0.4	3.1	1.0	0.7	-0.8	-0.2	0.3
494	-0.1	0.9	0.4	0.4	3.2	1.0	0.7	-0.9	-0.2	0.3
495	-0.1	0.9	0.4	0.4	3.3	1.0	0.7	-1.0	-0.2	0.3
496	0.0	0.9	0.4	0.4	3.2	1.0	0.7	-1.0	-0.2	0.4
497	0.0	0.9	0.4	0.4	3.1	0.9	0.7	-1.1	-0.2	0.4
498	0.0	0.9	0.4	0.4	3.1	0.9	0.7	-1.1	-0.2	0.4
499	0.0	0.9	0.4	0.4	3.1	1.0	0.7	-1.0	-0.2	0.3
500	0.0	0.9	0.4	0.4	3.1	0.9	0.7	-1.0	-0.2	0.3
501	0.0	0.8	0.4	0.4	3.0	1.0	0.7	-0.8	-0.2	0.2
502	0.0	0.9	0.4	0.4	3.1	0.9	0.7	-1.0	-0.2	0.3
503	0.0	0.9	0.4	0.4	3.2	0.9	0.6	-1.3	-0.3	0.4
504	0.0	0.9	0.4	0.4	3.1	0.8	0.6	-1.3	-0.3	0.4

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
449	538445.0	3133976.5	538478.5	3133967.9	538521.2	3133956.8	538523.4	3133956.3	538555.6	3133947.9
450	538441.7	3133925.7	538477.6	3133916.5	538523.5	3133904.6	538518.7	3133905.8	538552.3	3133897.1
451	538436.7	3133828.5	538475.9	3133836.0	538525.3	3133845.6	538517.3	3133844.0	538549.4	3133850.2
452	538435.5	3133777.3	538473.1	3133784.6	538520.5	3133793.7	538515.7	3133792.8	538547.9	3133799.0
453	538434.2	3133726.2	538470.4	3133733.2	538519.9	3133742.7	538515.2	3133741.8	538542.6	3133747.0
454	538432.2	3133674.9	538469.6	3133682.1	538515.6	3133690.9	538513.3	3133690.5	538537.8	3133695.2
455	538430.2	3133623.6	538470.3	3133631.3	538510.3	3133639.0	538511.8	3133639.3	538536.1	3133644.0
456	538428.9	3133572.4	538471.0	3133580.5	538510.2	3133588.0	538509.3	3133587.9	538531.6	3133592.2
457	538428.8	3133521.5	538466.9	3133528.8	538509.1	3133536.9	538507.3	3133536.6	538528.1	3133540.6
458	538428.8	3133470.5	538462.2	3133477.0	538502.2	3133484.7	538505.1	3133485.2	538523.3	3133488.7
459	538428.8	3133419.6	538457.5	3133425.1	538501.0	3133433.5	538503.1	3133433.9	538521.2	3133437.4
460	538429.0	3133368.7	538456.4	3133374.0	538498.7	3133382.2	538502.0	3133382.8	538515.8	3133385.5
461	538429.3	3133317.9	538455.7	3133323.0	538495.7	3133330.7	538502.0	3133331.9	538512.6	3133333.9
462	538428.3	3133266.8	538455.3	3133272.0	538499.2	3133280.4	538499.3	3133280.4	538509.6	3133282.4
463	538426.3	3133215.5	538454.9	3133221.0	538504.7	3133230.6	538498.9	3133229.4	538505.6	3133230.7
464	538424.3	3133164.2	538454.4	3133170.0	538504.0	3133179.5	538497.4	3133178.2	538501.9	3133179.1
465	538422.9	3133113.0	538451.4	3133118.5	538501.5	3133128.1	538495.8	3133127.0	538498.4	3133127.5
466	538423.9	3133062.2	538448.7	3133067.0	538502.8	3133077.4	538494.6	3133075.9	538494.8	3133075.9
467	538424.8	3133011.5	538448.1	3133016.0	538498.0	3133025.6	538494.2	3133024.9	538493.6	3133024.8
468	538425.3	3132960.7	538447.6	3132965.0	538496.9	3132974.5	538494.2	3132973.9	538491.8	3132973.5
469	538424.9	3132909.7	538448.2	3132914.2	538490.2	3132922.3	538492.1	3132922.6	538489.4	3132922.1
470	538424.5	3132858.7	538448.0	3132863.2	538484.6	3132870.3	538487.8	3132870.9	538488.5	3132871.0
471	538424.1	3132807.7	538446.4	3132812.0	538480.6	3132818.6	538485.4	3132819.5	538485.4	3132819.5
472	538424.4	3132756.8	538444.8	3132760.8	538475.4	3132766.7	538485.8	3132768.7	538482.2	3132768.0
473	538424.8	3132706.0	538443.2	3132709.5	538476.0	3132715.9	538484.2	3132717.4	538483.1	3132717.2
474	538425.2	3132655.1	538441.6	3132658.3	538477.0	3132665.1	538485.3	3132666.7	538481.9	3132666.1
475	538425.5	3132604.3	538440.0	3132607.1	538477.8	3132614.4	538486.5	3132616.0	538480.5	3132614.9
476	538425.4	3132553.4	538438.5	3132555.9	538479.7	3132563.8	538487.3	3132565.3	538478.3	3132563.5
477	538425.4	3132502.4	538436.9	3132504.6	538482.4	3132513.4	538485.3	3132514.0	538477.3	3132512.4
478	538425.3	3132451.5	538435.3	3132453.4	538479.9	3132462.0	538483.6	3132462.7	538477.4	3132461.5
479	538425.4	3132400.6	538433.7	3132402.2	538474.8	3132410.1	538482.0	3132411.5	538477.6	3132410.6
480	538425.6	3132349.7	538432.2	3132351.0	538470.6	3132358.4	538480.3	3132360.3	538476.6	3132359.5
481	538425.8	3132298.8	538432.0	3132300.0	538474.7	3132308.3	538477.3	3132308.8	538476.1	3132308.5
482	538425.9	3132247.9	538431.7	3132249.1	538482.7	3132258.9	538475.6	3132257.5	538475.7	3132257.5
483	538425.7	3132197.0	538430.6	3132197.9	538485.0	3132208.4	538474.9	3132206.5	538475.9	3132206.6
484	538425.4	3132146.0	538429.4	3132146.8	538484.9	3132157.5	538473.5	3132155.3	538475.3	3132155.6
485	538425.0	3132095.0	538428.6	3132095.7	538485.5	3132106.7	538474.3	3132104.5	538475.4	3132104.7
486	538424.6	3132044.0	538427.9	3132044.6	538486.1	3132055.9	538473.1	3132053.3	538475.2	3132053.8
487	538424.5	3131993.1	538427.2	3131993.6	538485.3	3132004.8	538473.3	3132002.5	538474.7	3132002.7
488	538424.7	3131942.2	538425.1	3131942.3	538485.2	3131953.8	538472.3	3131951.4	538474.8	3131951.8
489	538424.9	3131891.3	538422.8	3131890.9	538484.2	3131902.7	538471.3	3131900.2	538475.0	3131901.0
490	538425.2	3131840.4	538422.7	3131840.0	538484.7	3131851.9	538469.3	3131848.9	538475.7	3131850.2
491	538425.5	3131789.6	538424.1	3131789.3	538485.1	3131801.1	538470.1	3131798.2	538475.6	3131799.2
492	538426.1	3131738.8	538425.0	3131738.6	538484.1	3131749.9	538468.4	3131746.9	538476.0	3131748.4
493	538426.8	3131688.0	538424.6	3131687.6	538484.9	3131699.2	538467.3	3131695.8	538476.3	3131697.5
494	538427.2	3131637.2	538424.2	3131636.6	538486.3	3131648.6	538467.0	3131644.8	538476.7	3131646.7
495	538427.5	3131586.3	538425.0	3131585.8	538489.9	3131598.3	538467.7	3131594.0	538477.3	3131595.9
496	538428.1	3131535.5	538426.2	3131535.1	538488.3	3131547.1	538466.5	3131542.9	538477.9	3131545.1
497	538428.8	3131484.7	538427.5	3131484.5	538488.3	3131496.2	538465.0	3131491.7	538478.3	3131494.3
498	538429.5	3131433.9	538428.8	3131433.8	538489.5	3131445.5	538465.5	3131440.9	538479.1	3131443.5
499	538430.3	3131383.2	538429.9	3131383.1	538490.3	3131394.7	538469.2	3131390.7	538478.7	3131392.5
500	538431.3	3131332.4	538430.1	3131332.2	538490.0	3131343.7	538468.8	3131339.7	538479.0	3131341.6
501	538432.3	3131281.7	538430.2	3131281.3	538489.6	3131292.7	538471.8	3131289.3	538479.0	3131290.7
502	538433.3	3131231.0	538431.5	3131230.6	538491.8	3131242.3	538469.6	3131238.0	538479.5	3131239.9
503	538434.2	3131180.2	538433.3	3131180.1	538495.5	3131192.1	538468.3	3131186.8	538480.5	3131189.2
504	538435.1	3131129.5	538435.1	3131129.5	538496.3	3131141.3	538467.8	3131135.8	538480.1	3131138.2

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
505	0.0	0.9	0.4	0.4	3.1	0.8	0.6	-1.4	-0.3	0.4
506	0.0	0.9	0.4	0.4	3.1	0.8	0.6	-1.3	-0.3	0.5
507	0.0	0.9	0.4	0.4	3.1	0.8	0.7	-1.3	-0.2	0.5
508	0.0	0.9	0.4	0.4	3.1	0.8	0.7	-1.3	-0.2	0.4
509	-0.1	0.9	0.3	0.4	3.3	0.8	0.7	-1.5	-0.3	0.6
510	-0.1	0.8	0.3	0.4	3.1	0.8	0.7	-1.3	-0.2	0.5
511	-0.1	0.9	0.4	0.4	3.4	0.8	0.7	-1.4	-0.3	0.5
512	0.0	0.9	0.3	0.4	3.4	0.8	0.7	-1.6	-0.3	0.6
513	0.0	1.0	0.3	0.4	3.5	0.7	0.7	-1.8	-0.3	0.7
514	0.0	1.0	0.3	0.4	3.5	0.7	0.7	-2.0	-0.3	0.8
515	0.1	1.0	0.3	0.4	3.4	0.5	0.7	-2.1	-0.3	0.9
516	0.1	1.0	0.3	0.4	3.3	0.5	0.6	-2.1	-0.3	0.9
517	0.2	1.1	0.3	0.4	3.4	0.4	0.6	-2.3	-0.4	0.9
518	0.2	1.1	0.3	0.4	3.2	0.5	0.6	-2.1	-0.4	0.7
519	0.2	1.0	0.3	0.4	3.0	0.5	0.5	-1.9	-0.4	0.6
520	0.3	1.0	0.4	0.4	2.7	0.4	0.5	-1.7	-0.3	0.6
521	0.3	0.9	0.3	0.4	2.4	0.3	0.5	-1.6	-0.3	0.6
522	0.4	0.9	0.3	0.4	2.3	0.3	0.4	-1.6	-0.3	0.6
523	0.3	0.9	0.3	0.4	2.4	0.3	0.4	-1.7	-0.3	0.6
524	0.3	0.9	0.3	0.4	2.5	0.3	0.4	-1.7	-0.4	0.6
525	0.2	0.9	0.2	0.3	2.8	0.3	0.4	-2.0	-0.4	0.6
526	0.1	0.9	0.2	0.3	2.7	0.3	0.4	-1.8	-0.4	0.6
527	0.1	0.8	0.2	0.3	2.6	0.3	0.4	-1.7	-0.4	0.5
528	0.1	0.8	0.2	0.3	2.5	0.4	0.5	-1.6	-0.3	0.6
529	0.1	0.8	0.3	0.3	2.5	0.4	0.4	-1.5	-0.3	0.4
530	0.2	0.8	0.3	0.3	2.5	0.5	0.4	-1.5	-0.3	0.4
531	0.2	0.8	0.3	0.3	2.5	0.5	0.4	-1.4	-0.3	0.4
532	0.2	0.8	0.3	0.3	2.4	0.4	0.4	-1.4	-0.3	0.4
533	0.3	0.8	0.3	0.3	2.2	0.4	0.4	-1.2	-0.3	0.3
534	0.3	0.7	0.4	0.3	1.8	0.4	0.4	-0.8	-0.1	0.3
535	0.3	0.6	0.3	0.4	1.6	0.4	0.4	-0.6	0.0	0.4
536	0.2	0.7	0.4	0.3	1.7	0.5	0.4	-0.6	-0.1	0.2
537	0.2	0.7	0.3	0.3	1.9	0.5	0.4	-0.7	-0.1	0.2
538	0.1	0.6	0.3	0.3	1.9	0.6	0.4	-0.6	-0.1	0.2
539	0.1	0.5	0.3	0.3	1.7	0.6	0.4	-0.3	-0.1	0.1
540	0.1	0.6	0.3	0.3	1.7	0.7	0.4	-0.3	-0.1	0.1
541	0.1	0.6	0.4	0.3	1.7	0.7	0.4	-0.3	-0.1	0.0
542	0.1	0.6	0.4	0.3	1.8	0.7	0.4	-0.3	-0.2	-0.1
543	0.1	0.6	0.4	0.3	1.9	0.8	0.4	-0.3	-0.2	-0.1
544	0.1	0.6	0.4	0.3	1.9	0.8	0.4	-0.2	-0.1	0.0
545	0.0	0.6	0.4	0.3	1.9	0.9	0.5	-0.1	-0.1	-0.1
546	0.0	0.5	0.4	0.3	1.8	0.9	0.5	0.1	0.0	-0.1
547	0.0	0.5	0.5	0.3	1.8	1.0	0.5	0.3	0.0	-0.2
548	0.0	0.5	0.5	0.3	1.7	1.0	0.4	0.3	0.0	-0.3
549	0.0	0.5	0.5	0.3	1.7	1.0	0.5	0.4	0.0	-0.2
550	0.1	0.5	0.5	0.3	1.7	0.9	0.4	0.2	0.0	-0.2
551	0.1	0.6	0.5	0.3	1.7	1.0	0.4	0.3	0.0	-0.3
552	0.1	0.5	0.5	0.3	1.6	0.9	0.4	0.3	0.0	-0.3
553	0.0	0.5	0.5	0.3	1.6	1.0	0.4	0.4	0.0	-0.3
554	0.0	0.4	0.5	0.3	1.6	1.0	0.5	0.6	0.0	-0.3
555	0.0	0.4	0.4	0.3	1.3	1.0	0.4	0.6	0.1	-0.3
556	0.0	0.4	0.4	0.3	1.4	0.9	0.4	0.4	0.1	-0.2
557	0.0	0.5	0.4	0.2	1.7	0.8	0.4	0.1	0.0	-0.1
558	0.0	0.5	0.4	0.2	1.7	0.8	0.4	0.0	-0.1	-0.1
559	-0.1	0.4	0.3	0.2	1.6	0.8	0.4	0.1	-0.1	-0.2
560	-0.1	0.4	0.3	0.2	1.4	0.8	0.4	0.2	0.0	-0.2

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
505	538436.0	3131078.8	538436.9	3131078.9	538498.3	3131090.7	538468.9	3131085.1	538482.9	3131087.8
506	538436.9	3131028.0	538438.3	3131028.3	538498.3	3131039.8	538469.5	3131034.3	538484.9	3131037.2
507	538439.1	3130977.5	538439.5	3130977.6	538499.7	3130989.2	538471.5	3130983.7	538487.1	3130986.8
508	538441.2	3130927.0	538440.1	3130926.8	538501.3	3130938.6	538474.3	3130933.4	538488.6	3130936.1
509	538443.4	3130876.5	538440.5	3130875.9	538504.4	3130888.2	538471.3	3130881.9	538490.0	3130885.5
510	538445.6	3130826.0	538442.5	3130825.4	538503.5	3130837.2	538476.0	3130831.9	538491.7	3130834.9
511	538447.5	3130775.5	538444.8	3130774.9	538510.6	3130787.6	538479.6	3130781.6	538495.1	3130784.6
512	538449.1	3130724.8	538447.3	3130724.5	538514.2	3130737.4	538479.3	3130730.7	538499.2	3130734.5
513	538450.7	3130674.2	538449.8	3130674.1	538519.1	3130687.4	538480.3	3130679.9	538502.1	3130684.1
514	538452.4	3130623.6	538453.5	3130623.9	538522.8	3130637.2	538480.5	3130629.1	538504.9	3130633.8
515	538454.0	3130573.0	538457.9	3130573.8	538525.3	3130586.8	538479.9	3130578.0	538507.3	3130583.3
516	538455.5	3130522.4	538462.0	3130523.7	538526.9	3130536.2	538481.1	3130527.3	538508.5	3130532.6
517	538456.9	3130471.8	538465.4	3130473.4	538531.2	3130486.1	538482.7	3130476.7	538509.7	3130481.9
518	538458.4	3130421.1	538468.6	3130423.1	538531.7	3130435.2	538487.5	3130426.7	538510.3	3130431.1
519	538459.9	3130370.5	538471.9	3130372.8	538531.3	3130384.2	538490.8	3130376.4	538510.7	3130380.3
520	538461.9	3130320.0	538477.0	3130322.9	538529.4	3130333.0	538493.6	3130326.1	538512.3	3130329.7
521	538464.2	3130269.5	538481.2	3130272.8	538528.4	3130281.8	538493.8	3130275.2	538514.0	3130279.1
522	538466.4	3130219.0	538483.6	3130222.3	538529.3	3130231.1	538495.9	3130224.7	538514.9	3130228.3
523	538468.6	3130168.5	538485.7	3130171.8	538532.6	3130180.8	538497.0	3130174.0	538515.8	3130177.6
524	538472.2	3130118.3	538486.1	3130120.9	538535.3	3130130.4	538498.3	3130123.3	538515.9	3130126.7
525	538476.6	3130068.2	538484.7	3130069.8	538539.9	3130080.4	538497.5	3130072.2	538516.2	3130075.8
526	538480.9	3130018.1	538487.0	3130019.3	538539.6	3130029.4	538500.3	3130021.8	538518.3	3130025.3
527	538485.0	3129968.0	538489.1	3129968.8	538540.3	3129978.6	538503.0	3129971.4	538519.6	3129974.6
528	538486.4	3129917.3	538490.8	3129918.2	538540.1	3129927.7	538506.3	3129921.2	538523.8	3129924.5
529	538487.8	3129866.7	538493.4	3129867.8	538543.2	3129877.4	538511.6	3129871.3	538525.7	3129874.0
530	538489.3	3129816.0	538496.7	3129817.5	538546.7	3129827.1	538515.3	3129821.1	538528.5	3129823.6
531	538491.4	3129765.5	538500.2	3129767.2	538548.3	3129776.5	538518.9	3129770.8	538531.9	3129773.3
532	538493.9	3129715.1	538505.1	3129717.3	538551.3	3129726.2	538522.0	3129720.5	538535.5	3129723.1
533	538496.5	3129664.7	538509.1	3129667.1	538552.1	3129675.4	538526.2	3129670.4	538537.3	3129672.5
534	538499.0	3129614.2	538512.7	3129616.9	538547.6	3129623.6	538531.0	3129620.4	538540.7	3129622.3
535	538501.5	3129563.8	538514.7	3129566.3	538545.7	3129572.3	538533.0	3129569.9	538544.1	3129572.0
536	538505.1	3129513.6	538516.6	3129515.8	538550.5	3129522.3	538538.4	3129520.0	538544.3	3129521.1
537	538510.0	3129463.6	538518.7	3129465.3	538556.2	3129472.5	538541.2	3129469.6	538548.5	3129471.0
538	538514.9	3129413.6	538520.9	3129414.8	538557.3	3129421.8	538544.8	3129419.4	538551.1	3129420.6
539	538519.7	3129363.6	538523.8	3129364.4	538557.2	3129370.9	538549.9	3129369.4	538551.7	3129369.8
540	538522.5	3129313.3	538526.8	3129314.1	538560.7	3129320.6	538553.6	3129319.2	538555.8	3129319.7
541	538525.2	3129262.9	538530.8	3129263.9	538564.5	3129270.4	538558.4	3129269.2	538559.1	3129269.4
542	538528.1	3129212.5	538534.2	3129213.7	538569.4	3129220.4	538563.8	3129219.4	538560.5	3129218.7
543	538531.7	3129162.3	538536.2	3129163.1	538573.9	3129170.4	538568.0	3129169.3	538565.9	3129168.9
544	538535.3	3129112.1	538538.2	3129112.6	538575.9	3129119.9	538570.6	3129118.9	538569.2	3129118.6
545	538538.9	3129061.8	538540.3	3129062.1	538576.8	3129069.1	538575.5	3129068.9	538573.0	3129068.4
546	538542.3	3129011.6	538542.4	3129011.6	538578.3	3129018.5	538580.4	3129018.9	538575.7	3129018.0
547	538545.6	3128961.3	538545.6	3128961.3	538580.8	3128968.1	538586.3	3128969.1	538578.6	3128967.6
548	538549.0	3128911.0	538548.9	3128911.0	538582.8	3128917.5	538590.0	3128918.9	538581.6	3128917.3
549	538552.0	3128860.7	538552.4	3128860.7	538585.9	3128867.2	538593.8	3128868.7	538585.9	3128867.2
550	538553.2	3128810.0	538556.0	3128810.5	538589.6	3128817.0	538594.1	3128817.9	538588.3	3128816.8
551	538554.4	3128759.3	538560.0	3128760.4	538593.1	3128766.7	538600.3	3128768.1	538591.6	3128766.5
552	538558.0	3128709.1	538564.0	3128710.2	538595.7	3128716.3	538602.7	3128717.7	538594.5	3128716.1
553	538564.7	3128659.4	538567.0	3128659.9	538597.9	3128665.8	538606.9	3128667.6	538597.9	3128665.8
554	538570.5	3128609.6	538570.3	3128609.6	538600.8	3128615.5	538613.2	3128617.9	538603.3	3128616.0
555	538575.1	3128559.6	538575.5	3128559.7	538601.9	3128564.8	538615.3	3128567.3	538607.2	3128565.8
556	538580.9	3128509.8	538581.9	3128510.0	538609.4	3128515.3	538618.8	3128517.1	538612.3	3128515.9
557	538586.7	3128460.0	538586.4	3128459.9	538619.3	3128466.3	538620.9	3128466.6	538616.8	3128465.8
558	538592.5	3128410.2	538590.9	3128409.9	538625.1	3128416.5	538624.2	3128416.3	538620.0	3128415.5
559	538598.4	3128360.4	538595.5	3128359.9	538626.9	3128365.9	538628.6	3128366.2	538622.9	3128365.1
560	538603.4	3128310.5	538600.8	3128310.0	538629.2	3128315.4	538633.8	3128316.3	538627.5	3128315.1

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
561	0.0	0.4	0.3	0.2	1.5	0.8	0.3	0.1	-0.1	-0.2
562	0.0	0.4	0.3	0.2	1.5	0.8	0.3	0.1	-0.1	-0.2
563	0.0	0.4	0.3	0.2	1.6	0.8	0.3	-0.1	-0.2	-0.2
564	0.0	0.4	0.4	0.2	1.7	0.8	0.3	0.1	-0.2	-0.3
565	-0.1	0.5	0.3	0.2	1.8	0.8	0.3	-0.1	-0.2	-0.3
566	-0.1	0.4	0.4	0.2	1.8	0.9	0.4	0.1	-0.2	-0.3
567	-0.1	0.4	0.4	0.2	1.6	1.0	0.4	0.4	-0.1	-0.4
568	-0.1	0.4	0.4	0.2	1.5	0.9	0.4	0.4	-0.1	-0.3
569	0.0	0.4	0.4	0.2	1.5	0.9	0.3	0.3	-0.1	-0.4
570	0.0	0.5	0.4	0.2	1.6	0.9	0.3	0.2	-0.2	-0.4
571	0.0	0.4	0.4	0.2	1.2	0.8	0.3	0.5	-0.1	-0.4
572	0.1	0.4	0.4	0.2	1.1	0.8	0.3	0.6	-0.1	-0.5
573	0.1	0.4	0.5	0.2	1.1	0.9	0.3	0.8	0.0	-0.6
574	0.0	0.3	0.5	0.2	1.2	1.0	0.3	0.8	0.0	-0.6
575	0.0	0.3	0.4	0.2	1.1	1.0	0.3	1.0	0.0	-0.6
576	-0.1	0.3	0.4	0.2	1.0	1.0	0.3	1.0	0.1	-0.6
577	0.0	0.2	0.4	0.2	0.9	1.0	0.3	1.0	0.1	-0.5
578	0.0	0.3	0.4	0.2	1.0	0.9	0.3	0.8	0.1	-0.4
579	0.0	0.3	0.3	0.2	1.1	0.8	0.4	0.5	0.1	-0.2
580	-0.1	0.2	0.3	0.2	1.0	0.8	0.4	0.7	0.2	-0.2
581	-0.1	0.2	0.4	0.2	0.7	0.9	0.4	1.0	0.3	-0.2
582	-0.1	0.1	0.4	0.2	0.7	0.9	0.4	1.2	0.3	-0.3
583	-0.1	0.2	0.4	0.2	0.9	1.0	0.4	1.1	0.2	-0.3
584	0.0	0.2	0.4	0.2	0.8	0.9	0.4	1.0	0.2	-0.3
585	0.0	0.2	0.4	0.2	0.7	0.9	0.3	1.2	0.2	-0.4
586	0.0	0.2	0.4	0.2	0.6	0.9	0.3	1.2	0.2	-0.4
587	0.0	0.1	0.4	0.2	0.5	0.8	0.3	1.1	0.2	-0.4
588	-0.1	0.1	0.3	0.1	0.7	0.9	0.2	1.0	0.1	-0.5
589	-0.1	0.1	0.3	0.1	0.7	0.8	0.3	0.9	0.1	-0.4
590	-0.1	0.2	0.3	0.1	0.9	0.7	0.2	0.6	0.0	-0.4
591	-0.1	0.2	0.2	0.1	0.9	0.7	0.2	0.5	0.0	-0.4
592	-0.1	0.1	0.3	0.1	0.6	0.7	0.2	0.8	0.0	-0.5
593	-0.1	0.1	0.2	0.1	0.5	0.6	0.1	0.7	0.0	-0.4
594	0.0	0.2	0.3	0.1	0.6	0.6	0.1	0.6	-0.1	-0.5
595	0.0	0.2	0.3	0.1	0.7	0.6	0.1	0.5	-0.1	-0.5
596	0.0	0.2	0.3	0.1	0.5	0.7	0.1	0.8	0.0	-0.6
597	0.1	0.2	0.4	0.1	0.4	0.7	0.1	0.9	0.0	-0.6
598	0.1	0.2	0.4	0.1	0.5	0.7	0.1	0.8	0.0	-0.6
599	0.1	0.2	0.3	0.1	0.4	0.7	0.1	0.9	0.0	-0.5
600	0.0	0.1	0.3	0.1	0.4	0.7	0.2	1.0	0.1	-0.6
601	0.0	0.2	0.3	0.1	0.7	0.8	0.2	0.9	0.0	-0.6
602	0.0	0.2	0.3	0.1	0.8	0.7	0.2	0.7	-0.1	-0.6
603	0.0	0.2	0.3	0.1	0.9	0.7	0.1	0.5	-0.2	-0.6
604	0.0	0.3	0.3	0.1	1.0	0.7	0.1	0.5	-0.2	-0.6
605	0.0	0.2	0.3	0.1	0.9	0.7	0.2	0.5	-0.1	-0.5
606	0.0	0.2	0.3	0.1	0.7	0.7	0.2	0.8	0.0	-0.5
607	0.0	0.2	0.3	0.1	0.8	0.7	0.1	0.5	-0.1	-0.5
608	0.0	0.3	0.3	0.1	1.0	0.6	0.1	0.2	-0.2	-0.5
609	0.0	0.4	0.3	0.1	1.3	0.6	0.2	0.0	-0.2	-0.4
610	0.0	0.4	0.3	0.1	1.3	0.6	0.2	-0.1	-0.2	-0.2
611	0.0	0.3	0.3	0.1	1.0	0.6	0.2	0.2	-0.1	-0.3
612	0.0	0.3	0.3	0.1	0.9	0.5	0.2	0.2	-0.1	-0.3
613	0.1	0.4	0.3	0.1	1.1	0.5	0.2	0.0	-0.2	-0.3
614	0.1	0.4	0.3	0.1	1.3	0.5	0.2	-0.3	-0.3	-0.3
615	0.1	0.5	0.3	0.1	1.3	0.4	0.2	-0.4	-0.3	-0.2
616	0.1	0.4	0.3	0.1	1.1	0.4	0.1	-0.2	-0.2	-0.2

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
561	538608.3	3128260.5	538606.1	3128260.1	538635.8	3128265.8	538637.3	3128266.1	538631.1	3128264.9
562	538613.2	3128210.5	538611.2	3128210.1	538640.9	3128215.9	538642.3	3128216.1	538636.1	3128214.9
563	538617.8	3128160.5	538616.0	3128160.1	538648.0	3128166.3	538646.9	3128166.1	538639.4	3128164.6
564	538622.1	3128110.4	538619.7	3128109.9	538652.3	3128116.2	538653.8	3128116.5	538643.9	3128114.6
565	538626.4	3128060.3	538622.3	3128059.5	538657.6	3128066.3	538656.0	3128066.0	538647.1	3128064.3
566	538630.1	3128010.1	538623.9	3128008.9	538659.8	3128015.8	538662.1	3128016.2	538651.1	3128014.1
567	538633.0	3127959.7	538627.5	3127958.7	538659.6	3127964.9	538667.8	3127966.4	538655.9	3127964.1
568	538635.9	3127909.4	538632.8	3127908.8	538661.6	3127914.3	538669.8	3127915.9	538658.8	3127913.8
569	538638.0	3127858.9	538637.2	3127858.7	538667.1	3127864.5	538673.5	3127865.7	538660.2	3127863.1
570	538640.0	3127808.3	538641.0	3127808.5	538671.7	3127814.4	538676.3	3127815.3	538662.9	3127812.7
571	538642.1	3127757.8	538644.3	3127758.2	538668.7	3127762.9	538678.7	3127764.9	538665.2	3127762.3
572	538644.4	3127707.3	538647.6	3127707.9	538669.5	3127712.2	538682.3	3127714.6	538666.8	3127711.6
573	538647.1	3127656.9	538650.9	3127657.7	538672.3	3127661.8	538688.5	3127664.9	538671.0	3127661.5
574	538652.6	3127607.1	538653.7	3127607.3	538676.5	3127611.7	538694.4	3127615.1	538674.5	3127611.3
575	538658.2	3127557.2	538656.6	3127556.9	538677.6	3127561.0	538698.7	3127565.0	538678.6	3127561.2
576	538663.5	3127507.3	538660.8	3127506.8	538681.2	3127510.7	538703.5	3127515.0	538684.5	3127511.4
577	538668.1	3127457.3	538666.0	3127456.9	538684.2	3127460.4	538705.9	3127464.6	538689.6	3127461.4
578	538672.6	3127407.3	538671.2	3127407.0	538690.1	3127410.6	538707.3	3127413.9	538695.9	3127411.7
579	538677.1	3127357.2	538674.7	3127356.7	538696.7	3127361.0	538707.8	3127363.1	538701.7	3127361.9
580	538681.0	3127307.0	538677.4	3127306.3	538698.0	3127310.3	538712.2	3127313.0	538706.8	3127312.0
581	538683.9	3127256.7	538680.0	3127255.9	538694.6	3127258.7	538715.6	3127262.8	538709.6	3127261.6
582	538686.9	3127206.3	538682.5	3127205.5	538695.7	3127208.0	538721.3	3127213.0	538710.7	3127210.9
583	538689.8	3127156.0	538685.6	3127155.2	538703.0	3127158.5	538725.6	3127162.9	538714.9	3127160.8
584	538693.4	3127105.7	538691.8	3127105.4	538708.2	3127108.6	538729.9	3127112.8	538718.9	3127110.7
585	538699.2	3127055.9	538697.9	3127055.7	538710.8	3127058.2	538736.0	3127063.0	538722.2	3127060.4
586	538705.0	3127006.1	538703.9	3127005.9	538715.5	3127008.2	538741.5	3127013.2	538727.5	3127010.5
587	538712.0	3126956.6	538709.6	3126956.1	538719.9	3126958.1	538744.1	3126962.8	538730.7	3126960.2
588	538719.2	3126907.0	538714.9	3126906.2	538727.8	3126908.7	538750.3	3126913.0	538732.9	3126909.7
589	538726.2	3126857.5	538720.4	3126856.4	538733.6	3126858.9	538752.3	3126862.5	538738.8	3126859.9
590	538732.8	3126807.8	538726.1	3126806.5	538744.5	3126810.1	538756.6	3126812.4	538744.0	3126810.0
591	538739.4	3126758.2	538732.9	3126756.9	538750.3	3126760.3	538761.8	3126762.5	538748.9	3126760.0
592	538746.0	3126708.5	538741.0	3126707.6	538753.4	3126709.9	538770.0	3126713.1	538754.0	3126710.1
593	538752.7	3126658.9	538750.2	3126658.4	538759.1	3126660.1	538773.6	3126662.9	538759.7	3126660.2
594	538757.6	3126608.9	538756.4	3126608.7	538768.1	3126611.0	538781.6	3126613.6	538765.2	3126610.4
595	538762.3	3126558.9	538762.2	3126558.9	538775.3	3126561.4	538786.5	3126563.6	538770.3	3126560.4
596	538766.3	3126508.8	538768.2	3126509.1	538778.5	3126511.1	538795.3	3126514.3	538776.2	3126510.7
597	538769.3	3126458.4	538774.9	3126459.5	538782.7	3126461.0	538802.5	3126464.8	538784.1	3126461.3
598	538773.8	3126408.4	538780.7	3126409.7	538790.3	3126411.6	538808.2	3126415.0	538790.3	3126411.5
599	538782.7	3126359.2	538785.2	3126359.7	538794.0	3126361.3	538812.7	3126365.0	538795.4	3126361.6
600	538791.5	3126309.9	538791.7	3126310.0	538800.0	3126311.6	538821.9	3126315.8	538802.6	3126312.1
601	538800.4	3126260.7	538799.3	3126260.5	538812.7	3126263.1	538830.9	3126266.6	538810.4	3126262.7
602	538808.3	3126211.3	538806.8	3126211.1	538822.9	3126214.2	538837.5	3126217.0	538818.6	3126213.3
603	538815.9	3126161.9	538814.4	3126161.6	538832.8	3126165.1	538844.3	3126167.4	538824.8	3126163.6
604	538823.5	3126112.4	538822.0	3126112.1	538841.7	3126115.9	538852.1	3126117.9	538831.7	3126114.0
605	538831.2	3126063.0	538830.1	3126062.8	538848.2	3126066.3	538859.1	3126068.4	538841.9	3126065.1
606	538838.9	3126013.6	538837.9	3126013.4	538850.7	3126015.8	538867.5	3126019.1	538850.5	3126015.8
607	538845.5	3125963.9	538845.2	3125963.9	538860.8	3125966.9	538872.3	3125969.1	538855.0	3125965.7
608	538851.0	3125914.1	538852.5	3125914.3	538872.5	3125918.2	538876.4	3125918.9	538861.1	3125916.0
609	538856.9	3125864.3	538857.9	3125864.5	538882.5	3125869.2	538881.7	3125869.1	538869.4	3125866.7
610	538863.6	3125814.6	538863.3	3125814.6	538889.4	3125819.6	538887.3	3125819.2	538879.5	3125817.7
611	538870.2	3125765.0	538870.7	3125765.1	538891.1	3125769.0	538894.5	3125769.7	538885.4	3125767.9
612	538876.9	3125715.4	538879.3	3125715.8	538896.5	3125719.1	538900.4	3125719.9	538891.4	3125718.2
613	538882.7	3125665.6	538886.1	3125666.2	538906.8	3125670.2	538906.2	3125670.1	538897.3	3125668.4
614	538887.5	3125615.6	538892.3	3125616.5	538918.0	3125621.4	538912.0	3125620.3	538903.4	3125618.6
615	538892.3	3125565.6	538898.5	3125566.8	538924.3	3125571.7	538915.4	3125570.0	538909.5	3125568.9
616	538898.6	3125515.9	538904.8	3125517.1	538926.8	3125521.3	538921.6	3125520.3	538915.2	3125519.1

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
617	0.1	0.4	0.2	0.1	1.1	0.4	0.1	-0.2	-0.2	-0.3
618	0.0	0.3	0.2	0.1	0.9	0.4	0.1	0.0	-0.2	-0.3
619	0.0	0.3	0.2	0.0	1.1	0.5	0.1	0.0	-0.3	-0.5
620	0.0	0.2	0.2	0.0	0.9	0.5	0.0	0.1	-0.3	-0.5
621	-0.1	0.3	0.2	0.0	1.0	0.5	0.1	0.0	-0.3	-0.5
622	0.0	0.3	0.2	0.0	1.0	0.5	0.1	0.0	-0.3	-0.5
623	0.0	0.3	0.2	0.0	0.9	0.4	0.1	0.0	-0.2	-0.4
624	0.1	0.3	0.2	0.1	0.9	0.5	0.1	0.0	-0.3	-0.5
625	0.1	0.4	0.3	0.1	1.0	0.5	0.1	-0.1	-0.3	-0.5
626	0.2	0.4	0.3	0.1	0.9	0.5	0.1	0.1	-0.2	-0.5
627	0.2	0.3	0.3	0.1	0.3	0.5	0.1	0.6	0.0	-0.4
628	0.3	0.3	0.4	0.2	0.2	0.4	0.1	0.7	0.0	-0.4
629	0.3	0.3	0.4	0.2	0.1	0.5	0.1	0.8	0.1	-0.4
630	0.4	0.4	0.4	0.2	0.3	0.4	0.1	0.5	0.0	-0.3
631	0.4	0.4	0.4	0.2	0.5	0.4	0.1	0.3	-0.1	-0.3
632	0.5	0.5	0.4	0.2	0.4	0.4	0.1	0.4	0.0	-0.3
633	0.5	0.5	0.5	0.2	0.4	0.4	0.1	0.5	0.0	-0.4
634	0.4	0.4	0.4	0.2	0.4	0.4	0.1	0.4	-0.1	-0.4
635	0.4	0.3	0.4	0.2	0.3	0.4	0.0	0.5	0.0	-0.4
636	0.3	0.2	0.3	0.1	0.1	0.3	0.0	0.4	0.0	-0.3
637	0.3	0.1	0.2	0.1	-0.2	0.2	0.0	0.6	0.0	-0.3
638	0.3	0.1	0.2	0.1	-0.4	0.2	0.0	0.7	0.1	-0.3
639	0.3	0.0	0.2	0.1	-0.6	0.1	-0.1	0.7	0.1	-0.3
640	0.2	0.1	0.2	0.0	-0.3	0.1	-0.1	0.5	0.0	-0.3
641	0.3	0.2	0.1	0.0	0.1	0.0	-0.1	-0.1	-0.2	-0.2
642	0.3	0.3	0.1	0.0	0.2	-0.2	-0.1	-0.5	-0.3	-0.1
643	0.2	0.2	0.1	0.0	0.2	-0.2	-0.1	-0.5	-0.2	0.0
644	0.2	0.2	0.1	0.0	0.3	-0.1	-0.1	-0.4	-0.2	0.0
645	0.2	0.1	0.1	0.0	0.1	0.0	-0.1	-0.1	-0.1	-0.1
646	0.2	0.2	0.1	0.0	0.1	0.0	-0.1	-0.1	-0.1	-0.1
647	0.2	0.1	0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.2
648	0.1	0.2	0.1	0.0	0.2	0.1	0.0	-0.1	-0.1	-0.2
649	0.0	0.2	0.1	0.1	0.6	0.2	0.1	-0.2	-0.1	-0.1
650	0.0	0.3	0.1	0.1	0.8	0.2	0.1	-0.3	-0.1	-0.1
651	0.2	0.3	0.1	0.1	0.6	0.1	0.1	-0.4	-0.1	0.1
652	0.3	0.3	0.2	0.1	0.5	0.1	0.0	-0.3	-0.1	0.0
653	0.3	0.4	0.2	0.1	0.6	0.1	0.0	-0.4	-0.2	-0.1
654	0.3	0.4	0.3	0.1	0.4	0.2	0.0	-0.1	-0.2	-0.2
655	0.4	0.4	0.3	0.2	0.5	0.2	0.0	0.0	-0.2	-0.3
656	0.4	0.5	0.3	0.2	0.6	0.3	0.0	-0.1	-0.2	-0.4
657	0.4	0.5	0.4	0.2	0.6	0.3	0.0	-0.1	-0.2	-0.3
658	0.4	0.5	0.4	0.2	0.6	0.4	0.0	0.1	-0.2	-0.5
659	0.4	0.5	0.4	0.2	0.8	0.4	0.0	-0.1	-0.3	-0.4
660	0.3	0.5	0.4	0.2	1.1	0.4	0.1	-0.2	-0.3	-0.4
661	0.3	0.5	0.3	0.2	1.0	0.3	0.1	-0.3	-0.3	-0.3
662	0.3	0.5	0.3	0.2	1.1	0.3	0.1	-0.3	-0.3	-0.3
663	0.2	0.4	0.2	0.1	1.1	0.3	0.1	-0.4	-0.3	-0.2
664	0.0	0.3	0.2	0.1	1.1	0.3	0.1	-0.4	-0.3	-0.2
665	-0.1	0.3	0.1	0.0	1.2	0.3	0.1	-0.5	-0.3	-0.1
666	-0.1	0.3	0.1	0.0	1.2	0.4	0.1	-0.4	-0.3	-0.3
667	-0.2	0.3	0.1	0.0	1.5	0.4	0.1	-0.5	-0.4	-0.3
668	-0.2	0.3	0.1	0.0	1.5	0.4	0.1	-0.6	-0.4	-0.3
669	-0.2	0.4	0.2	0.0	1.7	0.5	0.1	-0.6	-0.4	-0.3
670	-0.1	0.4	0.2	0.0	1.8	0.5	0.1	-0.7	-0.5	-0.3
671	-0.2	0.4	0.1	0.0	1.7	0.5	0.1	-0.6	-0.5	-0.4
672	-0.2	0.4	0.2	0.0	1.9	0.5	0.1	-0.7	-0.5	-0.4

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
617	538905.0	3125466.2	538909.3	3125467.0	538931.4	3125471.3	538927.2	3125470.5	538918.3	3125468.7
618	538911.8	3125416.6	538913.7	3125416.9	538931.4	3125420.4	538932.0	3125420.5	538921.6	3125418.5
619	538919.0	3125367.0	538918.7	3125367.0	538939.6	3125371.0	538939.1	3125370.9	538923.3	3125367.9
620	538926.2	3125317.5	538923.9	3125317.1	538941.9	3125320.5	538943.2	3125320.8	538927.5	3125317.8
621	538931.6	3125267.6	538929.1	3125267.1	538949.3	3125271.0	538949.6	3125271.1	538933.1	3125267.9
622	538936.7	3125217.7	538934.4	3125217.2	538954.7	3125221.2	538955.6	3125221.3	538940.0	3125218.3
623	538941.7	3125167.7	538941.9	3125167.8	538959.9	3125171.2	538960.3	3125171.3	538946.7	3125168.7
624	538946.3	3125117.7	538949.4	3125118.3	538968.0	3125121.9	538968.5	3125122.0	538953.5	3125119.1
625	538950.8	3125067.7	538957.0	3125068.8	538976.6	3125072.6	538975.5	3125072.4	538961.1	3125069.6
626	538955.5	3125017.6	538964.6	3125019.4	538981.4	3125022.6	538983.9	3125023.1	538969.0	3125020.2
627	538961.1	3124967.8	538972.7	3124970.0	538979.5	3124971.3	538991.5	3124973.6	538977.7	3124971.0
628	538966.6	3124917.9	538980.4	3124920.6	538984.0	3124921.3	538998.2	3124924.0	538986.5	3124921.8
629	538972.2	3124868.1	538988.1	3124871.2	538991.0	3124871.7	539008.9	3124875.2	538995.3	3124872.5
630	538978.1	3124818.3	538996.7	3124821.9	539003.0	3124823.1	539014.6	3124825.3	539003.5	3124823.2
631	538984.2	3124768.6	539005.1	3124772.6	539014.3	3124774.4	539021.3	3124775.7	539011.6	3124773.8
632	538990.8	3124718.9	539013.5	3124723.3	539021.7	3124724.9	539030.1	3124726.5	539020.3	3124724.6
633	538997.4	3124669.3	539022.0	3124674.0	539029.8	3124675.5	539040.0	3124677.5	539027.7	3124675.1
634	539008.9	3124620.6	539030.6	3124624.7	539039.1	3124626.4	539047.9	3124628.1	539035.6	3124625.7
635	539021.4	3124572.1	539039.3	3124575.5	539044.2	3124576.5	539054.7	3124578.5	539042.6	3124576.1
636	539033.9	3124523.6	539048.1	3124526.3	539050.6	3124526.8	539060.1	3124528.6	539049.4	3124526.5
637	539045.0	3124474.8	539057.8	3124477.2	539054.4	3124476.6	539067.4	3124479.1	539056.5	3124477.0
638	539054.2	3124425.6	539067.7	3124428.2	539060.2	3124426.8	539074.5	3124429.5	539064.1	3124427.5
639	539063.5	3124376.5	539076.3	3124379.0	539064.8	3124376.7	539079.9	3124379.6	539070.6	3124377.9
640	539072.7	3124327.3	539084.7	3124329.6	539078.5	3124328.5	539088.4	3124330.4	539078.1	3124328.4
641	539081.6	3124278.1	539094.4	3124280.6	539095.8	3124280.9	539093.3	3124280.4	539087.1	3124279.2
642	539090.5	3124228.9	539104.0	3124231.5	539108.9	3124232.5	539097.2	3124230.2	539095.4	3124229.9
643	539098.7	3124179.6	539110.2	3124181.8	539114.6	3124182.6	539103.8	3124180.6	539103.3	3124180.5
644	539106.1	3124130.1	539115.3	3124131.9	539120.5	3124132.9	539112.3	3124131.3	539111.1	3124131.1
645	539113.0	3124080.5	539121.4	3124082.1	539123.1	3124082.5	539120.1	3124081.9	539117.4	3124081.4
646	539119.1	3124030.8	539128.2	3124032.5	539129.6	3124032.8	539128.0	3124032.5	539123.4	3124031.6
647	539125.1	3123981.0	539135.1	3123982.9	539134.3	3123982.8	539133.6	3123982.6	539127.9	3123981.5
648	539130.6	3123931.2	539136.9	3123932.4	539141.5	3123933.2	539140.2	3123933.0	539134.6	3123931.9
649	539135.6	3123881.2	539137.2	3123881.5	539149.4	3123883.8	539145.3	3123883.1	539142.1	3123882.4
650	539140.6	3123831.2	539143.0	3123831.7	539158.0	3123834.6	539152.6	3123833.6	539150.9	3123833.2
651	539144.6	3123781.1	539153.2	3123782.7	539164.5	3123784.9	539156.0	3123783.3	539157.9	3123783.6
652	539148.7	3123731.0	539161.0	3123733.3	539170.9	3123735.2	539164.1	3123733.9	539163.1	3123733.7
653	539152.1	3123680.7	539166.5	3123683.5	539177.7	3123685.6	539170.1	3123684.2	539167.5	3123683.7
654	539155.5	3123630.4	539172.0	3123633.6	539180.8	3123635.3	539179.1	3123635.0	539171.3	3123633.5
655	539159.4	3123580.3	539177.8	3123583.8	539188.1	3123585.8	539187.3	3123585.6	539178.1	3123583.9
656	539163.9	3123530.2	539183.6	3123534.0	539195.3	3123536.3	539193.9	3123536.0	539182.3	3123533.8
657	539168.5	3123480.2	539189.3	3123484.2	539201.5	3123486.5	539200.1	3123486.3	539190.1	3123484.3
658	539174.4	3123430.4	539194.7	3123434.3	539207.0	3123436.7	539210.2	3123437.3	539195.6	3123434.5
659	539181.0	3123380.8	539199.9	3123384.4	539216.4	3123387.6	539214.8	3123387.3	539202.3	3123384.9
660	539188.0	3123331.2	539204.9	3123334.4	539225.6	3123338.4	539220.8	3123337.5	539209.0	3123335.2
661	539196.5	3123281.9	539213.2	3123285.1	539232.6	3123288.9	539227.0	3123287.8	539216.8	3123285.8
662	539205.1	3123232.6	539219.9	3123235.5	539241.0	3123239.6	539233.9	3123238.2	539224.7	3123236.4
663	539217.8	3123184.2	539226.3	3123185.8	539248.0	3123190.0	539240.2	3123188.5	539232.4	3123187.0
664	539231.4	3123135.9	539232.7	3123136.1	539253.9	3123140.2	539246.1	3123138.7	539239.7	3123137.5
665	539241.8	3123086.9	539239.0	3123086.4	539262.4	3123090.9	539251.7	3123088.8	539247.1	3123088.0
666	539249.9	3123037.6	539245.0	3123036.6	539269.4	3123041.3	539261.8	3123039.9	539253.8	3123038.3
667	539258.0	3122988.2	539250.3	3122986.8	539278.8	3122992.2	539268.4	3122990.2	539259.1	3122988.4
668	539264.4	3122938.5	539256.9	3122937.1	539287.3	3122942.9	539274.6	3122940.5	539265.8	3122938.8
669	539270.7	3122888.8	539263.2	3122887.4	539297.0	3122893.9	539284.3	3122891.5	539273.5	3122889.4
670	539277.3	3122839.2	539270.1	3122837.8	539305.2	3122844.6	539291.1	3122841.8	539280.4	3122839.8
671	539285.3	3122789.8	539277.9	3122788.4	539312.2	3122795.0	539298.5	3122792.3	539286.8	3122790.1
672	539293.3	3122740.4	539285.4	3122738.9	539322.1	3122746.0	539307.2	3122743.1	539293.1	3122740.4

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
673	-0.2	0.4	0.2	0.0	1.8	0.5	0.1	-0.7	-0.5	-0.5
674	-0.2	0.4	0.2	0.0	1.8	0.5	0.1	-0.6	-0.5	-0.5
675	-0.1	0.4	0.1	0.0	1.7	0.5	0.1	-0.6	-0.5	-0.4
676	-0.1	0.3	0.1	0.0	1.5	0.5	0.1	-0.5	-0.5	-0.4
677	-0.2	0.3	0.1	0.0	1.6	0.5	0.1	-0.5	-0.5	-0.4
678	-0.1	0.4	0.1	0.0	1.7	0.5	0.1	-0.6	-0.5	-0.4
679	-0.1	0.4	0.1	0.0	1.5	0.4	0.1	-0.7	-0.5	-0.3
680	0.0	0.4	0.1	0.0	1.4	0.2	0.1	-0.9	-0.4	-0.1
681	0.0	0.4	0.1	0.0	1.5	0.3	0.0	-0.8	-0.5	-0.3
682	0.0	0.5	0.2	0.0	1.5	0.3	0.0	-0.7	-0.6	-0.4
683	0.0	0.4	0.2	0.0	1.4	0.3	0.0	-0.7	-0.6	-0.5
684	0.0	0.4	0.2	0.0	1.4	0.4	0.0	-0.6	-0.5	-0.5
685	0.0	0.5	0.1	0.0	1.6	0.3	0.0	-0.8	-0.6	-0.4
686	-0.1	0.5	0.1	0.0	1.8	0.4	0.0	-0.9	-0.7	-0.5
687	-0.1	0.4	0.2	0.0	1.7	0.5	0.0	-0.7	-0.6	-0.6
688	-0.1	0.4	0.2	0.0	1.6	0.5	0.0	-0.6	-0.6	-0.6
689	-0.1	0.4	0.2	0.0	1.7	0.5	0.0	-0.7	-0.6	-0.6
690	-0.1	0.4	0.2	0.0	1.7	0.4	0.0	-0.7	-0.6	-0.6
691	0.0	0.5	0.2	0.0	1.7	0.4	0.0	-0.8	-0.7	-0.6
692	0.0	0.5	0.1	0.0	1.6	0.3	-0.1	-1.0	-0.7	-0.5
693	0.1	0.5	0.1	0.0	1.4	0.2	-0.1	-1.0	-0.6	-0.4
694	0.1	0.4	0.1	0.0	1.2	0.1	-0.1	-0.9	-0.6	-0.4
695	0.1	0.4	0.1	0.0	1.2	0.0	-0.1	-1.1	-0.6	-0.2
696	0.0	0.4	0.1	0.0	1.2	0.1	-0.1	-1.0	-0.6	-0.3
697	0.0	0.3	0.1	-0.1	1.1	0.1	-0.1	-0.8	-0.6	-0.4
698	0.0	0.3	0.0	-0.1	1.0	0.1	-0.1	-0.7	-0.5	-0.4
699	0.0	0.3	0.1	0.0	1.0	0.2	0.0	-0.6	-0.4	-0.4
700	0.0	0.3	0.1	0.0	1.1	0.3	0.0	-0.5	-0.4	-0.4
701	-0.1	0.3	0.1	0.0	1.2	0.3	0.0	-0.5	-0.5	-0.4
702	-0.1	0.3	0.1	-0.1	1.3	0.3	0.0	-0.6	-0.6	-0.5
703	-0.1	0.4	0.1	-0.1	1.6	0.3	-0.1	-0.9	-0.7	-0.5
704	-0.1	0.4	0.1	-0.1	1.7	0.3	-0.1	-0.9	-0.7	-0.6
705	-0.1	0.4	0.1	-0.1	1.9	0.4	-0.1	-1.0	-0.8	-0.7
706	-0.2	0.4	0.1	-0.1	1.9	0.5	0.0	-0.8	-0.8	-0.7
707	-0.2	0.4	0.1	-0.1	2.0	0.6	0.0	-0.8	-0.7	-0.7
708	-0.3	0.4	0.1	-0.1	2.1	0.5	0.0	-0.9	-0.7	-0.6
709	-0.3	0.4	0.1	-0.1	2.1	0.5	0.1	-0.9	-0.7	-0.5
710	-0.3	0.4	0.1	-0.1	2.1	0.6	0.1	-0.8	-0.7	-0.6
711	-0.3	0.4	0.1	-0.1	1.9	0.6	0.1	-0.7	-0.6	-0.6
712	-0.2	0.3	0.1	-0.1	1.8	0.5	0.0	-0.7	-0.6	-0.6
713	-0.2	0.3	0.1	-0.1	1.6	0.5	0.0	-0.5	-0.6	-0.6
714	-0.2	0.3	0.1	0.0	1.5	0.5	0.0	-0.4	-0.5	-0.6
715	-0.2	0.3	0.1	-0.1	1.7	0.6	0.0	-0.5	-0.6	-0.6
716	-0.3	0.3	0.1	-0.1	1.8	0.6	0.1	-0.5	-0.6	-0.6
717	-0.3	0.3	0.1	-0.1	1.7	0.5	0.1	-0.6	-0.5	-0.5
718	-0.2	0.4	0.1	0.0	1.8	0.5	0.1	-0.8	-0.5	-0.3
719	-0.2	0.4	0.1	0.0	1.9	0.4	0.1	-1.0	-0.5	-0.2
720	-0.2	0.4	0.1	0.0	1.9	0.4	0.2	-1.0	-0.4	-0.1
721	-0.2	0.4	0.1	0.1	1.8	0.4	0.2	-0.8	-0.4	-0.1
722	-0.2	0.4	0.1	0.0	2.1	0.4	0.1	-1.1	-0.6	-0.3
723	-0.2	0.5	0.1	0.0	2.2	0.5	0.1	-1.1	-0.7	-0.4
724	-0.2	0.4	0.1	0.0	2.1	0.5	0.1	-1.0	-0.6	-0.4
725	-0.3	0.4	0.1	0.0	2.1	0.4	0.1	-1.1	-0.6	-0.3
726	-0.3	0.4	0.0	-0.1	2.2	0.4	0.1	-1.2	-0.6	-0.3
727	-0.3	0.4	0.1	0.0	2.1	0.5	0.1	-1.1	-0.6	-0.3
728	-0.2	0.4	0.1	0.0	2.0	0.5	0.1	-1.0	-0.6	-0.3

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
673	539300.8	3122691.0	539292.6	3122689.4	539328.6	3122696.3	539314.5	3122693.6	539300.0	3122690.8
674	539308.3	3122641.5	539300.0	3122639.9	539335.0	3122646.6	539321.9	3122644.1	539307.4	3122641.3
675	539315.3	3122591.9	539308.6	3122590.6	539341.2	3122596.9	539327.9	3122594.3	539314.4	3122591.7
676	539321.0	3122542.1	539314.6	3122540.9	539344.2	3122546.6	539333.7	3122544.5	539320.2	3122541.9
677	539326.7	3122492.3	539319.3	3122490.8	539350.2	3122496.8	539339.4	3122494.7	539326.1	3122492.1
678	539332.2	3122442.4	539325.5	3122441.1	539358.4	3122447.5	539344.7	3122444.8	539332.7	3122442.5
679	539337.4	3122392.5	539333.9	3122391.8	539363.7	3122397.6	539348.3	3122394.6	539338.7	3122392.7
680	539342.7	3122342.6	539342.7	3122342.6	539370.8	3122348.0	539351.2	3122344.2	539347.1	3122343.4
681	539348.6	3122292.8	539348.7	3122292.8	539378.0	3122298.5	539360.9	3122295.2	539351.2	3122293.3
682	539354.9	3122243.1	539356.4	3122243.4	539385.9	3122249.1	539370.4	3122246.1	539356.2	3122243.4
683	539363.0	3122193.7	539364.8	3122194.1	539392.4	3122199.4	539378.2	3122196.7	539362.4	3122193.6
684	539371.1	3122144.4	539371.9	3122144.5	539399.6	3122149.9	539386.9	3122147.4	539371.5	3122144.5
685	539378.8	3122094.9	539378.0	3122094.8	539410.3	3122101.0	539392.2	3122097.5	539379.5	3122095.1
686	539386.2	3122045.5	539383.6	3122045.0	539419.6	3122051.9	539399.3	3122048.0	539384.3	3122045.1
687	539393.6	3121996.0	539390.5	3121995.4	539424.4	3122001.9	539409.7	3121999.1	539390.4	3121995.3
688	539400.9	3121946.5	539397.0	3121945.7	539428.6	3121951.8	539415.5	3121949.3	539396.5	3121945.6
689	539408.2	3121896.9	539403.4	3121896.0	539436.6	3121902.4	539422.6	3121899.7	539403.4	3121896.0
690	539415.4	3121847.4	539411.5	3121846.7	539444.4	3121853.0	539429.4	3121850.1	539411.0	3121846.6
691	539421.9	3121797.7	539419.6	3121797.3	539453.4	3121803.8	539435.9	3121800.4	539417.4	3121796.9
692	539428.0	3121748.0	539429.2	3121748.2	539460.6	3121754.3	539439.5	3121750.2	539422.3	3121746.9
693	539434.1	3121698.3	539438.4	3121699.1	539465.7	3121704.3	539444.7	3121700.3	539431.8	3121697.8
694	539441.2	3121648.7	539446.5	3121649.7	539470.2	3121654.3	539450.6	3121650.5	539439.3	3121648.3
695	539450.4	3121599.5	539454.1	3121600.3	539478.1	3121604.9	539455.4	3121600.5	539448.2	3121599.1
696	539459.5	3121550.4	539461.4	3121550.8	539485.8	3121555.4	539465.2	3121551.5	539454.9	3121549.5
697	539468.7	3121501.2	539468.0	3121501.1	539489.7	3121505.3	539473.3	3121502.1	539459.6	3121499.5
698	539475.9	3121451.7	539474.5	3121451.4	539494.7	3121455.3	539480.1	3121452.5	539469.0	3121450.4
699	539482.8	3121402.1	539481.0	3121401.8	539501.5	3121405.7	539489.0	3121403.3	539477.7	3121401.1
700	539489.7	3121352.5	539487.5	3121352.1	539509.0	3121356.2	539499.0	3121354.3	539485.5	3121351.7
701	539496.6	3121302.9	539493.6	3121302.4	539517.4	3121307.0	539507.1	3121305.0	539492.9	3121302.2
702	539503.5	3121253.3	539499.5	3121252.6	539525.8	3121257.7	539513.1	3121255.2	539496.5	3121252.0
703	539510.4	3121203.8	539505.9	3121202.9	539537.4	3121209.0	539518.4	3121205.3	539501.3	3121202.0
704	539518.1	3121154.3	539512.8	3121153.3	539547.2	3121159.9	539526.9	3121156.0	539508.2	3121152.4
705	539526.2	3121105.0	539518.9	3121103.6	539556.2	3121110.7	539534.4	3121106.5	539513.7	3121102.6
706	539534.3	3121055.6	539524.4	3121053.7	539562.6	3121061.0	539546.0	3121057.9	539522.2	3121053.3
707	539540.6	3121005.9	539528.8	3121003.6	539568.8	3121011.3	539551.7	3121008.0	539529.6	3121003.8
708	539546.8	3120956.2	539534.1	3120953.7	539575.3	3120961.7	539555.7	3120957.9	539537.5	3120954.4
709	539553.2	3120906.5	539540.1	3120904.0	539581.5	3120911.9	539561.2	3120908.0	539544.3	3120904.8
710	539559.7	3120856.8	539547.1	3120854.4	539587.4	3120862.2	539569.8	3120858.8	539552.2	3120855.4
711	539566.3	3120807.2	539553.9	3120804.8	539591.8	3120812.1	539576.9	3120809.2	539558.2	3120805.6
712	539571.9	3120757.3	539560.5	3120755.1	539595.8	3120761.9	539581.8	3120759.2	539563.3	3120755.7
713	539577.2	3120707.4	539567.2	3120705.5	539599.3	3120711.7	539589.3	3120709.8	539570.0	3120706.1
714	539582.6	3120657.6	539574.1	3120655.9	539604.4	3120661.8	539595.8	3120660.1	539577.0	3120656.5
715	539590.5	3120608.2	539580.2	3120606.2	539612.7	3120612.4	539603.0	3120610.6	539582.7	3120606.7
716	539598.5	3120558.8	539584.5	3120556.1	539619.7	3120562.9	539608.3	3120560.7	539589.8	3120557.1
717	539604.4	3120509.0	539591.5	3120506.5	539625.3	3120513.0	539611.9	3120510.4	539597.5	3120507.7
718	539607.8	3120458.7	539598.2	3120456.9	539634.2	3120463.8	539617.7	3120460.6	539606.9	3120458.6
719	539612.4	3120408.7	539604.2	3120407.1	539641.6	3120414.3	539621.2	3120410.4	539613.4	3120408.9
720	539619.9	3120359.2	539611.2	3120357.5	539647.7	3120364.6	539626.8	3120360.6	539623.8	3120360.0
721	539627.5	3120309.8	539618.0	3120307.9	539653.5	3120314.8	539636.5	3120311.5	539634.0	3120311.0
722	539634.1	3120260.1	539624.2	3120258.2	539664.8	3120266.0	539641.2	3120261.5	539630.6	3120259.5
723	539640.7	3120210.5	539630.1	3120208.4	539672.9	3120216.7	539649.0	3120212.1	539635.9	3120209.6
724	539647.7	3120160.9	539635.9	3120158.6	539677.5	3120166.6	539655.5	3120162.4	539643.1	3120160.0
725	539655.0	3120111.4	539641.4	3120108.8	539683.2	3120116.8	539659.7	3120112.3	539649.6	3120110.3
726	539662.3	3120061.9	539647.7	3120059.1	539690.0	3120067.2	539664.7	3120062.4	539656.0	3120060.7
727	539666.7	3120011.8	539654.1	3120009.4	539696.1	3120017.5	539673.6	3120013.1	539662.5	3120011.0
728	539670.2	3119961.6	539659.1	3119959.4	539699.3	3119967.2	539677.8	3119963.0	539668.5	3119961.2

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
729	-0.2	0.4	0.1	0.0	2.0	0.5	0.1	-0.9	-0.6	-0.4
730	-0.3	0.4	0.1	0.0	2.0	0.5	0.1	-1.0	-0.6	-0.3
731	-0.3	0.3	0.1	-0.1	1.9	0.5	0.1	-0.8	-0.5	-0.4
732	-0.3	0.3	0.1	0.0	1.7	0.5	0.1	-0.7	-0.5	-0.3
733	-0.3	0.3	0.1	0.0	1.8	0.5	0.1	-0.7	-0.5	-0.4
734	-0.3	0.3	0.1	0.0	1.9	0.6	0.1	-0.6	-0.5	-0.4
735	-0.2	0.4	0.1	0.0	1.8	0.5	0.1	-0.6	-0.5	-0.4
736	-0.1	0.4	0.2	0.0	1.6	0.5	0.1	-0.6	-0.5	-0.4
737	0.0	0.4	0.2	0.0	1.5	0.4	0.1	-0.6	-0.5	-0.4
738	0.0	0.4	0.2	0.0	1.5	0.4	0.0	-0.7	-0.5	-0.4
739	0.1	0.5	0.2	0.0	1.5	0.3	0.0	-0.7	-0.5	-0.4
740	0.0	0.4	0.2	0.0	1.5	0.4	0.0	-0.6	-0.5	-0.5
741	-0.1	0.4	0.2	0.0	1.6	0.4	0.0	-0.6	-0.5	-0.5
742	-0.1	0.4	0.2	0.0	1.6	0.5	0.0	-0.5	-0.5	-0.6
743	-0.1	0.3	0.2	0.0	1.5	0.5	0.0	-0.4	-0.5	-0.6
744	-0.1	0.4	0.2	0.0	1.6	0.5	0.0	-0.5	-0.6	-0.6
745	-0.1	0.4	0.2	-0.1	1.6	0.5	0.0	-0.5	-0.6	-0.7
746	-0.1	0.4	0.1	-0.1	1.7	0.5	0.0	-0.6	-0.7	-0.7
747	-0.2	0.4	0.1	-0.1	1.7	0.4	0.0	-0.7	-0.7	-0.6
748	-0.3	0.3	0.0	-0.1	1.8	0.4	0.0	-0.8	-0.7	-0.6
749	-0.3	0.4	0.0	-0.1	1.9	0.4	0.0	-1.0	-0.7	-0.6
750	-0.3	0.4	0.0	-0.1	2.0	0.4	0.0	-1.1	-0.7	-0.5
751	-0.3	0.4	0.1	-0.1	2.0	0.4	0.0	-1.0	-0.7	-0.5
752	-0.3	0.4	0.1	-0.1	2.0	0.4	0.1	-1.1	-0.7	-0.4
753	-0.3	0.4	0.1	-0.1	2.1	0.5	0.0	-1.0	-0.7	-0.5
754	-0.3	0.3	0.1	-0.1	1.9	0.5	0.0	-0.9	-0.7	-0.6
755	-0.3	0.3	0.0	-0.1	1.9	0.5	0.0	-0.8	-0.7	-0.7
756	-0.3	0.3	0.0	-0.2	1.8	0.5	0.0	-0.8	-0.7	-0.7
757	-0.4	0.3	0.0	-0.2	1.9	0.5	0.0	-0.8	-0.7	-0.7
758	-0.4	0.3	0.0	-0.1	2.0	0.5	0.0	-0.9	-0.7	-0.6
759	-0.4	0.3	0.1	-0.1	2.0	0.6	0.0	-0.6	-0.7	-0.7
760	-0.4	0.3	0.1	-0.1	2.0	0.7	0.0	-0.6	-0.7	-0.7
761	-0.4	0.3	0.1	-0.1	2.1	0.6	0.0	-0.7	-0.7	-0.7
762	-0.4	0.3	0.1	-0.2	2.0	0.6	0.0	-0.6	-0.7	-0.8
763	-0.4	0.2	0.1	-0.2	1.8	0.6	0.0	-0.4	-0.6	-0.8
764	-0.4	0.2	0.1	-0.2	1.7	0.7	0.0	-0.3	-0.6	-0.9
765	-0.5	0.2	0.0	-0.2	1.8	0.6	0.0	-0.5	-0.7	-0.8
766	-0.4	0.2	0.1	-0.2	2.0	0.7	0.0	-0.5	-0.7	-0.8
767	-0.4	0.3	0.1	-0.1	2.0	0.7	0.0	-0.5	-0.7	-0.8
768	-0.3	0.3	0.1	-0.1	1.7	0.6	0.0	-0.3	-0.7	-0.9
769	-0.3	0.2	0.1	-0.2	1.7	0.6	-0.1	-0.3	-0.7	-0.9
770	-0.3	0.2	0.1	-0.2	1.6	0.6	0.0	-0.2	-0.6	-0.9
771	-0.3	0.2	0.2	-0.1	1.6	0.8	0.0	0.1	-0.6	-1.0
772	-0.3	0.2	0.2	-0.1	1.5	0.8	0.0	0.1	-0.5	-1.0
773	-0.3	0.2	0.2	-0.1	1.4	0.8	0.0	0.2	-0.5	-1.0
774	-0.3	0.2	0.1	-0.1	1.4	0.7	0.0	0.1	-0.5	-0.9
775	-0.3	0.2	0.1	-0.1	1.3	0.6	0.0	-0.1	-0.5	-0.8
776	-0.4	0.2	0.1	-0.1	1.6	0.6	0.1	-0.3	-0.5	-0.7
777	-0.4	0.2	0.1	-0.1	1.8	0.7	0.1	-0.3	-0.6	-0.7
778	-0.3	0.2	0.1	-0.1	1.6	0.6	0.1	-0.3	-0.5	-0.7
779	-0.2	0.2	0.2	-0.1	1.3	0.7	0.0	0.0	-0.5	-0.8
780	-0.3	0.2	0.2	-0.1	1.3	0.7	0.0	0.1	-0.4	-0.8
781	-0.2	0.2	0.2	-0.1	1.2	0.7	0.1	0.2	-0.4	-0.7
782	-0.2	0.2	0.2	0.0	1.0	0.6	0.1	0.3	-0.3	-0.7
783	-0.1	0.2	0.2	0.0	0.9	0.6	0.1	0.4	-0.2	-0.6
784	-0.1	0.2	0.3	0.0	0.9	0.6	0.1	0.4	-0.2	-0.6

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
729	539676.7	3119911.9	539665.6	3119909.8	539705.6	3119917.5	539686.8	3119913.8	539674.8	3119911.5
730	539686.0	3119862.8	539672.9	3119860.2	539712.8	3119867.9	539692.3	3119864.0	539682.1	3119862.0
731	539694.9	3119813.6	539679.2	3119810.6	539716.3	3119817.7	539699.8	3119814.5	539688.6	3119812.4
732	539700.4	3119763.7	539686.3	3119761.0	539720.4	3119767.6	539705.2	3119764.6	539694.7	3119762.6
733	539705.9	3119713.8	539692.5	3119711.3	539727.6	3119718.0	539713.3	3119715.3	539701.4	3119713.0
734	539711.1	3119663.9	539697.5	3119661.3	539734.5	3119668.4	539721.9	3119666.0	539708.0	3119663.3
735	539716.3	3119614.0	539706.2	3119612.1	539741.5	3119618.9	539728.7	3119616.4	539715.2	3119613.8
736	539721.3	3119564.0	539715.5	3119562.9	539747.7	3119569.1	539735.2	3119566.7	539722.0	3119564.2
737	539726.5	3119514.1	539724.3	3119513.7	539754.6	3119519.6	539741.1	3119517.0	539728.5	3119514.5
738	539732.1	3119464.3	539732.9	3119464.5	539763.0	3119470.2	539747.8	3119467.3	539735.7	3119465.0
739	539738.1	3119414.5	539741.5	3119415.2	539771.4	3119421.0	539755.7	3119417.9	539743.0	3119415.5
740	539750.2	3119366.0	539749.6	3119365.8	539779.4	3119371.6	539766.4	3119369.1	539751.7	3119366.2
741	539761.4	3119317.2	539757.8	3119316.5	539788.6	3119322.4	539776.1	3119320.0	539760.1	3119316.9
742	539771.3	3119268.2	539766.1	3119267.2	539797.0	3119273.1	539786.6	3119271.1	539768.1	3119267.6
743	539781.1	3119219.1	539775.0	3119218.0	539805.0	3119223.7	539796.7	3119222.2	539776.3	3119218.2
744	539789.8	3119169.9	539784.6	3119168.9	539815.3	3119174.8	539803.8	3119172.6	539783.9	3119168.8
745	539799.6	3119120.9	539794.4	3119119.9	539826.1	3119126.0	539814.8	3119123.8	539792.8	3119119.6
746	539810.3	3119072.0	539804.5	3119070.9	539836.9	3119077.1	539823.3	3119074.5	539801.1	3119070.2
747	539821.4	3119023.2	539813.0	3119021.6	539845.6	3119027.9	539830.4	3119025.0	539810.1	3119021.1
748	539832.6	3118974.5	539819.4	3118971.9	539854.4	3118978.7	539836.9	3118975.3	539818.3	3118971.7
749	539841.3	3118925.2	539827.6	3118922.6	539865.8	3118930.0	539844.7	3118925.9	539826.6	3118922.4
750	539849.9	3118876.0	539836.6	3118873.4	539876.7	3118881.1	539852.9	3118876.5	539836.9	3118873.5
751	539857.6	3118826.5	539844.8	3118824.1	539884.5	3118831.7	539862.2	3118827.4	539846.5	3118824.4
752	539865.2	3118777.1	539852.7	3118774.7	539892.9	3118782.4	539869.8	3118778.0	539856.5	3118775.4
753	539876.7	3118728.4	539863.0	3118725.7	539903.4	3118733.5	539881.8	3118729.3	539864.3	3118726.0
754	539889.0	3118679.8	539873.6	3118676.9	539911.9	3118684.2	539893.5	3118680.7	539872.9	3118676.7
755	539899.9	3118631.0	539884.1	3118627.9	539920.8	3118635.0	539902.9	3118631.6	539882.0	3118627.5
756	539910.8	3118582.2	539894.5	3118579.0	539930.4	3118585.9	539913.3	3118582.7	539891.3	3118578.4
757	539921.3	3118533.3	539902.9	3118529.7	539940.3	3118536.9	539923.2	3118533.6	539902.4	3118529.6
758	539931.8	3118484.4	539911.8	3118480.5	539951.6	3118488.2	539933.0	3118484.6	539913.7	3118480.9
759	539941.8	3118435.4	539922.5	3118431.7	539961.6	3118439.2	539948.4	3118436.7	539925.4	3118432.2
760	539951.8	3118386.4	539931.9	3118382.6	539971.9	3118390.3	539959.0	3118387.8	539935.4	3118383.2
761	539962.7	3118337.6	539942.1	3118333.6	539983.3	3118341.5	539968.0	3118338.6	539945.3	3118334.2
762	539973.6	3118288.8	539953.4	3118284.9	539991.9	3118292.3	539979.6	3118289.9	539954.8	3118285.1
763	539984.8	3118240.0	539965.2	3118236.2	539999.6	3118242.8	539991.2	3118241.2	539965.5	3118236.3
764	539996.1	3118191.3	539976.0	3118187.4	540009.9	3118193.9	540003.4	3118192.7	539976.1	3118187.4
765	540007.5	3118142.5	539985.3	3118138.2	540021.3	3118145.2	540011.5	3118143.3	539986.2	3118138.4
766	540016.3	3118093.3	539994.3	3118089.1	540032.8	3118096.5	540021.6	3118094.3	539995.8	3118089.4
767	540024.7	3118044.0	540005.2	3118040.2	540043.5	3118047.6	540032.5	3118045.5	540007.4	3118040.7
768	540034.7	3117995.0	540018.8	3117992.0	540052.2	3117998.4	540045.4	3117997.1	540017.6	3117991.7
769	540045.6	3117946.2	540030.0	3117943.2	540062.6	3117949.5	540055.7	3117948.1	540026.0	3117942.4
770	540056.4	3117897.4	540040.3	3117894.3	540071.6	3117900.3	540066.7	3117899.3	540038.1	3117893.8
771	540064.9	3117848.1	540049.0	3117845.0	540079.7	3117850.9	540081.5	3117851.3	540049.2	3117845.0
772	540074.8	3117799.1	540059.6	3117796.1	540089.0	3117801.8	540091.3	3117802.2	540060.8	3117796.4
773	540087.2	3117750.5	540071.6	3117747.5	540099.6	3117752.9	540103.4	3117753.7	540072.9	3117747.8
774	540099.9	3117702.0	540084.5	3117699.1	540111.5	3117704.3	540113.3	3117704.6	540085.6	3117699.3
775	540113.1	3117653.7	540098.3	3117650.8	540123.9	3117655.8	540122.5	3117655.5	540097.9	3117650.7
776	540125.1	3117605.1	540105.6	3117601.3	540137.3	3117607.4	540131.6	3117606.3	540110.2	3117602.2
777	540134.7	3117556.0	540114.5	3117552.1	540150.0	3117558.9	540143.9	3117557.8	540120.7	3117553.3
778	540143.7	3117506.8	540128.5	3117503.9	540160.2	3117510.0	540154.7	3117508.9	540132.4	3117504.6
779	540152.6	3117457.6	540140.5	3117455.3	540166.4	3117460.3	540167.3	3117460.4	540142.5	3117455.7
780	540162.0	3117408.5	540149.3	3117406.1	540175.0	3117411.0	540177.6	3117411.5	540151.4	3117406.5
781	540171.5	3117359.4	540160.0	3117357.2	540182.6	3117361.5	540187.0	3117362.4	540163.9	3117358.0
782	540180.2	3117310.2	540172.2	3117308.6	540192.4	3117312.5	540198.2	3117313.6	540176.2	3117309.4
783	540188.3	3117260.8	540183.0	3117259.8	540200.1	3117263.1	540208.7	3117264.7	540188.7	3117260.9
784	540196.5	3117211.5	540193.5	3117210.9	540211.0	3117214.3	540219.1	3117215.8	540199.8	3117212.1

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
785	0.0	0.3	0.3	0.0	1.1	0.7	0.1	0.3	-0.3	-0.6
786	-0.1	0.3	0.3	0.1	1.3	0.6	0.1	0.1	-0.3	-0.5
787	-0.2	0.3	0.3	0.0	1.5	0.8	0.2	0.1	-0.3	-0.5
788	-0.3	0.3	0.2	0.0	1.7	0.9	0.3	0.1	-0.3	-0.5
789	-0.3	0.2	0.2	0.0	1.4	0.8	0.3	0.3	-0.2	-0.5
790	-0.2	0.1	0.2	0.1	1.0	0.8	0.3	0.5	0.0	-0.4
791	-0.2	0.1	0.2	0.0	0.9	0.7	0.2	0.6	0.0	-0.5
792	-0.2	0.1	0.2	0.0	0.8	0.7	0.1	0.6	-0.1	-0.6
793	-0.1	0.1	0.2	0.0	0.6	0.5	0.1	0.5	-0.1	-0.5
794	-0.1	0.1	0.2	0.0	0.7	0.5	0.1	0.5	-0.1	-0.5
795	-0.1	0.1	0.2	0.0	0.8	0.5	0.1	0.2	-0.1	-0.3
796	-0.1	0.1	0.1	0.0	0.9	0.5	0.1	0.1	-0.2	-0.4
797	-0.2	0.1	0.1	0.0	0.8	0.5	0.1	0.1	-0.2	-0.4
798	-0.2	0.2	0.1	0.0	0.9	0.5	0.1	0.1	-0.2	-0.4
799	-0.2	0.2	0.1	0.0	1.1	0.5	0.1	0.0	-0.2	-0.4
800	-0.2	0.2	0.2	0.0	1.2	0.6	0.1	0.0	-0.2	-0.4
801	-0.1	0.3	0.2	0.0	1.3	0.7	0.1	0.1	-0.3	-0.5
802	-0.2	0.2	0.2	0.0	1.3	0.7	0.2	0.1	-0.3	-0.5
803	-0.3	0.2	0.2	0.0	1.4	0.6	0.2	0.0	-0.3	-0.5
804	-0.3	0.2	0.1	0.0	1.4	0.6	0.2	-0.1	-0.3	-0.4
805	-0.2	0.2	0.2	0.0	1.4	0.7	0.2	0.0	-0.3	-0.5
806	-0.2	0.2	0.2	0.0	1.2	0.7	0.1	0.2	-0.3	-0.6
807	-0.2	0.2	0.2	0.0	1.1	0.7	0.1	0.2	-0.3	-0.7
808	-0.2	0.2	0.2	0.0	1.2	0.7	0.1	0.2	-0.4	-0.7
809	-0.1	0.2	0.2	0.0	1.2	0.6	0.0	0.2	-0.4	-0.7
810	-0.1	0.2	0.2	0.0	1.0	0.5	0.0	0.2	-0.3	-0.6
811	0.0	0.2	0.2	0.0	0.8	0.5	0.0	0.2	-0.3	-0.6
812	0.0	0.2	0.2	0.0	0.6	0.4	-0.1	0.1	-0.3	-0.6
813	0.0	0.2	0.2	0.0	0.6	0.4	-0.1	0.3	-0.3	-0.7
814	-0.1	0.1	0.2	-0.1	0.7	0.6	0.0	0.5	-0.3	-0.9
815	-0.1	0.1	0.2	-0.1	0.7	0.6	-0.1	0.4	-0.4	-0.9
816	-0.1	0.1	0.2	-0.1	0.8	0.5	-0.1	0.2	-0.4	-0.8
817	-0.1	0.2	0.2	-0.1	0.8	0.5	-0.1	0.3	-0.4	-0.9
818	-0.1	0.2	0.2	-0.1	0.9	0.6	-0.1	0.3	-0.4	-0.9
819	-0.1	0.1	0.2	-0.1	0.9	0.7	0.0	0.5	-0.4	-0.9
820	-0.1	0.2	0.2	-0.1	0.9	0.6	0.0	0.4	-0.3	-0.8
821	-0.1	0.1	0.2	-0.1	0.9	0.6	0.0	0.4	-0.3	-0.8
822	-0.2	0.1	0.2	-0.1	0.9	0.7	0.0	0.4	-0.3	-0.8
823	-0.2	0.1	0.2	-0.1	1.0	0.7	0.0	0.4	-0.4	-0.9
824	-0.2	0.1	0.2	-0.1	1.0	0.6	0.0	0.3	-0.3	-0.8
825	-0.2	0.1	0.2	-0.1	0.9	0.6	0.0	0.3	-0.3	-0.8
826	-0.2	0.1	0.2	-0.1	0.9	0.7	0.0	0.5	-0.3	-0.8
827	-0.3	0.1	0.1	-0.1	0.8	0.6	0.0	0.4	-0.3	-0.7
828	-0.3	0.1	0.1	-0.1	1.1	0.6	0.0	0.1	-0.3	-0.6
829	-0.3	0.1	0.1	-0.1	1.2	0.6	0.0	0.0	-0.4	-0.6
830	-0.4	0.1	0.1	-0.1	1.2	0.7	0.0	0.2	-0.4	-0.8
831	-0.4	0.0	0.1	-0.1	1.1	0.7	0.0	0.3	-0.4	-0.8
832	-0.4	0.0	0.1	-0.1	1.0	0.6	0.0	0.3	-0.3	-0.8
833	-0.3	0.0	0.1	-0.1	0.9	0.6	0.0	0.4	-0.3	-0.8
834	-0.3	0.0	0.1	-0.1	0.9	0.6	0.0	0.4	-0.3	-0.8
835	-0.3	0.1	0.1	-0.1	1.1	0.6	0.0	0.3	-0.4	-0.8
836	-0.2	0.1	0.1	-0.1	1.1	0.6	0.0	0.1	-0.4	-0.8
837	-0.2	0.2	0.1	-0.1	1.1	0.5	0.0	0.0	-0.4	-0.8
838	-0.2	0.2	0.1	-0.1	1.2	0.6	0.0	-0.1	-0.5	-0.8
839	-0.3	0.2	0.1	-0.1	1.2	0.6	0.0	0.0	-0.5	-0.8
840	-0.3	0.1	0.0	-0.2	1.0	0.4	-0.1	-0.1	-0.5	-0.8

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
785	540204.8	3117162.2	540203.1	3117161.8	540224.5	3117165.9	540230.0	3117167.0	540210.2	3117163.2
786	540216.0	3117113.4	540212.5	3117112.7	540237.5	3117117.5	540239.0	3117117.8	540222.4	3117114.6
787	540228.1	3117064.8	540220.0	3117063.2	540249.3	3117068.9	540251.1	3117069.2	540234.1	3117066.0
788	540240.5	3117016.3	540225.8	3117013.4	540259.3	3117019.9	540260.8	3117020.2	540246.0	3117017.3
789	540252.9	3116967.7	540237.0	3116964.7	540265.0	3116970.1	540271.7	3116971.4	540255.7	3116968.3
790	540262.4	3116918.7	540250.9	3116916.4	540271.3	3116920.4	540282.7	3116922.6	540270.5	3116920.2
791	540271.6	3116869.5	540261.3	3116867.5	540278.1	3116870.7	540291.8	3116873.4	540275.4	3116870.2
792	540282.2	3116820.6	540274.6	3116819.2	540290.1	3116822.2	540302.5	3116824.5	540284.8	3116821.1
793	540292.7	3116771.7	540289.9	3116771.2	540302.3	3116773.6	540312.0	3116775.4	540296.6	3116772.5
794	540305.2	3116723.2	540300.5	3116722.3	540313.3	3116724.8	540322.9	3116726.6	540308.4	3116723.8
795	540317.7	3116674.7	540311.8	3116673.6	540326.7	3116676.4	540331.3	3116677.3	540320.2	3116675.2
796	540330.8	3116626.3	540324.1	3116625.0	540340.9	3116628.3	540343.7	3116628.8	540332.0	3116626.5
797	540343.9	3116577.9	540336.4	3116576.5	540352.7	3116579.6	540355.1	3116580.1	540343.8	3116577.9
798	540356.1	3116529.4	540348.7	3116527.9	540367.1	3116531.5	540368.7	3116531.8	540355.6	3116529.3
799	540368.4	3116480.8	540359.4	3116479.1	540380.2	3116483.1	540380.6	3116483.1	540367.5	3116480.6
800	540377.8	3116431.7	540369.3	3116430.0	540392.9	3116434.6	540393.1	3116434.6	540379.8	3116432.1
801	540387.1	3116382.6	540380.3	3116381.2	540405.5	3116386.1	540408.4	3116386.7	540391.0	3116383.3
802	540401.2	3116334.3	540391.7	3116332.5	540418.1	3116337.6	540419.4	3116337.9	540403.2	3116334.7
803	540415.8	3116286.2	540403.3	3116283.8	540430.4	3116289.1	540429.8	3116288.9	540414.3	3116286.0
804	540428.0	3116237.7	540415.1	3116235.2	540442.7	3116240.5	540439.9	3116240.0	540427.8	3116237.6
805	540439.8	3116189.0	540427.8	3116186.7	540454.5	3116191.9	540454.5	3116191.9	540438.8	3116188.8
806	540450.0	3116140.1	540440.6	3116138.3	540464.9	3116143.0	540469.2	3116143.8	540448.8	3116139.9
807	540460.7	3116091.2	540453.4	3116089.8	540475.9	3116094.2	540480.1	3116095.0	540459.2	3116090.9
808	540473.6	3116042.8	540466.1	3116041.3	540489.2	3116045.8	540493.9	3116046.7	540470.4	3116042.2
809	540485.7	3115994.2	540478.9	3115992.9	540502.2	3115997.4	540505.4	3115998.0	540482.0	3115993.5
810	540494.9	3115945.1	540491.7	3115944.4	540510.9	3115948.1	540514.2	3115948.8	540495.2	3115945.1
811	540505.0	3115896.1	540504.5	3115896.0	540520.6	3115899.1	540524.7	3115899.9	540504.9	3115896.1
812	540517.3	3115847.5	540517.3	3115847.5	540529.7	3115849.9	540532.8	3115850.5	540512.8	3115846.7
813	540529.5	3115799.0	540529.0	3115798.9	540540.7	3115801.1	540546.7	3115802.3	540524.0	3115797.9
814	540543.0	3115750.6	540539.0	3115749.9	540553.1	3115752.6	540564.5	3115754.8	540535.6	3115749.2
815	540556.6	3115702.3	540551.0	3115701.3	540565.5	3115704.1	540574.6	3115705.8	540546.5	3115700.4
816	540570.1	3115654.0	540563.5	3115652.8	540579.0	3115655.7	540584.3	3115656.7	540557.6	3115651.6
817	540581.0	3115605.2	540575.4	3115604.1	540591.5	3115607.2	540597.9	3115608.5	540568.9	3115602.9
818	540591.3	3115556.3	540585.5	3115555.1	540602.9	3115558.5	540610.1	3115559.9	540580.5	3115554.2
819	540602.5	3115507.5	540595.5	3115506.1	540612.5	3115509.4	540622.2	3115511.3	540593.6	3115505.8
820	540614.3	3115458.8	540607.5	3115457.5	540624.7	3115460.9	540632.6	3115462.4	540606.1	3115457.3
821	540626.6	3115410.3	540619.5	3115408.9	540636.8	3115412.3	540644.4	3115413.7	540618.6	3115408.8
822	540638.9	3115361.8	540630.1	3115360.1	540648.3	3115363.6	540657.2	3115365.3	540630.3	3115360.1
823	540651.4	3115313.3	540641.1	3115311.3	540661.2	3115315.1	540669.3	3115316.7	540641.8	3115311.4
824	540663.9	3115264.7	540653.1	3115262.6	540671.9	3115266.3	540678.6	3115267.6	540653.6	3115262.7
825	540675.7	3115216.1	540664.9	3115214.0	540683.3	3115217.6	540690.2	3115218.9	540665.4	3115214.1
826	540688.1	3115167.6	540676.2	3115165.3	540694.1	3115168.7	540703.8	3115170.6	540677.9	3115165.6
827	540700.6	3115119.0	540687.5	3115116.5	540704.1	3115119.7	540711.6	3115121.2	540688.8	3115116.8
828	540712.2	3115070.4	540698.1	3115067.7	540719.6	3115071.8	540721.2	3115072.1	540701.2	3115068.2
829	540725.6	3115022.0	540708.7	3115018.8	540732.0	3115023.2	540732.7	3115023.4	540712.2	3115019.4
830	540739.1	3114973.7	540719.0	3114969.8	540742.6	3114974.4	540746.2	3114975.1	540722.0	3114970.4
831	540749.6	3114924.8	540729.3	3114920.9	540751.4	3114925.2	540758.2	3114926.5	540732.4	3114921.5
832	540758.7	3114875.6	540740.4	3114872.1	540759.7	3114875.8	540766.1	3114877.1	540741.5	3114872.3
833	540768.5	3114826.6	540752.3	3114823.5	540769.6	3114826.8	540777.7	3114828.4	540753.9	3114823.8
834	540779.1	3114777.7	540763.9	3114774.8	540781.8	3114778.2	540790.1	3114779.8	540764.6	3114774.9
835	540789.0	3114728.7	540775.3	3114726.1	540795.9	3114730.1	540801.3	3114731.1	540774.3	3114725.9
836	540798.4	3114679.6	540786.8	3114677.4	540808.2	3114681.5	540811.3	3114682.1	540786.3	3114677.3
837	540808.7	3114630.7	540798.5	3114628.7	540820.7	3114633.0	540820.9	3114633.0	540797.0	3114628.4
838	540819.4	3114581.8	540810.0	3114580.0	540833.7	3114584.6	540832.6	3114584.4	540808.4	3114579.7
839	540834.2	3114533.7	540821.6	3114531.3	540844.7	3114535.8	540845.4	3114535.9	540819.3	3114530.9
840	540850.5	3114486.0	540835.0	3114483.0	540855.3	3114486.9	540852.4	3114486.3	540828.3	3114481.7

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
841	-0.2	0.2	0.1	-0.2	1.2	0.4	-0.1	-0.3	-0.6	-0.8
842	-0.1	0.2	0.1	-0.1	0.9	0.3	-0.2	-0.2	-0.5	-0.8
843	-0.1	0.1	0.1	-0.1	0.5	0.3	-0.2	0.1	-0.5	-0.8
844	-0.1	0.1	0.1	-0.1	0.4	0.4	-0.2	0.3	-0.4	-0.9
845	-0.1	0.1	0.1	-0.1	0.5	0.4	-0.2	0.3	-0.4	-0.9
846	-0.2	0.1	0.1	-0.2	0.6	0.5	-0.2	0.3	-0.5	-1.0
847	-0.2	0.1	0.1	-0.2	0.7	0.4	-0.2	0.2	-0.5	-1.0
848	-0.2	0.1	0.1	-0.2	0.8	0.4	-0.2	0.0	-0.6	-1.0
849	-0.2	0.1	0.0	-0.2	0.8	0.3	-0.2	-0.1	-0.6	-0.9
850	-0.2	0.1	0.0	-0.2	0.8	0.3	-0.2	-0.2	-0.6	-0.9
851	-0.2	0.1	0.0	-0.2	0.9	0.3	-0.2	-0.2	-0.7	-1.0
852	-0.2	0.1	0.1	-0.2	0.9	0.4	-0.3	-0.1	-0.7	-1.1
853	-0.2	0.1	0.1	-0.2	0.8	0.4	-0.3	0.1	-0.6	-1.2
854	-0.1	0.1	0.1	-0.2	0.6	0.4	-0.3	0.1	-0.6	-1.1
855	-0.1	0.1	0.1	-0.2	0.6	0.3	-0.3	-0.1	-0.6	-1.0
856	-0.1	0.2	0.1	-0.2	0.7	0.2	-0.3	-0.3	-0.6	-0.8
857	-0.1	0.2	0.0	-0.2	0.8	0.1	-0.2	-0.5	-0.6	-0.7
858	-0.1	0.1	0.0	-0.2	0.8	0.1	-0.2	-0.5	-0.6	-0.7
859	-0.2	0.1	-0.1	-0.2	0.8	0.0	-0.2	-0.8	-0.6	-0.5
860	-0.2	0.1	-0.1	-0.2	0.7	0.0	-0.2	-0.7	-0.6	-0.5
861	-0.2	0.0	-0.1	-0.2	0.6	0.0	-0.2	-0.5	-0.5	-0.6
862	-0.2	0.0	-0.1	-0.2	0.7	0.0	-0.3	-0.6	-0.6	-0.6
863	-0.2	0.0	-0.1	-0.2	0.6	0.0	-0.3	-0.5	-0.6	-0.6
864	-0.1	0.1	-0.1	-0.2	0.5	0.0	-0.3	-0.4	-0.6	-0.7
865	-0.1	0.1	0.0	-0.2	0.5	0.0	-0.3	-0.5	-0.6	-0.6
866	0.0	0.1	0.0	-0.2	0.5	0.0	-0.3	-0.6	-0.6	-0.6
867	0.0	0.1	0.0	-0.2	0.6	0.0	-0.3	-0.5	-0.6	-0.6
868	0.0	0.2	0.0	-0.2	0.6	0.0	-0.3	-0.5	-0.6	-0.6
869	0.0	0.2	0.0	-0.2	0.6	0.0	-0.3	-0.6	-0.6	-0.6
870	0.0	0.2	0.0	-0.1	0.6	0.1	-0.2	-0.5	-0.5	-0.6
871	0.0	0.2	0.1	-0.1	0.6	0.1	-0.2	-0.3	-0.5	-0.7
872	0.0	0.2	0.1	-0.1	0.6	0.2	-0.2	-0.2	-0.5	-0.7
873	0.0	0.2	0.1	-0.1	0.6	0.2	-0.2	-0.1	-0.5	-0.8
874	-0.1	0.2	0.1	-0.1	0.7	0.3	-0.2	0.0	-0.5	-0.9
875	-0.1	0.2	0.1	-0.2	0.9	0.3	-0.2	-0.2	-0.6	-0.8
876	-0.1	0.2	0.0	-0.2	1.0	0.3	-0.2	-0.4	-0.6	-0.7
877	-0.1	0.2	0.0	-0.2	1.0	0.3	-0.2	-0.4	-0.6	-0.7
878	-0.2	0.2	0.0	-0.2	1.0	0.3	-0.1	-0.4	-0.6	-0.7
879	-0.2	0.2	0.0	-0.2	1.1	0.3	-0.1	-0.4	-0.6	-0.8
880	-0.2	0.2	0.0	-0.2	1.2	0.3	-0.1	-0.5	-0.6	-0.7
881	-0.2	0.1	0.0	-0.2	1.1	0.3	-0.2	-0.5	-0.6	-0.7
882	-0.2	0.1	0.0	-0.2	1.0	0.2	-0.2	-0.5	-0.6	-0.6
883	-0.2	0.1	-0.1	-0.2	0.9	0.1	-0.2	-0.7	-0.6	-0.6
884	-0.2	0.1	-0.1	-0.2	0.9	0.0	-0.2	-0.7	-0.6	-0.5
885	-0.1	0.1	-0.1	-0.2	0.6	0.0	-0.2	-0.6	-0.5	-0.5
886	-0.1	0.1	-0.1	-0.2	0.4	-0.1	-0.2	-0.6	-0.5	-0.4
887	-0.1	0.1	-0.1	-0.2	0.4	-0.1	-0.2	-0.6	-0.5	-0.4
888	0.0	0.1	0.0	-0.2	0.4	-0.1	-0.3	-0.5	-0.5	-0.5
889	0.0	0.1	0.0	-0.2	0.4	-0.1	-0.3	-0.4	-0.5	-0.6
890	0.0	0.1	0.0	-0.2	0.4	-0.1	-0.3	-0.5	-0.6	-0.6
891	0.0	0.1	-0.1	-0.2	0.6	-0.1	-0.3	-0.7	-0.6	-0.6
892	0.0	0.1	-0.1	-0.2	0.5	-0.2	-0.3	-0.8	-0.6	-0.5
893	0.0	0.1	-0.2	-0.2	0.3	-0.4	-0.4	-1.0	-0.6	-0.4
894	0.0	0.1	-0.2	-0.2	0.2	-0.5	-0.4	-1.2	-0.6	-0.2
895	0.0	0.1	-0.3	-0.3	0.2	-0.6	-0.4	-1.3	-0.7	-0.2
896	0.0	0.1	-0.2	-0.2	0.3	-0.5	-0.4	-1.2	-0.6	-0.3

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
841	540859.5	3114436.8	540848.5	3114434.7	540871.1	3114439.0	540865.1	3114437.9	540839.7	3114433.0
842	540868.2	3114387.5	540861.8	3114386.3	540878.7	3114389.6	540875.4	3114388.9	540850.3	3114384.1
843	540878.7	3114338.6	540875.2	3114338.0	540884.8	3114339.8	540886.1	3114340.1	540860.8	3114335.2
844	540892.7	3114275.0	540888.8	3114273.4	540897.1	3114276.8	540903.3	3114279.3	540876.8	3114268.6
845	540905.5	3114226.3	540899.1	3114223.7	540909.3	3114227.8	540914.8	3114230.0	540888.5	3114219.4
846	540919.0	3114177.8	540911.3	3114174.7	540922.5	3114179.2	540929.0	3114181.8	540898.6	3114169.6
847	540931.5	3114128.9	540922.6	3114125.3	540935.3	3114130.4	540939.5	3114132.1	540908.9	3114119.8
848	540943.8	3114080.0	540933.1	3114075.6	540948.1	3114081.7	540948.7	3114081.9	540920.1	3114070.4
849	540956.1	3114031.0	540946.2	3114027.0	540960.9	3114032.9	540959.5	3114032.4	540931.9	3114021.2
850	540968.0	3113981.9	540958.2	3113977.9	540973.8	3113984.2	540970.1	3113982.7	540943.3	3113971.9
851	540978.0	3113932.0	540969.8	3113928.7	540986.7	3113935.5	540981.9	3113933.6	540953.1	3113921.9
852	540988.0	3113882.1	540979.8	3113878.8	540997.0	3113885.7	540995.1	3113885.0	540962.6	3113871.8
853	540998.0	3113832.2	540990.8	3113829.3	541004.8	3113835.0	541007.3	3113836.0	540972.5	3113821.9
854	541008.0	3113782.3	541002.7	3113780.2	541013.4	3113784.5	541016.3	3113785.7	540983.9	3113772.6
855	541018.0	3113732.5	541015.2	3113731.3	541026.4	3113735.8	541025.0	3113735.3	540996.4	3113723.7
856	541030.6	3113683.6	541028.1	3113682.6	541040.9	3113687.8	541034.9	3113685.3	541009.7	3113675.2
857	541043.6	3113634.9	541039.2	3113633.2	541053.5	3113638.9	541044.4	3113635.3	541022.7	3113626.5
858	541056.5	3113586.2	541050.1	3113583.6	541064.8	3113589.6	541055.1	3113585.7	541034.4	3113577.3
859	541069.4	3113537.5	541061.4	3113534.3	541076.1	3113540.2	541060.6	3113534.0	541046.4	3113528.2
860	541082.3	3113488.8	541073.1	3113485.1	541086.2	3113490.4	541072.8	3113485.0	541057.7	3113478.8
861	541095.2	3113440.1	541085.8	3113436.3	541096.1	3113440.4	541086.9	3113436.7	541068.8	3113429.4
862	541108.1	3113391.4	541098.6	3113387.5	541110.9	3113392.5	541099.0	3113387.7	541080.7	3113380.3
863	541120.4	3113342.4	541111.7	3113338.9	541123.1	3113343.5	541112.5	3113339.2	541093.7	3113331.6
864	541130.6	3113292.6	541125.0	3113290.3	541134.8	3113294.3	541126.2	3113290.8	541105.9	3113282.6
865	541140.8	3113242.8	541137.8	3113241.6	541146.8	3113245.2	541137.2	3113241.4	541118.6	3113233.8
866	541151.3	3113193.1	541149.1	3113192.2	541159.0	3113196.2	541147.5	3113191.6	541130.2	3113184.6
867	541162.3	3113143.6	541160.3	3113142.8	541170.8	3113147.1	541160.2	3113142.8	541142.1	3113135.5
868	541172.8	3113093.9	541171.3	3113093.3	541182.7	3113097.9	541172.5	3113093.8	541153.6	3113086.2
869	541182.9	3113044.1	541182.2	3113043.8	541194.3	3113048.7	541182.7	3113044.0	541164.6	3113036.7
870	541193.0	3112994.3	541193.3	3112994.4	541204.6	3112998.9	541195.5	3112995.3	541177.2	3112987.9
871	541204.3	3112944.9	541204.5	3112945.0	541215.0	3112949.2	541209.0	3112946.8	541188.8	3112938.6
872	541216.3	3112895.8	541215.6	3112895.5	541226.3	3112899.8	541222.9	3112898.5	541200.5	3112889.4
873	541228.3	3112846.7	541226.6	3112846.0	541238.2	3112850.7	541235.8	3112849.8	541211.7	3112840.0
874	541240.4	3112797.7	541237.5	3112796.5	541250.8	3112801.9	541249.9	3112801.5	541223.8	3112791.0
875	541253.1	3112748.9	541248.2	3112746.9	541264.2	3112753.4	541259.9	3112751.6	541235.8	3112741.9
876	541265.9	3112700.1	541259.4	3112697.5	541277.2	3112704.7	541269.1	3112701.4	541247.5	3112692.7
877	541278.6	3112651.4	541271.7	3112648.6	541289.4	3112655.7	541281.7	3112652.6	541261.3	3112644.4
878	541290.0	3112602.1	541280.5	3112598.2	541299.9	3112606.1	541291.6	3112602.7	541270.6	3112594.2
879	541301.2	3112552.6	541292.1	3112548.9	541312.2	3112557.1	541304.7	3112554.1	541282.2	3112545.0
880	541312.8	3112503.4	541301.7	3112498.9	541324.3	3112508.0	541314.4	3112504.0	541293.5	3112495.6
881	541325.7	3112454.7	541314.5	3112450.1	541334.6	3112458.3	541325.1	3112454.4	541303.8	3112445.8
882	541338.6	3112405.9	541327.4	3112401.5	541345.5	3112408.8	541334.8	3112404.4	541315.3	3112396.6
883	541350.0	3112356.6	541340.1	3112352.7	541357.0	3112359.5	541343.2	3112353.9	541326.7	3112347.2
884	541361.3	3112307.3	541352.9	3112303.9	541368.9	3112310.3	541354.4	3112304.5	541339.4	3112298.4
885	541372.6	3112257.9	541367.0	3112255.6	541378.4	3112260.3	541366.1	3112255.3	541351.7	3112249.5
886	541383.6	3112208.4	541379.7	3112206.8	541387.7	3112210.1	541374.8	3112204.9	541363.8	3112200.4
887	541394.3	3112158.8	541391.2	3112157.6	541399.1	3112160.8	541387.6	3112156.1	541375.1	3112151.1
888	541405.0	3112109.2	541403.7	3112108.7	541410.9	3112111.6	541401.1	3112107.6	541386.2	3112101.6
889	541416.1	3112059.8	541417.1	3112060.2	541423.6	3112062.8	541414.9	3112059.3	541397.2	3112052.1
890	541429.7	3112011.4	541429.8	3112011.4	541438.0	3112014.7	541427.0	3112010.2	541407.8	3112002.5
891	541443.3	3111962.9	541442.3	3111962.5	541452.5	3111966.7	541437.6	3111960.6	541420.0	3111953.5
892	541456.9	3111914.5	541455.6	3111914.0	541464.5	3111917.6	541447.8	3111910.8	541432.2	3111904.5
893	541469.9	3111865.8	541468.9	3111865.4	541474.8	3111867.8	541454.8	3111859.7	541443.6	3111855.2
894	541482.8	3111817.1	541481.7	3111816.7	541486.2	3111818.5	541462.1	3111808.7	541454.9	3111805.8
895	541495.3	3111768.2	541494.5	3111767.9	541499.0	3111769.7	541473.1	3111759.2	541466.2	3111756.5
896	541505.9	3111718.6	541505.9	3111718.6	541511.4	3111720.8	541488.1	3111711.4	541478.9	3111707.7

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
897	0.0	0.1	-0.2	-0.2	0.3	-0.4	-0.4	-1.1	-0.6	-0.3
898	0.0	0.1	-0.2	-0.2	0.3	-0.5	-0.4	-1.3	-0.6	-0.2
899	0.0	0.1	-0.2	-0.2	0.3	-0.6	-0.4	-1.4	-0.7	-0.2
900	0.1	0.1	-0.2	-0.2	0.4	-0.6	-0.4	-1.4	-0.7	-0.1
901	0.1	0.2	-0.1	-0.2	0.3	-0.4	-0.4	-1.0	-0.6	-0.3
902	0.1	0.2	-0.1	-0.2	0.5	-0.3	-0.3	-1.0	-0.6	-0.3
903	0.1	0.2	-0.1	-0.2	0.5	-0.3	-0.3	-1.0	-0.7	-0.4
904	0.1	0.2	-0.1	-0.2	0.6	-0.2	-0.4	-1.0	-0.7	-0.6
905	0.1	0.2	-0.1	-0.2	0.4	-0.2	-0.4	-0.9	-0.7	-0.6
906	0.1	0.1	-0.1	-0.2	0.3	-0.3	-0.4	-0.8	-0.7	-0.6
907	0.1	0.1	-0.1	-0.2	0.2	-0.4	-0.4	-0.9	-0.7	-0.5
908	0.1	0.1	-0.1	-0.2	0.2	-0.3	-0.4	-0.8	-0.7	-0.6
909	0.2	0.2	0.0	-0.2	0.2	-0.3	-0.4	-0.8	-0.7	-0.6
910	0.3	0.3	0.0	-0.2	0.2	-0.4	-0.4	-0.9	-0.7	-0.6
911	0.3	0.2	0.0	-0.2	0.2	-0.4	-0.5	-0.9	-0.7	-0.6
912	0.2	0.2	-0.1	-0.2	0.1	-0.4	-0.4	-0.9	-0.7	-0.5
913	0.2	0.2	-0.1	-0.2	0.1	-0.3	-0.4	-0.8	-0.6	-0.5
914	0.2	0.1	-0.1	-0.2	-0.2	-0.4	-0.5	-0.6	-0.5	-0.5
915	0.2	0.1	-0.1	-0.2	-0.1	-0.4	-0.4	-0.7	-0.6	-0.5
916	0.1	0.2	-0.1	-0.2	0.3	-0.3	-0.4	-0.8	-0.6	-0.5
917	0.1	0.2	-0.1	-0.2	0.3	-0.3	-0.4	-0.8	-0.6	-0.5
918	0.1	0.1	-0.1	-0.2	0.3	-0.2	-0.3	-0.7	-0.6	-0.5
919	0.1	0.1	-0.1	-0.2	0.3	-0.3	-0.4	-0.8	-0.6	-0.5
920	0.1	0.1	-0.1	-0.2	0.3	-0.3	-0.4	-0.9	-0.6	-0.4
921	0.0	0.1	-0.1	-0.2	0.4	-0.3	-0.4	-1.0	-0.6	-0.4
922	0.0	0.1	-0.1	-0.2	0.4	-0.3	-0.4	-0.9	-0.7	-0.5
923	0.0	0.1	-0.1	-0.2	0.5	-0.3	-0.4	-1.0	-0.7	-0.4
924	0.0	0.2	-0.1	-0.2	0.7	-0.2	-0.3	-1.0	-0.7	-0.5
925	-0.1	0.2	-0.1	-0.2	0.8	-0.1	-0.3	-0.9	-0.7	-0.5
926	-0.1	0.1	-0.1	-0.2	0.8	-0.1	-0.2	-0.9	-0.6	-0.4
927	-0.1	0.1	-0.1	-0.2	0.6	-0.1	-0.2	-0.8	-0.6	-0.4
928	-0.1	0.1	-0.1	-0.2	0.5	-0.1	-0.2	-0.6	-0.5	-0.5
929	0.0	0.1	-0.1	-0.2	0.5	-0.1	-0.3	-0.8	-0.6	-0.4
930	0.0	0.1	-0.2	-0.2	0.3	-0.3	-0.3	-0.9	-0.5	-0.3
931	-0.2	0.0	-0.1	-0.2	0.4	-0.1	-0.2	-0.6	-0.5	-0.4
932	-0.3	-0.1	-0.2	-0.2	0.5	-0.1	-0.2	-0.6	-0.5	-0.4
933	-0.2	0.0	-0.2	-0.2	0.4	-0.1	-0.2	-0.6	-0.5	-0.4
934	-0.2	0.0	-0.2	-0.2	0.4	-0.2	-0.2	-0.6	-0.5	-0.3
935	-0.1	0.0	-0.1	-0.2	0.4	-0.2	-0.2	-0.7	-0.5	-0.3
936	-0.1	0.1	-0.1	-0.2	0.4	-0.2	-0.2	-0.7	-0.5	-0.3
937	-0.1	0.1	-0.1	-0.2	0.5	-0.2	-0.2	-0.8	-0.5	-0.3
938	-0.1	0.1	-0.1	-0.1	0.5	-0.2	-0.2	-0.8	-0.5	-0.3
939	-0.1	0.1	-0.1	-0.1	0.5	-0.1	-0.2	-0.7	-0.4	-0.3
940	0.0	0.1	-0.1	-0.1	0.6	-0.1	-0.2	-0.7	-0.5	-0.3
941	0.0	0.2	0.0	-0.1	0.9	-0.1	-0.2	-1.0	-0.5	-0.3
942	0.0	0.2	-0.1	-0.1	0.9	-0.1	-0.1	-1.0	-0.5	-0.2
943	-0.1	0.2	-0.1	-0.1	1.1	0.0	-0.1	-1.1	-0.6	-0.2
944	-0.2	0.2	-0.1	-0.1	1.1	0.0	-0.1	-1.0	-0.5	-0.2
945	-0.2	0.2	0.0	-0.1	1.2	0.1	-0.1	-0.9	-0.6	-0.3
946	-0.2	0.2	0.0	-0.1	1.1	0.2	-0.1	-0.6	-0.5	-0.4
947	-0.1	0.2	0.0	-0.1	1.0	0.2	-0.1	-0.6	-0.5	-0.4
948	-0.2	0.2	0.0	-0.1	1.2	0.2	-0.1	-0.7	-0.5	-0.4
949	-0.2	0.2	-0.1	-0.1	1.3	0.1	0.0	-1.1	-0.5	-0.2
950	-0.3	0.2	-0.1	-0.1	1.4	0.1	0.0	-1.2	-0.5	-0.1
951	-0.3	0.2	-0.1	-0.1	1.4	0.2	0.0	-1.0	-0.5	-0.2
952	-0.3	0.2	0.0	-0.1	1.4	0.2	0.0	-0.9	-0.6	-0.3

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
897	541516.6	3111669.0	541517.2	3111669.2	541522.8	3111671.5	541500.2	3111662.3	541491.3	3111658.8
898	541528.3	3111619.8	541529.6	3111620.3	541535.1	3111622.5	541508.8	3111611.9	541502.6	3111609.4
899	541540.1	3111570.6	541541.7	3111571.3	541547.8	3111573.7	541519.7	3111562.4	541514.1	3111560.1
900	541550.9	3111521.0	541553.4	3111522.1	541560.2	3111524.8	541531.6	3111513.3	541527.4	3111511.6
901	541561.1	3111471.3	541564.9	3111472.8	541571.1	3111475.3	541550.1	3111466.8	541540.1	3111462.8
902	541573.1	3111422.2	541576.7	3111423.6	541585.1	3111427.0	541564.0	3111418.5	541553.8	3111414.4
903	541586.1	3111373.5	541589.4	3111374.8	541598.9	3111378.7	541578.5	3111370.4	541565.6	3111365.2
904	541599.3	3111324.9	541602.3	3111326.1	541612.5	3111330.2	541592.9	3111322.3	541576.0	3111315.5
905	541612.5	3111276.3	541615.6	3111277.5	541623.6	3111280.8	541606.0	3111273.7	541586.7	3111265.9
906	541625.5	3111227.6	541628.9	3111229.0	541634.3	3111231.2	541617.7	3111224.5	541600.2	3111217.4
907	541638.4	3111178.9	541642.4	3111180.5	541646.9	3111182.4	541628.0	3111174.7	541612.5	3111168.4
908	541649.6	3111129.5	541654.6	3111131.5	541658.6	3111133.2	541642.6	3111126.7	541624.9	3111119.5
909	541658.1	3111079.0	541666.6	3111082.5	541670.1	3111083.9	541654.2	3111077.4	541637.3	3111070.6
910	541667.5	3111028.9	541680.0	3111034.0	541684.4	3111035.7	541666.4	3111028.4	541649.7	3111021.7
911	541681.5	3110980.6	541693.5	3110985.5	541697.1	3110986.9	541679.0	3110979.6	541662.3	3110972.9
912	541695.4	3110932.3	541705.1	3110936.2	541707.3	3110937.1	541688.9	3110929.7	541674.3	3110923.8
913	541708.9	3110883.8	541717.5	3110887.3	541719.7	3110888.2	541704.4	3110882.0	541688.8	3110875.7
914	541721.6	3110835.1	541732.5	3110839.4	541728.7	3110837.9	541717.4	3110833.3	541701.2	3110826.8
915	541734.4	3110786.3	541744.0	3110790.2	541742.3	3110789.5	541728.8	3110784.0	541714.0	3110778.1
916	541747.5	3110737.6	541753.6	3110740.1	541758.5	3110742.1	541742.5	3110735.7	541728.3	3110729.9
917	541760.7	3110689.1	541765.5	3110691.0	541771.5	3110693.4	541754.8	3110686.7	541741.1	3110681.1
918	541774.0	3110640.5	541777.5	3110641.9	541783.6	3110644.4	541769.4	3110638.7	541753.7	3110632.3
919	541787.3	3110592.0	541790.8	3110593.4	541796.3	3110595.6	541780.9	3110589.4	541766.6	3110583.6
920	541800.7	3110543.4	541803.5	3110544.6	541809.5	3110547.0	541791.6	3110539.8	541778.9	3110534.6
921	541814.0	3110494.9	541815.4	3110495.5	541822.9	3110498.5	541803.5	3110490.6	541790.6	3110485.4
922	541826.7	3110446.1	541827.8	3110446.6	541835.7	3110449.7	541817.8	3110442.5	541802.1	3110436.2
923	541838.7	3110397.0	541839.0	3110397.1	541847.7	3110400.7	541827.1	3110392.3	541813.8	3110387.0
924	541850.7	3110347.9	541849.0	3110347.3	541861.1	3110352.2	541840.4	3110343.8	541826.7	3110338.3
925	541862.9	3110298.9	541858.5	3110297.2	541874.0	3110303.4	541855.3	3110295.9	541840.4	3110289.8
926	541876.1	3110250.3	541870.8	3110248.2	541885.7	3110254.2	541868.2	3110247.2	541855.3	3110241.9
927	541889.3	3110201.8	541884.5	3110199.8	541896.3	3110204.6	541881.0	3110198.4	541868.2	3110193.2
928	541902.5	3110153.2	541898.6	3110151.6	541907.9	3110155.3	541895.3	3110150.3	541881.6	3110144.7
929	541915.7	3110104.6	541913.8	3110103.8	541923.5	3110107.7	541908.0	3110101.5	541895.0	3110096.2
930	541930.3	3110056.6	541928.5	3110055.8	541934.9	3110058.4	541917.5	3110051.4	541908.8	3110047.9
931	541947.3	3110009.5	541939.7	3110006.4	541947.7	3110009.6	541935.0	3110004.5	541922.9	3109999.6
932	541964.1	3109962.4	541952.0	3109957.5	541960.4	3109960.8	541947.6	3109955.7	541936.0	3109951.0
933	541975.4	3109913.0	541965.4	3109908.9	541972.9	3109912.0	541961.4	3109907.3	541949.0	3109902.3
934	541986.6	3109863.6	541978.6	3109860.4	541985.4	3109863.1	541972.5	3109857.9	541962.4	3109853.8
935	541997.8	3109814.2	541991.9	3109811.8	541999.1	3109814.7	541985.2	3109809.1	541976.1	3109805.4
936	542009.5	3109765.0	542005.2	3109763.2	542013.4	3109766.5	541999.0	3109760.7	541988.8	3109756.6
937	542021.4	3109715.8	542018.2	3109714.6	542027.1	3109718.2	542011.7	3109711.9	542002.0	3109708.0
938	542033.3	3109666.8	542030.6	3109665.6	542040.5	3109669.7	542024.4	3109663.1	542016.4	3109659.9
939	542045.6	3109617.8	542042.7	3109616.6	542052.7	3109620.7	542038.7	3109615.0	542030.9	3109611.8
940	542057.9	3109568.8	542055.6	3109567.9	542067.1	3109572.5	542052.9	3109566.8	542044.3	3109563.3
941	542070.2	3109519.9	542068.9	3109519.4	542085.6	3109526.1	542066.2	3109518.3	542058.3	3109515.1
942	542084.1	3109471.6	542081.8	3109470.6	542099.2	3109477.7	542078.1	3109469.1	542071.7	3109466.6
943	542098.6	3109423.5	542093.1	3109421.3	542113.7	3109429.6	542091.6	3109420.7	542085.3	3109418.1
944	542112.3	3109375.1	542105.3	3109372.3	542126.0	3109380.6	542106.3	3109372.7	542099.3	3109369.8
945	542125.3	3109326.4	542118.0	3109323.5	542140.7	3109332.6	542122.0	3109325.1	542112.7	3109321.3
946	542138.5	3109277.8	542131.4	3109275.0	542150.9	3109282.8	542138.1	3109277.7	542126.8	3109273.1
947	542152.0	3109229.4	542145.7	3109226.8	542163.9	3109234.2	542152.4	3109229.5	542139.8	3109224.4
948	542165.6	3109180.9	542157.6	3109177.7	542179.0	3109186.3	542164.3	3109180.4	542153.8	3109176.2
949	542179.8	3109132.7	542169.6	3109128.6	542193.7	3109138.4	542172.5	3109129.8	542167.8	3109127.9
950	542194.1	3109084.6	542182.4	3109079.9	542208.1	3109090.2	542184.5	3109080.7	542182.2	3109079.8
951	542207.7	3109036.2	542195.6	3109031.3	542221.5	3109041.7	542201.6	3109033.7	542195.5	3109031.2
952	542221.0	3108987.6	542208.8	3108982.7	542235.6	3108993.5	542217.4	3108986.1	542207.9	3108982.3

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
953	-0.3	0.2	0.0	-0.1	1.5	0.3	0.0	-0.8	-0.6	-0.4
954	-0.3	0.2	0.0	-0.1	1.4	0.3	0.0	-0.8	-0.5	-0.4
955	-0.3	0.1	0.0	-0.1	1.3	0.3	0.0	-0.6	-0.5	-0.4
956	-0.4	0.1	-0.1	-0.1	1.3	0.3	0.0	-0.6	-0.4	-0.3
957	-0.5	0.0	-0.1	-0.2	1.3	0.3	0.0	-0.6	-0.4	-0.3
958	-0.5	0.0	-0.1	-0.2	1.3	0.3	0.0	-0.7	-0.4	-0.2
959	-0.5	0.0	-0.1	-0.2	1.5	0.3	0.1	-0.7	-0.4	-0.2
960	-0.6	0.0	-0.2	-0.2	1.5	0.3	0.1	-0.8	-0.4	-0.2
961	-0.6	0.1	-0.2	-0.2	1.8	0.4	0.1	-0.9	-0.5	-0.2
962	-0.6	0.1	-0.2	-0.2	1.8	0.4	0.2	-0.8	-0.4	-0.2
963	-0.6	0.0	-0.2	-0.1	1.6	0.4	0.2	-0.8	-0.4	-0.1
964	-0.6	0.0	-0.2	-0.1	1.7	0.4	0.2	-0.8	-0.4	-0.1
965	-0.5	0.1	-0.2	-0.1	1.5	0.3	0.1	-0.9	-0.4	0.0
966	-0.5	0.1	-0.1	-0.1	1.5	0.2	0.1	-0.9	-0.4	-0.1
967	-0.5	0.1	-0.1	-0.1	1.7	0.3	0.2	-1.1	-0.4	0.0
968	-0.5	0.1	-0.1	-0.1	1.8	0.3	0.2	-1.0	-0.4	0.0
969	-0.5	0.1	-0.1	-0.1	1.7	0.3	0.2	-0.9	-0.4	-0.1
970	-0.5	0.1	-0.1	-0.1	1.6	0.3	0.2	-0.9	-0.4	0.0
971	-0.4	0.1	-0.1	-0.1	1.5	0.3	0.2	-0.8	-0.3	0.0
972	-0.4	0.2	-0.1	-0.1	1.6	0.3	0.2	-0.9	-0.4	-0.1
973	-0.3	0.3	0.0	0.0	1.9	0.3	0.1	-1.1	-0.5	-0.1
974	-0.3	0.3	0.0	0.0	1.8	0.4	0.2	-0.8	-0.5	-0.2
975	-0.3	0.2	0.0	0.0	1.5	0.4	0.2	-0.6	-0.3	-0.1
976	-0.2	0.2	0.0	0.0	1.1	0.3	0.1	-0.4	-0.3	-0.2
977	-0.2	0.2	0.0	0.0	1.1	0.3	0.2	-0.3	-0.2	-0.1
978	-0.2	0.2	0.0	0.1	1.1	0.3	0.2	-0.5	-0.1	0.2
979	-0.3	0.2	-0.1	0.1	1.3	0.2	0.3	-0.9	-0.1	0.5
980	-0.2	0.2	-0.1	0.1	1.3	0.2	0.3	-0.9	-0.1	0.5
981	-0.2	0.2	-0.1	0.1	1.2	0.2	0.3	-0.8	0.0	0.5
982	-0.3	0.2	0.0	0.1	1.3	0.3	0.3	-0.7	0.0	0.4
983	-0.3	0.2	0.0	0.1	1.3	0.3	0.4	-0.7	0.0	0.5
984	-0.3	0.2	0.0	0.1	1.5	0.3	0.5	-0.7	0.1	0.6
985	-0.4	0.2	0.0	0.1	1.7	0.4	0.5	-0.8	0.0	0.6
986	-0.4	0.2	0.0	0.2	1.5	0.5	0.5	-0.5	0.2	0.6
987	-0.3	0.1	0.0	0.2	1.3	0.5	0.5	-0.3	0.2	0.6
988	-0.3	0.2	0.0	0.2	1.3	0.4	0.5	-0.5	0.2	0.6
989	-0.3	0.2	0.1	0.2	1.4	0.5	0.5	-0.4	0.2	0.6
990	-0.3	0.2	0.1	0.2	1.6	0.6	0.6	-0.4	0.2	0.7
991	-0.2	0.3	0.1	0.3	1.8	0.6	0.6	-0.5	0.2	0.6
992	-0.3	0.4	0.1	0.3	1.9	0.6	0.6	-0.6	0.1	0.7
993	-0.3	0.3	0.1	0.3	1.9	0.6	0.7	-0.6	0.2	0.8
994	-0.3	0.3	0.1	0.3	1.9	0.7	0.7	-0.5	0.3	0.8
995	-0.3	0.3	0.1	0.3	1.7	0.6	0.7	-0.4	0.3	0.7
996	-0.3	0.3	0.1	0.3	1.6	0.6	0.6	-0.4	0.3	0.7
997	-0.3	0.3	0.1	0.3	1.7	0.7	0.7	-0.3	0.3	0.7
998	-0.5	0.3	0.1	0.3	2.1	0.8	0.8	-0.3	0.3	0.8
999	-0.5	0.3	0.1	0.3	2.5	0.9	0.9	-0.5	0.3	0.8
1000	-0.4	0.3	0.1	0.3	2.1	0.8	0.8	-0.5	0.3	0.8
1001	-0.2	0.3	0.2	0.3	1.6	0.7	0.7	-0.2	0.4	0.8
1002	-0.2	0.3	0.2	0.3	1.4	0.6	0.7	-0.2	0.4	0.8
1003	-0.2	0.2	0.2	0.3	1.4	0.6	0.7	-0.1	0.4	0.8
1004	-0.2	0.3	0.2	0.3	1.5	0.7	0.7	-0.1	0.4	0.7
1005	-0.2	0.2	0.2	0.3	1.3	0.7	0.7	0.2	0.4	0.6
1006	-0.2	0.2	0.2	0.3	1.5	0.7	0.6	0.0	0.3	0.5
1007	-0.4	0.2	0.2	0.3	1.7	0.8	0.7	0.0	0.3	0.5
1008	-0.3	0.2	0.2	0.3	1.5	0.7	0.6	0.0	0.3	0.5

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
953	542234.3	3108939.1	542221.8	3108934.0	542249.3	3108945.1	542232.6	3108938.4	542221.2	3108933.8
954	542248.3	3108890.8	542234.9	3108885.4	542261.3	3108896.0	542244.7	3108889.3	542233.7	3108884.9
955	542263.6	3108843.0	542248.6	3108837.0	542272.4	3108846.6	542259.8	3108841.5	542248.1	3108836.8
956	542278.9	3108795.3	542260.2	3108787.7	542284.2	3108797.4	542271.7	3108792.4	542262.0	3108788.4
957	542293.7	3108747.3	542271.9	3108738.5	542296.8	3108748.6	542284.8	3108743.7	542275.1	3108739.8
958	542308.0	3108699.2	542285.7	3108690.2	542310.0	3108700.0	542296.2	3108694.4	542288.9	3108691.5
959	542322.7	3108651.2	542298.9	3108641.6	542325.8	3108652.5	542310.7	3108646.4	542303.9	3108643.6
960	542337.6	3108603.3	542311.6	3108592.8	542339.4	3108604.0	542324.2	3108597.9	542318.4	3108595.5
961	542352.3	3108555.3	542324.0	3108543.9	542356.4	3108557.0	542338.9	3108549.9	542333.2	3108547.6
962	542366.2	3108507.0	542336.4	3108495.0	542369.6	3108508.4	542352.9	3108501.6	542347.5	3108499.4
963	542380.0	3108458.6	542351.7	3108447.2	542381.8	3108459.4	542365.9	3108453.0	542363.3	3108451.9
964	542393.8	3108410.3	542364.7	3108398.5	542395.8	3108411.1	542379.9	3108404.7	542377.0	3108403.5
965	542407.5	3108361.9	542383.0	3108352.0	542411.1	3108363.4	542393.7	3108356.3	542393.2	3108356.1
966	542421.6	3108313.7	542400.5	3108305.1	542428.1	3108316.3	542409.4	3108308.7	542407.8	3108308.1
967	542435.9	3108265.5	542413.0	3108256.3	542445.0	3108269.2	542423.6	3108260.6	542423.4	3108260.5
968	542450.2	3108217.4	542425.8	3108207.5	542459.2	3108221.0	542439.3	3108213.0	542439.3	3108213.0
969	542464.2	3108169.1	542442.1	3108160.2	542472.9	3108172.6	542455.0	3108165.4	542453.3	3108164.7
970	542478.2	3108120.8	542455.8	3108111.8	542485.8	3108123.9	542468.4	3108116.9	542467.9	3108116.7
971	542491.6	3108072.3	542471.0	3108064.0	542498.4	3108075.1	542482.9	3108068.8	542482.3	3108068.6
972	542504.4	3108023.6	542486.6	3108016.4	542517.1	3108028.7	542499.8	3108021.7	542496.8	3108020.5
973	542516.8	3107974.6	542501.2	3107968.3	542536.8	3107982.7	542514.2	3107973.6	542511.2	3107972.4
974	542529.2	3107925.7	542514.1	3107919.6	542548.2	3107933.4	542531.4	3107926.6	542525.3	3107924.2
975	542542.9	3107877.4	542530.9	3107872.5	542558.4	3107883.6	542546.2	3107878.7	542541.8	3107876.9
976	542557.7	3107829.4	542548.7	3107825.8	542569.5	3107834.2	542561.5	3107830.9	542555.7	3107828.6
977	542572.5	3107781.4	542563.2	3107777.7	542582.7	3107785.6	542575.7	3107782.7	542573.5	3107781.9
978	542587.9	3107733.7	542577.9	3107729.7	542598.8	3107738.1	542588.5	3107734.0	542594.4	3107736.4
979	542604.1	3107686.4	542592.3	3107681.6	542616.8	3107691.5	542599.3	3107684.4	542613.0	3107690.0
980	542620.1	3107638.9	542608.8	3107634.3	542632.7	3107644.0	542615.0	3107636.9	542628.9	3107642.5
981	542635.1	3107591.0	542623.8	3107586.5	542646.5	3107595.6	542629.6	3107588.8	542644.3	3107594.7
982	542650.0	3107543.1	542637.8	3107538.2	542661.3	3107547.7	542647.6	3107542.2	542660.1	3107547.2
983	542664.6	3107495.1	542651.0	3107489.6	542675.5	3107499.5	542661.2	3107493.7	542676.7	3107500.0
984	542678.2	3107446.7	542662.3	3107440.3	542689.3	3107451.1	542674.6	3107445.2	542693.9	3107453.0
985	542691.9	3107398.3	542675.5	3107391.6	542706.7	3107404.2	542691.0	3107397.9	542708.5	3107405.0
986	542706.2	3107350.1	542689.3	3107343.3	542717.2	3107354.6	542708.1	3107350.9	542725.0	3107357.7
987	542721.6	3107302.4	542706.3	3107296.3	542730.0	3107305.8	542724.7	3107303.7	542741.4	3107310.4
988	542737.0	3107254.7	542724.7	3107249.8	542749.4	3107259.7	542740.3	3107256.0	542758.8	3107263.5
989	542750.8	3107206.4	542737.9	3107201.1	542764.7	3107212.0	542756.4	3107208.6	542775.3	3107216.3
990	542763.9	3107157.7	542750.5	3107152.3	542779.3	3107164.0	542772.1	3107161.1	542791.8	3107169.0
991	542777.0	3107109.1	542765.6	3107104.5	542798.4	3107117.8	542788.3	3107113.7	542807.2	3107121.3
992	542792.2	3107061.3	542780.0	3107056.4	542815.9	3107070.9	542803.3	3107065.8	542823.3	3107073.9
993	542807.7	3107013.7	542794.3	3107008.2	542830.1	3107022.7	542818.0	3107017.8	542840.6	3107027.0
994	542823.4	3106966.1	542808.1	3106959.9	542843.8	3106974.3	542833.6	3106970.2	542857.0	3106979.6
995	542839.8	3106918.8	542827.0	3106913.6	542858.5	3106926.3	542850.4	3106923.0	542872.7	3106932.1
996	542856.1	3106871.4	542844.1	3106866.6	542874.1	3106878.7	542866.8	3106875.7	542888.7	3106884.6
997	542871.3	3106823.7	542855.4	3106817.2	542887.6	3106830.2	542882.0	3106828.0	542904.1	3106836.9
998	542885.6	3106775.5	542864.2	3106766.9	542903.5	3106782.7	542896.6	3106779.9	542919.5	3106789.2
999	542899.9	3106727.3	542876.1	3106717.7	542921.6	3106736.1	542910.7	3106731.7	542935.8	3106741.8
1000	542914.5	3106679.3	542896.4	3106672.0	542936.2	3106688.1	542926.6	3106684.2	542951.3	3106694.2
1001	542930.7	3106631.9	542919.4	3106627.3	542949.0	3106639.3	542945.1	3106637.7	542967.6	3106646.8
1002	542947.0	3106584.6	542937.4	3106580.7	542963.2	3106591.1	542959.7	3106589.7	542983.4	3106599.3
1003	542963.0	3106537.1	542953.6	3106533.3	542978.8	3106543.5	542976.6	3106542.6	542999.2	3106551.7
1004	542979.0	3106489.7	542968.1	3106485.3	542996.7	3106496.8	542994.9	3106496.1	543014.6	3106504.0
1005	542995.0	3106442.2	542986.1	3106438.6	543011.0	3106448.7	543014.1	3106449.9	543030.9	3106456.7
1006	543013.1	3106395.6	543001.8	3106391.0	543029.1	3106402.0	543030.0	3106402.4	543046.5	3106409.1
1007	543031.2	3106349.0	543014.9	3106342.4	543046.5	3106355.2	543046.8	3106355.3	543062.7	3106361.7
1008	543049.2	3106302.3	543034.7	3106296.4	543061.9	3106307.4	543062.4	3106307.6	543078.0	3106314.0

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1009	-0.4	0.2	0.1	0.2	1.7	0.7	0.6	-0.2	0.3	0.6
1010	-0.4	0.3	0.1	0.2	1.8	0.7	0.6	-0.3	0.2	0.6
1011	-0.3	0.3	0.1	0.2	1.8	0.7	0.6	-0.4	0.2	0.6
1012	-0.4	0.3	0.1	0.2	2.2	0.7	0.7	-0.7	0.1	0.6
1013	-0.4	0.3	0.1	0.2	2.1	0.7	0.7	-0.6	0.1	0.6
1014	-0.4	0.2	0.1	0.2	1.8	0.6	0.6	-0.4	0.2	0.6
1015	-0.3	0.2	0.1	0.2	1.6	0.6	0.6	-0.3	0.2	0.6
1016	-0.2	0.3	0.1	0.3	1.6	0.6	0.6	-0.4	0.2	0.6
1017	-0.2	0.3	0.1	0.3	1.7	0.5	0.6	-0.5	0.2	0.7
1018	-0.2	0.3	0.2	0.3	1.7	0.6	0.6	-0.4	0.3	0.7
1019	-0.2	0.3	0.2	0.3	1.6	0.6	0.6	-0.3	0.2	0.6
1020	-0.2	0.3	0.2	0.2	1.4	0.6	0.5	-0.1	0.2	0.4
1021	-0.3	0.2	0.2	0.2	1.3	0.6	0.5	0.0	0.2	0.3
1022	-0.3	0.2	0.2	0.2	1.2	0.7	0.5	0.2	0.3	0.3
1023	-0.2	0.1	0.2	0.2	1.0	0.6	0.5	0.2	0.3	0.4
1024	-0.2	0.1	0.1	0.2	0.9	0.5	0.5	0.2	0.3	0.4
1025	-0.1	0.2	0.1	0.2	1.0	0.4	0.4	-0.1	0.2	0.4
1026	-0.2	0.2	0.1	0.2	1.3	0.5	0.4	-0.3	0.1	0.4
1027	-0.3	0.2	0.1	0.2	1.5	0.5	0.5	-0.4	0.1	0.4
1028	-0.3	0.3	0.1	0.2	1.6	0.5	0.5	-0.5	0.1	0.4
1029	-0.3	0.3	0.1	0.2	1.6	0.5	0.5	-0.5	0.1	0.4
1030	-0.2	0.2	0.1	0.2	1.2	0.5	0.5	-0.2	0.2	0.5
1031	-0.1	0.2	0.1	0.2	1.0	0.4	0.4	-0.2	0.3	0.5
1032	-0.2	0.1	0.1	0.2	1.0	0.4	0.5	-0.1	0.3	0.5
1033	-0.3	0.1	0.1	0.2	1.2	0.5	0.5	-0.2	0.2	0.5
1034	-0.4	0.1	0.0	0.2	1.3	0.5	0.5	-0.4	0.2	0.6
1035	-0.4	0.2	0.0	0.2	1.6	0.4	0.5	-0.6	0.1	0.6
1036	-0.4	0.2	0.1	0.2	1.5	0.6	0.5	-0.2	0.1	0.4
1037	-0.3	0.2	0.0	0.2	1.4	0.4	0.5	-0.5	0.1	0.6
1038	-0.3	0.2	0.0	0.2	1.5	0.4	0.5	-0.6	0.1	0.6
1039	-0.3	0.3	0.1	0.2	1.6	0.5	0.5	-0.6	0.1	0.5
1040	-0.3	0.3	0.1	0.2	1.7	0.5	0.5	-0.6	0.1	0.6
1041	-0.3	0.3	0.1	0.2	1.6	0.4	0.5	-0.6	0.1	0.6
1042	-0.2	0.3	0.1	0.2	1.4	0.5	0.5	-0.3	0.2	0.5
1043	-0.2	0.3	0.1	0.2	1.5	0.4	0.5	-0.6	0.1	0.7
1044	-0.2	0.3	0.0	0.2	1.6	0.3	0.5	-0.9	0.1	0.7
1045	-0.2	0.3	0.1	0.2	1.7	0.5	0.5	-0.6	0.1	0.5
1046	-0.3	0.3	0.1	0.2	1.8	0.5	0.5	-0.6	0.1	0.6
1047	-0.3	0.3	0.1	0.2	1.7	0.5	0.6	-0.6	0.1	0.6
1048	-0.3	0.2	0.1	0.2	1.5	0.5	0.5	-0.4	0.2	0.5
1049	-0.3	0.2	0.1	0.2	1.3	0.5	0.5	-0.2	0.3	0.6
1050	-0.3	0.1	0.1	0.2	1.2	0.6	0.5	0.1	0.3	0.5
1051	-0.3	0.1	0.1	0.2	1.1	0.7	0.5	0.2	0.3	0.4
1052	-0.3	0.1	0.1	0.2	1.2	0.7	0.5	0.2	0.3	0.3
1053	-0.3	0.2	0.1	0.2	1.4	0.7	0.5	0.0	0.2	0.3
1054	-0.2	0.2	0.1	0.2	1.1	0.5	0.5	0.0	0.2	0.4
1055	-0.2	0.1	0.1	0.2	0.8	0.5	0.4	0.2	0.3	0.3
1056	-0.2	0.2	0.2	0.2	1.0	0.6	0.5	0.3	0.3	0.2
1057	-0.1	0.2	0.1	0.2	0.9	0.5	0.4	0.1	0.3	0.4
1058	-0.1	0.1	0.1	0.2	0.6	0.4	0.4	0.2	0.3	0.4
1059	-0.1	0.1	0.1	0.2	0.5	0.3	0.3	0.1	0.3	0.4
1060	-0.1	0.1	0.1	0.2	0.5	0.3	0.3	0.1	0.3	0.4
1061	-0.1	0.1	0.1	0.1	0.5	0.4	0.3	0.2	0.3	0.3
1062	-0.2	0.1	0.1	0.1	0.6	0.5	0.4	0.4	0.3	0.2
1063	-0.3	0.1	0.1	0.1	0.9	0.6	0.4	0.3	0.2	0.2
1064	-0.3	0.0	0.1	0.1	0.7	0.6	0.4	0.5	0.3	0.2

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1009	543065.4	3106254.9	543048.7	3106248.2	543080.4	3106261.0	543076.2	3106259.3	543093.3	3106266.2
1010	543081.5	3106207.5	543065.2	3106200.9	543098.5	3106214.4	543091.5	3106211.5	543109.7	3106218.9
1011	543098.6	3106160.5	543083.8	3106154.5	543117.6	3106168.2	543109.9	3106165.1	543127.0	3106172.0
1012	543116.7	3106113.9	543098.0	3106106.3	543137.8	3106122.4	543124.6	3106117.1	543143.1	3106124.5
1013	543134.7	3106067.2	543114.3	3106059.0	543152.8	3106074.5	543140.4	3106069.5	543159.7	3106077.3
1014	543150.1	3106019.5	543132.4	3106012.4	543165.4	3106025.7	543157.0	3106022.3	543175.6	3106029.8
1015	543165.3	3105971.7	543151.4	3105966.1	543180.3	3105977.8	543174.6	3105975.5	543192.4	3105982.7
1016	543180.6	3105924.0	543169.8	3105919.6	543199.5	3105931.6	543192.0	3105928.6	543209.9	3105935.8
1017	543197.0	3105876.7	543186.4	3105872.4	543217.4	3105884.9	543207.4	3105880.9	543228.7	3105889.5
1018	543213.4	3105829.4	543202.9	3105825.1	543233.8	3105837.6	543226.1	3105834.5	543247.4	3105843.1
1019	543230.7	3105782.5	543220.9	3105778.5	543250.6	3105790.5	543244.5	3105788.0	543261.9	3105795.1
1020	543249.5	3105736.1	543239.5	3105732.1	543266.1	3105742.8	543263.6	3105741.8	543274.2	3105746.1
1021	543268.3	3105689.8	543256.3	3105684.9	543280.7	3105694.8	543281.1	3105695.0	543290.5	3105698.8
1022	543286.3	3105643.1	543274.0	3105638.2	543296.7	3105647.3	543299.8	3105648.6	543309.9	3105652.7
1023	543303.5	3105596.2	543292.9	3105591.9	543311.6	3105599.4	543316.2	3105601.3	543328.7	3105606.3
1024	543320.7	3105549.2	543312.8	3105546.0	543329.2	3105552.6	543332.5	3105554.0	543345.5	3105559.2
1025	543339.0	3105502.7	543332.2	3105499.9	543350.1	3105507.1	543348.7	3105506.6	543359.5	3105510.9
1026	543357.6	3105456.2	543347.9	3105452.3	543371.7	3105461.9	543366.1	3105459.7	543376.6	3105463.9
1027	543374.7	3105409.2	543362.4	3105404.3	543389.9	3105415.4	543381.0	3105411.8	543393.9	3105417.0
1028	543391.4	3105362.0	543379.3	3105357.2	543408.8	3105369.1	543398.2	3105364.8	543411.4	3105370.1
1029	543408.1	3105314.9	543396.2	3105310.1	543426.8	3105322.4	543417.4	3105318.6	543429.6	3105323.5
1030	543426.0	3105268.2	543416.5	3105264.3	543438.7	3105273.3	543434.1	3105271.4	543449.6	3105277.7
1031	543444.5	3105221.7	543437.5	3105218.9	543455.3	3105226.1	543451.9	3105224.7	543468.3	3105231.3
1032	543463.1	3105175.3	543453.3	3105171.3	543472.1	3105178.9	543469.1	3105177.7	543484.7	3105184.0
1033	543482.4	3105129.2	543468.6	3105123.6	543491.7	3105132.9	543487.6	3105131.3	543501.3	3105136.8
1034	543501.8	3105083.1	543485.4	3105076.4	543510.2	3105086.5	543502.9	3105083.5	543519.4	3105090.2
1035	543521.1	3105037.0	543503.1	3105029.7	543532.7	3105041.6	543519.7	3105036.4	543538.8	3105044.1
1036	543540.4	3104990.8	543523.7	3104984.1	543550.6	3104995.0	543545.7	3104993.0	543557.8	3104997.9
1037	543558.1	3104944.1	543544.2	3104938.4	543570.8	3104949.2	543560.7	3104945.1	543577.5	3104951.9
1038	543574.5	3104896.7	543562.0	3104891.7	543589.9	3104903.0	543577.2	3104897.8	543594.1	3104904.7
1039	543590.8	3104849.4	543578.3	3104844.4	543608.4	3104856.5	543596.1	3104851.6	543611.5	3104857.8
1040	543607.4	3104802.2	543594.2	3104796.9	543626.3	3104809.8	543613.4	3104804.6	543629.9	3104811.3
1041	543624.1	3104755.0	543612.1	3104750.1	543641.4	3104762.0	543629.1	3104757.0	543648.0	3104764.7
1042	543640.7	3104707.8	543632.5	3104704.5	543658.0	3104714.8	543652.5	3104712.5	543666.7	3104718.3
1043	543657.4	3104660.6	543649.4	3104657.4	543677.2	3104668.6	543664.3	3104663.4	543684.5	3104671.6
1044	543676.4	3104614.4	543668.6	3104611.2	543697.5	3104622.9	543679.8	3104615.7	543701.7	3104624.6
1045	543695.7	3104568.3	543685.4	3104564.1	543716.6	3104576.7	543705.4	3104572.1	543720.7	3104578.3
1046	543714.4	3104521.8	543701.6	3104516.7	543734.2	3104529.8	543722.2	3104525.0	543738.8	3104531.7
1047	543732.5	3104475.3	543719.4	3104469.9	543750.5	3104482.5	543738.2	3104477.6	543757.4	3104485.3
1048	543750.7	3104428.7	543738.5	3104423.7	543766.3	3104435.0	543758.8	3104431.9	543775.2	3104438.6
1049	543768.8	3104382.1	543757.0	3104377.3	543780.7	3104386.9	543776.8	3104385.3	543793.4	3104392.0
1050	543786.9	3104335.4	543774.4	3104330.4	543796.6	3104339.4	543798.1	3104340.0	543811.6	3104345.4
1051	543806.7	3104289.5	543791.7	3104283.5	543812.7	3104292.0	543817.6	3104293.9	543829.1	3104298.6
1052	543826.8	3104243.7	543811.8	3104237.6	543834.8	3104246.9	543838.8	3104248.6	543847.8	3104252.2
1053	543845.4	3104197.3	543831.9	3104191.8	543857.3	3104202.1	543857.4	3104202.2	543865.5	3104205.4
1054	543863.2	3104150.6	543852.2	3104146.1	543873.4	3104154.7	543872.8	3104154.5	543884.6	3104159.2
1055	543880.9	3104103.8	543873.7	3104100.9	543889.4	3104107.2	543892.6	3104108.5	543902.7	3104112.6
1056	543898.7	3104057.0	543889.9	3104053.5	543908.8	3104061.2	543914.3	3104063.4	543921.4	3104066.2
1057	543916.4	3104010.3	543910.0	3104007.7	543927.0	3104014.6	543928.1	3104015.0	543940.1	3104019.9
1058	543936.5	3103964.5	543930.9	3103962.2	543942.6	3103966.9	543947.2	3103968.8	543958.5	3103973.4
1059	543956.7	3103918.7	543951.7	3103916.7	543960.5	3103920.2	543963.2	3103921.3	543975.6	3103926.4
1060	543976.3	3103872.7	543971.2	3103870.6	543979.8	3103874.1	543982.8	3103875.3	543993.7	3103879.7
1061	543994.9	3103826.3	543989.5	3103824.1	543998.7	3103827.8	544003.6	3103829.8	544012.0	3103833.2
1062	544013.6	3103779.9	544005.4	3103776.6	544017.2	3103781.4	544024.6	3103784.4	544029.9	3103786.5
1063	544032.5	3103733.6	544019.9	3103728.5	544037.0	3103735.5	544043.2	3103738.0	544047.9	3103739.9
1064	544051.3	3103687.3	544038.7	3103682.2	544051.0	3103687.2	544061.9	3103691.6	544067.0	3103693.7

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1065	-0.2	0.0	0.1	0.1	0.7	0.4	0.4	0.2	0.3	0.4
1066	-0.3	0.0	0.1	0.1	0.8	0.5	0.4	0.2	0.3	0.4
1067	-0.3	0.0	0.1	0.2	0.8	0.5	0.4	0.3	0.3	0.3
1068	-0.3	0.0	0.1	0.1	0.8	0.6	0.4	0.4	0.3	0.3
1069	-0.3	0.0	0.1	0.1	0.7	0.6	0.4	0.5	0.3	0.2
1070	-0.3	-0.1	0.1	0.1	0.6	0.7	0.4	0.7	0.4	0.1
1071	-0.3	-0.1	0.1	0.1	0.6	0.7	0.4	0.8	0.4	0.1
1072	-0.3	-0.1	0.2	0.1	0.6	0.8	0.5	0.9	0.4	0.1
1073	-0.4	-0.1	0.2	0.1	0.6	0.8	0.4	0.9	0.4	0.0
1074	-0.4	-0.1	0.2	0.1	0.7	0.9	0.4	1.0	0.3	-0.1
1075	-0.3	-0.1	0.2	0.1	0.6	0.8	0.3	1.0	0.2	-0.3
1076	-0.3	0.0	0.2	0.0	0.8	0.7	0.3	0.7	0.1	-0.4
1077	-0.3	-0.2	0.1	0.0	0.2	0.7	0.2	1.2	0.2	-0.4
1078	-0.4	-0.2	0.1	0.0	0.2	0.7	0.2	1.1	0.2	-0.4
1079	-0.4	-0.3	0.1	0.0	0.0	0.7	0.2	1.3	0.2	-0.5
1080	-0.3	-0.2	0.1	-0.1	0.0	0.7	0.1	1.2	0.1	-0.6
1081	-0.3	-0.2	0.1	-0.1	0.0	0.7	0.1	1.3	0.1	-0.7
1082	-0.3	-0.2	0.2	-0.1	-0.1	0.7	0.1	1.4	0.1	-0.8
1083	-0.3	-0.3	0.1	-0.1	-0.2	0.6	0.0	1.4	0.1	-0.7
1084	-0.4	-0.3	0.1	-0.1	-0.2	0.6	0.0	1.4	0.1	-0.7
1085	-0.3	-0.2	0.1	-0.1	-0.1	0.5	0.0	1.2	0.0	-0.7
1086	-0.2	-0.2	0.1	-0.1	-0.1	0.5	0.0	1.1	0.0	-0.8
1087	-0.2	-0.2	0.1	-0.1	-0.1	0.5	0.0	1.1	0.0	-0.8
1088	-0.3	-0.2	0.1	-0.1	0.1	0.6	0.0	1.1	0.0	-0.8
1089	-0.4	-0.2	0.1	-0.1	0.3	0.7	0.0	1.1	-0.1	-0.9
1090	-0.4	-0.2	0.1	-0.2	0.4	0.7	0.0	1.0	-0.1	-0.9
1091	-0.5	-0.3	0.1	-0.2	0.2	0.7	0.0	1.1	-0.1	-0.9
1092	-0.4	-0.3	0.0	-0.2	0.0	0.6	0.0	1.0	0.0	-0.8
1093	-0.5	-0.4	0.0	-0.2	0.0	0.5	0.0	1.0	0.0	-0.7
1094	-0.5	-0.3	-0.1	-0.2	0.1	0.5	0.0	0.8	0.0	-0.6
1095	-0.6	-0.3	-0.1	-0.2	0.2	0.6	0.1	0.8	0.0	-0.6
1096	-0.6	-0.3	-0.1	-0.2	0.4	0.6	0.1	0.8	-0.1	-0.6
1097	-0.6	-0.3	-0.1	-0.2	0.6	0.6	0.1	0.6	-0.1	-0.6
1098	-0.6	-0.3	0.0	-0.2	0.6	0.7	0.1	0.7	-0.2	-0.7
1099	-0.6	-0.3	0.0	-0.2	0.5	0.7	0.0	0.8	-0.1	-0.8
1100	-0.5	-0.2	0.0	-0.2	0.4	0.6	0.0	0.8	-0.2	-0.8
1101	-0.4	-0.2	0.1	-0.2	0.4	0.6	0.0	0.8	-0.2	-0.8
1102	-0.4	-0.2	0.0	-0.2	0.3	0.6	0.0	0.8	-0.1	-0.8
1103	-0.4	-0.2	0.0	-0.2	0.4	0.5	0.0	0.6	-0.2	-0.6
1104	-0.4	-0.2	0.0	-0.2	0.5	0.5	0.0	0.5	-0.2	-0.7
1105	-0.4	-0.1	0.0	-0.2	0.7	0.5	0.0	0.4	-0.3	-0.7
1106	-0.3	0.0	0.0	-0.1	0.7	0.4	0.0	0.1	-0.3	-0.6
1107	-0.2	0.1	0.0	-0.1	0.9	0.3	-0.1	-0.2	-0.4	-0.6
1108	-0.2	0.2	0.0	-0.1	1.2	0.4	0.0	-0.4	-0.5	-0.5
1109	-0.3	0.2	0.0	-0.1	1.3	0.4	0.0	-0.4	-0.5	-0.5
1110	-0.3	0.2	0.1	-0.1	1.2	0.4	0.0	-0.2	-0.4	-0.6
1111	-0.2	0.1	0.1	-0.1	1.1	0.5	0.0	-0.1	-0.4	-0.7
1112	-0.2	0.2	0.1	-0.1	1.1	0.4	-0.1	-0.1	-0.5	-0.7
1113	-0.2	0.2	0.1	-0.1	1.1	0.5	-0.1	0.0	-0.5	-0.8
1114	-0.1	0.2	0.1	-0.1	1.1	0.4	-0.1	-0.3	-0.6	-0.7
1115	-0.1	0.2	0.1	-0.1	1.0	0.3	-0.1	-0.4	-0.6	-0.7
1116	-0.1	0.2	0.1	-0.1	1.1	0.3	-0.2	-0.4	-0.6	-0.7
1117	0.0	0.3	0.1	-0.1	1.0	0.3	-0.2	-0.3	-0.6	-0.8
1118	0.0	0.3	0.2	-0.1	1.0	0.4	-0.2	-0.1	-0.6	-0.9
1119	0.0	0.3	0.2	-0.1	1.0	0.5	-0.1	-0.1	-0.6	-0.9
1120	0.0	0.2	0.2	-0.1	0.8	0.5	-0.1	0.1	-0.5	-0.9

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1065	544069.8	3103640.8	544058.5	3103636.3	544070.9	3103641.3	544075.8	3103643.2	544086.5	3103647.6
1066	544088.0	3103594.3	544075.4	3103589.2	544090.3	3103595.2	544094.1	3103596.7	544105.1	3103601.2
1067	544106.2	3103547.7	544093.3	3103542.5	544108.4	3103548.6	544114.5	3103551.1	544123.6	3103554.7
1068	544125.3	3103501.5	544111.5	3103495.9	544125.8	3103501.7	544132.9	3103504.5	544141.5	3103508.0
1069	544144.5	3103455.3	544130.0	3103449.5	544142.4	3103454.5	544151.8	3103458.3	544159.1	3103461.2
1070	544163.8	3103409.2	544148.0	3103402.8	544159.1	3103407.3	544174.1	3103413.4	544177.5	3103414.7
1071	544181.4	3103362.4	544165.7	3103356.0	544176.6	3103360.4	544193.3	3103367.2	544196.3	3103368.4
1072	544198.7	3103315.4	544183.7	3103309.4	544195.0	3103313.9	544212.8	3103321.1	544215.8	3103322.3
1073	544219.0	3103269.7	544202.1	3103262.9	544214.1	3103267.7	544233.2	3103275.5	544232.1	3103275.0
1074	544239.1	3103223.9	544220.8	3103216.5	544233.9	3103221.8	544254.1	3103229.9	544249.6	3103228.1
1075	544257.5	3103177.4	544241.9	3103171.1	544253.2	3103175.7	544272.8	3103183.6	544263.9	3103180.0
1076	544276.3	3103131.1	544262.1	3103125.3	544276.4	3103131.1	544290.6	3103136.9	544279.4	3103132.3
1077	544295.8	3103085.0	544279.6	3103078.5	544283.8	3103080.2	544307.3	3103089.7	544295.3	3103084.8
1078	544314.8	3103038.8	544297.1	3103031.6	544300.4	3103033.0	544323.3	3103042.2	544312.3	3103037.8
1079	544333.1	3102992.2	544316.0	3102985.3	544316.9	3102985.7	544342.3	3102996.0	544328.3	3102990.3
1080	544351.4	3102945.7	544335.4	3102939.3	544335.9	3102939.4	544361.1	3102949.7	544342.8	3102942.2
1081	544369.8	3102899.2	544354.9	3102893.2	544354.7	3102893.1	544381.9	3102904.1	544361.5	3102895.9
1082	544388.6	3102852.9	544374.6	3102847.2	544372.4	3102846.4	544401.7	3102858.2	544379.0	3102849.0
1083	544409.5	3102807.4	544394.2	3102801.2	544390.2	3102799.6	544418.3	3102810.9	544396.3	3102802.1
1084	544429.9	3102761.7	544413.3	3102755.0	544409.5	3102753.5	544436.8	3102764.5	544414.5	3102755.5
1085	544445.8	3102714.2	544432.5	3102708.8	544430.4	3102708.0	544453.7	3102717.4	544432.0	3102708.6
1086	544461.7	3102666.7	544452.5	3102663.0	544450.4	3102662.2	544473.5	3102671.5	544449.2	3102661.7
1087	544480.6	3102620.4	544471.3	3102616.7	544469.2	3102615.8	544490.9	3102624.6	544468.1	3102615.4
1088	544500.0	3102574.3	544486.7	3102569.0	544488.8	3102569.8	544511.8	3102579.1	544486.4	3102568.8
1089	544520.2	3102528.6	544503.5	3102521.8	544508.3	3102523.8	544530.9	3102532.9	544503.8	3102521.9
1090	544541.7	3102483.3	544522.0	3102475.4	544529.0	3102478.2	544548.9	3102486.2	544521.6	3102475.2
1091	544561.5	3102437.4	544540.6	3102429.0	544543.4	3102430.1	544566.3	3102439.3	544540.0	3102428.7
1092	544580.6	3102391.2	544560.0	3102382.9	544560.6	3102383.1	544581.5	3102391.6	544558.6	3102382.3
1093	544599.8	3102345.0	544577.3	3102335.9	544577.0	3102335.8	544597.9	3102344.3	544578.3	3102336.3
1094	544619.0	3102298.8	544594.4	3102288.9	544597.1	3102290.0	544613.7	3102296.7	544597.1	3102290.0
1095	544639.6	3102253.3	544612.7	3102242.4	544617.3	3102244.2	544634.5	3102251.2	544617.0	3102244.1
1096	544660.1	3102207.6	544630.9	3102195.8	544638.9	3102199.0	544654.7	3102205.4	544635.8	3102197.8
1097	544679.0	3102161.3	544650.1	3102149.7	544661.1	3102154.1	544672.4	3102158.7	544655.1	3102151.7
1098	544697.8	3102115.0	544669.4	3102103.5	544681.3	3102108.3	544694.6	3102113.7	544673.2	3102105.1
1099	544716.4	3102068.6	544689.6	3102057.7	544698.8	3102061.5	544714.9	3102068.0	544691.5	3102058.5
1100	544732.5	3102021.1	544710.9	3102012.4	544717.6	3102015.1	544734.0	3102021.8	544709.9	3102012.0
1101	544748.6	3101973.7	544730.1	3101966.3	544738.1	3101969.5	544754.2	3101976.0	544729.7	3101966.1
1102	544768.3	3101927.8	544749.3	3101920.1	544755.2	3101922.5	544771.2	3101928.9	544748.5	3101919.8
1103	544789.5	3101882.4	544769.2	3101874.2	544776.5	3101877.2	544788.2	3101881.9	544768.8	3101874.0
1104	544809.3	3101836.5	544789.7	3101828.6	544798.8	3101832.2	544808.6	3101836.2	544787.7	3101827.8
1105	544828.1	3101790.2	544810.8	3101783.2	544822.9	3101788.0	544830.0	3101790.9	544808.2	3101782.1
1106	544846.3	3101743.6	544832.5	3101738.0	544845.7	3101743.3	544848.1	3101744.3	544829.1	3101736.6
1107	544863.6	3101696.6	544852.9	3101692.3	544869.7	3101699.1	544866.3	3101697.7	544849.3	3101690.9
1108	544882.1	3101650.2	544870.6	3101645.5	544893.0	3101654.6	544884.4	3101651.1	544868.9	3101644.8
1109	544900.5	3101603.7	544888.6	3101598.9	544911.8	3101608.3	544904.0	3101605.1	544889.2	3101599.1
1110	544919.0	3101557.2	544907.1	3101552.4	544929.0	3101561.3	544924.0	3101559.3	544907.4	3101552.5
1111	544938.0	3101511.0	544926.7	3101506.4	544946.5	3101514.4	544945.1	3101513.9	544925.6	3101506.0
1112	544957.9	3101465.1	544948.5	3101461.3	544968.0	3101469.2	544965.1	3101468.0	544944.7	3101459.8
1113	544977.7	3101419.2	544970.2	3101416.2	544990.0	3101424.2	544989.4	3101423.9	544965.0	3101414.0
1114	544998.7	3101373.7	544991.9	3101371.0	545012.6	3101379.4	545006.2	3101376.7	544983.9	3101367.8
1115	545019.8	3101328.3	545013.4	3101325.8	545032.8	3101333.6	545024.4	3101330.2	545003.8	3101321.9
1116	545038.7	3101282.0	545034.6	3101280.4	545054.1	3101288.3	545045.6	3101284.8	545024.2	3101276.2
1117	545056.6	3101235.4	545055.2	3101234.8	545073.5	3101242.2	545067.6	3101239.8	545043.6	3101230.1
1118	545076.0	3101189.3	545075.9	3101189.2	545094.2	3101196.6	545092.2	3101195.8	545064.0	3101184.4
1119	545095.6	3101143.2	545095.1	3101143.0	545114.2	3101150.8	545112.8	3101150.2	545084.8	3101138.9
1120	545115.2	3101097.2	545113.4	3101096.5	545128.8	3101102.7	545131.3	3101103.7	545105.2	3101093.2

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1121	-0.1	0.3	0.2	-0.1	1.1	0.6	-0.1	0.2	-0.5	-1.0
1122	-0.1	0.4	0.3	-0.1	1.6	0.7	-0.1	-0.1	-0.7	-1.0
1123	-0.1	0.4	0.2	-0.1	1.9	0.7	-0.1	-0.4	-0.8	-1.1
1124	-0.2	0.4	0.2	-0.1	1.9	0.8	0.0	-0.3	-0.8	-1.1
1125	-0.3	0.4	0.2	-0.1	1.9	0.7	0.0	-0.4	-0.7	-0.9
1126	-0.3	0.4	0.2	-0.1	2.0	0.8	0.0	-0.3	-0.7	-1.0
1127	-0.2	0.4	0.3	-0.1	2.0	0.9	0.0	-0.2	-0.7	-1.0
1128	-0.2	0.3	0.3	-0.1	1.6	0.9	0.0	0.1	-0.6	-1.0
1129	-0.1	0.4	0.3	-0.1	1.6	0.8	0.0	0.0	-0.6	-1.0
1130	-0.1	0.4	0.3	-0.1	1.5	0.7	0.0	0.0	-0.6	-1.0
1131	-0.1	0.3	0.2	-0.1	1.4	0.7	0.0	0.1	-0.5	-0.9
1132	-0.2	0.3	0.2	-0.1	1.3	0.7	0.0	0.1	-0.5	-0.9
1133	-0.2	0.3	0.3	-0.1	1.4	0.8	0.0	0.2	-0.5	-0.9
1134	-0.2	0.3	0.3	0.0	1.6	0.9	0.1	0.2	-0.5	-0.9
1135	-0.2	0.3	0.3	-0.1	1.6	0.9	0.1	0.2	-0.5	-1.0
1136	-0.2	0.3	0.3	-0.1	1.6	0.8	0.1	0.1	-0.5	-0.9
1137	-0.3	0.3	0.2	-0.1	1.8	0.8	0.1	-0.1	-0.6	-0.9
1138	-0.4	0.3	0.1	-0.1	1.9	0.8	0.1	-0.3	-0.6	-0.8
1139	-0.4	0.3	0.2	-0.1	1.9	0.9	0.1	0.0	-0.6	-1.0
1140	-0.4	0.3	0.3	-0.1	1.9	1.0	0.1	0.2	-0.6	-1.1
1141	-0.3	0.4	0.3	-0.1	2.1	1.1	0.1	0.1	-0.6	-1.1
1142	-0.4	0.4	0.3	-0.1	2.2	1.0	0.1	0.0	-0.6	-1.1
1143	-0.4	0.4	0.2	-0.1	2.2	1.0	0.1	-0.1	-0.7	-1.0
1144	-0.4	0.4	0.2	-0.1	2.3	1.0	0.1	-0.2	-0.7	-1.0
1145	-0.5	0.3	0.2	-0.1	2.3	1.1	0.2	-0.1	-0.6	-1.0
1146	-0.5	0.3	0.2	-0.1	2.2	1.0	0.2	0.0	-0.6	-1.0
1147	-0.5	0.3	0.1	-0.1	2.1	0.9	0.1	-0.2	-0.6	-0.8
1148	-0.4	0.2	0.1	-0.1	1.9	0.7	0.1	-0.4	-0.6	-0.7
1149	-0.4	0.2	0.1	-0.1	1.6	0.6	0.1	-0.3	-0.5	-0.7
1150	-0.4	0.2	0.1	-0.1	1.6	0.6	0.1	-0.3	-0.5	-0.6
1151	-0.4	0.1	0.1	-0.1	1.5	0.7	0.1	-0.1	-0.5	-0.7
1152	-0.5	0.1	0.1	-0.1	1.5	0.7	0.1	0.0	-0.4	-0.7
1153	-0.6	0.0	0.0	-0.1	1.5	0.8	0.2	0.1	-0.4	-0.7
1154	-0.6	-0.1	0.1	-0.1	1.4	0.9	0.2	0.4	-0.3	-0.7
1155	-0.6	0.0	0.1	-0.1	1.5	0.9	0.2	0.4	-0.3	-0.8
1156	-0.6	0.0	0.1	-0.1	1.6	0.9	0.2	0.3	-0.3	-0.8
1157	-0.7	0.0	0.1	-0.2	1.7	0.9	0.2	0.2	-0.4	-0.8
1158	-0.7	0.0	0.0	-0.2	1.8	0.9	0.1	0.0	-0.5	-0.8
1159	-0.8	0.0	0.0	-0.2	2.0	1.0	0.2	0.0	-0.5	-0.9
1160	-0.8	0.0	0.0	-0.2	1.9	1.0	0.2	0.2	-0.4	-0.9
1161	-0.8	0.0	0.0	-0.2	1.8	0.9	0.1	0.2	-0.5	-0.9
1162	-0.7	-0.1	0.0	-0.2	1.6	0.9	0.1	0.3	-0.4	-1.0
1163	-0.7	-0.1	0.0	-0.2	1.5	0.8	0.1	0.2	-0.4	-0.8
1164	-0.7	0.0	0.0	-0.2	1.5	0.8	0.1	0.2	-0.4	-0.9
1165	-0.7	-0.1	0.0	-0.2	1.4	0.9	0.1	0.4	-0.4	-1.0
1166	-0.7	-0.1	0.0	-0.2	1.3	0.8	0.0	0.4	-0.4	-1.0
1167	-0.7	-0.1	0.0	-0.3	1.5	0.9	0.0	0.3	-0.5	-1.1
1168	-0.7	-0.1	0.0	-0.3	1.4	0.9	0.0	0.4	-0.5	-1.1
1169	-0.8	-0.1	-0.1	-0.3	1.6	0.8	0.0	0.1	-0.6	-1.1
1170	-0.7	0.0	0.0	-0.3	1.6	0.8	-0.1	0.0	-0.7	-1.1
1171	-0.7	-0.1	0.0	-0.3	1.5	0.8	0.0	0.1	-0.6	-1.1
1172	-0.8	-0.2	-0.1	-0.3	1.5	0.8	0.0	0.1	-0.6	-1.1
1173	-0.8	-0.1	-0.1	-0.3	1.6	0.7	0.0	-0.1	-0.6	-1.0
1174	-0.8	-0.1	-0.1	-0.3	1.8	0.7	0.0	-0.3	-0.7	-1.0
1175	-0.8	-0.1	-0.1	-0.4	1.8	0.7	0.0	-0.4	-0.7	-0.9
1176	-0.8	0.0	-0.1	-0.4	1.9	0.6	-0.1	-0.5	-0.8	-1.0

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1121	545134.8	3101051.3	545131.7	3101050.0	545151.7	3101058.1	545155.2	3101059.5	545125.0	3101047.3
1122	545154.5	3101005.3	545150.1	3101003.5	545179.1	3101015.2	545176.5	3101014.2	545145.8	3101001.7
1123	545174.8	3100959.5	545169.0	3100957.2	545203.7	3100971.2	545195.8	3100968.0	545163.8	3100955.1
1124	545195.6	3100914.0	545187.6	3100910.8	545222.8	3100925.0	545216.8	3100922.6	545184.7	3100909.6
1125	545216.3	3100868.4	545204.4	3100863.7	545239.8	3100878.0	545231.9	3100874.8	545205.3	3100864.0
1126	545234.8	3100822.0	545222.8	3100817.1	545260.3	3100832.3	545254.7	3100830.0	545225.3	3100818.2
1127	545253.3	3100775.5	545242.3	3100771.1	545278.9	3100785.9	545275.8	3100784.6	545245.6	3100772.5
1128	545272.1	3100729.2	545263.9	3100725.9	545294.3	3100738.2	545297.1	3100739.3	545265.9	3100726.7
1129	545291.1	3100683.0	545286.0	3100680.9	545315.4	3100692.8	545315.6	3100692.9	545285.3	3100680.6
1130	545310.5	3100636.9	545305.8	3100635.0	545333.5	3100646.2	545333.3	3100646.1	545303.9	3100634.2
1131	545331.4	3100591.4	545325.6	3100589.0	545350.9	3100599.3	545352.2	3100599.8	545324.9	3100588.8
1132	545352.3	3100545.9	545344.7	3100542.9	545369.1	3100552.7	545370.1	3100553.1	545343.6	3100542.4
1133	545371.5	3100499.7	545362.7	3100496.2	545388.7	3100506.7	545392.8	3100508.3	545364.6	3100497.0
1134	545390.5	3100453.5	545379.6	3100449.1	545409.7	3100461.3	545412.9	3100462.6	545384.9	3100451.3
1135	545409.7	3100407.3	545398.5	3100402.8	545428.8	3100415.0	545433.0	3100416.8	545403.1	3100404.7
1136	545429.0	3100361.2	545417.9	3100356.7	545448.2	3100369.0	545450.5	3100369.9	545422.7	3100358.6
1137	545450.2	3100315.8	545437.0	3100310.5	545470.9	3100324.2	545468.6	3100323.3	545440.9	3100312.1
1138	545473.0	3100271.1	545455.9	3100264.2	545490.7	3100278.3	545485.0	3100276.0	545459.6	3100265.7
1139	545492.8	3100225.2	545474.8	3100217.9	545510.1	3100232.2	545509.4	3100231.9	545480.4	3100220.2
1140	545510.7	3100178.5	545494.0	3100171.8	545529.9	3100186.3	545533.7	3100187.8	545500.1	3100174.2
1141	545528.9	3100131.9	545513.3	3100125.6	545553.1	3100141.7	545554.2	3100142.1	545520.7	3100128.6
1142	545549.5	3100086.3	545533.0	3100079.7	545573.9	3100096.2	545573.4	3100096.0	545541.4	3100083.0
1143	545570.2	3100040.7	545552.7	3100033.7	545593.5	3100050.2	545591.2	3100049.2	545560.5	3100036.9
1144	545591.9	3099995.6	545572.0	3099987.6	545614.6	3100004.8	545611.1	3100003.4	545581.9	3099991.6
1145	545614.3	3099950.7	545591.4	3099941.5	545633.9	3099958.6	545632.5	3099958.1	545602.3	3099945.9
1146	545635.7	3099905.4	545611.9	3099895.8	545652.9	3099912.4	545652.2	3099912.1	545622.6	3099900.1
1147	545656.1	3099859.8	545633.3	3099850.5	545672.7	3099866.5	545668.0	3099864.6	545643.4	3099854.6
1148	545676.1	3099813.9	545656.3	3099805.9	545691.1	3099820.0	545682.8	3099816.6	545662.7	3099808.5
1149	545695.7	3099767.9	545678.3	3099760.9	545708.3	3099773.0	545703.2	3099770.9	545682.7	3099762.6
1150	545715.9	3099722.2	545697.6	3099714.8	545726.7	3099726.5	545721.1	3099724.2	545701.8	3099716.4
1151	545736.7	3099676.6	545716.6	3099668.5	545744.4	3099679.7	545742.0	3099678.8	545720.6	3099670.1
1152	545757.2	3099631.0	545733.3	3099621.3	545761.4	3099632.7	545761.6	3099632.8	545741.2	3099624.5
1153	545777.5	3099585.2	545750.0	3099574.1	545778.0	3099585.4	545780.6	3099586.5	545760.4	3099578.3
1154	545797.6	3099539.5	545768.1	3099527.5	545794.1	3099538.0	545803.0	3099541.6	545780.6	3099532.6
1155	545816.7	3099493.2	545786.9	3099481.2	545815.0	3099492.5	545822.7	3099495.7	545800.0	3099486.5
1156	545836.4	3099447.3	545806.7	3099435.2	545837.1	3099447.6	545842.6	3099449.8	545819.7	3099440.5
1157	545859.0	3099402.5	545828.7	3099390.2	545860.9	3099403.2	545864.5	3099404.7	545839.1	3099394.4
1158	545881.4	3099357.6	545847.7	3099344.0	545880.4	3099357.2	545880.9	3099357.4	545856.8	3099347.7
1159	545902.4	3099312.1	545865.2	3099297.1	545902.7	3099312.3	545902.3	3099312.1	545876.1	3099301.5
1160	545922.9	3099266.5	545885.0	3099251.2	545919.9	3099265.3	545923.9	3099266.9	545898.0	3099256.4
1161	545942.1	3099220.3	545906.5	3099205.9	545939.6	3099219.3	545942.8	3099220.6	545915.6	3099209.6
1162	545961.7	3099174.3	545927.9	3099160.7	545957.3	3099172.5	545963.5	3099175.1	545935.0	3099163.6
1163	545981.8	3099128.5	545949.5	3099115.5	545977.2	3099126.6	545982.1	3099128.6	545957.8	3099118.8
1164	546001.8	3099082.7	545970.9	3099070.2	545998.9	3099081.5	546002.4	3099082.9	545976.7	3099072.5
1165	546021.9	3099036.9	545991.7	3099024.7	546017.5	3099035.1	546024.9	3099038.1	545996.1	3099026.4
1166	546043.9	3098991.8	546012.6	3098979.2	546037.5	3098989.3	546045.3	3098992.4	546015.6	3098980.4
1167	546066.3	3098947.0	546033.4	3098933.6	546060.4	3098944.6	546067.4	3098947.4	546035.2	3098934.4
1168	546089.5	3098902.4	546055.0	3098888.4	546080.2	3098898.6	546089.1	3098902.2	546055.2	3098888.5
1169	546112.3	3098857.7	546077.0	3098843.4	546105.8	3098855.1	546108.0	3098856.0	546075.2	3098842.7
1170	546130.7	3098811.2	546099.1	3098798.4	546128.2	3098810.2	546128.3	3098810.2	546095.2	3098796.9
1171	546151.9	3098765.8	546118.6	3098752.4	546146.6	3098763.7	546148.9	3098764.6	546115.5	3098751.1
1172	546176.4	3098721.8	546138.0	3098706.3	546166.4	3098717.7	546168.6	3098718.6	546137.1	3098705.9
1173	546197.0	3098676.2	546158.0	3098660.5	546188.2	3098672.7	546186.3	3098671.9	546157.0	3098660.0
1174	546217.2	3098630.5	546179.2	3098615.1	546211.9	3098628.3	546206.3	3098626.0	546177.2	3098614.3
1175	546237.9	3098584.9	546200.4	3098569.7	546233.3	3098583.0	546225.9	3098580.0	546197.5	3098568.6
1176	546258.5	3098539.3	546221.9	3098524.5	546257.1	3098538.7	546246.0	3098534.2	546217.4	3098522.7

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1177	-0.8	-0.1	-0.1	-0.4	1.6	0.6	-0.1	-0.3	-0.7	-1.0
1178	-0.7	-0.1	-0.2	-0.4	1.3	0.5	-0.1	-0.3	-0.6	-0.9
1179	-0.7	-0.1	-0.1	-0.4	1.4	0.6	-0.1	-0.2	-0.7	-1.0
1180	-0.7	-0.1	-0.1	-0.4	1.2	0.5	-0.2	-0.2	-0.7	-1.0
1181	-0.6	-0.2	-0.2	-0.4	0.9	0.4	-0.2	0.0	-0.6	-1.0
1182	-0.6	-0.2	-0.2	-0.4	0.7	0.4	-0.2	0.0	-0.6	-1.0
1183	-0.6	-0.2	-0.2	-0.4	0.8	0.2	-0.2	-0.3	-0.6	-0.8
1184	-0.5	-0.1	-0.2	-0.4	0.9	0.2	-0.3	-0.4	-0.7	-0.9
1185	-0.6	-0.1	-0.2	-0.4	1.1	0.3	-0.2	-0.4	-0.7	-1.0
1186	-0.6	-0.1	-0.2	-0.4	1.1	0.3	-0.2	-0.4	-0.7	-0.9
1187	-0.7	-0.1	-0.2	-0.4	1.2	0.3	-0.2	-0.5	-0.7	-0.8
1188	-0.7	-0.1	-0.2	-0.4	1.3	0.3	-0.2	-0.6	-0.7	-0.8
1189	-0.6	-0.1	-0.2	-0.3	1.2	0.3	-0.2	-0.6	-0.7	-0.7
1190	-0.6	-0.1	-0.2	-0.4	1.2	0.4	-0.2	-0.3	-0.7	-0.9
1191	-0.6	-0.1	-0.2	-0.4	1.1	0.4	-0.2	-0.3	-0.7	-0.9
1192	-0.7	-0.1	-0.2	-0.4	1.3	0.4	-0.2	-0.4	-0.7	-0.9
1193	-0.7	-0.1	-0.2	-0.3	1.4	0.3	-0.1	-0.7	-0.7	-0.7
1194	-0.7	0.0	-0.3	-0.3	1.6	0.2	-0.1	-1.0	-0.7	-0.6
1195	-0.6	0.0	-0.3	-0.3	1.5	0.2	-0.1	-1.0	-0.7	-0.5
1196	-0.6	0.0	-0.3	-0.3	1.5	0.2	-0.1	-1.0	-0.7	-0.5
1197	-0.6	0.0	-0.3	-0.3	1.6	0.2	-0.1	-1.1	-0.8	-0.6
1198	-0.6	0.0	-0.2	-0.3	1.7	0.3	-0.1	-1.0	-0.8	-0.7
1199	-0.6	0.0	-0.2	-0.3	1.6	0.3	-0.1	-0.9	-0.8	-0.8
1200	-0.6	0.0	-0.2	-0.3	1.7	0.4	-0.1	-0.9	-0.8	-0.8
1201	-0.6	0.0	-0.2	-0.3	1.6	0.3	-0.1	-0.9	-0.8	-0.7
1202	-0.6	0.0	-0.2	-0.3	1.5	0.3	-0.1	-0.8	-0.7	-0.7
1203	-0.6	0.0	-0.2	-0.3	1.3	0.3	-0.2	-0.6	-0.7	-0.8
1204	-0.6	-0.1	-0.2	-0.3	1.2	0.3	-0.2	-0.5	-0.7	-0.8
1205	-0.6	-0.1	-0.2	-0.3	1.1	0.4	-0.1	-0.3	-0.6	-0.8
1206	-0.6	-0.2	-0.1	-0.3	1.0	0.4	-0.1	-0.1	-0.6	-0.9
1207	-0.7	-0.1	-0.1	-0.3	1.2	0.5	-0.1	0.0	-0.6	-0.9
1208	-0.7	-0.1	-0.1	-0.3	1.3	0.6	0.0	-0.1	-0.4	-0.7
1209	-0.6	0.0	-0.1	-0.3	1.4	0.5	-0.1	-0.3	-0.6	-0.9
1210	-0.6	0.0	-0.1	-0.3	1.4	0.5	-0.1	-0.3	-0.7	-0.9
1211	-0.6	0.0	-0.1	-0.3	1.4	0.5	-0.1	-0.3	-0.7	-0.9
1212	-0.6	0.1	-0.1	-0.3	1.6	0.5	-0.1	-0.5	-0.7	-0.8
1213	-0.5	0.1	-0.1	-0.2	1.7	0.4	0.0	-0.7	-0.7	-0.6
1214	-0.5	0.1	-0.1	-0.2	1.6	0.5	0.0	-0.5	-0.6	-0.7
1215	-0.6	-0.1	-0.1	-0.2	1.3	0.5	0.0	-0.3	-0.5	-0.6
1216	-0.6	0.0	-0.1	-0.2	1.3	0.4	0.0	-0.4	-0.5	-0.5
1217	-0.5	0.0	-0.1	-0.2	1.2	0.5	0.0	-0.2	-0.4	-0.6
1218	-0.6	0.0	-0.1	-0.2	1.6	0.5	0.0	-0.5	-0.6	-0.6
1219	-0.6	0.1	-0.1	-0.2	1.9	0.6	0.0	-0.7	-0.6	-0.6
1220	-0.6	0.1	-0.1	-0.2	2.0	0.6	0.1	-0.7	-0.6	-0.6
1221	-0.6	0.1	0.0	-0.2	1.8	0.6	0.1	-0.5	-0.6	-0.6
1222	-0.5	0.1	-0.1	-0.2	1.7	0.5	0.1	-0.6	-0.5	-0.5
1223	-0.6	0.1	-0.1	-0.2	1.7	0.5	0.1	-0.6	-0.5	-0.5
1224	-0.6	0.1	-0.1	-0.2	1.8	0.6	0.1	-0.6	-0.5	-0.4
1225	-0.7	0.1	-0.1	-0.2	2.0	0.6	0.2	-0.6	-0.5	-0.4
1226	-0.7	0.1	-0.1	-0.2	2.2	0.7	0.2	-0.7	-0.6	-0.4
1227	-0.7	0.1	-0.1	-0.2	2.2	0.7	0.2	-0.7	-0.6	-0.5
1228	-0.6	0.2	-0.1	-0.2	2.2	0.6	0.2	-0.8	-0.6	-0.5
1229	-0.6	0.1	-0.1	-0.2	2.1	0.6	0.1	-0.8	-0.6	-0.5
1230	-0.7	0.1	-0.1	-0.2	1.8	0.6	0.1	-0.5	-0.5	-0.5
1231	-0.6	0.0	-0.1	-0.2	1.8	0.6	0.2	-0.4	-0.4	-0.5
1232	-0.6	0.0	0.0	-0.2	1.7	0.7	0.1	-0.2	-0.4	-0.6

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1177	546278.8	3098493.5	546243.7	3098479.4	546273.0	3098491.2	546267.2	3098488.8	546237.3	3098476.8
1178	546298.9	3098447.7	546265.5	3098434.3	546289.4	3098443.9	546283.2	3098441.4	546257.2	3098430.9
1179	546318.2	3098401.6	546286.1	3098388.6	546311.8	3098399.0	546307.6	3098397.3	546276.5	3098384.8
1180	546337.7	3098355.5	546307.2	3098343.2	546330.0	3098352.5	546326.5	3098351.1	546296.2	3098338.8
1181	546359.9	3098310.6	546330.0	3098298.5	546347.2	3098305.5	546346.3	3098305.1	546317.0	3098293.3
1182	546381.3	3098265.3	546352.6	3098253.7	546365.6	3098259.0	546366.3	3098259.3	546337.0	3098247.4
1183	546399.8	3098218.9	546373.5	3098208.2	546388.6	3098214.3	546381.6	3098211.5	546356.9	3098201.5
1184	546418.9	3098172.7	546394.3	3098162.7	546411.8	3098169.8	546402.9	3098166.2	546376.6	3098155.6
1185	546440.8	3098127.6	546413.6	3098116.6	546433.2	3098124.5	546425.7	3098121.5	546397.1	3098109.9
1186	546462.7	3098082.5	546432.9	3098070.5	546453.9	3098078.9	546444.9	3098075.3	546418.0	3098064.4
1187	546483.7	3098037.1	546452.7	3098024.5	546475.8	3098033.9	546464.8	3098029.4	546439.5	3098019.2
1188	546504.7	3097991.6	546472.7	3097978.7	546497.6	3097988.8	546485.0	3097983.7	546461.6	3097974.2
1189	546525.7	3097946.2	546496.5	3097934.4	546519.4	3097943.6	546507.5	3097938.8	546485.6	3097930.0
1190	546546.9	3097900.8	546518.4	3097889.3	546539.8	3097897.9	546533.2	3097895.3	546504.9	3097883.8
1191	546568.8	3097855.7	546539.1	3097843.7	546559.9	3097852.1	546553.9	3097849.7	546526.9	3097838.8
1192	546590.6	3097810.6	546560.1	3097798.3	546583.7	3097807.8	546575.1	3097804.4	546548.0	3097793.4
1193	546610.2	3097764.6	546579.4	3097752.2	546606.0	3097762.9	546592.5	3097757.5	546570.3	3097748.5
1194	546629.9	3097718.6	546599.2	3097706.2	546628.3	3097718.0	546608.2	3097709.9	546591.4	3097703.1
1195	546650.1	3097672.9	546620.0	3097660.7	546648.6	3097672.3	546628.5	3097664.2	546612.2	3097657.6
1196	546670.6	3097627.2	546642.0	3097615.7	546669.2	3097626.7	546648.8	3097618.4	546633.6	3097612.3
1197	546692.1	3097582.0	546663.0	3097570.2	546692.1	3097582.0	546669.9	3097573.0	546653.3	3097566.3
1198	546713.5	3097536.7	546683.9	3097524.8	546714.6	3097537.2	546694.9	3097529.2	546674.2	3097520.8
1199	546734.6	3097491.3	546705.1	3097479.4	546735.4	3097491.6	546717.8	3097484.5	546695.3	3097475.4
1200	546755.9	3097446.0	546726.3	3097434.0	546757.5	3097446.6	546740.1	3097439.6	546717.5	3097430.5
1201	546777.5	3097400.8	546747.5	3097388.7	546777.8	3097400.9	546759.8	3097393.6	546738.7	3097385.1
1202	546797.9	3097355.1	546769.3	3097343.5	546797.4	3097354.9	546781.6	3097348.5	546759.8	3097339.7
1203	546818.1	3097309.4	546791.5	3097298.6	546816.2	3097308.6	546804.3	3097303.7	546780.9	3097294.3
1204	546840.5	3097264.4	546812.5	3097253.1	546835.1	3097262.3	546825.6	3097258.4	546802.2	3097249.0
1205	546862.0	3097219.2	546832.7	3097207.4	546853.2	3097215.7	546847.2	3097213.2	546823.3	3097203.6
1206	546882.7	3097173.7	546852.8	3097161.6	546871.9	3097169.3	546870.1	3097168.6	546843.9	3097158.0
1207	546903.5	3097128.1	546873.3	3097115.9	546894.8	3097124.6	546894.2	3097124.4	546865.8	3097112.9
1208	546924.3	3097082.6	546893.9	3097070.3	546917.4	3097079.8	546915.6	3097079.1	546895.4	3097070.9
1209	546943.3	3097036.4	546914.7	3097024.8	546940.7	3097035.3	546935.3	3097033.2	546908.4	3097022.3
1210	546963.3	3096990.5	546937.2	3096980.0	546963.6	3096990.6	546958.3	3096988.5	546930.6	3096977.3
1211	546986.9	3096946.1	546959.0	3096934.9	546985.7	3096945.7	546979.4	3096943.1	546953.0	3096932.4
1212	547006.0	3096899.9	546980.2	3096889.5	547009.6	3096901.4	546999.1	3096897.1	546975.2	3096887.5
1213	547025.1	3096853.7	547001.2	3096844.1	547032.5	3096856.7	547017.4	3096850.6	546998.3	3096842.9
1214	547045.6	3096808.0	547022.0	3096798.5	547051.0	3096810.2	547040.2	3096805.9	547019.9	3096797.7
1215	547069.6	3096763.8	547042.6	3096752.9	547066.4	3096762.5	547060.7	3096760.2	547041.6	3096752.5
1216	547088.5	3096717.6	547062.9	3096707.2	547086.8	3096716.8	547078.9	3096713.6	547062.7	3096707.1
1217	547108.5	3096671.7	547083.1	3096661.4	547105.8	3096670.6	547101.7	3096669.0	547083.2	3096661.5
1218	547131.2	3096626.9	547102.4	3096615.3	547131.9	3096627.2	547122.0	3096623.2	547103.6	3096615.8
1219	547150.4	3096580.8	547121.6	3096569.1	547156.3	3096583.2	547142.9	3096577.7	547124.8	3096570.4
1220	547170.3	3096534.9	547140.8	3096523.0	547178.6	3096538.2	547164.7	3096532.6	547146.7	3096525.3
1221	547190.4	3096489.1	547163.3	3096478.1	547196.2	3096491.4	547186.3	3096487.4	547168.5	3096480.2
1222	547210.9	3096443.4	547186.4	3096433.5	547218.3	3096446.4	547205.5	3096441.2	547191.0	3096435.4
1223	547233.4	3096398.6	547207.1	3096388.0	547239.1	3096400.9	547227.3	3096396.1	547212.4	3096390.1
1224	547254.8	3096353.3	547225.3	3096341.4	547259.4	3096355.2	547247.5	3096350.4	547234.4	3096345.1
1225	547275.9	3096307.9	547243.4	3096294.8	547280.5	3096309.8	547268.1	3096304.8	547255.2	3096299.6
1226	547298.1	3096263.0	547263.8	3096249.1	547304.0	3096265.4	547289.4	3096259.4	547276.0	3096254.0
1227	547317.6	3096216.9	547285.2	3096203.8	547325.3	3096220.0	547311.1	3096214.3	547296.2	3096208.3
1228	547336.3	3096170.5	547306.6	3096158.5	547347.1	3096174.9	547331.5	3096168.6	547317.0	3096162.7
1229	547357.5	3096125.2	547328.0	3096113.3	547367.1	3096129.1	547351.5	3096122.8	547337.8	3096117.2
1230	547377.9	3096079.5	547347.7	3096067.3	547381.7	3096081.0	547372.4	3096077.3	547357.7	3096071.3
1231	547396.9	3096033.3	547367.2	3096021.2	547399.8	3096034.4	547392.1	3096031.3	547378.4	3096025.8
1232	547417.8	3095987.8	547389.2	3095976.2	547420.3	3095988.8	547415.9	3095987.0	547397.8	3095979.7

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1233	-0.7	0.0	0.0	-0.2	1.8	0.8	0.1	-0.2	-0.5	-0.7
1234	-0.7	0.1	-0.1	-0.2	2.0	0.8	0.1	-0.4	-0.6	-0.7
1235	-0.7	0.1	0.0	-0.2	2.0	0.8	0.1	-0.3	-0.6	-0.7
1236	-0.7	0.0	-0.1	-0.2	1.8	0.7	0.1	-0.3	-0.5	-0.7
1237	-0.8	0.0	-0.1	-0.2	1.9	0.7	0.1	-0.4	-0.5	-0.7
1238	-0.7	0.0	-0.1	-0.2	2.0	0.7	0.1	-0.6	-0.6	-0.6
1239	-0.7	0.1	-0.1	-0.3	2.1	0.7	0.1	-0.6	-0.7	-0.7
1240	-0.7	0.0	-0.1	-0.2	1.9	0.6	0.1	-0.6	-0.6	-0.6
1241	-0.7	0.1	-0.1	-0.2	1.8	0.6	0.1	-0.6	-0.6	-0.6
1242	-0.6	0.1	-0.1	-0.2	1.8	0.6	0.0	-0.5	-0.6	-0.7
1243	-0.6	0.1	-0.1	-0.2	1.7	0.5	0.0	-0.6	-0.6	-0.6
1244	-0.6	0.0	-0.1	-0.2	1.7	0.5	0.0	-0.6	-0.6	-0.6
1245	-0.6	0.0	-0.1	-0.3	1.6	0.4	0.0	-0.6	-0.6	-0.6
1246	-0.7	0.0	-0.2	-0.3	1.7	0.4	0.0	-0.7	-0.6	-0.6
1247	-0.6	0.0	-0.1	-0.3	1.8	0.5	0.0	-0.7	-0.7	-0.7
1248	-0.5	0.0	-0.1	-0.2	1.5	0.5	0.0	-0.5	-0.6	-0.7
1249	-0.5	0.1	-0.1	-0.2	1.7	0.4	-0.1	-0.8	-0.7	-0.7
1250	-0.5	0.1	0.0	-0.2	1.5	0.5	-0.1	-0.5	-0.6	-0.7
1251	-0.4	0.1	0.0	-0.2	1.5	0.4	-0.1	-0.5	-0.6	-0.7
1252	-0.4	0.2	0.0	-0.2	1.7	0.4	-0.1	-0.7	-0.7	-0.7
1253	-0.4	0.2	0.0	-0.2	1.7	0.4	-0.1	-0.8	-0.7	-0.7
1254	-0.4	0.2	0.0	-0.2	1.8	0.5	-0.1	-0.8	-0.7	-0.7
1255	-0.3	0.3	0.1	-0.1	1.9	0.5	0.0	-0.7	-0.7	-0.8
1256	-0.2	0.3	0.1	-0.1	1.6	0.5	-0.1	-0.5	-0.7	-0.8
1257	-0.2	0.4	0.1	-0.1	1.7	0.5	-0.1	-0.7	-0.7	-0.7
1258	-0.1	0.4	0.1	-0.1	1.7	0.4	-0.1	-0.8	-0.7	-0.7
1259	-0.1	0.4	0.1	-0.1	1.6	0.3	-0.1	-0.8	-0.8	-0.7
1260	-0.2	0.4	0.0	-0.1	1.7	0.3	-0.1	-1.1	-0.8	-0.6
1261	-0.2	0.4	0.0	-0.1	1.8	0.3	-0.1	-1.1	-0.8	-0.6
1262	-0.2	0.4	0.0	-0.1	1.7	0.3	-0.1	-1.0	-0.7	-0.5
1263	-0.1	0.3	0.1	-0.1	1.3	0.2	-0.1	-0.8	-0.6	-0.5
1264	0.0	0.3	0.1	-0.1	1.3	0.2	-0.1	-0.7	-0.6	-0.6
1265	0.0	0.4	0.1	-0.1	1.3	0.2	-0.1	-0.8	-0.7	-0.5
1266	-0.1	0.4	0.0	-0.1	1.4	0.2	-0.1	-1.0	-0.7	-0.5
1267	-0.1	0.3	0.0	-0.1	1.2	0.2	-0.1	-0.8	-0.6	-0.5
1268	-0.1	0.2	0.0	-0.1	1.1	0.2	-0.1	-0.7	-0.6	-0.4
1269	-0.2	0.3	-0.1	-0.1	1.4	0.1	-0.1	-1.1	-0.7	-0.3
1270	-0.2	0.2	-0.1	-0.1	1.3	0.1	-0.1	-1.0	-0.6	-0.4
1271	-0.2	0.2	-0.1	-0.2	1.2	0.2	-0.1	-0.8	-0.6	-0.5
1272	-0.3	0.1	-0.1	-0.2	1.1	0.2	-0.1	-0.6	-0.5	-0.5
1273	-0.3	0.1	0.0	-0.2	1.2	0.3	-0.1	-0.6	-0.5	-0.5
1274	-0.3	0.1	-0.1	-0.2	1.2	0.2	-0.1	-0.7	-0.6	-0.5
1275	-0.3	0.1	-0.1	-0.2	1.2	0.2	-0.1	-0.8	-0.6	-0.4
1276	-0.2	0.2	-0.1	-0.2	1.1	0.0	-0.1	-1.0	-0.6	-0.3
1277	-0.1	0.2	-0.1	-0.1	1.0	0.0	-0.1	-1.0	-0.6	-0.3
1278	0.0	0.3	0.0	-0.1	1.1	0.0	-0.2	-0.9	-0.6	-0.4
1279	0.1	0.3	0.0	-0.1	0.9	-0.1	-0.2	-0.9	-0.6	-0.4
1280	-0.1	0.3	0.0	-0.1	1.0	0.0	-0.1	-1.0	-0.6	-0.3
1281	-0.1	0.2	0.0	-0.1	1.1	0.0	-0.1	-0.9	-0.6	-0.3
1282	-0.1	0.3	0.0	-0.1	1.3	0.0	-0.1	-1.1	-0.7	-0.3
1283	0.0	0.3	0.0	-0.1	1.1	0.0	-0.1	-1.1	-0.6	-0.3
1284	0.0	0.3	0.0	-0.1	1.1	0.0	-0.2	-1.0	-0.6	-0.4
1285	0.0	0.3	0.0	-0.1	1.0	0.0	-0.2	-1.0	-0.6	-0.4
1286	-0.1	0.2	0.0	-0.1	1.0	0.0	-0.2	-1.0	-0.6	-0.4
1287	0.0	0.3	0.0	-0.1	1.0	0.0	-0.2	-0.8	-0.6	-0.5
1288	0.0	0.3	0.0	-0.1	1.1	0.1	-0.2	-0.9	-0.7	-0.5

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1233	547441.6	3095943.4	547410.2	3095930.7	547444.1	3095944.5	547439.4	3095942.6	547417.6	3095933.7
1234	547462.9	3095898.1	547428.7	3095884.3	547466.5	3095899.6	547458.7	3095896.4	547437.3	3095887.8
1235	547482.8	3095852.2	547449.7	3095838.9	547486.9	3095853.9	547480.0	3095851.1	547457.7	3095842.1
1236	547502.8	3095806.4	547469.9	3095793.1	547504.1	3095806.9	547498.3	3095804.6	547478.0	3095796.4
1237	547524.3	3095761.2	547489.5	3095747.1	547525.3	3095761.6	547517.6	3095758.5	547498.0	3095750.5
1238	547545.4	3095715.7	547510.9	3095701.8	547548.6	3095717.0	547537.2	3095712.4	547518.4	3095704.8
1239	547566.5	3095670.4	547532.4	3095656.6	547570.8	3095672.1	547559.3	3095667.4	547537.6	3095658.7
1240	547587.1	3095624.8	547553.8	3095611.3	547589.4	3095625.7	547576.7	3095620.5	547558.4	3095613.2
1241	547605.6	3095578.3	547575.3	3095566.0	547608.9	3095579.6	547597.2	3095574.9	547579.0	3095567.5
1242	547624.2	3095531.9	547596.4	3095520.7	547629.2	3095533.9	547619.3	3095529.9	547599.5	3095521.9
1243	547644.8	3095486.3	547617.7	3095475.3	547650.0	3095488.4	547637.5	3095483.3	547618.6	3095475.7
1244	547667.4	3095441.5	547639.2	3095430.1	547670.3	3095442.7	547657.3	3095437.4	547639.5	3095430.2
1245	547690.0	3095396.7	547660.4	3095384.7	547689.6	3095396.5	547677.5	3095391.6	547659.5	3095384.4
1246	547712.0	3095351.6	547680.9	3095339.1	547711.5	3095351.5	547697.8	3095345.9	547679.9	3095338.7
1247	547731.4	3095305.6	547701.4	3095293.4	547734.0	3095306.6	547720.7	3095301.3	547701.0	3095293.3
1248	547749.4	3095258.9	547724.3	3095248.8	547752.5	3095260.2	547742.0	3095255.9	547721.2	3095247.5
1249	547769.1	3095212.9	547746.8	3095203.9	547778.4	3095216.7	547762.5	3095210.3	547742.3	3095202.1
1250	547788.3	3095166.8	547767.0	3095158.2	547794.7	3095169.4	547784.6	3095165.3	547762.8	3095156.5
1251	547807.7	3095120.7	547787.4	3095112.5	547814.5	3095123.4	547803.6	3095119.0	547783.2	3095110.8
1252	547828.7	3095075.2	547808.4	3095067.0	547839.3	3095079.5	547825.7	3095074.0	547803.4	3095065.0
1253	547847.5	3095028.9	547829.3	3095021.5	547861.0	3095034.4	547845.3	3095028.0	547824.1	3095019.4
1254	547866.1	3094982.5	547849.1	3094975.6	547881.9	3094988.9	547866.6	3094982.7	547844.9	3094973.9
1255	547882.8	3094935.3	547868.0	3094929.3	547903.2	3094943.6	547888.8	3094937.7	547865.8	3094928.5
1256	547900.4	3094888.5	547889.8	3094884.2	547919.8	3094896.3	547909.5	3094892.2	547886.1	3094882.7
1257	547919.7	3094842.4	547912.1	3094839.3	547943.4	3094851.9	547929.6	3094846.4	547907.2	3094837.3
1258	547940.2	3094796.7	547934.9	3094794.6	547965.8	3094807.1	547949.6	3094800.5	547928.2	3094791.9
1259	547963.4	3094752.2	547957.8	3094749.9	547988.2	3094762.2	547971.1	3094755.3	547948.9	3094746.3
1260	547985.9	3094707.3	547977.6	3094704.0	548009.7	3094716.9	547987.8	3094708.1	547970.0	3094700.9
1261	548004.8	3094661.1	547997.3	3094658.0	548030.5	3094671.4	548008.1	3094662.4	547991.2	3094655.6
1262	548024.4	3094615.0	548016.9	3094612.0	548048.0	3094624.6	548028.1	3094616.5	548012.3	3094610.2
1263	548044.2	3094569.1	548040.6	3094567.7	548065.3	3094577.6	548048.7	3094570.9	548033.2	3094564.7
1264	548063.0	3094522.8	548062.2	3094522.4	548085.5	3094531.9	548070.4	3094525.8	548053.8	3094519.1
1265	548082.7	3094476.8	548082.4	3094476.7	548106.5	3094486.4	548089.8	3094479.7	548073.6	3094473.1
1266	548105.4	3094432.0	548102.4	3094430.8	548128.9	3094441.5	548108.2	3094433.2	548094.5	3094427.7
1267	548128.1	3094387.3	548122.8	3094385.1	548144.8	3094394.1	548129.4	3094387.8	548115.4	3094382.2
1268	548150.2	3094342.3	548143.3	3094339.5	548164.3	3094348.0	548149.3	3094341.9	548136.3	3094336.7
1269	548172.3	3094297.3	548164.1	3094294.0	548189.6	3094304.3	548167.2	3094295.2	548156.9	3094291.1
1270	548195.8	3094252.9	548185.7	3094248.8	548209.9	3094258.6	548190.5	3094250.7	548179.5	3094246.3
1271	548218.3	3094208.1	548208.2	3094204.0	548229.9	3094212.7	548214.1	3094206.3	548199.8	3094200.6
1272	548240.5	3094163.1	548227.9	3094158.0	548247.9	3094166.1	548236.2	3094161.3	548222.2	3094155.7
1273	548262.0	3094117.8	548248.4	3094112.3	548270.8	3094121.4	548258.3	3094116.4	548243.5	3094110.4
1274	548284.9	3094073.2	548271.4	3094067.7	548294.0	3094076.8	548279.3	3094070.9	548264.9	3094065.1
1275	548308.3	3094028.7	548294.6	3094023.1	548315.9	3094031.8	548300.5	3094025.6	548287.1	3094020.1
1276	548326.5	3093982.1	548317.8	3093978.6	548337.5	3093986.6	548317.0	3093978.3	548308.8	3093975.0
1277	548344.8	3093935.6	548340.9	3093934.0	548360.0	3093941.7	548340.4	3093933.8	548330.8	3093929.9
1278	548364.4	3093889.6	548363.4	3093889.2	548383.4	3093897.3	548364.3	3093889.5	548352.5	3093884.8
1279	548385.3	3093844.1	548388.0	3093845.2	548404.6	3093851.9	548385.5	3093844.2	548374.4	3093839.7
1280	548408.5	3093799.6	548405.8	3093798.4	548425.2	3093806.3	548405.2	3093798.2	548396.4	3093794.7
1281	548431.0	3093754.7	548426.5	3093752.9	548446.4	3093760.9	548428.0	3093753.5	548418.5	3093749.7
1282	548453.4	3093709.8	548450.2	3093708.6	548474.7	3093718.4	548451.4	3093709.0	548441.0	3093704.8
1283	548474.4	3093664.4	548473.4	3093664.0	548494.7	3093672.6	548472.5	3093663.6	548463.2	3093659.9
1284	548497.1	3093619.7	548496.4	3093619.4	548516.6	3093627.5	548496.2	3093619.3	548485.1	3093614.8
1285	548520.9	3093575.3	548518.7	3093574.4	548537.6	3093582.1	548517.8	3093574.1	548506.5	3093569.5
1286	548543.5	3093530.5	548540.9	3093529.5	548559.5	3093537.0	548539.8	3093529.0	548528.0	3093524.2
1287	548564.9	3093485.2	548563.1	3093484.5	548581.3	3093491.9	548564.8	3093485.2	548550.0	3093479.2
1288	548586.7	3093440.1	548585.2	3093439.5	548605.6	3093447.8	548588.1	3093440.7	548572.8	3093434.5

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1289	-0.1	0.3	0.0	-0.1	1.4	0.1	-0.1	-1.0	-0.7	-0.5
1290	-0.2	0.3	0.0	-0.1	1.6	0.2	0.0	-1.0	-0.6	-0.4
1291	-0.2	0.3	0.0	-0.1	1.5	0.3	0.0	-0.8	-0.6	-0.4
1292	-0.1	0.3	0.0	-0.1	1.5	0.2	0.0	-1.0	-0.6	-0.3
1293	-0.1	0.3	0.1	0.0	1.3	0.3	0.0	-0.7	-0.5	-0.4
1294	-0.1	0.3	0.1	0.0	1.2	0.3	0.0	-0.4	-0.4	-0.4
1295	0.0	0.3	0.1	0.0	1.1	0.3	0.0	-0.4	-0.4	-0.4
1296	0.0	0.3	0.1	0.0	1.1	0.4	0.0	-0.3	-0.4	-0.5
1297	-0.1	0.3	0.2	0.0	1.1	0.4	0.0	-0.2	-0.4	-0.6
1298	-0.1	0.2	0.1	0.0	1.0	0.4	0.0	-0.1	-0.4	-0.5
1299	-0.1	0.2	0.1	0.0	0.9	0.4	0.0	0.0	-0.3	-0.6
1300	-0.1	0.2	0.2	0.0	1.0	0.5	0.0	0.1	-0.3	-0.6
1301	-0.2	0.2	0.1	0.0	1.1	0.5	0.1	-0.1	-0.3	-0.5
1302	-0.2	0.2	0.1	0.0	1.2	0.5	0.1	-0.1	-0.4	-0.5
1303	-0.2	0.2	0.2	0.0	1.2	0.6	0.1	0.0	-0.3	-0.6
1304	-0.2	0.2	0.2	0.0	1.4	0.6	0.1	0.0	-0.4	-0.6
1305	-0.2	0.2	0.2	0.0	1.3	0.7	0.1	0.1	-0.3	-0.5
1306	-0.2	0.3	0.2	0.0	1.3	0.7	0.2	0.1	-0.3	-0.5
1307	-0.1	0.3	0.2	0.0	1.3	0.7	0.2	0.0	-0.3	-0.4
1308	-0.1	0.3	0.3	0.1	1.4	0.7	0.2	0.1	-0.2	-0.5
1309	-0.1	0.3	0.3	0.1	1.4	0.7	0.2	0.1	-0.2	-0.5
1310	-0.1	0.3	0.3	0.1	1.4	0.8	0.2	0.2	-0.3	-0.6
1311	-0.1	0.3	0.3	0.1	1.4	0.8	0.2	0.2	-0.2	-0.5
1312	-0.1	0.3	0.3	0.1	1.3	0.8	0.2	0.3	-0.2	-0.5
1313	0.0	0.2	0.3	0.1	0.9	0.8	0.2	0.7	-0.1	-0.6
1314	0.0	0.2	0.4	0.1	0.9	0.8	0.2	0.8	0.0	-0.6
1315	0.0	0.2	0.4	0.1	0.9	0.9	0.2	1.0	0.0	-0.7
1316	0.0	0.2	0.4	0.1	0.8	0.9	0.2	1.0	0.0	-0.8
1317	0.0	0.3	0.4	0.1	1.1	1.0	0.2	0.8	-0.1	-0.8
1318	0.0	0.3	0.4	0.1	1.1	1.0	0.2	0.9	-0.1	-0.8
1319	-0.1	0.3	0.4	0.1	1.3	1.0	0.2	0.7	-0.2	-0.8
1320	-0.1	0.4	0.4	0.1	1.6	1.0	0.3	0.5	-0.2	-0.7
1321	-0.2	0.4	0.4	0.1	1.8	1.0	0.3	0.3	-0.3	-0.7
1322	-0.2	0.4	0.4	0.1	1.9	1.1	0.3	0.4	-0.3	-0.7
1323	-0.3	0.3	0.4	0.1	1.8	1.2	0.3	0.5	-0.3	-0.8
1324	-0.3	0.3	0.4	0.1	1.7	1.1	0.3	0.7	-0.2	-0.8
1325	-0.2	0.3	0.4	0.1	1.4	1.0	0.2	0.7	-0.2	-0.8
1326	-0.2	0.3	0.4	0.1	1.5	1.0	0.2	0.5	-0.3	-0.8
1327	-0.2	0.3	0.3	0.0	1.5	0.9	0.2	0.4	-0.3	-0.8
1328	-0.1	0.3	0.3	0.1	1.2	0.9	0.2	0.6	-0.2	-0.7
1329	-0.1	0.2	0.3	0.1	1.1	0.8	0.2	0.6	-0.2	-0.7
1330	-0.1	0.2	0.3	0.1	1.1	0.8	0.2	0.5	-0.2	-0.7
1331	-0.1	0.3	0.3	0.1	1.1	0.7	0.2	0.4	-0.2	-0.6
1332	-0.1	0.3	0.3	0.0	1.2	0.7	0.1	0.3	-0.2	-0.6
1333	-0.1	0.3	0.2	0.0	1.3	0.6	0.1	0.0	-0.3	-0.6
1334	-0.1	0.3	0.2	0.0	1.3	0.6	0.1	-0.1	-0.3	-0.5
1335	-0.2	0.2	0.2	0.0	1.3	0.7	0.1	0.1	-0.3	-0.5
1336	-0.3	0.2	0.2	0.0	1.4	0.7	0.2	0.0	-0.3	-0.5
1337	-0.3	0.2	0.1	0.0	1.3	0.7	0.2	0.1	-0.2	-0.5
1338	-0.2	0.1	0.1	0.0	1.1	0.5	0.1	-0.1	-0.3	-0.4
1339	-0.3	0.1	0.1	-0.1	1.3	0.5	0.1	-0.2	-0.3	-0.5
1340	-0.4	0.1	0.1	-0.1	1.4	0.6	0.1	-0.2	-0.4	-0.5
1341	-0.3	0.1	0.1	-0.1	1.0	0.6	0.1	0.2	-0.3	-0.6
1342	-0.2	0.0	0.1	-0.1	0.7	0.5	0.0	0.2	-0.2	-0.6
1343	-0.3	0.1	0.1	-0.1	1.1	0.6	0.0	0.1	-0.4	-0.7
1344	-0.4	0.1	0.1	-0.1	1.5	0.7	0.1	0.0	-0.5	-0.8

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1289	548611.1	3093396.1	548605.9	3093393.9	548631.7	3093404.4	548611.5	3093396.2	548597.1	3093390.4
1290	548634.5	3093351.6	548625.1	3093347.8	548653.9	3093359.4	548634.2	3093351.5	548623.2	3093347.0
1291	548656.1	3093306.4	548647.7	3093303.0	548675.0	3093314.0	548658.0	3093307.1	548646.8	3093302.6
1292	548677.6	3093261.2	548672.9	3093259.3	548699.9	3093270.2	548679.5	3093261.9	548670.8	3093258.4
1293	548698.4	3093215.6	548694.7	3093214.1	548719.6	3093224.2	548704.9	3093218.2	548694.2	3093213.9
1294	548718.9	3093170.0	548716.5	3093169.0	548738.0	3093177.7	548729.1	3093174.1	548716.7	3093169.1
1295	548741.9	3093125.3	548739.8	3093124.5	548760.7	3093132.9	548753.0	3093129.8	548739.8	3093124.5
1296	548765.1	3093080.8	548763.1	3093080.0	548782.8	3093088.0	548777.1	3093085.6	548761.7	3093079.4
1297	548787.4	3093035.9	548784.9	3093034.9	548805.7	3093043.3	548801.5	3093041.6	548783.9	3093034.5
1298	548809.9	3092991.0	548806.3	3092989.6	548824.4	3092996.9	548821.7	3092995.8	548806.6	3092989.7
1299	548833.2	3092946.5	548828.2	3092944.5	548845.1	3092951.3	548845.5	3092951.5	548828.6	3092944.7
1300	548856.2	3092901.9	548850.0	3092899.4	548867.8	3092906.6	548869.4	3092907.2	548851.4	3092900.0
1301	548878.8	3092857.1	548871.4	3092854.1	548892.4	3092862.6	548890.2	3092861.7	548875.0	3092855.6
1302	548901.3	3092812.3	548893.6	3092809.2	548915.8	3092818.1	548913.4	3092817.1	548898.0	3092810.9
1303	548923.9	3092767.5	548915.5	3092764.1	548938.3	3092773.3	548938.6	3092773.4	548921.1	3092766.3
1304	548945.8	3092722.4	548936.7	3092718.7	548961.9	3092728.9	548961.9	3092728.9	548944.0	3092721.7
1305	548967.6	3092677.3	548958.1	3092673.4	548982.1	3092683.1	548984.0	3092683.9	548967.7	3092677.3
1306	548987.9	3092631.5	548979.7	3092628.2	549004.3	3092638.2	549005.5	3092638.6	548990.4	3092632.6
1307	549007.9	3092585.7	549001.5	3092583.1	549026.4	3092593.2	549026.7	3092593.3	549013.4	3092587.9
1308	549029.1	3092540.3	549023.4	3092538.0	549048.8	3092548.3	549051.4	3092549.3	549036.8	3092543.4
1309	549050.6	3092495.1	549045.8	3092493.2	549071.8	3092503.7	549074.2	3092504.6	549059.6	3092498.7
1310	549073.3	3092450.3	549068.1	3092448.2	549093.2	3092458.4	549097.6	3092460.2	549080.3	3092453.2
1311	549095.5	3092405.4	549089.7	3092403.0	549115.8	3092413.6	549119.3	3092415.0	549103.9	3092408.8
1312	549115.8	3092359.6	549111.6	3092358.0	549134.8	3092367.3	549141.7	3092370.1	549126.2	3092363.9
1313	549135.6	3092313.7	549133.7	3092313.0	549151.2	3092320.0	549165.3	3092325.7	549147.9	3092318.7
1314	549155.5	3092267.8	549155.3	3092267.8	549171.2	3092274.2	549187.9	3092280.9	549169.7	3092273.6
1315	549178.0	3092223.0	549176.6	3092222.5	549193.0	3092229.1	549212.6	3092237.0	549191.6	3092228.5
1316	549199.8	3092177.9	549198.9	3092177.5	549213.9	3092183.6	549235.2	3092192.2	549212.2	3092182.9
1317	549219.7	3092132.0	549220.9	3092132.5	549240.8	3092140.5	549257.8	3092147.4	549234.0	3092137.8
1318	549242.2	3092087.2	549242.4	3092087.2	549262.3	3092095.3	549279.5	3092102.2	549255.8	3092092.7
1319	549265.5	3092042.7	549262.6	3092041.5	549286.9	3092051.3	549300.3	3092056.7	549277.3	3092047.4
1320	549288.8	3091998.1	549282.3	3091995.5	549312.3	3092007.7	549322.1	3092011.6	549299.9	3092002.6
1321	549311.9	3091953.6	549302.0	3091949.6	549336.1	3091963.3	549342.5	3091965.9	549322.6	3091957.9
1322	549334.8	3091908.9	549323.6	3091904.3	549358.7	3091918.5	549367.0	3091921.9	549345.0	3091913.0
1323	549357.8	3091864.2	549345.8	3091859.4	549379.7	3091873.1	549390.6	3091877.5	549366.0	3091867.6
1324	549380.8	3091819.6	549368.3	3091814.5	549399.4	3091827.1	549412.7	3091832.5	549388.3	3091822.6
1325	549402.3	3091774.4	549394.5	3091771.2	549420.2	3091781.6	549435.0	3091787.6	549410.0	3091777.5
1326	549424.6	3091729.4	549417.4	3091726.5	549444.9	3091737.7	549455.5	3091741.9	549432.2	3091732.5
1327	549450.6	3091686.0	549440.5	3091682.0	549468.3	3091693.2	549477.3	3091696.8	549454.1	3091687.4
1328	549470.0	3091640.0	549463.7	3091637.4	549486.5	3091646.6	549497.8	3091651.2	549476.1	3091642.4
1329	549490.7	3091594.4	549486.3	3091592.6	549506.9	3091600.9	549518.0	3091605.4	549496.7	3091596.8
1330	549512.5	3091549.3	549507.8	3091547.4	549528.3	3091555.6	549537.9	3091559.5	549518.3	3091551.6
1331	549532.2	3091503.3	549529.4	3091502.1	549549.3	3091510.2	549558.1	3091513.7	549540.0	3091506.4
1332	549556.6	3091459.2	549551.5	3091457.2	549574.1	3091466.3	549579.2	3091468.3	549561.6	3091461.2
1333	549580.2	3091414.8	549575.0	3091412.7	549599.4	3091422.6	549599.8	3091422.8	549583.2	3091416.0
1334	549602.9	3091370.1	549598.3	3091368.2	549621.5	3091377.6	549619.9	3091376.9	549604.6	3091370.8
1335	549626.8	3091325.8	549617.1	3091321.9	549641.3	3091331.7	549642.3	3091332.1	549626.7	3091325.7
1336	549650.7	3091281.5	549636.8	3091275.9	549663.0	3091286.5	549663.9	3091286.9	549648.8	3091280.8
1337	549673.2	3091236.7	549659.3	3091231.1	549683.2	3091240.7	549684.8	3091241.4	549670.7	3091235.7
1338	549696.2	3091192.1	549685.5	3091187.7	549705.7	3091195.9	549704.7	3091195.5	549692.0	3091190.4
1339	549721.8	3091148.5	549706.8	3091142.4	549730.7	3091152.1	549727.7	3091150.8	549713.7	3091145.2
1340	549744.9	3091103.9	549728.1	3091097.1	549753.4	3091107.3	549750.4	3091106.1	549735.9	3091100.2
1341	549765.7	3091058.4	549752.5	3091053.0	549771.1	3091060.5	549774.2	3091061.8	549757.4	3091055.0
1342	549787.4	3091013.2	549776.6	3091008.8	549790.0	3091014.3	549794.8	3091016.2	549778.1	3091009.4
1343	549810.1	3090968.5	549795.6	3090962.6	549816.5	3090971.0	549819.4	3090972.2	549798.4	3090963.7
1344	549834.4	3090924.4	549815.0	3090916.5	549843.3	3090927.9	549843.4	3090928.0	549819.2	3090918.2

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1345	-0.4	0.2	0.1	-0.1	1.7	0.8	0.1	0.1	-0.5	-0.9
1346	-0.5	0.1	0.1	-0.1	1.6	0.8	0.1	0.1	-0.4	-0.8
1347	-0.4	0.2	0.1	-0.1	1.8	0.8	0.1	-0.1	-0.5	-0.8
1348	-0.4	0.2	0.1	-0.1	1.8	0.8	0.1	-0.2	-0.6	-0.8
1349	-0.4	0.1	0.1	-0.1	1.6	0.8	0.1	0.0	-0.5	-0.8
1350	-0.4	0.1	0.1	-0.1	1.4	0.8	0.1	0.1	-0.4	-0.8
1351	-0.4	0.1	0.1	-0.1	1.4	0.8	0.1	0.3	-0.4	-0.8
1352	-0.4	0.1	0.2	-0.1	1.5	0.9	0.1	0.3	-0.4	-0.8
1353	-0.3	0.1	0.2	-0.1	1.2	0.8	0.1	0.4	-0.3	-0.8
1354	-0.3	0.1	0.2	-0.1	1.0	0.7	0.0	0.5	-0.3	-0.9
1355	-0.2	0.2	0.2	-0.1	1.1	0.7	0.0	0.2	-0.4	-0.9
1356	-0.3	0.2	0.2	-0.1	1.4	0.7	0.0	0.0	-0.5	-0.8
1357	-0.3	0.3	0.2	-0.1	1.7	0.8	0.1	0.0	-0.5	-0.8
1358	-0.3	0.2	0.2	-0.1	1.6	0.7	0.1	-0.1	-0.5	-0.8
1359	-0.4	0.2	0.1	-0.1	1.6	0.7	0.1	-0.2	-0.5	-0.7
1360	-0.3	0.2	0.1	-0.1	1.6	0.6	0.0	-0.3	-0.5	-0.6
1361	-0.2	0.2	0.1	-0.1	1.3	0.5	0.0	-0.1	-0.4	-0.6
1362	-0.1	0.2	0.1	-0.1	1.1	0.4	0.0	-0.1	-0.4	-0.6
1363	-0.2	0.2	0.1	-0.1	1.3	0.4	0.0	-0.4	-0.5	-0.5
1364	-0.2	0.2	0.1	-0.1	1.1	0.5	0.0	-0.1	-0.4	-0.5
1365	-0.1	0.2	0.1	0.0	0.8	0.5	0.0	0.1	-0.3	-0.5
1366	-0.1	0.2	0.1	0.0	0.9	0.4	0.0	0.0	-0.3	-0.5
1367	-0.2	0.2	0.1	0.0	0.9	0.4	0.0	0.0	-0.3	-0.5
1368	-0.2	0.1	0.1	-0.1	0.9	0.4	0.0	0.0	-0.3	-0.5
1369	-0.2	0.1	0.1	-0.1	1.0	0.4	0.0	-0.2	-0.3	-0.4
1370	-0.2	0.1	0.1	-0.1	1.0	0.4	0.0	-0.2	-0.4	-0.5
1371	-0.2	0.2	0.1	-0.1	1.1	0.4	0.0	-0.2	-0.4	-0.5
1372	-0.1	0.1	0.1	-0.1	0.9	0.3	0.0	-0.1	-0.3	-0.4
1373	-0.2	0.1	0.0	-0.1	0.8	0.3	0.0	-0.2	-0.3	-0.3
1374	-0.2	0.2	0.0	-0.1	1.0	0.3	0.0	-0.4	-0.4	-0.3
1375	-0.2	0.2	0.0	-0.1	1.1	0.2	0.0	-0.5	-0.4	-0.3
1376	-0.2	0.2	0.0	-0.1	1.0	0.2	0.0	-0.5	-0.4	-0.3
1377	-0.2	0.2	0.0	-0.1	1.1	0.2	-0.1	-0.6	-0.5	-0.4
1378	-0.2	0.2	0.0	-0.1	1.2	0.3	-0.1	-0.6	-0.5	-0.5
1379	-0.1	0.2	0.1	-0.1	1.1	0.3	-0.1	-0.3	-0.5	-0.6
1380	-0.1	0.2	0.1	-0.1	1.1	0.4	0.0	-0.2	-0.5	-0.6
1381	-0.1	0.2	0.1	-0.1	1.1	0.4	0.0	-0.2	-0.4	-0.6
1382	-0.1	0.3	0.1	-0.1	1.4	0.4	0.0	-0.4	-0.5	-0.6
1383	-0.1	0.3	0.1	0.0	1.2	0.4	0.0	-0.3	-0.4	-0.5
1384	0.0	0.3	0.2	0.0	1.2	0.4	0.0	-0.3	-0.4	-0.5
1385	0.0	0.4	0.2	0.0	1.3	0.4	0.0	-0.4	-0.5	-0.6
1386	0.1	0.4	0.2	0.0	1.2	0.4	0.0	-0.4	-0.5	-0.5
1387	0.1	0.5	0.2	0.0	1.3	0.4	0.0	-0.5	-0.5	-0.6
1388	0.1	0.5	0.2	0.0	1.5	0.3	0.0	-0.7	-0.6	-0.5
1389	0.0	0.4	0.2	0.0	1.4	0.4	0.0	-0.6	-0.5	-0.5
1390	0.0	0.4	0.2	0.0	1.5	0.4	0.0	-0.6	-0.5	-0.5
1391	0.0	0.4	0.2	0.0	1.4	0.4	0.0	-0.5	-0.5	-0.4
1392	0.0	0.4	0.1	0.0	1.4	0.4	0.0	-0.6	-0.5	-0.4
1393	0.0	0.4	0.1	0.0	1.5	0.4	0.0	-0.7	-0.6	-0.4
1394	0.0	0.4	0.1	0.0	1.6	0.3	0.0	-0.8	-0.6	-0.5
1395	0.0	0.5	0.1	0.0	1.8	0.3	0.0	-1.0	-0.7	-0.5
1396	-0.1	0.4	0.1	0.0	1.7	0.4	0.0	-0.8	-0.6	-0.6
1397	-0.1	0.4	0.1	0.0	1.6	0.4	0.0	-0.6	-0.6	-0.5
1398	-0.1	0.3	0.1	0.0	1.4	0.4	0.0	-0.5	-0.5	-0.5
1399	0.0	0.3	0.1	0.0	1.2	0.3	0.0	-0.5	-0.5	-0.5
1400	0.0	0.3	0.1	0.0	1.1	0.3	-0.1	-0.5	-0.5	-0.5

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1345	549856.5	3090879.3	549835.7	3090870.9	549866.4	3090883.3	549868.0	3090884.0	549841.8	3090873.4
1346	549878.0	3090834.1	549856.4	3090825.4	549886.8	3090837.7	549889.1	3090838.6	549864.5	3090828.7
1347	549900.3	3090789.2	549879.8	3090780.9	549912.8	3090794.2	549911.2	3090793.6	549886.3	3090783.5
1348	549923.2	3090744.5	549903.5	3090736.5	549937.1	3090750.1	549933.4	3090748.6	549909.1	3090738.8
1349	549946.4	3090700.0	549926.8	3090692.0	549956.1	3090703.9	549956.0	3090703.8	549931.9	3090694.1
1350	549969.0	3090655.2	549949.8	3090647.4	549976.3	3090658.1	549978.9	3090659.1	549954.4	3090649.3
1351	549990.6	3090610.0	549970.6	3090601.9	549996.7	3090612.4	550002.1	3090614.6	549976.7	3090604.4
1352	550010.1	3090563.9	549990.7	3090556.1	550018.6	3090567.4	550023.9	3090569.5	550000.0	3090559.8
1353	550031.7	3090518.7	550016.7	3090512.6	550038.6	3090521.5	550047.1	3090524.9	550022.3	3090514.9
1354	550053.8	3090473.7	550041.9	3090468.9	550060.4	3090476.4	550069.8	3090480.2	550043.7	3090469.6
1355	550076.7	3090429.0	550066.0	3090424.7	550087.3	3090433.3	550091.9	3090435.2	550065.6	3090424.5
1356	550099.1	3090384.1	550086.9	3090379.2	550113.0	3090389.8	550113.3	3090389.9	550087.9	3090379.7
1357	550120.5	3090338.9	550105.3	3090332.7	550137.2	3090345.6	550136.8	3090345.5	550111.6	3090335.3
1358	550145.6	3090295.1	550130.3	3090288.9	550160.3	3090301.0	550159.1	3090300.5	550136.0	3090291.2
1359	550171.9	3090251.8	550155.7	3090245.2	550184.6	3090256.9	550181.0	3090255.5	550160.2	3090247.1
1360	550193.5	3090206.6	550180.6	3090201.4	550209.6	3090213.1	550202.6	3090210.3	550183.8	3090202.7
1361	550214.9	3090161.3	550205.3	3090157.4	550228.6	3090166.8	550225.8	3090165.7	550207.1	3090158.2
1362	550236.7	3090116.2	550229.9	3090113.5	550250.2	3090121.6	550247.3	3090120.5	550230.7	3090113.8
1363	550263.8	3090073.2	550252.5	3090068.7	550276.6	3090078.4	550269.5	3090075.5	550254.0	3090069.3
1364	550284.7	3090027.8	550275.0	3090023.8	550295.4	3090032.0	550293.3	3090031.2	550277.2	3090024.7
1365	550303.3	3089981.3	550298.3	3089979.3	550313.8	3089985.6	550315.8	3089986.4	550300.4	3089980.1
1366	550327.4	3089937.1	550321.6	3089934.8	550338.4	3089941.6	550338.7	3089941.7	550322.9	3089935.3
1367	550351.9	3089893.1	550344.7	3089890.2	550361.9	3089897.1	550361.3	3089896.9	550346.4	3089890.9
1368	550376.4	3089849.1	550367.5	3089845.5	550383.8	3089852.1	550383.1	3089851.8	550368.9	3089846.0
1369	550400.6	3089804.9	550390.3	3089800.7	550408.3	3089808.0	550405.0	3089806.7	550391.7	3089801.3
1370	550424.5	3089760.7	550413.6	3089756.3	550432.8	3089764.0	550429.3	3089762.6	550415.0	3089756.8
1371	550446.5	3089715.6	550437.3	3089711.9	550457.8	3089720.2	550453.1	3089718.3	550438.2	3089712.3
1372	550467.8	3089670.3	550461.0	3089667.5	550477.0	3089674.0	550474.3	3089672.9	550462.1	3089668.0
1373	550492.4	3089626.3	550484.7	3089623.2	550499.2	3089629.1	550494.7	3089627.2	550485.3	3089623.4
1374	550517.1	3089582.3	550508.3	3089578.8	550527.5	3089586.6	550518.6	3089583.0	550508.2	3089578.8
1375	550541.8	3089538.4	550532.0	3089534.5	550552.0	3089542.5	550541.0	3089538.1	550530.7	3089533.9
1376	550563.5	3089493.2	550555.2	3089489.9	550574.5	3089497.7	550563.4	3089493.2	550553.5	3089489.2
1377	550586.4	3089448.6	550578.4	3089445.3	550598.6	3089453.5	550586.7	3089448.7	550574.8	3089443.9
1378	550608.6	3089403.6	550600.6	3089400.4	550622.5	3089409.2	550611.0	3089404.6	550595.9	3089398.5
1379	550627.1	3089357.2	550622.4	3089355.3	550642.4	3089363.3	550635.7	3089360.6	550618.4	3089353.7
1380	550648.9	3089312.0	550643.5	3089309.9	550663.2	3089317.8	550658.7	3089316.0	550640.3	3089308.6
1381	550670.4	3089266.8	550664.1	3089264.3	550685.1	3089272.8	550680.3	3089270.8	550662.7	3089263.7
1382	550691.6	3089221.4	550684.9	3089218.7	550710.0	3089228.9	550702.0	3089225.7	550685.5	3089219.0
1383	550711.7	3089175.6	550707.7	3089174.0	550730.2	3089183.1	550723.8	3089180.5	550708.3	3089174.3
1384	550731.3	3089129.7	550730.6	3089129.4	550752.2	3089138.1	550746.4	3089135.8	550730.7	3089129.4
1385	550752.2	3089084.1	550754.1	3089084.9	550777.9	3089094.5	550770.1	3089091.4	550753.5	3089084.7
1386	550775.6	3089039.7	550778.2	3089040.7	550801.3	3089050.0	550792.4	3089046.5	550776.1	3089039.9
1387	550797.7	3088994.7	550802.2	3088996.5	550826.9	3089006.5	550816.4	3089002.2	550799.4	3088995.4
1388	550820.7	3088950.0	550825.1	3088951.8	550852.1	3088962.7	550838.0	3088957.0	550823.0	3088951.0
1389	550845.9	3088906.3	550847.2	3088906.8	550873.7	3088917.5	550861.4	3088912.6	550846.5	3088906.6
1390	550869.7	3088862.0	550869.4	3088861.9	550896.9	3088873.0	550884.0	3088867.8	550869.7	3088862.0
1391	550891.1	3088816.7	550891.7	3088816.9	550917.1	3088827.2	550906.1	3088822.8	550892.9	3088817.4
1392	550916.1	3088772.9	550913.9	3088772.0	550940.6	3088782.8	550928.7	3088778.0	550916.2	3088772.9
1393	550939.4	3088728.4	550937.3	3088727.5	550966.1	3088739.1	550951.0	3088733.1	550937.7	3088727.7
1394	550962.0	3088683.6	550960.8	3088683.1	550990.7	3088695.2	550974.3	3088688.5	550959.4	3088682.5
1395	550985.1	3088639.0	550983.6	3088638.4	551016.2	3088651.5	550996.4	3088643.5	550981.6	3088637.6
1396	551008.4	3088594.5	551005.3	3088593.2	551036.9	3088606.0	551020.8	3088599.5	551004.3	3088592.8
1397	551031.5	3088549.9	551027.1	3088548.1	551056.6	3088560.0	551044.1	3088555.0	551028.1	3088548.5
1398	551056.2	3088505.9	551052.7	3088504.5	551078.8	3088515.1	551068.0	3088510.7	551052.7	3088504.5
1399	551079.9	3088461.6	551079.3	3088461.3	551101.7	3088470.4	551092.2	3088466.5	551076.3	3088460.1
1400	551102.4	3088416.7	551103.0	3088417.0	551124.1	3088425.5	551113.3	3088421.2	551099.1	3088415.4

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1401	0.0	0.3	0.1	0.0	1.2	0.3	0.0	-0.6	-0.5	-0.4
1402	0.0	0.3	0.1	0.0	1.3	0.3	0.0	-0.5	-0.5	-0.5
1403	-0.1	0.3	0.1	0.0	1.4	0.4	0.0	-0.6	-0.5	-0.4
1404	-0.2	0.3	0.1	0.0	1.5	0.4	0.1	-0.5	-0.5	-0.4
1405	-0.1	0.3	0.1	0.0	1.3	0.4	0.0	-0.4	-0.4	-0.5
1406	-0.1	0.3	0.1	0.0	1.1	0.4	0.0	-0.3	-0.4	-0.5
1407	-0.1	0.3	0.2	0.0	1.2	0.5	0.0	-0.3	-0.5	-0.6
1408	-0.1	0.3	0.2	0.0	1.4	0.6	0.0	-0.2	-0.5	-0.7
1409	-0.2	0.3	0.2	-0.1	1.5	0.6	0.0	-0.3	-0.5	-0.7
1410	-0.1	0.4	0.2	0.0	1.6	0.6	0.0	-0.4	-0.6	-0.7
1411	-0.1	0.4	0.2	0.0	1.7	0.6	0.0	-0.3	-0.6	-0.7
1412	-0.2	0.4	0.1	0.0	1.7	0.5	0.0	-0.6	-0.6	-0.6
1413	-0.2	0.4	0.1	0.0	1.7	0.4	0.1	-0.8	-0.6	-0.4
1414	-0.2	0.4	0.1	0.0	1.9	0.6	0.1	-0.7	-0.6	-0.6
1415	-0.1	0.4	0.2	0.0	1.6	0.5	0.1	-0.5	-0.5	-0.5
1416	-0.1	0.4	0.2	0.0	1.8	0.5	0.1	-0.6	-0.6	-0.5
1417	-0.1	0.5	0.2	0.0	1.8	0.6	0.1	-0.6	-0.6	-0.5
1418	-0.1	0.4	0.2	0.0	1.8	0.6	0.1	-0.5	-0.5	-0.5
1419	-0.1	0.4	0.2	0.0	1.6	0.6	0.1	-0.4	-0.5	-0.5
1420	0.0	0.5	0.2	0.0	1.8	0.5	0.1	-0.6	-0.5	-0.5
1421	0.0	0.5	0.2	0.0	1.9	0.5	0.1	-0.7	-0.6	-0.5
1422	0.0	0.5	0.3	0.0	1.8	0.6	0.1	-0.4	-0.6	-0.7
1423	0.0	0.5	0.3	0.0	1.7	0.7	0.1	-0.2	-0.6	-0.8
1424	0.0	0.4	0.3	0.0	1.6	0.7	0.1	-0.1	-0.5	-0.8
1425	0.0	0.4	0.3	0.0	1.6	0.7	0.0	-0.1	-0.5	-0.8
1426	0.0	0.4	0.2	0.0	1.6	0.6	0.0	-0.3	-0.6	-0.7
1427	0.0	0.5	0.2	0.0	1.6	0.5	0.0	-0.5	-0.6	-0.7
1428	0.1	0.5	0.3	0.0	1.5	0.4	-0.1	-0.7	-0.7	-0.6
1429	0.1	0.5	0.3	0.0	1.6	0.5	-0.1	-0.5	-0.6	-0.7
1430	0.1	0.5	0.2	0.0	1.5	0.5	0.0	-0.5	-0.6	-0.7
1431	0.0	0.5	0.2	0.0	1.5	0.5	0.0	-0.5	-0.6	-0.7
1432	0.1	0.4	0.3	0.0	1.3	0.5	0.0	-0.2	-0.5	-0.8
1433	0.1	0.4	0.3	0.0	1.2	0.5	-0.1	-0.1	-0.5	-0.8
1434	0.1	0.4	0.3	0.0	1.2	0.5	-0.1	0.0	-0.5	-0.9
1435	0.1	0.5	0.3	0.0	1.4	0.6	-0.1	-0.2	-0.6	-0.9
1436	0.1	0.4	0.3	0.0	1.4	0.6	0.0	-0.2	-0.6	-0.9
1437	0.0	0.4	0.3	0.0	1.4	0.7	0.0	-0.1	-0.6	-0.9
1438	0.0	0.4	0.3	0.0	1.5	0.7	0.0	0.0	-0.6	-0.9
1439	-0.1	0.4	0.3	0.0	1.5	0.7	0.0	0.0	-0.6	-1.0
1440	-0.1	0.4	0.3	0.0	1.4	0.8	0.0	0.2	-0.5	-1.0
1441	-0.1	0.3	0.4	0.0	1.4	0.9	0.0	0.5	-0.5	-1.2
1442	-0.1	0.3	0.3	-0.1	1.5	0.9	0.0	0.3	-0.6	-1.1
1443	-0.1	0.4	0.3	0.0	1.6	0.8	0.0	0.1	-0.6	-1.1
1444	-0.1	0.4	0.3	0.0	1.7	0.7	0.0	-0.1	-0.6	-0.9
1445	-0.1	0.4	0.2	0.0	1.5	0.6	0.0	-0.1	-0.5	-0.8
1446	-0.1	0.3	0.2	0.0	1.4	0.6	0.0	-0.1	-0.5	-0.7
1447	-0.1	0.3	0.2	0.0	1.4	0.7	0.0	0.0	-0.5	-0.8
1448	-0.1	0.4	0.2	0.0	1.7	0.7	0.1	-0.2	-0.5	-0.7
1449	-0.2	0.3	0.2	0.0	1.6	0.7	0.1	-0.2	-0.5	-0.7
1450	-0.2	0.3	0.2	0.0	1.7	0.7	0.1	-0.3	-0.5	-0.6
1451	-0.2	0.4	0.2	0.0	1.8	0.7	0.2	-0.4	-0.5	-0.5
1452	-0.2	0.4	0.2	0.0	1.9	0.7	0.2	-0.5	-0.4	-0.4
1453	-0.1	0.3	0.2	0.0	1.6	0.6	0.2	-0.2	-0.4	-0.5
1454	-0.1	0.3	0.2	0.0	1.3	0.6	0.1	-0.1	-0.3	-0.5
1455	-0.1	0.3	0.2	0.0	1.2	0.6	0.1	0.0	-0.3	-0.6
1456	-0.1	0.3	0.2	0.0	1.2	0.6	0.1	0.0	-0.4	-0.6

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1401	551125.2	3088372.0	551124.8	3088371.9	551147.0	3088380.8	551135.6	3088376.2	551122.2	3088370.8
1402	551148.0	3088327.3	551146.2	3088326.6	551170.3	3088336.3	551159.7	3088332.1	551145.5	3088326.3
1403	551172.2	3088283.1	551167.3	3088281.2	551193.4	3088291.7	551181.6	3088287.0	551168.5	3088281.7
1404	551196.5	3088239.1	551188.6	3088235.9	551215.5	3088246.7	551204.9	3088242.5	551192.1	3088237.3
1405	551217.3	3088193.5	551212.5	3088191.6	551235.9	3088201.0	551227.7	3088197.7	551213.9	3088192.2
1406	551240.5	3088149.0	551236.4	3088147.3	551257.3	3088155.8	551252.1	3088153.7	551237.0	3088147.6
1407	551264.2	3088104.6	551260.0	3088102.9	551283.0	3088112.2	551277.6	3088110.0	551260.1	3088103.0
1408	551287.9	3088060.3	551282.8	3088058.2	551308.1	3088068.5	551304.8	3088067.1	551282.7	3088058.2
1409	551313.1	3088016.5	551305.5	3088013.5	551333.6	3088024.8	551328.4	3088022.7	551306.7	3088013.9
1410	551334.9	3087971.4	551328.8	3087968.9	551359.2	3087981.2	551351.6	3087978.2	551330.1	3087969.5
1411	551358.3	3087926.9	551352.1	3087924.4	551383.0	3087936.9	551376.2	3087934.2	551354.5	3087925.4
1412	551382.9	3087883.0	551374.8	3087879.7	551406.2	3087892.4	551394.3	3087887.6	551377.5	3087880.8
1413	551406.6	3087838.6	551397.4	3087834.9	551429.8	3087848.0	551414.2	3087841.7	551401.2	3087836.4
1414	551429.3	3087793.9	551420.2	3087790.2	551456.1	3087804.7	551441.6	3087798.8	551424.9	3087792.1
1415	551450.3	3087748.4	551443.5	3087745.7	551473.3	3087757.7	551464.1	3087754.0	551448.8	3087747.8
1416	551472.4	3087703.4	551466.8	3087701.1	551500.5	3087714.8	551487.8	3087709.6	551472.6	3087703.5
1417	551494.6	3087658.5	551490.0	3087656.6	551524.3	3087670.4	551512.5	3087665.7	551496.2	3087659.1
1418	551517.2	3087613.7	551513.2	3087612.1	551545.9	3087625.2	551535.1	3087620.9	551519.8	3087614.7
1419	551540.0	3087568.9	551536.7	3087567.6	551565.8	3087579.4	551558.7	3087576.5	551542.6	3087570.0
1420	551562.6	3087524.1	551560.4	3087523.3	551593.2	3087536.5	551581.0	3087531.6	551565.7	3087525.4
1421	551584.7	3087479.2	551584.1	3087478.9	551619.0	3087493.0	551604.1	3087487.0	551588.8	3087480.8
1422	551607.1	3087434.3	551607.7	3087434.5	551641.5	3087448.2	551632.7	3087444.6	551612.4	3087436.4
1423	551631.6	3087390.2	551631.3	3087390.1	551663.3	3087403.1	551658.6	3087401.2	551635.4	3087391.8
1424	551657.7	3087346.9	551656.1	3087346.2	551686.2	3087358.4	551683.3	3087357.2	551659.9	3087347.7
1425	551682.7	3087303.0	551681.1	3087302.4	551710.0	3087314.0	551707.0	3087312.9	551683.6	3087303.4
1426	551707.6	3087259.1	551706.3	3087258.6	551735.3	3087270.3	551728.6	3087267.7	551707.3	3087259.0
1427	551731.4	3087214.8	551731.8	3087215.0	551761.9	3087227.2	551752.5	3087223.4	551730.2	3087214.4
1428	551750.6	3087168.7	551757.2	3087171.4	551785.9	3087182.9	551771.9	3087177.3	551753.1	3087169.7
1429	551774.3	3087124.3	551779.5	3087126.4	551808.3	3087138.1	551797.7	3087133.8	551776.1	3087125.1
1430	551799.4	3087080.5	551801.8	3087081.5	551830.0	3087092.9	551820.4	3087089.0	551800.2	3087080.9
1431	551823.6	3087036.4	551824.8	3087036.9	551853.4	3087048.4	551843.6	3087044.5	551823.7	3087036.5
1432	551846.9	3086991.9	551849.4	3086992.9	551874.4	3087003.0	551869.8	3087001.1	551847.2	3086992.0
1433	551869.0	3086946.9	551874.1	3086948.9	551895.7	3086957.7	551894.2	3086957.1	551869.8	3086947.2
1434	551892.5	3086902.5	551898.7	3086905.0	551920.5	3086913.8	551919.6	3086913.4	551893.3	3086902.8
1435	551916.8	3086858.4	551922.1	3086860.5	551947.7	3086870.8	551944.2	3086869.4	551917.3	3086858.6
1436	551941.4	3086814.4	551943.8	3086815.3	551970.3	3086826.1	551967.3	3086824.8	551940.6	3086814.0
1437	551966.0	3086770.4	551965.5	3086770.2	551992.3	3086781.0	551990.9	3086780.4	551964.4	3086769.7
1438	551990.5	3086726.4	551989.2	3086725.8	552016.6	3086736.9	552017.1	3086737.1	551988.8	3086725.7
1439	552015.6	3086682.6	552013.3	3086681.6	552040.9	3086692.8	552041.3	3086693.0	552012.7	3086681.4
1440	552040.7	3086638.8	552037.4	3086637.4	552063.5	3086648.0	552067.1	3086649.4	552036.9	3086637.2
1441	552065.9	3086595.0	552061.3	3086593.2	552086.4	3086603.3	552097.1	3086607.6	552061.6	3086593.3
1442	552091.3	3086551.4	552085.2	3086548.9	552112.9	3086560.1	552118.7	3086562.4	552084.7	3086548.7
1443	552113.2	3086506.3	552109.2	3086504.7	552139.1	3086516.7	552140.2	3086517.2	552108.6	3086504.4
1444	552138.2	3086462.5	552133.7	3086460.6	552164.8	3086473.2	552162.1	3086472.1	552135.0	3086461.2
1445	552162.3	3086418.3	552158.2	3086416.6	552186.0	3086427.9	552183.1	3086426.7	552160.3	3086417.4
1446	552186.5	3086374.1	552181.9	3086372.3	552207.7	3086382.7	552206.6	3086382.3	552184.6	3086373.3
1447	552211.2	3086330.2	552204.7	3086327.5	552231.5	3086338.4	552230.5	3086338.0	552207.4	3086328.6
1448	552233.6	3086285.3	552227.5	3086282.8	552258.2	3086295.2	552253.7	3086293.4	552231.3	3086284.4
1449	552260.5	3086242.2	552250.3	3086238.1	552280.8	3086250.4	552277.1	3086249.0	552255.0	3086240.0
1450	552284.1	3086197.8	552272.7	3086193.2	552304.3	3086206.0	552298.3	3086203.6	552280.5	3086196.4
1451	552304.8	3086152.3	552295.0	3086148.3	552328.5	3086161.9	552320.9	3086158.8	552305.9	3086152.7
1452	552327.1	3086107.3	552317.4	3086103.4	552352.1	3086117.4	552342.8	3086113.7	552331.3	3086109.1
1453	552350.0	3086062.7	552343.1	3086059.9	552372.2	3086071.6	552368.1	3086070.0	552354.1	3086064.4
1454	552375.1	3086018.9	552368.8	3086016.4	552393.6	3086026.4	552391.9	3086025.7	552377.4	3086019.8
1455	552399.6	3085974.9	552394.2	3085972.7	552417.3	3085982.0	552417.4	3085982.1	552400.3	3085975.2
1456	552423.0	3085930.4	552418.8	3085928.7	552441.8	3085938.0	552441.9	3085938.0	552423.9	3085930.8

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1457	0.0	0.4	0.3	0.1	1.2	0.6	0.1	0.0	-0.3	-0.6
1458	0.1	0.4	0.3	0.1	1.1	0.6	0.1	0.2	-0.3	-0.6
1459	0.1	0.4	0.3	0.1	1.0	0.5	0.1	0.1	-0.2	-0.5
1460	0.0	0.3	0.3	0.1	1.1	0.6	0.2	0.2	-0.2	-0.5
1461	-0.1	0.3	0.3	0.1	1.1	0.7	0.2	0.3	-0.2	-0.5
1462	-0.1	0.3	0.3	0.1	1.3	0.7	0.2	0.2	-0.2	-0.5
1463	-0.2	0.2	0.3	0.0	1.3	0.8	0.2	0.3	-0.2	-0.6
1464	-0.2	0.2	0.3	0.0	1.3	0.8	0.2	0.3	-0.2	-0.6
1465	-0.2	0.3	0.3	0.0	1.5	0.8	0.2	0.2	-0.3	-0.6
1466	-0.2	0.3	0.2	0.1	1.5	0.7	0.2	-0.1	-0.3	-0.5
1467	-0.1	0.3	0.3	0.1	1.5	0.7	0.2	0.0	-0.3	-0.5
1468	-0.1	0.3	0.2	0.1	1.4	0.6	0.2	-0.1	-0.3	-0.4
1469	0.0	0.3	0.3	0.1	1.2	0.6	0.1	0.0	-0.3	-0.4
1470	0.0	0.3	0.3	0.1	1.2	0.6	0.2	0.0	-0.2	-0.4
1471	0.0	0.3	0.3	0.1	1.0	0.6	0.2	0.2	-0.1	-0.3
1472	0.0	0.3	0.3	0.1	0.9	0.7	0.2	0.4	-0.1	-0.4
1473	0.0	0.3	0.3	0.1	1.0	0.7	0.2	0.5	-0.1	-0.4
1474	0.0	0.3	0.3	0.1	0.9	0.7	0.2	0.4	0.0	-0.3
1475	0.0	0.3	0.3	0.1	0.8	0.6	0.2	0.4	0.0	-0.3
1476	0.0	0.3	0.3	0.1	0.9	0.7	0.2	0.4	-0.1	-0.4
1477	0.0	0.3	0.3	0.1	1.0	0.6	0.2	0.3	-0.1	-0.4
1478	0.0	0.2	0.3	0.1	0.9	0.7	0.2	0.5	-0.1	-0.4
1479	-0.1	0.2	0.3	0.1	0.9	0.7	0.2	0.5	0.0	-0.4
1480	-0.1	0.2	0.3	0.1	1.0	0.7	0.2	0.5	0.0	-0.4
1481	-0.1	0.2	0.3	0.1	1.1	0.8	0.3	0.6	0.0	-0.4
1482	-0.2	0.2	0.3	0.1	1.2	0.9	0.3	0.6	0.0	-0.4
1483	-0.2	0.2	0.2	0.1	1.1	0.8	0.3	0.5	-0.1	-0.4
1484	-0.3	0.1	0.2	0.1	1.0	0.8	0.3	0.6	0.0	-0.5
1485	-0.2	0.1	0.3	0.1	0.9	0.8	0.2	0.7	0.0	-0.5
1486	-0.1	0.1	0.2	0.0	0.7	0.6	0.2	0.6	0.0	-0.5
1487	-0.2	0.1	0.2	0.0	1.0	0.6	0.2	0.2	-0.1	-0.3
1488	-0.2	0.2	0.2	0.0	1.2	0.6	0.2	0.1	-0.2	-0.3
1489	-0.2	0.2	0.2	0.1	1.2	0.7	0.2	0.2	-0.2	-0.4
1490	-0.1	0.2	0.3	0.1	1.2	0.8	0.2	0.4	-0.2	-0.6
1491	-0.1	0.3	0.3	0.1	1.3	0.8	0.2	0.3	-0.2	-0.5
1492	-0.2	0.3	0.3	0.1	1.4	0.8	0.2	0.3	-0.2	-0.6
1493	0.0	0.3	0.3	0.1	1.1	0.8	0.2	0.4	-0.2	-0.6
1494	0.1	0.4	0.4	0.2	1.0	0.7	0.2	0.4	-0.1	-0.5
1495	0.3	0.5	0.5	0.2	0.8	0.6	0.2	0.5	-0.1	-0.4
1496	0.3	0.5	0.5	0.2	0.9	0.7	0.2	0.6	0.0	-0.5
1497	0.3	0.4	0.5	0.2	0.9	0.8	0.2	0.7	-0.1	-0.6
1498	0.3	0.5	0.5	0.2	0.9	0.8	0.2	0.7	-0.1	-0.6
1499	0.3	0.4	0.5	0.2	0.8	0.8	0.2	0.7	0.0	-0.6
1500	0.3	0.4	0.5	0.2	0.8	0.8	0.2	0.7	0.0	-0.5
1501	0.3	0.5	0.5	0.3	1.0	0.8	0.2	0.5	0.0	-0.4
1502	0.3	0.5	0.5	0.3	1.0	0.8	0.3	0.5	0.0	-0.4
1503	0.3	0.5	0.5	0.3	1.1	0.7	0.3	0.4	0.0	-0.4
1504	0.4	0.5	0.5	0.3	0.8	0.7	0.2	0.6	0.0	-0.4
1505	0.4	0.5	0.5	0.3	0.6	0.7	0.2	0.7	0.0	-0.4
1506	0.4	0.5	0.5	0.3	0.6	0.6	0.2	0.6	0.0	-0.4
1507	0.5	0.5	0.5	0.3	0.4	0.5	0.1	0.6	0.0	-0.4
1508	0.5	0.5	0.5	0.3	0.3	0.5	0.1	0.6	0.1	-0.3
1509	0.5	0.4	0.5	0.3	0.3	0.5	0.2	0.7	0.1	-0.3
1510	0.4	0.3	0.5	0.3	0.1	0.5	0.2	0.9	0.2	-0.3
1511	0.4	0.2	0.4	0.3	-0.4	0.5	0.2	1.3	0.4	-0.3
1512	0.5	0.3	0.5	0.3	-0.3	0.5	0.2	1.2	0.3	-0.3

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1457	552442.0	3085884.2	552443.4	3085884.7	552465.2	3085893.5	552465.9	3085893.8	552448.6	3085886.8
1458	552463.4	3085838.9	552468.1	3085840.8	552487.6	3085848.6	552491.7	3085850.3	552473.1	3085842.8
1459	552487.0	3085794.5	552492.2	3085796.6	552509.9	3085803.7	552512.6	3085804.8	552498.0	3085798.9
1460	552512.1	3085750.7	552512.2	3085750.7	552532.9	3085759.1	552537.2	3085760.8	552523.0	3085755.1
1461	552536.8	3085706.7	552533.7	3085705.5	552554.2	3085713.8	552560.7	3085716.4	552546.6	3085710.7
1462	552561.1	3085662.6	552554.8	3085660.1	552578.3	3085669.6	552582.9	3085671.4	552568.1	3085665.4
1463	552586.3	3085618.9	552577.4	3085615.3	552601.5	3085625.0	552607.9	3085627.6	552591.0	3085620.8
1464	552610.0	3085574.5	552600.5	3085570.7	552625.6	3085580.8	552632.6	3085583.7	552613.6	3085576.0
1465	552633.0	3085529.9	552625.2	3085526.8	552652.5	3085537.8	552656.0	3085539.2	552638.5	3085532.1
1466	552657.6	3085485.9	552650.1	3085482.9	552678.7	3085494.5	552677.6	3085494.0	552663.3	3085488.2
1467	552681.8	3085441.8	552675.1	3085439.1	552703.4	3085450.5	552703.2	3085450.4	552687.7	3085444.2
1468	552705.5	3085397.4	552700.4	3085395.4	552725.6	3085405.5	552724.2	3085405.0	552711.6	3085399.9
1469	552726.1	3085351.8	552725.4	3085351.5	552748.0	3085360.7	552747.9	3085360.6	552735.3	3085355.5
1470	552747.3	3085306.5	552747.3	3085306.4	552769.2	3085315.3	552770.0	3085315.6	552758.5	3085311.0
1471	552770.2	3085261.8	552769.1	3085261.3	552788.6	3085269.2	552791.7	3085270.5	552781.9	3085266.5
1472	552792.8	3085217.0	552791.5	3085216.5	552809.0	3085223.5	552817.4	3085226.9	552806.3	3085222.4
1473	552815.4	3085172.2	552814.1	3085171.7	552832.2	3085179.0	552841.4	3085182.7	552829.4	3085177.9
1474	552838.2	3085127.5	552838.3	3085127.5	552855.2	3085134.3	552863.7	3085137.8	552853.3	3085133.6
1475	552860.5	3085082.6	552862.6	3085083.4	552878.2	3085089.7	552886.3	3085093.0	552876.5	3085089.0
1476	552883.9	3085038.1	552885.4	3085038.7	552902.3	3085045.5	552910.7	3085048.9	552898.8	3085044.1
1477	552908.9	3084994.3	552907.7	3084993.8	552925.8	3085001.1	552932.4	3085003.7	552920.6	3084999.0
1478	552931.9	3084949.6	552929.7	3084948.7	552946.4	3084955.5	552955.5	3084959.2	552942.9	3084954.1
1479	552953.7	3084904.5	552950.3	3084903.1	552966.7	3084909.7	552976.6	3084913.7	552964.7	3084909.0
1480	552977.4	3084860.2	552970.9	3084857.5	552988.7	3084864.7	552999.6	3084869.1	552987.9	3084864.4
1481	552998.6	3084814.8	552992.0	3084812.1	553011.7	3084820.1	553024.0	3084825.1	553010.7	3084819.7
1482	553022.1	3084770.4	553013.2	3084766.8	553035.1	3084775.6	553046.3	3084780.2	553033.1	3084774.8
1483	553047.3	3084726.6	553036.4	3084722.2	553057.7	3084730.8	553067.4	3084734.7	553054.5	3084729.5
1484	553071.7	3084682.6	553059.9	3084677.8	553078.8	3084685.4	553091.7	3084690.6	553077.7	3084685.0
1485	553092.7	3084637.1	553085.5	3084634.2	553101.6	3084640.7	553115.4	3084646.3	553100.0	3084640.1
1486	553116.5	3084592.8	553111.7	3084590.8	553124.3	3084596.0	553135.7	3084600.6	553122.1	3084595.1
1487	553139.4	3084548.1	553131.4	3084544.9	553149.1	3084552.0	553153.5	3084553.8	553144.4	3084550.1
1488	553161.0	3084502.9	553151.4	3084499.0	553173.6	3084508.0	553176.1	3084509.0	553165.7	3084504.8
1489	553180.6	3084456.9	553173.5	3084454.0	553196.0	3084463.2	553200.3	3084464.9	553188.4	3084460.1
1490	553201.8	3084411.6	553195.6	3084409.0	553217.3	3084417.8	553226.2	3084421.4	553209.6	3084414.7
1491	553223.6	3084366.4	553216.8	3084363.7	553241.5	3084373.7	553247.4	3084376.1	553231.0	3084369.4
1492	553245.0	3084321.2	553238.1	3084318.3	553263.9	3084328.8	553270.2	3084331.3	553253.3	3084324.5
1493	553263.8	3084274.8	553262.9	3084274.5	553283.8	3084282.9	553292.4	3084286.4	553275.3	3084279.5
1494	553282.5	3084228.4	553288.0	3084230.7	553305.7	3084237.8	553314.6	3084241.4	553299.8	3084235.4
1495	553296.6	3084180.2	553311.5	3084186.2	553327.1	3084192.5	553336.4	3084196.3	553323.6	3084191.1
1496	553318.3	3084135.1	553332.1	3084140.6	553348.1	3084147.1	553360.8	3084152.2	553346.8	3084146.6
1497	553340.6	3084090.1	553352.9	3084095.1	553369.7	3084101.9	553384.2	3084107.8	553367.1	3084100.8
1498	553361.2	3084044.5	553374.0	3084049.7	553390.9	3084056.6	553404.2	3084061.9	553387.3	3084055.1
1499	553382.2	3083999.1	553395.3	3084004.4	553410.8	3084010.6	553425.9	3084016.8	553409.4	3084010.1
1500	553404.7	3083954.3	553418.1	3083959.7	553433.6	3083965.9	553448.2	3083971.8	553433.3	3083965.8
1501	553426.5	3083909.1	553440.9	3083915.0	553459.2	3083922.3	553470.2	3083926.8	553457.7	3083921.7
1502	553448.7	3083864.2	553463.8	3083870.3	553482.4	3083877.8	553493.2	3083882.1	553481.6	3083877.5
1503	553472.4	3083819.8	553486.8	3083825.6	553506.4	3083833.6	553514.9	3083837.0	553504.2	3083832.7
1504	553493.1	3083774.3	553509.5	3083780.9	553524.2	3083786.8	553535.9	3083791.6	553524.6	3083787.0
1505	553513.0	3083728.4	553531.9	3083736.0	553543.2	3083740.6	553557.3	3083746.3	553544.6	3083741.1
1506	553534.8	3083683.3	553555.0	3083691.4	553565.9	3083695.8	553577.4	3083700.5	553566.2	3083696.0
1507	553557.1	3083638.3	553579.7	3083647.5	553587.5	3083650.6	553599.5	3083655.5	553588.9	3083651.2
1508	553579.2	3083593.3	553603.2	3083603.0	553609.0	3083605.4	553621.7	3083610.5	553612.8	3083606.9
1509	553603.1	3083549.1	553625.4	3083558.1	553630.2	3083560.0	553644.0	3083565.6	553635.7	3083562.2
1510	553628.0	3083505.2	553647.8	3083513.2	553648.8	3083513.6	553667.5	3083521.2	553658.8	3083517.7
1511	553651.6	3083460.8	553670.2	3083468.3	553663.5	3083465.6	553689.9	3083476.3	553681.2	3083472.8
1512	553671.1	3083414.8	553693.1	3083423.7	553688.4	3083421.8	553713.4	3083431.8	553704.1	3083428.1

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1513	0.5	0.3	0.5	0.3	-0.3	0.5	0.2	1.2	0.3	-0.3
1514	0.4	0.2	0.4	0.3	-0.2	0.4	0.1	1.0	0.3	-0.2
1515	0.4	0.3	0.4	0.3	-0.1	0.5	0.2	1.0	0.3	-0.2
1516	0.4	0.3	0.5	0.3	-0.1	0.5	0.2	1.0	0.3	-0.2
1517	0.4	0.3	0.5	0.3	-0.1	0.5	0.2	1.1	0.3	-0.3
1518	0.4	0.3	0.4	0.3	0.0	0.5	0.2	0.9	0.3	-0.1
1519	0.5	0.3	0.5	0.3	-0.2	0.5	0.3	1.1	0.4	0.0
1520	0.5	0.3	0.4	0.3	0.0	0.4	0.3	0.7	0.3	0.1
1521	0.5	0.4	0.5	0.3	0.1	0.5	0.3	0.8	0.3	0.0
1522	0.4	0.4	0.5	0.3	0.3	0.5	0.3	0.7	0.3	0.0
1523	0.4	0.4	0.5	0.4	0.3	0.6	0.3	0.8	0.3	0.0
1524	0.4	0.4	0.5	0.4	0.4	0.6	0.4	0.8	0.4	0.1
1525	0.4	0.4	0.5	0.4	0.4	0.7	0.4	0.9	0.4	0.1
1526	0.4	0.4	0.6	0.4	0.3	0.8	0.4	1.2	0.5	0.0
1527	0.4	0.3	0.6	0.4	0.1	0.8	0.4	1.4	0.6	0.0
1528	0.4	0.3	0.6	0.4	0.1	0.8	0.4	1.5	0.6	-0.1
1529	0.3	0.2	0.6	0.4	0.0	0.9	0.4	1.7	0.6	-0.1
1530	0.4	0.3	0.6	0.4	0.1	0.9	0.5	1.6	0.6	-0.1
1531	0.4	0.3	0.7	0.5	0.2	1.0	0.5	1.7	0.6	-0.1
1532	0.4	0.4	0.7	0.5	0.4	1.1	0.6	1.8	0.6	-0.2
1533	0.4	0.4	0.8	0.5	0.4	1.2	0.6	1.8	0.6	-0.2
1534	0.4	0.4	0.8	0.5	0.4	1.2	0.6	1.9	0.6	-0.2
1535	0.5	0.4	0.7	0.5	0.2	1.1	0.6	1.9	0.7	-0.1
1536	0.4	0.3	0.7	0.5	0.1	1.0	0.5	1.8	0.7	-0.1
1537	0.4	0.3	0.7	0.5	-0.1	1.0	0.5	2.0	0.8	-0.1
1538	0.3	0.2	0.6	0.5	0.0	1.0	0.5	1.9	0.7	0.0
1539	0.3	0.3	0.6	0.5	0.2	1.0	0.6	1.8	0.8	0.1
1540	0.4	0.3	0.6	0.5	0.2	1.0	0.6	1.7	0.7	0.1
1541	0.4	0.3	0.6	0.5	0.1	0.8	0.6	1.5	0.8	0.3
1542	0.5	0.3	0.6	0.5	-0.2	0.6	0.5	1.4	0.8	0.4
1543	0.7	0.3	0.6	0.5	-0.6	0.5	0.4	1.5	0.8	0.4
1544										
1545										
1546	-0.7	0.2	-0.4	-0.3	2.2	-0.1	-0.1	-2.2	-0.9	0.0
1547	-0.8	-0.2	-0.4	-0.4	1.3	0.0	-0.1	-1.2	-0.6	-0.2
1548	-0.9	-0.3	-0.4	-0.4	1.0	0.1	-0.1	-0.7	-0.5	-0.3
1549	-1.0	-0.4	-0.4	-0.4	1.1	0.3	0.0	-0.5	-0.4	-0.4
1550	-1.1	-0.5	-0.5	-0.4	0.9	0.2	0.0	-0.5	-0.4	-0.3
1551	-1.0	-0.5	-0.5	-0.5	0.7	0.0	-0.1	-0.7	-0.4	-0.2
1552	-1.1	-0.5	-0.6	-0.5	0.8	-0.1	-0.1	-0.9	-0.4	-0.1
1553	-1.2	-0.5	-0.7	-0.5	0.9	-0.1	0.0	-1.1	-0.4	0.1
1554	-1.2	-0.5	-0.7	-0.4	1.0	-0.2	0.0	-1.3	-0.3	0.4
1555	-1.2	-0.5	-0.7	-0.4	1.1	-0.2	0.1	-1.4	-0.2	0.6
1556	-1.2	-0.5	-0.7	-0.3	1.0	-0.1	0.2	-1.2	-0.1	0.7
1557	-1.1	-0.5	-0.7	-0.3	1.1	-0.1	0.3	-1.3	0.0	0.8
1558	-1.1	-0.4	-0.6	-0.3	1.0	-0.2	0.2	-1.3	-0.1	0.7
1559	-1.0	-0.4	-0.7	-0.3	0.9	-0.3	0.1	-1.5	-0.3	0.6
1560	-0.9	-0.4	-0.7	-0.4	1.0	-0.3	0.0	-1.5	-0.3	0.5
1561	-0.9	-0.4	-0.6	-0.4	0.8	-0.3	0.0	-1.4	-0.4	0.4
1562	-0.8	-0.4	-0.7	-0.4	0.5	-0.5	-0.1	-1.4	-0.3	0.4
1563	-0.8	-0.5	-0.7	-0.4	0.3	-0.5	-0.1	-1.3	-0.3	0.4
1564	-0.8	-0.5	-0.7	-0.4	0.3	-0.5	-0.1	-1.2	-0.3	0.3
1565	-0.8	-0.5	-0.7	-0.4	0.1	-0.5	-0.1	-1.1	-0.2	0.4
1566	-0.8	-0.5	-0.6	-0.4	0.0	-0.5	-0.1	-0.9	-0.2	0.4
1567	-0.8	-0.6	-0.6	-0.4	0.0	-0.5	-0.1	-0.9	-0.2	0.3
1568	-0.8	-0.6	-0.6	-0.4	-0.1	-0.4	-0.1	-0.7	-0.2	0.2

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1513	553694.2	3083370.2	553716.3	3083379.1	553710.6	3083376.8	553735.6	3083386.9	553727.1	3083383.5
1514	553718.4	3083326.0	553737.9	3083333.9	553734.1	3083332.4	553755.0	3083340.8	553748.1	3083338.0
1515	553740.3	3083280.9	553759.4	3083288.7	553757.0	3083287.7	553777.8	3083296.1	553770.3	3083293.1
1516	553761.5	3083235.6	553782.3	3083244.0	553780.8	3083243.4	553801.5	3083251.8	553794.1	3083248.7
1517	553785.4	3083191.3	553805.0	3083199.2	553803.5	3083198.6	553825.2	3083207.4	553817.6	3083204.3
1518	553806.2	3083145.8	553826.6	3083154.0	553827.0	3083154.2	553844.4	3083161.2	553841.7	3083160.1
1519	553827.0	3083100.3	553848.1	3083108.8	553845.3	3083107.7	553866.7	3083116.3	553866.0	3083116.0
1520	553849.1	3083055.3	553870.3	3083063.8	553871.1	3083064.2	553885.9	3083070.2	553888.5	3083071.2
1521	553871.6	3083010.4	553892.6	3083018.9	553894.7	3083019.8	553910.7	3083026.2	553910.7	3083026.2
1522	553893.6	3082965.4	553913.2	3082973.3	553918.6	3082975.5	553933.5	3082981.5	553933.3	3082981.4
1523	553915.2	3082920.2	553933.5	3082927.6	553939.0	3082929.8	553956.1	3082936.7	553956.2	3082936.8
1524	553935.9	3082874.6	553952.8	3082881.5	553961.0	3082884.8	553977.9	3082891.6	553979.4	3082892.2
1525	553954.8	3082828.3	553973.8	3082836.0	553981.2	3082839.0	554000.3	3082846.7	554002.6	3082847.7
1526	553976.6	3082783.2	553996.0	3082791.0	554000.9	3082793.1	554026.1	3082803.2	554025.8	3082803.1
1527	554000.1	3082738.8	554019.1	3082746.5	554020.8	3082747.1	554049.4	3082758.7	554048.6	3082758.4
1528	554024.3	3082694.7	554042.2	3082701.9	554043.1	3082702.2	554074.3	3082714.9	554072.8	3082714.2
1529	554049.0	3082650.7	554065.1	3082657.2	554064.9	3082657.1	554098.9	3082670.9	554096.0	3082669.7
1530	554069.3	3082605.0	554086.6	3082612.0	554088.0	3082612.5	554120.6	3082625.7	554118.3	3082624.8
1531	554089.1	3082559.0	554106.6	3082566.1	554111.1	3082567.9	554145.1	3082581.7	554141.0	3082580.0
1532	554109.5	3082513.4	554126.6	3082520.3	554134.3	3082523.4	554170.7	3082538.1	554165.3	3082535.9
1533	554130.7	3082468.0	554149.6	3082475.6	554157.9	3082479.0	554194.9	3082494.0	554188.9	3082491.5
1534	554153.2	3082423.2	554173.3	3082431.3	554181.3	3082434.5	554219.1	3082449.8	554211.9	3082446.9
1535	554176.3	3082378.6	554198.0	3082387.4	554201.6	3082388.8	554239.0	3082403.9	554236.1	3082402.7
1536	554203.1	3082335.5	554222.9	3082343.5	554225.2	3082344.4	554262.5	3082359.5	554259.3	3082358.2
1537	554229.4	3082292.2	554247.7	3082299.6	554246.0	3082298.9	554285.9	3082315.0	554283.8	3082314.2
1538	554255.4	3082248.7	554270.6	3082254.9	554270.9	3082255.0	554308.9	3082270.4	554308.1	3082270.0
1539	554278.4	3082204.1	554292.6	3082209.8	554295.4	3082211.0	554331.0	3082225.4	554333.1	3082226.2
1540	554300.1	3082158.9	554316.6	3082165.6	554319.7	3082166.9	554353.5	3082180.5	554356.4	3082181.7
1541	554321.5	3082113.7	554340.6	3082121.4	554341.6	3082121.8	554372.7	3082134.4	554380.3	3082137.4
1542	554342.4	3082068.2	554367.7	3082078.4	554363.8	3082076.8	554392.7	3082088.5	554404.9	3082093.4
1543	554364.0	3082023.0	554396.5	3082036.1	554384.7	3082031.3	554414.8	3082043.5	554427.1	3082048.5
1544	554385.3	3081977.7								
1545	554406.4	3081932.3								
1546	554483.5	3081774.0	554452.5	3081761.5	554493.1	3081777.9	554447.9	3081759.6	554448.9	3081760.0
1547	554502.8	3081727.9	554466.6	3081713.2	554490.6	3081722.9	554466.0	3081713.0	554460.4	3081710.7
1548	554524.0	3081682.5	554483.4	3081666.1	554502.3	3081673.7	554487.7	3081667.8	554478.9	3081664.3
1549	554546.1	3081637.5	554501.2	3081619.3	554520.9	3081627.3	554511.0	3081623.3	554499.6	3081618.7
1550	554569.2	3081592.9	554523.2	3081574.3	554539.7	3081581.0	554529.3	3081576.8	554520.3	3081573.1
1551	554592.3	3081548.3	554547.4	3081530.2	554560.8	3081535.6	554547.1	3081530.1	554541.3	3081527.7
1552	554615.6	3081503.8	554568.5	3081484.8	554583.3	3081490.8	554565.2	3081483.5	554563.0	3081482.5
1553	554639.7	3081459.6	554589.7	3081439.4	554605.7	3081445.9	554584.0	3081437.1	554586.4	3081438.1
1554	554663.9	3081415.5	554612.4	3081394.7	554630.7	3081402.0	554604.4	3081391.4	554615.8	3081396.0
1555	554685.8	3081370.4	554634.7	3081349.7	554654.7	3081357.8	554627.0	3081346.6	554644.4	3081353.7
1556	554706.4	3081324.8	554656.1	3081304.4	554675.4	3081312.2	554650.7	3081302.3	554672.0	3081310.9
1557	554727.1	3081279.2	554678.5	3081259.6	554698.9	3081267.8	554672.8	3081257.3	554696.5	3081266.9
1558	554748.2	3081233.8	554702.3	3081215.3	554721.1	3081222.9	554694.8	3081212.2	554714.9	3081220.4
1559	554769.2	3081188.4	554727.2	3081171.4	554744.2	3081178.3	554714.0	3081166.1	554731.4	3081173.1
1560	554791.1	3081143.3	554749.9	3081126.6	554768.0	3081133.9	554737.1	3081121.5	554751.0	3081127.1
1561	554813.2	3081098.3	554773.5	3081082.3	554788.8	3081088.5	554760.0	3081076.8	554770.9	3081081.2
1562	554835.4	3081053.3	554798.9	3081038.6	554808.8	3081042.6	554780.4	3081031.1	554792.7	3081036.1
1563	554857.7	3081008.4	554822.0	3080994.0	554828.4	3080996.6	554802.9	3080986.3	554814.1	3080990.8
1564	554879.7	3080963.4	554844.3	3080949.1	554849.8	3080951.3	554825.0	3080941.3	554835.2	3080945.4
1565	554900.8	3080918.0	554865.9	3080903.9	554868.0	3080904.7	554846.7	3080896.1	554857.4	3080900.4
1566	554921.8	3080872.5	554887.6	3080858.7	554888.3	3080859.0	554869.1	3080851.3	554879.9	3080855.6
1567	554943.4	3080827.3	554909.2	3080813.5	554909.3	3080813.5	554891.8	3080806.5	554900.7	3080810.1
1568	554965.1	3080782.2	554930.9	3080768.4	554928.8	3080767.5	554914.1	3080761.6	554920.8	3080764.3

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1569	-0.8	-0.6	-0.6	-0.4	-0.1	-0.5	-0.2	-0.9	-0.2	0.2
1570	-0.7	-0.5	-0.6	-0.4	-0.1	-0.5	-0.2	-0.9	-0.3	0.1
1571	-0.7	-0.5	-0.6	-0.4	-0.1	-0.6	-0.2	-1.0	-0.3	0.2
1572	-0.7	-0.5	-0.6	-0.4	-0.1	-0.5	-0.2	-1.0	-0.3	0.2
1573	-0.8	-0.6	-0.6	-0.5	0.0	-0.5	-0.2	-0.8	-0.3	0.1
1574	-0.9	-0.6	-0.6	-0.5	-0.1	-0.4	-0.2	-0.6	-0.3	0.0
1575	-0.8	-0.6	-0.6	-0.5	-0.1	-0.3	-0.2	-0.5	-0.3	-0.1
1576	-0.7	-0.6	-0.6	-0.4	-0.2	-0.4	-0.3	-0.5	-0.3	-0.1
1577	-0.6	-0.5	-0.6	-0.4	-0.3	-0.5	-0.3	-0.7	-0.3	-0.1
1578	-0.6	-0.5	-0.6	-0.4	-0.3	-0.6	-0.3	-0.9	-0.4	0.0
1579	-0.6	-0.5	-0.6	-0.4	-0.4	-0.6	-0.3	-0.7	-0.3	0.0
1580	-0.5	-0.4	-0.5	-0.4	-0.3	-0.6	-0.4	-0.9	-0.4	0.0
1581	-0.4	-0.4	-0.5	-0.4	-0.3	-0.5	-0.4	-0.8	-0.4	-0.2
1582	-0.4	-0.3	-0.4	-0.4	-0.3	-0.5	-0.4	-0.8	-0.4	-0.2
1583	-0.4	-0.3	-0.4	-0.4	-0.2	-0.5	-0.4	-0.9	-0.4	-0.1
1584	-0.4	-0.3	-0.5	-0.4	-0.2	-0.6	-0.3	-1.1	-0.4	0.1
1585	-0.4	-0.3	-0.4	-0.3	0.0	-0.5	-0.3	-1.0	-0.4	-0.1
1586	-0.3	-0.3	-0.4	-0.3	-0.2	-0.5	-0.3	-0.7	-0.4	-0.2
1587	-0.3	-0.2	-0.4	-0.3	0.2	-0.4	-0.4	-1.0	-0.6	-0.3
1588	-0.2	-0.2	-0.4	-0.3	-0.1	-0.7	-0.4	-1.3	-0.5	0.0
1589	-0.1	-0.2	-0.4	-0.3	-0.3	-0.7	-0.4	-1.1	-0.5	-0.1
1590	-0.1	-0.2	-0.4	-0.3	-0.5	-0.7	-0.4	-0.8	-0.4	-0.1
1591	-0.1	-0.2	-0.3	-0.3	-0.5	-0.6	-0.4	-0.7	-0.4	-0.1
1592	-0.1	-0.2	-0.3	-0.3	-0.4	-0.6	-0.4	-0.7	-0.4	-0.1
1593	-0.1	-0.1	-0.3	-0.3	-0.3	-0.6	-0.4	-0.9	-0.4	-0.1
1594	-0.1	-0.1	-0.3	-0.3	0.0	-0.5	-0.4	-1.0	-0.5	-0.2
1595	-0.1	0.0	-0.3	-0.2	0.3	-0.4	-0.3	-1.1	-0.6	-0.2
1596	-0.2	0.0	-0.3	-0.3	0.4	-0.4	-0.3	-1.1	-0.6	-0.2
1597	-0.2	-0.1	-0.3	-0.3	0.2	-0.3	-0.3	-0.8	-0.5	-0.3
1598	-0.3	-0.1	-0.3	-0.3	0.2	-0.3	-0.3	-0.9	-0.5	-0.2
1599	-0.3	-0.1	-0.3	-0.3	0.5	-0.3	-0.3	-1.0	-0.6	-0.3
1600	-0.2	-0.1	-0.3	-0.3	0.3	-0.3	-0.3	-0.9	-0.5	-0.2
1601	-0.2	-0.1	-0.3	-0.3	0.2	-0.4	-0.3	-0.9	-0.5	-0.2
1602	-0.2	-0.1	-0.3	-0.3	0.1	-0.4	-0.3	-0.9	-0.5	-0.2
1603	-0.2	-0.1	-0.3	-0.3	0.3	-0.5	-0.3	-1.1	-0.6	-0.2
1604	-0.2	0.0	-0.4	-0.3	0.4	-0.5	-0.3	-1.4	-0.6	-0.1
1605	-0.2	0.0	-0.3	-0.3	0.4	-0.5	-0.4	-1.3	-0.7	-0.2
1606	-0.2	0.0	-0.3	-0.3	0.4	-0.5	-0.4	-1.3	-0.6	-0.2
1607	-0.2	0.0	-0.3	-0.3	0.4	-0.4	-0.4	-1.2	-0.6	-0.2
1608	-0.2	0.0	-0.3	-0.3	0.4	-0.4	-0.3	-1.1	-0.6	-0.3
1609	-0.2	0.0	-0.3	-0.3	0.4	-0.4	-0.4	-1.0	-0.6	-0.4
1610	-0.2	-0.1	-0.3	-0.3	0.4	-0.3	-0.4	-1.0	-0.7	-0.4
1611	-0.2	0.0	-0.3	-0.3	0.4	-0.4	-0.4	-1.2	-0.7	-0.4
1612	-0.2	0.0	-0.3	-0.4	0.5	-0.4	-0.4	-1.2	-0.8	-0.5
1613	-0.2	0.0	-0.3	-0.3	0.5	-0.3	-0.4	-1.0	-0.8	-0.6
1614	-0.2	0.0	-0.2	-0.3	0.5	-0.3	-0.4	-1.0	-0.8	-0.6
1615	-0.2	0.0	-0.3	-0.4	0.4	-0.4	-0.5	-1.1	-0.8	-0.6
1616	-0.1	0.0	-0.3	-0.4	0.3	-0.5	-0.5	-1.2	-0.8	-0.6
1617	-0.1	0.0	-0.3	-0.4	0.1	-0.6	-0.6	-1.2	-0.8	-0.6
1618	-0.1	0.0	-0.3	-0.4	0.0	-0.6	-0.6	-1.1	-0.8	-0.6
1619	-0.1	0.0	-0.3	-0.4	0.1	-0.6	-0.6	-1.2	-0.9	-0.6
1620	-0.1	0.0	-0.3	-0.4	0.2	-0.6	-0.6	-1.3	-0.9	-0.6
1621	-0.1	0.1	-0.3	-0.4	0.5	-0.6	-0.6	-1.5	-1.0	-0.5
1622	-0.1	0.1	-0.3	-0.4	0.6	-0.6	-0.6	-1.6	-1.0	-0.6
1623	-0.1	0.1	-0.3	-0.4	0.5	-0.6	-0.6	-1.6	-1.0	-0.6
1624	-0.2	0.0	-0.4	-0.4	0.6	-0.6	-0.5	-1.6	-0.9	-0.5

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1569	554986.4	3080736.9	554953.6	3080723.6	554952.2	3080723.0	554934.6	3080715.9	554940.9	3080718.5
1570	555006.5	3080691.1	554976.3	3080678.8	554975.3	3080678.5	554957.7	3080671.3	554960.9	3080672.6
1571	555026.8	3080645.3	554998.0	3080633.7	554996.0	3080632.9	554976.5	3080625.0	554981.7	3080627.1
1572	555051.1	3080601.2	555019.4	3080588.4	555018.3	3080588.0	554998.4	3080579.9	555003.2	3080581.9
1573	555075.4	3080557.1	555040.3	3080542.9	555039.8	3080542.7	555022.6	3080535.8	555024.8	3080536.7
1574	555098.9	3080512.7	555061.2	3080497.5	555059.5	3080496.8	555047.0	3080491.7	555046.5	3080491.5
1575	555118.5	3080466.7	555083.7	3080452.6	555081.0	3080451.5	555071.1	3080447.5	555067.4	3080446.0
1576	555138.6	3080420.9	555106.3	3080407.8	555102.6	3080406.3	555092.4	3080402.2	555088.7	3080400.7
1577	555160.0	3080375.6	555132.7	3080364.5	555127.4	3080362.4	555112.3	3080356.3	555110.6	3080355.6
1578	555181.5	3080330.3	555156.1	3080320.1	555150.7	3080317.9	555132.4	3080310.5	555132.7	3080310.6
1579	555202.8	3080285.0	555178.9	3080275.4	555171.3	3080272.3	555156.8	3080266.4	555155.4	3080265.9
1580	555224.0	3080239.7	555203.6	3080231.4	555197.3	3080228.9	555179.2	3080221.6	555177.9	3080221.0
1581	555244.7	3080194.1	555227.1	3080187.0	555221.7	3080184.8	555205.9	3080178.4	555199.5	3080175.8
1582	555265.1	3080148.4	555249.4	3080142.1	555244.7	3080140.2	555229.1	3080133.9	555222.4	3080131.2
1583	555285.2	3080102.6	555269.6	3080096.3	555265.9	3080094.8	555248.5	3080087.8	555244.7	3080086.2
1584	555305.5	3080056.9	555288.8	3080050.1	555286.0	3080049.0	555264.6	3080040.4	555266.1	3080041.0
1585	555326.1	3080011.3	555309.0	3080004.4	555309.6	3080004.6	555290.0	3079996.7	555288.2	3079996.0
1586	555347.9	3079966.1	555333.8	3079960.5	555330.3	3079959.1	555316.2	3079953.4	555310.3	3079951.0
1587	555370.6	3079921.4	555357.8	3079916.2	555360.8	3079917.5	555340.9	3079909.4	555333.1	3079906.3
1588	555393.2	3079876.6	555382.9	3079872.5	555381.9	3079872.0	555356.6	3079861.8	555355.6	3079861.4
1589	555412.8	3079830.6	555408.0	3079828.7	555401.9	3079826.2	555380.2	3079817.4	555377.9	3079816.5
1590	555431.5	3079784.2	555428.1	3079782.8	555418.4	3079778.9	555402.2	3079772.4	555399.4	3079771.2
1591	555450.3	3079737.9	555447.4	3079736.7	555438.8	3079733.3	555425.0	3079727.7	555420.9	3079726.0
1592	555472.8	3079693.1	555468.4	3079691.3	555461.3	3079688.4	555446.6	3079682.5	555442.5	3079680.8
1593	555495.4	3079648.2	555492.6	3079647.1	555486.4	3079644.6	555467.8	3079637.1	555464.2	3079635.7
1594	555515.8	3079602.6	555511.2	3079600.7	555512.0	3079601.0	555492.7	3079593.2	555486.0	3079590.5
1595	555535.4	3079556.6	555530.8	3079554.7	555535.9	3079556.8	555514.0	3079547.9	555507.7	3079545.4
1596	555557.5	3079511.6	555550.9	3079508.9	555557.7	3079511.7	555534.9	3079502.5	555529.3	3079500.2
1597	555580.6	3079467.0	555569.8	3079462.6	555573.8	3079464.2	555558.5	3079458.1	555550.7	3079454.9
1598	555604.0	3079422.5	555592.5	3079417.9	555596.8	3079419.6	555579.3	3079412.5	555572.0	3079409.6
1599	555626.0	3079377.5	555612.7	3079372.1	555621.6	3079375.7	555601.2	3079367.4	555592.0	3079363.7
1600	555646.5	3079331.8	555635.7	3079327.5	555640.4	3079329.4	555622.5	3079322.1	555615.4	3079319.2
1601	555666.8	3079286.1	555658.2	3079282.6	555661.1	3079283.8	555643.2	3079276.6	555636.8	3079274.0
1602	555687.0	3079240.3	555680.4	3079237.7	555683.1	3079238.8	555664.2	3079231.1	555658.1	3079228.7
1603	555710.1	3079195.7	555702.2	3079192.5	555706.9	3079194.4	555684.2	3079185.3	555678.9	3079183.1
1604	555733.2	3079151.2	555723.9	3079147.4	555731.6	3079150.5	555703.8	3079139.3	555700.5	3079137.9
1605	555755.5	3079106.2	555746.2	3079102.5	555754.1	3079105.6	555727.6	3079095.0	555721.5	3079092.5
1606	555777.2	3079061.1	555768.0	3079057.3	555774.9	3079060.1	555748.4	3079049.5	555743.2	3079047.3
1607	555796.4	3079014.9	555788.6	3079011.7	555795.2	3079014.4	555771.4	3079004.8	555764.4	3079002.0
1608	555815.3	3078968.6	555807.8	3078965.6	555815.0	3078968.5	555792.0	3078959.2	555784.4	3078956.1
1609	555837.4	3078923.6	555827.8	3078919.7	555835.2	3078922.7	555814.1	3078914.2	555803.7	3078910.0
1610	555859.4	3078878.6	555848.9	3078874.3	555856.3	3078877.3	555835.5	3078868.9	555823.3	3078864.0
1611	555881.1	3078833.4	555870.9	3078829.3	555878.9	3078832.5	555855.3	3078823.0	555843.4	3078818.2
1612	555902.6	3078788.2	555892.7	3078784.2	555901.2	3078787.6	555877.6	3078778.1	555863.2	3078772.3
1613	555923.3	3078742.6	555913.7	3078738.7	555922.6	3078742.3	555901.6	3078733.9	555884.5	3078726.9
1614	555944.1	3078697.1	555935.9	3078693.8	555944.5	3078697.2	555924.2	3078689.0	555905.7	3078681.6
1615	555965.4	3078651.8	555958.3	3078648.9	555966.0	3078652.0	555944.7	3078643.4	555926.1	3078635.9
1616	555986.7	3078606.5	555981.6	3078604.4	555986.2	3078606.2	555962.2	3078596.6	555945.8	3078589.9
1617	556007.9	3078561.1	556004.7	3078559.8	556005.8	3078560.2	555982.3	3078550.8	555965.9	3078544.1
1618	556029.1	3078515.7	556026.7	3078514.7	556027.5	3078515.1	556004.6	3078505.8	555985.9	3078498.3
1619	556051.6	3078470.9	556049.1	3078469.9	556050.2	3078470.3	556026.6	3078460.8	556007.2	3078453.0
1620	556074.1	3078426.1	556070.1	3078424.5	556073.4	3078425.8	556047.3	3078415.2	556029.3	3078407.9
1621	556094.7	3078380.4	556090.1	3078378.6	556099.0	3078382.2	556067.8	3078369.6	556051.5	3078363.0
1622	556114.8	3078334.6	556111.2	3078333.2	556121.5	3078337.4	556089.4	3078324.4	556072.5	3078317.5
1623	556137.0	3078289.7	556133.1	3078288.1	556142.4	3078291.9	556110.3	3078278.9	556093.2	3078272.0
1624	556160.6	3078245.3	556152.7	3078242.1	556163.0	3078246.3	556130.7	3078233.2	556115.7	3078227.1

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1625	-0.2	0.1	-0.3	-0.4	0.8	-0.5	-0.5	-1.7	-1.0	-0.5
1626	-0.1	0.2	-0.3	-0.3	1.0	-0.4	-0.5	-1.7	-1.0	-0.6
1627	-0.1	0.3	-0.2	-0.3	1.0	-0.4	-0.5	-1.6	-1.0	-0.7
1628	0.1	0.2	-0.2	-0.3	0.6	-0.4	-0.5	-1.3	-1.0	-0.7
1629	0.1	0.2	-0.2	-0.3	0.4	-0.4	-0.5	-1.2	-0.9	-0.6
1630	0.2	0.2	-0.2	-0.3	0.5	-0.5	-0.5	-1.4	-0.9	-0.6
1631	0.2	0.3	-0.1	-0.3	0.6	-0.5	-0.6	-1.4	-1.0	-0.7
1632	0.2	0.3	-0.1	-0.3	0.6	-0.4	-0.6	-1.4	-1.0	-0.7
1633	0.2	0.3	-0.1	-0.3	0.5	-0.4	-0.6	-1.2	-1.0	-0.8
1634	0.3	0.3	-0.1	-0.2	0.5	-0.5	-0.6	-1.3	-1.0	-0.7
1635	0.3	0.4	-0.1	-0.3	0.4	-0.6	-0.6	-1.6	-1.0	-0.7
1636	0.4	0.3	-0.2	-0.3	0.2	-0.8	-0.7	-1.6	-1.0	-0.6
1637	0.3	0.3	-0.2	-0.3	0.2	-0.7	-0.7	-1.6	-1.0	-0.6
1638	0.2	0.2	-0.2	-0.3	0.2	-0.7	-0.7	-1.5	-1.0	-0.7
1639	0.2	0.2	-0.2	-0.3	0.3	-0.7	-0.7	-1.5	-1.0	-0.7
1640	0.1	0.2	-0.3	-0.4	0.4	-0.7	-0.7	-1.6	-1.1	-0.7
1641	0.1	0.2	-0.2	-0.4	0.5	-0.6	-0.7	-1.6	-1.1	-0.7
1642	0.1	0.2	-0.2	-0.4	0.4	-0.7	-0.7	-1.7	-1.1	-0.7
1643	0.1	0.2	-0.3	-0.4	0.3	-0.7	-0.7	-1.6	-1.0	-0.7
1644	0.1	0.1	-0.3	-0.4	0.1	-0.7	-0.7	-1.4	-1.0	-0.8
1645	0.1	0.1	-0.3	-0.4	0.1	-0.6	-0.7	-1.3	-1.0	-0.8
1646	0.1	0.0	-0.3	-0.4	-0.1	-0.7	-0.7	-1.2	-1.0	-0.8
1647	0.1	0.0	-0.3	-0.4	-0.2	-0.7	-0.8	-1.1	-1.0	-0.9
1648	0.1	0.0	-0.3	-0.4	-0.3	-0.8	-0.7	-1.1	-0.9	-0.7
1649	0.2	0.0	-0.3	-0.4	-0.5	-0.8	-0.7	-1.0	-0.7	-0.5
1650	0.2	-0.1	-0.2	-0.3	-0.7	-0.7	-0.6	-0.7	-0.6	-0.6
1651	0.3	0.0	-0.2	-0.3	-0.6	-0.6	-0.6	-0.7	-0.6	-0.6
1652	0.2	0.1	-0.1	-0.2	-0.4	-0.5	-0.6	-0.7	-0.6	-0.6
1653	0.2	0.1	-0.1	-0.2	-0.2	-0.4	-0.5	-0.6	-0.6	-0.6
1654	0.2	0.1	-0.1	-0.2	-0.2	-0.4	-0.5	-0.5	-0.5	-0.6
1655	0.2	0.1	0.0	-0.2	-0.1	-0.3	-0.4	-0.6	-0.5	-0.5
1656	0.2	0.2	-0.1	-0.2	0.1	-0.3	-0.4	-0.7	-0.6	-0.5
1657	0.2	0.2	-0.1	-0.2	0.0	-0.5	-0.4	-0.9	-0.6	-0.4
1658	0.3	0.2	-0.1	-0.2	-0.2	-0.6	-0.5	-0.9	-0.6	-0.4
1659	0.3	0.1	-0.1	-0.2	-0.3	-0.6	-0.5	-0.9	-0.6	-0.4
1660	0.2	0.1	-0.2	-0.2	-0.1	-0.6	-0.5	-1.1	-0.7	-0.4
1661	0.1	0.1	-0.2	-0.3	-0.1	-0.6	-0.5	-1.1	-0.7	-0.4
1662	0.1	0.1	-0.2	-0.3	0.1	-0.5	-0.5	-1.1	-0.7	-0.5
1663	0.0	0.1	-0.2	-0.3	0.2	-0.5	-0.5	-1.2	-0.8	-0.5
1664	0.0	0.1	-0.2	-0.3	0.4	-0.5	-0.5	-1.3	-0.8	-0.5
1665	-0.1	0.1	-0.3	-0.4	0.4	-0.5	-0.5	-1.3	-0.9	-0.6
1666	-0.1	0.1	-0.3	-0.4	0.5	-0.4	-0.6	-1.2	-1.0	-0.8
1667	-0.1	0.1	-0.3	-0.4	0.6	-0.4	-0.6	-1.3	-1.1	-0.9
1668	-0.1	0.1	-0.2	-0.4	0.6	-0.4	-0.6	-1.3	-1.1	-1.0
1669	0.0	0.2	-0.2	-0.4	0.6	-0.4	-0.6	-1.3	-1.1	-0.9
1670	0.0	0.2	-0.2	-0.4	0.6	-0.4	-0.6	-1.2	-1.1	-1.0
1671	0.0	0.2	-0.2	-0.4	0.6	-0.3	-0.6	-1.1	-1.0	-1.0
1672	-0.1	0.1	-0.2	-0.4	0.5	-0.3	-0.6	-1.0	-1.0	-0.9
1673	0.0	0.2	-0.1	-0.3	0.5	-0.3	-0.6	-1.0	-1.0	-0.9
1674	0.1	0.1	-0.1	-0.3	0.2	-0.4	-0.6	-0.9	-0.9	-0.9
1675	0.0	0.1	-0.2	-0.3	0.4	-0.4	-0.6	-1.1	-0.9	-0.8
1676	0.1	0.2	-0.1	-0.3	0.5	-0.3	-0.6	-1.1	-1.0	-0.9
1677	0.1	0.3	-0.1	-0.3	0.6	-0.3	-0.6	-1.1	-1.0	-1.0
1678	0.0	0.3	-0.1	-0.3	0.8	-0.2	-0.6	-1.1	-1.0	-1.0
1679	0.1	0.3	-0.1	-0.3	0.8	-0.2	-0.5	-1.0	-1.0	-0.9
1680	0.1	0.3	0.0	-0.3	0.8	-0.2	-0.5	-1.0	-1.0	-0.9

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1625	556179.8	3078199.1	556172.3	3078196.1	556186.8	3078202.0	556151.9	3078187.9	556137.5	3078182.0
1626	556197.9	3078152.5	556193.2	3078150.6	556210.8	3078157.7	556176.5	3078143.9	556159.0	3078136.8
1627	556216.8	3078106.2	556214.6	3078105.3	556232.9	3078112.7	556200.9	3078099.8	556180.5	3078091.5
1628	556236.5	3078060.3	556238.7	3078061.2	556250.5	3078065.9	556223.4	3078055.0	556202.9	3078046.7
1629	556256.2	3078014.3	556260.8	3078016.2	556267.9	3078019.0	556243.7	3078009.2	556224.8	3078001.6
1630	556275.6	3077968.2	556282.3	3077970.9	556290.6	3077974.3	556263.1	3077963.1	556246.1	3077956.3
1631	556295.7	3077922.4	556303.8	3077925.7	556314.3	3077929.9	556285.2	3077918.2	556265.7	3077910.3
1632	556316.5	3077876.9	556324.9	3077880.3	556336.0	3077884.7	556307.8	3077873.3	556285.6	3077864.4
1633	556336.0	3077830.8	556346.1	3077834.9	556354.7	3077838.4	556329.8	3077828.3	556306.4	3077818.8
1634	556355.9	3077784.9	556368.3	3077789.9	556376.8	3077793.4	556349.6	3077782.4	556328.0	3077773.7
1635	556378.0	3077739.9	556392.8	3077745.9	556400.6	3077749.1	556368.0	3077735.9	556348.5	3077728.0
1636	556400.2	3077695.0	556417.3	3077701.9	556420.4	3077703.1	556387.7	3077689.9	556368.6	3077682.2
1637	556422.6	3077650.1	556435.8	3077655.4	556439.1	3077656.8	556406.7	3077643.7	556388.2	3077636.2
1638	556443.6	3077604.6	556452.9	3077608.4	556456.7	3077609.9	556426.5	3077597.8	556406.1	3077589.5
1639	556462.3	3077558.3	556470.3	3077561.5	556475.8	3077563.7	556445.0	3077551.3	556423.4	3077542.6
1640	556483.8	3077513.0	556488.7	3077515.0	556495.6	3077517.8	556463.0	3077504.6	556442.4	3077496.3
1641	556504.7	3077467.6	556508.6	3077469.2	556517.3	3077472.6	556485.0	3077459.6	556462.7	3077450.6
1642	556525.8	3077422.1	556530.8	3077424.2	556539.1	3077427.5	556505.5	3077414.0	556483.2	3077404.9
1643	556548.8	3077377.5	556553.4	3077379.4	556558.7	3077381.5	556526.2	3077368.4	556506.2	3077360.3
1644	556571.8	3077332.9	556575.7	3077334.5	556578.0	3077335.4	556550.3	3077324.2	556527.5	3077315.0
1645	556594.2	3077288.0	556596.7	3077289.0	556597.8	3077289.5	556572.2	3077279.1	556548.3	3077269.5
1646	556615.8	3077242.8	556619.6	3077244.3	556618.2	3077243.8	556594.2	3077234.1	556569.4	3077224.1
1647	556637.1	3077197.5	556642.7	3077199.8	556638.8	3077198.2	556616.5	3077189.2	556590.9	3077178.8
1648	556658.0	3077152.0	556664.1	3077154.5	556657.8	3077152.0	556634.8	3077142.6	556614.4	3077134.4
1649	556678.2	3077106.2	556685.2	3077109.1	556676.0	3077105.4	556654.9	3077096.8	556638.6	3077090.2
1650	556698.3	3077060.4	556706.6	3077063.8	556693.7	3077058.6	556680.3	3077053.2	556663.7	3077046.5
1651	556718.4	3077014.7	556729.6	3077019.1	556718.7	3077014.8	556705.1	3077009.3	556688.2	3077002.4
1652	556738.6	3076968.9	556749.1	3076973.1	556742.5	3076970.4	556727.8	3076964.5	556710.7	3076957.6
1653	556758.7	3076923.1	556767.7	3076926.7	556764.2	3076925.3	556751.2	3076920.0	556733.9	3076913.1
1654	556778.9	3076877.3	556788.7	3076881.2	556784.7	3076879.6	556774.2	3076875.4	556757.3	3076868.6
1655	556799.2	3076831.6	556809.1	3076835.6	556807.1	3076834.8	556795.6	3076830.1	556779.8	3076823.7
1656	556821.5	3076786.6	556829.2	3076789.8	556831.5	3076790.7	556816.4	3076784.6	556801.3	3076778.5
1657	556842.5	3076741.2	556853.0	3076745.5	556852.9	3076745.4	556834.9	3076738.1	556822.7	3076733.2
1658	556862.4	3076695.3	556876.3	3076701.0	556873.5	3076699.8	556854.6	3076692.2	556842.6	3076687.3
1659	556885.0	3076650.5	556897.3	3076655.5	556891.7	3076653.3	556874.5	3076646.3	556861.3	3076641.0
1660	556908.0	3076605.9	556915.9	3076609.1	556914.4	3076608.5	556893.0	3076599.8	556880.1	3076594.6
1661	556928.6	3076560.3	556934.6	3076562.7	556933.6	3076562.3	556911.7	3076553.5	556898.4	3076548.1
1662	556947.7	3076514.1	556950.7	3076515.3	556953.2	3076516.3	556930.7	3076507.2	556916.0	3076501.3
1663	556966.5	3076467.8	556967.9	3076468.3	556972.5	3076470.2	556949.1	3076460.7	556933.6	3076454.5
1664	556986.6	3076421.9	556985.6	3076421.6	556993.0	3076424.6	556967.5	3076414.2	556951.3	3076407.7
1665	557007.7	3076376.6	557005.1	3076375.5	557012.7	3076378.6	556987.0	3076368.2	556967.8	3076360.4
1666	557028.7	3076331.1	557024.4	3076329.4	557032.7	3076332.7	557007.5	3076322.5	556984.4	3076313.2
1667	557049.2	3076285.5	557043.2	3076283.1	557054.9	3076287.8	557028.1	3076276.9	557002.2	3076266.5
1668	557066.3	3076238.4	557063.0	3076237.1	557074.8	3076241.9	557049.0	3076231.4	557020.5	3076220.0
1669	557084.6	3076191.9	557084.4	3076191.8	557095.3	3076196.2	557068.6	3076185.5	557041.4	3076174.5
1670	557105.5	3076146.4	557107.5	3076147.2	557117.7	3076151.3	557092.5	3076141.2	557063.7	3076129.6
1671	557129.1	3076102.0	557128.4	3076101.8	557138.6	3076105.9	557115.9	3076096.7	557086.4	3076084.8
1672	557151.8	3076057.3	557148.6	3076056.0	557157.8	3076059.7	557136.9	3076051.2	557109.1	3076040.0
1673	557168.5	3076010.1	557169.9	3076010.7	557179.1	3076014.4	557158.6	3076006.1	557130.7	3075994.8
1674	557189.1	3075964.5	557193.7	3075966.3	557196.8	3075967.6	557179.4	3075960.6	557153.0	3075949.9
1675	557212.4	3075920.0	557213.9	3075920.6	557221.0	3075923.4	557199.3	3075914.7	557175.0	3075904.9
1676	557231.0	3075873.6	557234.9	3075875.2	557244.9	3075879.2	557223.6	3075870.6	557196.2	3075859.5
1677	557250.8	3075827.7	557256.0	3075829.7	557267.2	3075834.3	557244.9	3075825.3	557216.1	3075813.6
1678	557273.0	3075782.7	557275.1	3075783.5	557289.1	3075789.2	557266.7	3075780.2	557237.0	3075768.1
1679	557292.8	3075736.7	557295.1	3075737.7	557309.1	3075743.3	557288.0	3075734.8	557259.7	3075723.4
1680	557312.4	3075690.7	557315.8	3075692.1	557330.3	3075698.0	557309.8	3075689.7	557281.8	3075678.4

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1681	0.1	0.3	0.0	-0.3	0.8	-0.1	-0.5	-0.9	-1.0	-1.0
1682	0.0	0.3	0.0	-0.3	1.0	0.0	-0.4	-0.9	-0.9	-1.0
1683	0.0	0.3	0.0	-0.2	0.8	0.0	-0.4	-0.7	-0.9	-1.0
1684	0.1	0.3	0.0	-0.2	0.8	-0.1	-0.4	-0.9	-0.9	-0.9
1685	0.1	0.3	0.0	-0.2	0.9	-0.1	-0.4	-1.0	-0.9	-0.8
1686	0.0	0.3	0.0	-0.2	0.9	0.0	-0.4	-0.9	-0.9	-0.9
1687	-0.1	0.3	-0.1	-0.3	1.1	-0.1	-0.4	-1.2	-0.9	-0.7
1688	-0.1	0.3	-0.1	-0.3	1.3	0.0	-0.3	-1.2	-0.9	-0.7
1689	0.0	0.3	0.0	-0.2	1.3	0.0	-0.4	-1.2	-1.0	-0.8
1690	0.0	0.4	0.0	-0.2	1.4	0.0	-0.4	-1.4	-1.0	-0.8
1691	0.0	0.4	0.0	-0.2	1.3	0.0	-0.4	-1.3	-1.0	-0.8
1692	-0.1	0.3	0.0	-0.2	1.3	0.0	-0.3	-1.2	-0.9	-0.7
1693	-0.1	0.3	0.0	-0.2	1.4	0.1	-0.3	-1.1	-0.9	-0.8
1694	-0.1	0.3	0.0	-0.2	1.3	0.1	-0.3	-1.0	-0.8	-0.8
1695	0.0	0.4	0.0	-0.2	1.2	0.1	-0.3	-0.9	-0.8	-0.8
1696	0.0	0.4	0.1	-0.2	1.1	0.1	-0.3	-0.8	-0.8	-0.8
1697	0.1	0.3	0.1	-0.2	0.8	0.0	-0.3	-0.7	-0.7	-0.7
1698	0.1	0.3	0.1	-0.2	0.9	0.0	-0.3	-0.7	-0.8	-0.8
1699	0.1	0.4	0.1	-0.2	1.0	0.1	-0.3	-0.8	-0.9	-0.9
1700	0.0	0.4	0.1	-0.2	1.2	0.1	-0.3	-0.8	-0.9	-0.9
1701	-0.1	0.3	0.0	-0.2	1.4	0.3	-0.3	-0.8	-0.9	-0.9
1702	-0.1	0.3	0.1	-0.2	1.4	0.3	-0.3	-0.6	-0.9	-1.0
1703	-0.1	0.3	0.1	-0.2	1.2	0.3	-0.3	-0.5	-0.8	-1.0
1704	-0.1	0.3	0.1	-0.2	1.1	0.3	-0.3	-0.5	-0.8	-1.0
1705	-0.1	0.2	0.1	-0.2	0.9	0.2	-0.3	-0.4	-0.7	-0.9
1706	0.0	0.3	0.1	-0.2	0.8	0.2	-0.3	-0.5	-0.7	-0.9
1707	0.1	0.3	0.1	-0.2	0.8	0.1	-0.4	-0.5	-0.8	-1.0
1708	0.1	0.3	0.1	-0.2	0.9	0.2	-0.3	-0.4	-0.8	-1.0
1709	0.0	0.3	0.1	-0.2	1.0	0.3	-0.3	-0.4	-0.8	-1.1
1710	-0.1	0.3	0.1	-0.2	1.2	0.4	-0.3	-0.4	-0.8	-1.1
1711	-0.1	0.3	0.1	-0.2	1.3	0.4	-0.3	-0.5	-0.8	-1.1
1712	-0.1	0.3	0.1	-0.2	1.2	0.4	-0.2	-0.4	-0.8	-1.1
1713	-0.2	0.3	0.1	-0.2	1.2	0.4	-0.2	-0.4	-0.8	-1.0
1714	-0.2	0.2	0.1	-0.2	1.2	0.5	-0.2	-0.2	-0.7	-1.0
1715	-0.2	0.2	0.1	-0.2	1.1	0.4	-0.2	-0.4	-0.7	-1.0
1716	-0.2	0.1	0.0	-0.2	1.0	0.3	-0.2	-0.4	-0.7	-0.9
1717	-0.2	0.2	0.0	-0.2	1.0	0.2	-0.2	-0.4	-0.7	-0.9
1718	-0.2	0.2	0.1	-0.2	0.9	0.3	-0.2	-0.2	-0.6	-0.9
1719	-0.1	0.1	0.1	-0.2	0.7	0.4	-0.2	0.2	-0.6	-1.0
1720	0.1	0.2	0.2	-0.1	0.6	0.4	-0.3	0.1	-0.6	-1.1
1721	0.1	0.2	0.2	-0.1	0.7	0.4	-0.3	0.1	-0.6	-1.1
1722	0.1	0.3	0.2	-0.2	0.6	0.3	-0.3	-0.1	-0.7	-1.1
1723	0.1	0.2	0.2	-0.2	0.5	0.3	-0.3	0.0	-0.6	-1.1
1724	0.1	0.3	0.2	-0.1	0.6	0.3	-0.3	0.0	-0.6	-1.1
1725	0.1	0.3	0.2	-0.1	0.6	0.3	-0.3	-0.1	-0.6	-1.0
1726	0.0	0.2	0.1	-0.1	0.7	0.3	-0.2	-0.1	-0.6	-0.9
1727	0.0	0.2	0.2	-0.1	0.6	0.4	-0.2	0.2	-0.5	-0.9
1728	0.0	0.3	0.2	-0.1	0.8	0.4	-0.1	0.1	-0.5	-0.9
1729	0.0	0.3	0.2	-0.1	1.0	0.5	-0.1	0.0	-0.5	-0.8
1730	-0.1	0.3	0.2	-0.1	1.0	0.5	0.0	0.1	-0.4	-0.8
1731	-0.1	0.3	0.2	0.0	1.2	0.5	0.0	-0.1	-0.4	-0.6
1732	-0.1	0.3	0.2	0.0	1.4	0.6	0.1	0.0	-0.4	-0.7
1733	-0.1	0.4	0.3	0.0	1.4	0.7	0.1	0.1	-0.4	-0.8
1734	-0.1	0.4	0.3	0.0	1.5	0.7	0.1	0.0	-0.5	-0.8
1735	0.0	0.4	0.4	0.0	1.4	0.8	0.1	0.2	-0.4	-0.8
1736	0.0	0.4	0.3	0.0	1.3	0.7	0.1	0.2	-0.4	-0.8

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1681	557332.0	3075644.7	557335.9	3075646.3	557350.7	3075652.3	557332.1	3075644.8	557302.6	3075632.9
1682	557352.2	3075599.0	557352.7	3075599.2	557370.3	3075606.3	557352.7	3075599.2	557323.0	3075587.2
1683	557372.4	3075553.2	557373.4	3075553.6	557388.6	3075559.8	557373.5	3075553.7	557344.8	3075542.0
1684	557392.9	3075507.6	557397.0	3075509.2	557411.2	3075515.0	557392.2	3075507.3	557366.5	3075496.9
1685	557413.7	3075462.1	557417.8	3075463.7	557433.6	3075470.1	557413.0	3075461.8	557387.8	3075451.6
1686	557435.0	3075416.7	557436.3	3075417.2	557453.6	3075424.2	557434.4	3075416.5	557408.2	3075405.9
1687	557458.3	3075372.2	557455.1	3075370.9	557474.6	3075378.8	557450.6	3075369.1	557430.3	3075360.9
1688	557480.8	3075327.4	557474.9	3075325.0	557498.5	3075334.5	557473.5	3075324.4	557452.3	3075315.9
1689	557499.8	3075281.1	557497.6	3075280.3	557520.8	3075289.6	557497.3	3075280.1	557472.5	3075270.1
1690	557520.0	3075235.4	557518.8	3075234.9	557545.6	3075245.7	557517.6	3075234.4	557494.0	3075224.9
1691	557540.8	3075189.8	557540.1	3075189.5	557564.5	3075199.4	557538.8	3075189.0	557515.6	3075179.7
1692	557563.0	3075144.9	557560.1	3075143.7	557583.7	3075153.3	557559.9	3075143.6	557537.7	3075134.7
1693	557584.9	3075099.8	557579.1	3075097.5	557604.7	3075107.8	557583.2	3075099.1	557560.2	3075089.8
1694	557605.1	3075054.0	557600.0	3075052.0	557624.9	3075062.0	557605.5	3075054.2	557582.8	3075045.0
1695	557624.8	3075008.1	557623.5	3075007.6	557646.6	3075016.9	557628.8	3075009.7	557605.6	3075000.3
1696	557647.3	3074963.2	557648.9	3074963.9	557669.0	3074972.0	557652.7	3074965.4	557628.9	3074955.8
1697	557670.1	3074918.5	557673.6	3074919.9	557689.0	3074926.2	557674.3	3074920.2	557652.0	3074911.2
1698	557693.2	3074873.9	557696.9	3074875.4	557713.1	3074881.9	557698.4	3074876.0	557674.4	3074866.3
1699	557715.4	3074829.0	557719.2	3074830.5	557738.5	3074838.3	557721.5	3074831.4	557695.5	3074820.9
1700	557739.6	3074784.8	557740.0	3074785.0	557761.5	3074793.7	557745.1	3074787.0	557717.7	3074776.0
1701	557764.6	3074741.0	557758.7	3074738.6	557785.3	3074749.4	557768.4	3074742.5	557740.8	3074731.4
1702	557786.9	3074696.1	557781.1	3074693.7	557806.9	3074704.2	557794.3	3074699.1	557763.8	3074686.8
1703	557807.8	3074650.6	557804.1	3074649.1	557826.2	3074658.0	557816.9	3074654.3	557786.5	3074642.0
1704	557831.1	3074606.1	557827.4	3074604.6	557847.8	3074612.8	557838.5	3074609.1	557809.8	3074597.5
1705	557855.1	3074561.8	557851.4	3074560.4	557867.7	3074566.9	557859.8	3074563.7	557832.4	3074552.7
1706	557876.1	3074516.4	557876.7	3074516.7	557891.8	3074522.8	557882.7	3074519.1	557855.3	3074508.0
1707	557898.1	3074471.4	557903.3	3074473.5	557917.7	3074479.3	557907.1	3074475.0	557878.6	3074463.5
1708	557921.8	3074427.0	557925.3	3074428.4	557942.0	3074435.2	557933.1	3074431.6	557902.8	3074419.3
1709	557947.0	3074383.3	557946.9	3074383.2	557965.1	3074390.6	557957.8	3074387.6	557925.0	3074374.4
1710	557971.5	3074339.2	557967.9	3074337.8	557990.7	3074347.0	557982.7	3074343.8	557949.9	3074330.5
1711	557994.9	3074294.8	557990.7	3074293.1	558014.9	3074302.9	558005.3	3074299.0	557973.0	3074285.9
1712	558018.9	3074250.6	558014.4	3074248.7	558037.5	3074258.1	558029.7	3074254.9	557997.3	3074241.8
1713	558043.6	3074206.6	558037.0	3074203.9	558059.5	3074213.0	558052.3	3074210.1	558021.9	3074197.8
1714	558067.3	3074162.2	558059.3	3074159.0	558082.3	3074168.3	558077.2	3074166.3	558046.4	3074153.8
1715	558093.2	3074118.8	558084.9	3074115.4	558106.1	3074124.0	558098.8	3074121.0	558068.9	3074109.0
1716	558119.0	3074075.3	558109.8	3074071.5	558128.0	3074078.9	558119.6	3074075.5	558094.1	3074065.2
1717	558140.8	3074030.2	558133.9	3074027.4	558152.0	3074034.7	558143.6	3074031.3	558117.2	3074020.6
1718	558161.6	3073984.6	558154.8	3073981.9	558172.1	3073988.9	558168.1	3073987.3	558140.3	3073976.0
1719	558182.1	3073939.0	558177.3	3073937.1	558190.4	3073942.4	558193.7	3073943.7	558162.9	3073931.2
1720	558201.8	3073893.0	558204.3	3073894.0	558216.1	3073898.8	558218.9	3073899.9	558185.3	3073886.4
1721	558223.6	3073847.9	558226.2	3073849.0	558238.6	3073854.0	558240.2	3073854.6	558207.2	3073841.3
1722	558246.9	3073803.4	558250.5	3073804.9	558262.5	3073809.7	558260.7	3073809.0	558228.8	3073796.1
1723	558268.1	3073758.0	558272.9	3073760.0	558283.0	3073764.0	558282.9	3073764.0	558251.3	3073751.2
1724	558288.9	3073712.5	558294.1	3073714.6	558305.1	3073719.0	558305.3	3073719.1	558273.6	3073706.3
1725	558309.8	3073667.0	558314.5	3073668.9	558326.3	3073673.7	558325.0	3073673.2	558295.3	3073661.2
1726	558333.4	3073622.7	558334.6	3073623.1	558347.7	3073628.4	558345.2	3073627.4	558318.3	3073616.5
1727	558355.5	3073577.6	558354.8	3073577.4	558366.2	3073581.9	558370.7	3073583.8	558342.7	3073572.5
1728	558375.0	3073531.6	558375.4	3073531.8	558391.0	3073538.0	558392.2	3073538.5	558366.4	3073528.1
1729	558396.8	3073486.5	558395.1	3073485.8	558413.9	3073493.4	558414.1	3073493.5	558389.0	3073483.3
1730	558418.8	3073441.4	558415.3	3073440.0	558434.8	3073447.9	558436.6	3073448.6	558412.3	3073438.8
1731	558440.7	3073396.3	558436.5	3073394.7	558457.9	3073403.3	558456.3	3073402.6	558438.2	3073395.3
1732	558462.2	3073351.1	558458.0	3073349.4	558483.5	3073359.7	558482.6	3073359.3	558461.8	3073350.9
1733	558483.7	3073305.9	558479.5	3073304.2	558505.5	3073314.7	558508.2	3073315.8	558484.3	3073306.1
1734	558503.1	3073259.8	558500.9	3073258.9	558529.1	3073270.3	558528.6	3073270.1	558505.3	3073260.7
1735	558522.5	3073213.7	558521.5	3073213.3	558546.7	3073223.5	558551.5	3073225.4	558526.9	3073215.5
1736	558544.0	3073168.4	558542.1	3073167.7	558566.8	3073177.7	558571.0	3073179.4	558548.6	3073170.3

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1737	0.0	0.3	0.4	0.0	1.0	0.7	0.0	0.5	-0.3	-0.9
1738	0.1	0.2	0.4	0.0	0.6	0.6	0.0	0.7	-0.2	-0.9
1739	0.1	0.2	0.3	0.0	0.5	0.6	0.0	0.7	-0.2	-0.8
1740	0.1	0.3	0.3	0.0	0.7	0.6	0.0	0.5	-0.3	-0.8
1741	0.0	0.2	0.3	0.0	0.8	0.6	0.0	0.5	-0.3	-0.8
1742	-0.1	0.2	0.3	0.0	0.8	0.7	0.0	0.5	-0.3	-0.8
1743	-0.1	0.2	0.3	0.0	0.9	0.6	0.0	0.4	-0.3	-0.8
1744	-0.1	0.2	0.2	0.0	0.8	0.6	0.0	0.5	-0.3	-0.8
1745	-0.1	0.1	0.2	-0.1	0.7	0.7	0.0	0.6	-0.3	-0.9
1746	-0.1	0.1	0.3	0.0	0.6	0.7	0.1	0.8	-0.1	-0.8
1747	-0.1	0.1	0.3	-0.1	0.7	0.7	0.0	0.7	-0.3	-1.0
1748	-0.1	0.1	0.2	-0.1	0.8	0.6	0.0	0.5	-0.3	-0.8
1749	-0.2	0.2	0.2	-0.1	1.0	0.7	0.0	0.5	-0.3	-0.9
1750	-0.2	0.2	0.2	-0.1	1.1	0.7	0.0	0.4	-0.4	-0.9
1751	-0.2	0.1	0.2	-0.1	1.1	0.7	0.0	0.4	-0.3	-0.8
1752	-0.3	0.1	0.2	-0.1	1.1	0.7	0.1	0.5	-0.3	-0.8
1753	-0.3	0.1	0.2	-0.1	1.0	0.8	0.1	0.6	-0.3	-0.8
1754	-0.2	0.2	0.3	0.0	1.1	0.8	0.1	0.5	-0.3	-0.8
1755	-0.3	0.2	0.2	0.0	1.2	0.8	0.1	0.5	-0.2	-0.7
1756	-0.3	0.1	0.3	0.0	1.0	0.8	0.2	0.7	-0.2	-0.7
1757	-0.2	0.1	0.2	0.0	1.0	0.8	0.2	0.6	-0.1	-0.6
1758	-0.2	0.2	0.2	0.0	1.1	0.7	0.2	0.4	-0.2	-0.6
1759	-0.2	0.2	0.2	0.0	1.1	0.7	0.2	0.4	-0.2	-0.6
1760	-0.3	0.2	0.2	0.0	1.2	0.7	0.2	0.3	-0.2	-0.5
1761	-0.3	0.1	0.2	0.0	1.1	0.8	0.2	0.5	-0.2	-0.6
1762	-0.3	0.1	0.2	0.0	1.2	0.7	0.2	0.4	-0.2	-0.6
1763	-0.4	0.1	0.1	0.0	1.3	0.7	0.2	0.2	-0.2	-0.5
1764	-0.4	0.2	0.2	0.0	1.4	0.7	0.2	0.1	-0.2	-0.5
1765	-0.3	0.2	0.2	0.0	1.5	0.8	0.2	0.1	-0.3	-0.5
1766	-0.3	0.2	0.2	0.0	1.4	0.7	0.1	0.0	-0.3	-0.6
1767	-0.2	0.2	0.2	0.0	1.1	0.6	0.1	0.2	-0.3	-0.6
1768	-0.1	0.2	0.2	0.0	1.1	0.5	0.0	0.1	-0.4	-0.7
1769	-0.1	0.3	0.2	-0.1	1.1	0.5	0.0	0.0	-0.4	-0.8
1770	-0.1	0.2	0.2	-0.1	1.0	0.5	0.0	0.0	-0.4	-0.7
1771	-0.1	0.3	0.2	-0.1	1.3	0.5	0.0	-0.2	-0.5	-0.7
1772	-0.2	0.3	0.1	-0.1	1.3	0.5	0.0	-0.3	-0.5	-0.6
1773	-0.2	0.3	0.1	-0.1	1.4	0.5	0.0	-0.4	-0.5	-0.5
1774	-0.2	0.3	0.1	-0.1	1.6	0.4	0.0	-0.6	-0.6	-0.5
1775	-0.3	0.3	0.1	-0.1	1.7	0.5	0.0	-0.5	-0.6	-0.6
1776	-0.3	0.3	0.1	-0.1	1.6	0.5	0.0	-0.5	-0.6	-0.6
1777	-0.1	0.3	0.2	-0.1	1.2	0.5	0.0	-0.1	-0.5	-0.8
1778	0.0	0.3	0.2	-0.1	1.0	0.5	-0.1	0.1	-0.5	-0.8
1779	-0.1	0.3	0.2	-0.1	1.1	0.6	-0.1	0.1	-0.5	-0.9
1780	-0.1	0.3	0.2	-0.1	1.0	0.5	-0.1	0.1	-0.5	-0.9
1781	-0.1	0.3	0.2	-0.1	1.1	0.5	-0.1	0.0	-0.5	-0.9
1782	-0.1	0.3	0.2	-0.1	1.3	0.6	-0.1	-0.1	-0.6	-0.9
1783	-0.2	0.3	0.2	-0.1	1.3	0.5	-0.1	-0.2	-0.6	-0.9
1784	-0.3	0.1	0.1	-0.2	1.2	0.5	-0.1	-0.1	-0.5	-0.8
1785	-0.3	0.1	0.1	-0.2	1.3	0.6	-0.1	-0.1	-0.5	-0.9
1786	-0.3	0.2	0.1	-0.2	1.3	0.5	-0.1	-0.2	-0.6	-0.9
1787	-0.3	0.2	0.1	-0.2	1.4	0.6	-0.1	-0.2	-0.7	-1.0
1788	-0.4	0.2	0.1	-0.2	1.4	0.6	-0.1	-0.2	-0.7	-1.0
1789	-0.4	0.1	0.0	-0.2	1.4	0.5	-0.1	-0.4	-0.7	-0.9
1790	-0.3	0.2	0.0	-0.2	1.4	0.4	-0.1	-0.4	-0.6	-0.8
1791	-0.2	0.2	0.1	-0.1	1.3	0.5	-0.1	-0.3	-0.6	-0.8
1792	-0.2	0.2	0.1	-0.2	1.3	0.5	-0.1	-0.3	-0.6	-0.9

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1737	558565.5	3073123.2	558566.8	3073123.7	558585.0	3073131.1	558595.7	3073135.4	558569.6	3073124.9
1738	558587.3	3073078.1	558591.6	3073079.8	558602.1	3073084.1	558616.6	3073089.9	558589.8	3073079.1
1739	558607.5	3073032.3	558612.8	3073034.5	558621.3	3073037.9	558634.6	3073043.3	558610.0	3073033.3
1740	558627.6	3072986.5	558632.5	3072988.5	558645.3	3072993.7	558655.0	3072997.6	558629.8	3072987.4
1741	558648.9	3072941.2	558650.1	3072941.7	558664.2	3072947.4	558674.0	3072951.4	558649.7	3072941.5
1742	558671.0	3072896.2	558668.2	3072895.1	558683.9	3072901.4	558693.7	3072905.4	558668.8	3072895.3
1743	558691.4	3072850.5	558688.5	3072849.4	558704.6	3072855.9	558713.6	3072859.5	558689.5	3072849.8
1744	558715.2	3072806.2	558710.3	3072804.2	558725.3	3072810.3	558735.0	3072814.2	558710.1	3072804.2
1745	558737.5	3072761.3	558731.9	3072759.0	558744.8	3072764.3	558758.0	3072769.6	558730.2	3072758.4
1746	558757.3	3072715.4	558752.6	3072713.5	558763.2	3072717.8	558779.0	3072724.1	558756.2	3072714.9
1747	558777.6	3072669.7	558772.9	3072667.7	558785.8	3072672.9	558800.8	3072679.0	558770.5	3072666.8
1748	558798.4	3072624.1	558793.0	3072622.0	558807.5	3072627.8	558817.3	3072631.7	558792.3	3072621.7
1749	558820.5	3072579.1	558813.0	3072576.1	558830.6	3072583.2	558840.0	3072587.0	558813.7	3072576.4
1750	558841.8	3072533.8	558832.7	3072530.1	558852.3	3072538.0	558860.5	3072541.3	558833.5	3072530.4
1751	558863.0	3072488.4	558852.1	3072484.0	558872.0	3072492.1	558879.8	3072495.2	558854.9	3072485.2
1752	558883.7	3072442.9	558871.9	3072438.1	558891.6	3072446.1	558900.8	3072449.8	558876.2	3072439.8
1753	558903.1	3072396.8	558892.1	3072392.4	558910.9	3072399.9	558922.3	3072404.5	558897.2	3072394.4
1754	558919.9	3072349.6	558911.4	3072346.2	558931.4	3072354.3	558941.6	3072358.4	558918.4	3072349.1
1755	558941.4	3072304.4	558930.2	3072299.9	558951.6	3072308.5	558961.7	3072312.6	558939.8	3072303.8
1756	558962.0	3072258.8	558951.1	3072254.4	558969.8	3072262.0	558983.5	3072267.5	558962.0	3072258.8
1757	558982.3	3072213.1	558972.5	3072209.1	558990.9	3072216.6	559002.7	3072221.3	558983.6	3072213.6
1758	559004.0	3072167.9	558994.8	3072164.2	559015.1	3072172.4	559022.3	3072175.3	559005.6	3072168.6
1759	559025.1	3072122.5	559015.9	3072118.8	559037.0	3072127.3	559044.6	3072130.4	559027.0	3072123.3
1760	559047.8	3072077.8	559036.0	3072073.0	559057.7	3072081.7	559064.0	3072084.3	559048.0	3072077.9
1761	559069.9	3072032.8	559056.0	3072027.2	559076.3	3072035.3	559086.2	3072039.3	559068.6	3072032.2
1762	559090.6	3071987.2	559076.0	3071981.3	559097.8	3071990.1	559105.0	3071993.0	559088.4	3071986.3
1763	559111.6	3071941.8	559095.5	3071935.3	559119.9	3071945.1	559123.1	3071946.4	559108.3	3071940.4
1764	559130.0	3071895.2	559113.9	3071888.8	559140.2	3071899.4	559143.0	3071900.5	559128.3	3071894.6
1765	559148.6	3071848.9	559134.5	3071843.1	559162.2	3071854.3	559163.7	3071855.0	559147.7	3071848.5
1766	559168.9	3071803.1	559156.6	3071798.2	559183.0	3071808.8	559183.9	3071809.2	559166.8	3071802.3
1767	559189.8	3071757.6	559180.2	3071753.8	559201.0	3071762.2	559204.9	3071763.8	559186.2	3071756.2
1768	559209.1	3071711.5	559203.6	3071709.3	559223.7	3071717.4	559224.9	3071717.9	559205.2	3071709.9
1769	559229.6	3071665.9	559224.8	3071663.9	559245.3	3071672.2	559245.7	3071672.4	559223.2	3071663.3
1770	559250.8	3071620.5	559245.5	3071618.4	559263.7	3071625.7	559263.9	3071625.8	559243.4	3071617.5
1771	559271.0	3071574.7	559264.5	3071572.1	559288.9	3071582.0	559284.0	3071580.0	559263.3	3071571.6
1772	559291.2	3071529.0	559283.5	3071525.9	559308.0	3071535.8	559302.0	3071533.3	559284.1	3071526.1
1773	559312.2	3071483.5	559304.7	3071480.5	559330.8	3071491.1	559322.2	3071487.6	559305.8	3071480.9
1774	559335.4	3071439.0	559326.1	3071435.2	559355.4	3071447.1	559342.8	3071442.0	559327.7	3071435.9
1775	559358.2	3071394.3	559346.0	3071389.4	559377.0	3071401.9	559365.9	3071397.4	559349.1	3071390.6
1776	559380.2	3071349.2	559367.1	3071343.9	559397.1	3071356.1	559387.0	3071352.0	559369.5	3071344.9
1777	559394.9	3071301.2	559390.4	3071299.4	559411.8	3071308.1	559410.8	3071307.7	559387.2	3071298.1
1778	559412.1	3071254.2	559411.9	3071254.2	559430.3	3071261.6	559431.5	3071262.1	559406.5	3071252.0
1779	559434.7	3071209.5	559431.9	3071208.4	559451.7	3071216.3	559453.6	3071217.1	559427.1	3071206.4
1780	559456.2	3071164.2	559453.0	3071162.9	559472.2	3071170.7	559473.6	3071171.3	559448.1	3071160.9
1781	559476.9	3071118.6	559473.2	3071117.2	559493.3	3071125.3	559493.6	3071125.4	559466.8	3071114.6
1782	559497.0	3071072.9	559491.5	3071070.6	559516.1	3071080.6	559513.3	3071079.4	559486.7	3071068.7
1783	559519.9	3071028.2	559512.8	3071025.3	559536.4	3071034.8	559533.1	3071033.5	559507.1	3071023.0
1784	559547.2	3070985.3	559533.0	3070979.5	559555.0	3070988.4	559552.7	3070987.5	559528.6	3070977.8
1785	559569.4	3070940.3	559554.8	3070934.4	559578.0	3070943.8	559576.4	3070943.1	559550.9	3070932.8
1786	559591.2	3070895.2	559578.6	3070890.1	559601.8	3070899.5	559598.7	3070898.3	559572.2	3070887.5
1787	559616.2	3070851.4	559603.0	3070846.0	559628.6	3070856.4	559624.9	3070854.9	559595.2	3070842.9
1788	559643.5	3070808.5	559627.8	3070802.2	559653.2	3070812.4	559650.1	3070811.1	559620.2	3070799.1
1789	559670.5	3070765.5	559653.2	3070758.5	559679.6	3070769.1	559672.0	3070766.1	559645.1	3070755.2
1790	559692.3	3070720.3	559679.4	3070715.1	559704.5	3070725.3	559696.1	3070721.9	559673.6	3070712.8
1791	559716.1	3070676.0	559706.4	3070672.1	559730.6	3070681.9	559725.4	3070679.8	559701.5	3070670.1
1792	559743.4	3070633.1	559732.9	3070628.9	559757.4	3070638.8	559752.3	3070636.7	559725.5	3070625.9

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1793	-0.2	0.2	0.1	-0.1	1.2	0.5	-0.1	-0.1	-0.6	-0.9
1794	-0.2	0.2	0.1	-0.1	1.2	0.5	-0.1	-0.1	-0.5	-0.8
1795	-0.3	0.2	0.1	-0.1	1.2	0.6	0.0	0.0	-0.5	-0.9
1796	-0.3	0.2	0.1	-0.1	1.3	0.6	-0.1	0.0	-0.5	-0.9
1797	-0.2	0.3	0.2	-0.1	1.4	0.6	-0.1	0.0	-0.6	-1.0
1798	-0.1	0.3	0.2	-0.1	1.3	0.6	-0.1	-0.1	-0.6	-0.9
1799	-0.1	0.3	0.2	-0.1	1.1	0.6	-0.1	0.2	-0.5	-1.0
1800	-0.1	0.2	0.3	-0.1	0.9	0.7	-0.1	0.5	-0.4	-1.0
1801	-0.1	0.1	0.3	-0.1	0.7	0.7	-0.1	0.7	-0.3	-1.0
1802	-0.2	0.1	0.2	-0.1	1.0	0.7	0.0	0.5	-0.4	-1.0
1803	-0.4	0.1	0.1	-0.1	1.4	0.8	0.0	0.2	-0.5	-0.9
1804	-0.5	0.1	0.2	-0.1	1.5	0.9	0.1	0.3	-0.5	-1.0
1805	-0.6	0.1	0.1	-0.2	1.6	0.9	0.1	0.3	-0.5	-1.1
1806	-0.5	0.1	0.2	-0.2	1.7	1.0	0.1	0.3	-0.5	-1.1
1807	-0.5	0.1	0.2	-0.2	1.6	1.0	0.1	0.5	-0.5	-1.2
1808	-0.6	0.0	0.2	-0.2	1.4	1.0	0.1	0.6	-0.4	-1.1
1809	-0.5	0.0	0.2	-0.2	1.4	0.9	0.1	0.5	-0.4	-1.1
1810	-0.4	0.1	0.2	-0.1	1.4	0.9	0.1	0.5	-0.4	-1.1
1811	-0.5	0.1	0.2	-0.1	1.4	0.9	0.1	0.4	-0.4	-1.0
1812	-0.4	0.1	0.2	-0.1	1.2	0.8	0.0	0.4	-0.4	-0.9
1813	-0.4	0.0	0.1	-0.1	1.0	0.7	0.0	0.4	-0.4	-0.9
1814	-0.3	0.1	0.1	-0.1	1.0	0.5	0.0	0.0	-0.4	-0.7
1815	-0.4	0.1	0.0	-0.2	1.1	0.5	0.0	0.0	-0.4	-0.7
1816	-0.6	0.1	0.1	-0.2	1.7	0.8	0.1	0.0	-0.5	-0.8
1817	-0.5	0.1	0.1	-0.1	1.5	0.8	0.1	0.1	-0.4	-0.8
1818	-0.5	0.0	0.1	-0.2	1.3	0.8	0.1	0.2	-0.4	-0.8
1819	-0.5	0.0	0.1	-0.2	1.2	0.7	0.1	0.3	-0.3	-0.8
1820	-0.4	0.0	0.1	-0.1	1.0	0.6	0.0	0.3	-0.3	-0.7
1821	-0.3	0.0	0.1	-0.1	0.8	0.6	0.0	0.4	-0.3	-0.7
1822	-0.2	0.0	0.2	-0.1	0.7	0.6	0.0	0.5	-0.3	-0.8
1823	-0.2	0.0	0.1	-0.1	0.7	0.5	0.0	0.4	-0.3	-0.8
1824	-0.3	0.0	0.1	-0.2	0.9	0.5	0.0	0.2	-0.4	-0.8
1825	-0.4	0.1	0.1	-0.2	1.2	0.6	0.0	0.1	-0.5	-0.9
1826	-0.5	0.0	0.0	-0.2	1.1	0.5	-0.1	0.0	-0.5	-0.9
1827	-0.3	0.1	0.1	-0.2	1.0	0.5	-0.1	0.0	-0.5	-0.9
1828	-0.3	0.1	0.1	-0.2	1.1	0.5	-0.1	0.1	-0.5	-0.8
1829	-0.4	0.0	0.1	-0.2	1.1	0.6	-0.1	0.1	-0.5	-0.9
1830	-0.4	0.0	0.0	-0.2	0.9	0.5	-0.1	0.1	-0.4	-0.8
1831	-0.3	0.1	0.0	-0.2	1.1	0.4	-0.1	-0.2	-0.5	-0.7
1832	-0.3	0.1	0.0	-0.2	1.0	0.4	-0.1	-0.1	-0.5	-0.7
1833	-0.4	0.0	0.0	-0.2	0.9	0.5	-0.1	0.1	-0.4	-0.8
1834	-0.3	0.0	0.1	-0.2	0.9	0.5	-0.1	0.2	-0.4	-0.8
1835	-0.4	0.0	0.1	-0.2	0.8	0.5	0.0	0.2	-0.4	-0.8
1836	-0.4	-0.1	0.0	-0.2	0.7	0.5	0.0	0.2	-0.3	-0.7
1837	-0.3	-0.1	0.0	-0.2	0.5	0.4	-0.1	0.3	-0.3	-0.7
1838	-0.3	-0.1	0.0	-0.2	0.6	0.4	-0.1	0.3	-0.3	-0.7
1839	-0.3	0.0	0.0	-0.2	0.8	0.5	0.0	0.1	-0.4	-0.7
1840	-0.3	0.1	0.1	-0.1	1.1	0.5	0.0	-0.1	-0.4	-0.6
1841	-0.2	0.2	0.1	-0.1	1.1	0.5	0.0	0.0	-0.4	-0.7
1842	-0.1	0.2	0.1	-0.1	0.9	0.4	0.0	0.0	-0.4	-0.7
1843	-0.1	0.2	0.2	0.0	0.7	0.4	0.0	0.2	-0.3	-0.7
1844	0.0	0.2	0.1	0.0	0.6	0.3	-0.1	-0.1	-0.3	-0.5
1845	0.0	0.2	0.1	-0.1	0.7	0.3	-0.1	-0.1	-0.4	-0.6
1846	0.0	0.2	0.1	-0.1	0.8	0.4	-0.1	0.0	-0.5	-0.8
1847	-0.1	0.2	0.2	-0.1	0.8	0.4	-0.1	0.1	-0.4	-0.8
1848	0.0	0.2	0.2	-0.1	0.6	0.3	-0.1	0.0	-0.4	-0.7

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1793	559769.7	3070589.8	559759.5	3070585.7	559782.0	3070594.8	559779.0	3070593.6	559753.6	3070583.3
1794	559793.7	3070545.6	559784.7	3070542.0	559806.3	3070550.7	559804.5	3070550.0	559781.2	3070540.6
1795	559821.8	3070503.0	559809.3	3070498.0	559831.7	3070507.1	559831.9	3070507.1	559806.0	3070496.7
1796	559848.6	3070459.9	559835.4	3070454.6	559859.2	3070464.2	559859.3	3070464.3	559831.9	3070453.2
1797	559871.6	3070415.3	559862.0	3070411.4	559887.2	3070421.6	559887.0	3070421.5	559857.7	3070409.7
1798	559893.5	3070370.2	559889.0	3070368.4	559912.3	3070377.8	559910.6	3070377.1	559882.6	3070365.8
1799	559917.2	3070325.9	559911.9	3070323.7	559933.0	3070332.3	559936.6	3070333.7	559907.0	3070321.8
1800	559937.0	3070280.0	559934.7	3070279.0	559950.9	3070285.6	559961.0	3070289.6	559931.0	3070277.5
1801	559962.6	3070236.3	559956.8	3070234.0	559970.6	3070239.6	559984.2	3070245.1	559953.2	3070232.6
1802	559985.9	3070191.9	559975.7	3070187.7	559993.8	3070195.1	560003.9	3070199.1	559975.0	3070187.5
1803	560013.0	3070148.9	559994.8	3070141.5	560020.4	3070151.9	560024.5	3070153.5	559997.1	3070142.5
1804	560035.1	3070103.9	560014.1	3070095.4	560042.9	3070107.0	560049.6	3070109.7	560019.2	3070097.5
1805	560062.6	3070061.1	560038.3	3070051.3	560068.5	3070063.5	560074.5	3070065.9	560042.4	3070052.9
1806	560085.2	3070016.3	560063.0	3070007.3	560093.9	3070019.8	560100.8	3070022.6	560067.3	3070009.0
1807	560109.7	3069972.2	560087.9	3069963.4	560117.1	3069975.2	560127.7	3069979.5	560092.7	3069965.4
1808	560136.7	3069929.2	560112.5	3069919.5	560138.9	3069930.1	560151.2	3069935.1	560118.2	3069921.7
1809	560161.6	3069885.3	560138.0	3069875.8	560164.1	3069886.4	560174.7	3069890.6	560141.7	3069877.3
1810	560180.3	3069839.0	560161.6	3069831.4	560187.7	3069842.0	560197.5	3069845.9	560165.6	3069833.0
1811	560202.2	3069793.9	560182.2	3069785.8	560208.6	3069796.5	560216.2	3069799.6	560187.9	3069788.1
1812	560224.1	3069748.8	560206.4	3069741.7	560228.0	3069750.4	560236.5	3069753.8	560209.4	3069742.9
1813	560246.0	3069703.7	560229.9	3069697.2	560247.8	3069704.5	560255.3	3069707.5	560229.4	3069697.0
1814	560264.8	3069657.4	560251.6	3069652.1	560270.1	3069659.6	560271.0	3069659.9	560248.9	3069651.0
1815	560286.3	3069612.2	560269.8	3069605.5	560290.3	3069613.8	560290.1	3069613.7	560269.1	3069605.2
1816	560308.5	3069567.2	560281.2	3069556.2	560312.5	3069568.8	560313.0	3069569.0	560289.1	3069559.4
1817	560327.2	3069520.8	560304.2	3069511.6	560332.4	3069522.9	560334.9	3069524.0	560310.6	3069514.1
1818	560350.1	3069476.2	560327.3	3069467.0	560352.0	3069476.9	560356.6	3069478.8	560332.6	3069469.1
1819	560373.6	3069431.8	560350.4	3069422.4	560371.8	3069431.0	560378.6	3069433.7	560355.5	3069424.4
1820	560394.6	3069386.3	560375.1	3069378.4	560393.6	3069385.9	560399.5	3069388.3	560378.1	3069379.6
1821	560413.7	3069340.1	560399.1	3069334.2	560414.4	3069340.4	560422.4	3069343.6	560400.1	3069334.6
1822	560431.8	3069293.5	560421.1	3069289.2	560434.6	3069294.6	560444.7	3069298.7	560420.9	3069289.1
1823	560452.0	3069247.7	560442.5	3069243.9	560454.7	3069248.8	560462.2	3069251.8	560439.6	3069242.7
1824	560473.2	3069202.4	560458.8	3069196.5	560474.8	3069203.0	560478.9	3069204.7	560456.1	3069195.4
1825	560492.5	3069156.2	560474.0	3069148.7	560496.6	3069157.9	560497.9	3069158.4	560472.2	3069148.0
1826	560516.4	3069111.9	560495.9	3069103.7	560517.2	3069112.3	560516.6	3069112.0	560490.0	3069101.3
1827	560530.6	3069063.8	560518.0	3069058.7	560537.3	3069066.5	560538.2	3069066.8	560511.1	3069055.9
1828	560551.1	3069018.1	560538.6	3069013.1	560558.3	3069021.0	560559.5	3069021.5	560534.2	3069011.3
1829	560577.2	3068974.7	560560.6	3068968.0	560580.3	3068976.0	560582.4	3068976.8	560556.8	3068966.5
1830	560600.1	3068930.1	560583.5	3068923.4	560600.6	3068930.3	560603.2	3068931.3	560579.8	3068921.9
1831	560621.2	3068884.7	560606.5	3068878.7	560627.1	3068887.0	560623.1	3068885.4	560602.4	3068877.1
1832	560644.2	3068840.0	560629.3	3068834.0	560647.6	3068841.4	560646.0	3068840.7	560624.3	3068832.0
1833	560667.6	3068795.6	560650.5	3068788.6	560667.1	3068795.4	560668.6	3068796.0	560645.2	3068786.5
1834	560683.9	3068748.2	560670.2	3068742.7	560686.2	3068749.1	560689.9	3068750.6	560666.1	3068741.0
1835	560703.9	3068702.3	560688.4	3068696.1	560704.0	3068702.4	560708.5	3068704.2	560686.0	3068695.1
1836	560726.2	3068657.5	560708.2	3068650.2	560721.1	3068655.4	560726.0	3068657.4	560704.8	3068648.8
1837	560742.8	3068610.2	560728.3	3068604.4	560736.7	3068607.8	560743.3	3068610.4	560723.8	3068602.6
1838	560759.6	3068563.1	560745.0	3068557.2	560755.4	3068561.4	560761.1	3068563.7	560741.4	3068555.7
1839	560775.6	3068515.6	560761.2	3068509.8	560776.7	3068516.1	560779.6	3068517.2	560758.0	3068508.5
1840	560791.1	3068467.9	560777.2	3068462.3	560797.6	3068470.6	560795.4	3068469.7	560777.4	3068462.4
1841	560807.3	3068420.6	560797.0	3068416.4	560817.1	3068424.5	560816.3	3068424.2	560795.7	3068415.9
1842	560821.5	3068372.4	560816.5	3068370.4	560834.1	3068377.5	560833.3	3068377.2	560813.4	3068369.1
1843	560838.4	3068325.3	560835.9	3068324.3	560848.9	3068329.5	560852.4	3068330.9	560832.9	3068323.1
1844	560853.8	3068277.6	560855.3	3068278.2	560867.0	3068282.9	560865.8	3068282.4	560851.0	3068276.5
1845	560872.4	3068231.2	560873.6	3068231.6	560886.0	3068236.7	560883.6	3068235.7	560866.4	3068228.7
1846	560891.5	3068185.0	560889.4	3068184.1	560904.0	3068190.0	560903.4	3068189.8	560881.0	3068180.7
1847	560909.0	3068138.1	560906.0	3068136.9	560920.3	3068142.7	560921.4	3068143.1	560898.5	3068133.9
1848	560925.2	3068090.7	560926.3	3068091.2	560936.9	3068095.5	560937.8	3068095.8	560916.9	3068087.4

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1849	0.0	0.2	0.1	-0.1	0.6	0.3	-0.1	0.0	-0.4	-0.6
1850	0.0	0.1	0.1	-0.1	0.5	0.3	-0.1	0.2	-0.3	-0.6
1851	0.0	0.1	0.1	-0.1	0.4	0.3	-0.1	0.2	-0.3	-0.6
1852	0.0	0.1	0.1	-0.1	0.2	0.2	-0.1	0.2	-0.3	-0.6
1853	0.1	0.1	0.0	-0.1	0.1	0.0	-0.2	-0.1	-0.3	-0.4
1854	0.1	0.2	0.0	0.0	0.2	-0.1	-0.2	-0.3	-0.3	-0.3
1855	0.1	0.1	0.0	-0.1	0.3	-0.1	-0.1	-0.4	-0.3	-0.2
1856	0.0	0.1	0.0	-0.1	0.1	-0.1	-0.1	-0.3	-0.2	-0.2
1857	-0.1	0.0	-0.1	-0.1	0.2	-0.1	-0.1	-0.3	-0.3	-0.2
1858	-0.1	0.0	-0.1	-0.1	0.3	0.0	-0.2	-0.3	-0.3	-0.3
1859	-0.1	0.0	0.0	-0.1	0.2	0.0	-0.1	-0.2	-0.3	-0.3
1860	-0.1	0.0	0.0	-0.1	0.2	0.0	-0.1	-0.2	-0.2	-0.2
1861	-0.1	0.1	0.0	-0.1	0.5	0.2	0.0	-0.2	-0.2	-0.2
1862	-0.1	0.1	0.0	-0.1	0.7	0.2	0.0	-0.3	-0.3	-0.3
1863	-0.2	0.1	0.0	-0.1	0.8	0.2	0.0	-0.3	-0.3	-0.3
1864	-0.3	0.1	-0.1	-0.1	0.8	0.1	0.0	-0.5	-0.3	-0.1
1865	-0.3	0.0	-0.1	-0.1	0.7	0.1	0.0	-0.5	-0.2	0.0
1866	-0.2	-0.1	-0.2	-0.1	0.3	-0.1	-0.1	-0.5	-0.2	0.0
1867	-0.1	-0.1	-0.2	-0.1	-0.1	-0.3	-0.1	-0.5	-0.2	0.1
1868	0.0	-0.1	-0.2	-0.1	-0.3	-0.4	-0.2	-0.5	-0.1	0.1
1869	-0.2	-0.1	-0.2	-0.1	0.0	-0.2	0.0	-0.4	0.0	0.2
1870	-0.3	-0.2	-0.2	-0.1	0.0	-0.2	0.0	-0.3	0.0	0.2
1871	-0.3	-0.2	-0.3	-0.1	0.0	-0.2	0.0	-0.4	0.0	0.3
1872	-0.3	-0.1	-0.3	-0.1	0.3	-0.3	0.0	-0.8	-0.1	0.3
1873	-0.2	-0.1	-0.3	-0.1	0.3	-0.3	0.0	-0.9	-0.1	0.4
1874	-0.2	-0.1	-0.2	-0.1	0.2	-0.3	-0.1	-0.8	-0.2	0.3
1875	-0.1	0.0	-0.2	-0.1	0.2	-0.2	-0.1	-0.7	-0.2	0.1
1876	-0.1	0.0	-0.1	-0.1	0.3	-0.2	-0.1	-0.5	-0.2	0.1
1877	0.1	0.1	-0.1	0.0	0.0	-0.3	-0.1	-0.6	-0.1	0.2
1878	0.1	0.1	-0.1	0.0	0.3	-0.2	0.0	-0.7	-0.1	0.3
1879	0.1	0.2	0.0	0.1	0.5	-0.2	0.1	-0.8	-0.1	0.3
1880	0.1	0.2	-0.1	0.1	0.5	-0.2	0.1	-0.8	-0.1	0.4
1881	0.1	0.2	-0.1	0.1	0.5	-0.2	0.1	-0.9	-0.1	0.5
1882	0.1	0.2	-0.1	0.1	0.5	-0.3	0.1	-1.0	-0.1	0.5
1883	0.2	0.3	-0.1	0.1	0.4	-0.3	0.0	-1.0	-0.1	0.5
1884	0.2	0.2	0.0	0.1	0.4	-0.3	0.0	-0.9	-0.1	0.5
1885	0.1	0.2	0.0	0.1	0.5	-0.2	0.1	-0.9	0.0	0.5
1886	0.1	0.2	0.0	0.1	0.6	-0.1	0.2	-0.7	0.0	0.5
1887	0.0	0.2	0.0	0.1	0.5	-0.1	0.2	-0.6	0.0	0.5
1888	0.0	0.2	-0.1	0.1	0.7	-0.1	0.1	-0.8	-0.1	0.5
1889	0.0	0.1	-0.1	0.1	0.3	-0.1	0.1	-0.5	0.0	0.4
1890	0.0	0.2	0.0	0.1	0.8	0.0	0.1	-0.7	-0.2	0.2
1891	-0.1	0.2	0.0	0.0	0.9	0.1	0.1	-0.7	-0.2	0.1
1892	0.0	0.3	0.0	0.0	1.1	0.1	0.1	-0.9	-0.3	0.1
1893	0.0	0.3	0.0	0.0	1.0	0.0	0.0	-0.9	-0.3	0.1
1894	0.0	0.2	0.0	0.1	0.8	0.1	0.1	-0.6	-0.2	0.1
1895	-0.1	0.2	0.0	0.1	0.7	0.1	0.1	-0.4	-0.1	0.2
1896	-0.1	0.1	0.0	0.0	0.8	0.1	0.2	-0.5	-0.1	0.2
1897	-0.2	0.1	0.0	0.0	0.9	0.2	0.2	-0.4	-0.1	0.1
1898	-0.2	0.1	0.0	0.0	0.6	0.2	0.1	-0.2	0.0	0.0
1899	-0.1	0.1	0.0	0.0	0.4	0.1	0.1	-0.2	0.0	0.1
1900	0.0	0.1	0.0	0.0	0.4	0.1	0.1	-0.1	0.0	0.0
1901	-0.1	0.1	0.0	0.0	0.5	0.2	0.1	-0.1	0.0	0.1
1902	-0.2	-0.1	0.0	0.0	-0.1	0.2	0.1	0.4	0.2	0.1
1903	-0.2	-0.2	0.0	0.0	-0.1	0.2	0.1	0.5	0.2	0.1
1904	-0.2	-0.2	0.0	0.0	-0.3	0.2	0.2	0.7	0.4	0.1

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1849	560942.6	3068043.8	560942.4	3068043.7	560953.6	3068048.3	560953.2	3068048.1	560935.8	3068041.1
1850	560960.9	3067997.3	560960.1	3067997.0	560969.5	3068000.8	560972.6	3068002.0	560953.6	3067994.4
1851	560976.9	3067949.9	560978.1	3067950.3	560985.0	3067953.1	560988.1	3067954.3	560971.0	3067947.5
1852	560994.9	3067903.2	560996.4	3067903.8	560999.2	3067904.9	561003.3	3067906.6	560986.7	3067899.9
1853	561011.9	3067856.1	561015.5	3067857.6	561017.4	3067858.3	561015.4	3067857.5	561003.5	3067852.7
1854	561024.5	3067807.3	561030.6	3067809.7	561034.8	3067811.4	561028.1	3067808.7	561020.2	3067805.6
1855	561041.8	3067760.4	561044.9	3067761.6	561049.7	3067763.5	561041.7	3067760.3	561035.5	3067757.8
1856	561059.6	3067713.6	561060.3	3067713.9	561062.7	3067714.9	561056.3	3067712.3	561051.7	3067710.4
1857	561079.3	3067667.6	561076.1	3067666.4	561080.3	3067668.1	561074.2	3067665.6	561067.0	3067662.7
1858	561096.4	3067620.6	561093.1	3067619.3	561097.8	3067621.2	561092.0	3067618.9	561082.7	3067615.1
1859	561111.5	3067572.8	561108.2	3067571.5	561111.8	3067572.9	561107.4	3067571.2	561098.9	3067567.7
1860	561123.6	3067523.8	561120.9	3067522.7	561125.3	3067524.4	561121.9	3067523.1	561114.7	3067520.2
1861	561137.1	3067475.3	561131.1	3067472.9	561140.9	3067476.8	561137.1	3067475.3	561129.8	3067472.3
1862	561147.6	3067425.6	561142.2	3067423.4	561154.7	3067428.5	561149.1	3067426.2	561140.9	3067422.9
1863	561160.1	3067376.7	561152.5	3067373.6	561166.7	3067379.4	561160.3	3067376.8	561150.8	3067373.0
1864	561174.3	3067328.5	561162.4	3067323.7	561177.7	3067329.9	561167.7	3067325.9	561164.5	3067324.6
1865	561187.2	3067279.8	561174.1	3067274.5	561187.2	3067279.8	561177.2	3067275.8	561176.1	3067275.3
1866	561198.9	3067230.6	561190.6	3067227.3	561195.5	3067229.3	561185.7	3067225.3	561185.6	3067225.3
1867	561209.6	3067181.0	561205.8	3067179.5	561203.9	3067178.7	561194.2	3067174.8	561196.0	3067175.5
1868	561218.1	3067130.5	561218.7	3067130.8	561213.6	3067128.7	561203.7	3067124.7	561207.9	3067126.4
1869	561230.5	3067081.6	561222.4	3067078.3	561222.5	3067078.4	561214.8	3067075.3	561220.7	3067077.6
1870	561244.0	3067033.1	561232.1	3067028.3	561231.7	3067028.2	561225.9	3067025.8	561232.4	3067028.4
1871	561255.7	3066983.9	561242.9	3066978.8	561243.3	3066979.0	561234.3	3066975.3	561241.9	3066978.4
1872	561266.1	3066934.2	561254.1	3066929.4	561259.6	3066931.6	561244.3	3066925.4	561252.1	3066928.6
1873	561277.5	3066884.9	561266.7	3066880.5	561272.6	3066882.9	561254.0	3066875.4	561265.2	3066879.9
1874	561289.6	3066835.9	561282.5	3066833.0	561285.9	3066834.3	561270.5	3066828.1	561278.1	3066831.2
1875	561300.8	3066786.5	561296.0	3066784.5	561300.6	3066786.4	561287.0	3066780.9	561290.8	3066782.4
1876	561312.0	3066737.1	561309.2	3066735.9	561314.4	3066738.0	561303.3	3066733.6	561305.4	3066734.4
1877	561324.5	3066688.2	561327.8	3066689.5	561328.3	3066689.7	561316.5	3066684.9	561321.7	3066687.1
1878	561337.0	3066639.3	561339.7	3066640.4	561344.8	3066642.4	561330.6	3066636.7	561338.6	3066640.0
1879	561348.9	3066590.2	561351.5	3066591.2	561361.1	3066595.1	561345.4	3066588.8	561354.9	3066592.6
1880	561363.9	3066542.3	561366.2	3066543.3	561376.1	3066547.2	561358.9	3066540.3	561371.7	3066545.5
1881	561379.0	3066494.5	561382.2	3066495.8	561391.7	3066499.6	561372.6	3066491.9	561386.7	3066497.6
1882	561393.7	3066446.5	561397.8	3066448.2	561406.8	3066451.8	561386.9	3066443.8	561401.3	3066449.6
1883	561405.9	3066397.5	561413.4	3066400.5	561421.7	3066403.9	561400.5	3066395.3	561416.1	3066401.6
1884	561421.0	3066349.7	561429.0	3066352.9	561435.7	3066355.6	561417.7	3066348.3	561431.5	3066353.9
1885	561435.6	3066301.7	561440.3	3066303.6	561449.4	3066307.2	561432.0	3066300.2	561447.9	3066306.6
1886	561449.1	3066253.2	561452.1	3066254.4	561463.7	3066259.1	561449.4	3066253.3	561464.1	3066259.2
1887	561465.9	3066206.1	561466.6	3066206.3	561476.3	3066210.2	561464.0	3066205.3	561478.4	3066211.1
1888	561481.9	3066158.6	561481.5	3066158.4	561493.6	3066163.3	561476.8	3066156.5	561491.1	3066162.3
1889	561494.5	3066109.7	561493.5	3066109.3	561499.9	3066111.9	561490.4	3066108.1	561501.0	3066112.4
1890	561503.6	3066059.5	561502.4	3066059.0	561517.3	3066065.0	561503.5	3066059.4	561509.2	3066061.8
1891	561515.8	3066010.5	561513.4	3066009.5	561530.9	3066016.6	561515.9	3066010.5	561518.6	3066011.6
1892	561524.9	3065960.2	561524.6	3065960.1	561544.6	3065968.2	561527.0	3065961.1	561528.7	3065961.8
1893	561538.5	3065911.8	561538.5	3065911.8	561556.3	3065919.0	561538.4	3065911.8	561541.8	3065913.1
1894	561551.3	3065863.1	561550.5	3065862.7	561566.1	3065869.0	561553.4	3065863.9	561557.8	3065865.7
1895	561566.0	3065815.1	561563.3	3065814.0	561576.2	3065819.2	561568.4	3065816.0	561573.5	3065818.1
1896	561582.8	3065767.9	561577.2	3065765.7	561591.2	3065771.3	561581.3	3065767.3	561588.2	3065770.1
1897	561595.3	3065719.1	561586.3	3065715.4	561603.4	3065722.3	561595.4	3065719.1	561599.8	3065720.9
1898	561608.6	3065670.5	561601.8	3065667.8	561613.9	3065672.6	561610.5	3065671.3	561611.9	3065671.8
1899	561622.0	3065622.0	561617.9	3065620.3	561626.2	3065623.7	561622.2	3065622.1	561626.0	3065623.6
1900	561635.0	3065573.3	561632.9	3065572.5	561641.1	3065575.8	561638.6	3065574.8	561639.6	3065575.2
1901	561649.3	3065525.2	561644.5	3065523.2	561654.4	3065527.2	561651.4	3065526.0	561654.5	3065527.3
1902	561668.6	3065479.0	561661.1	3065476.0	561660.1	3065475.6	561668.3	3065478.9	561670.8	3065479.9
1903	561688.2	3065433.0	561679.8	3065429.6	561677.1	3065428.5	561686.2	3065432.2	561688.2	3065433.0
1904	561705.0	3065385.9	561696.0	3065382.3	561689.6	3065379.7	561704.7	3065385.8	561707.3	3065386.8

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1905	-0.3	-0.2	0.0	0.1	0.0	0.4	0.3	0.7	0.4	0.2
1906	-0.3	-0.2	0.0	0.1	0.1	0.3	0.3	0.5	0.3	0.2
1907	-0.3	-0.1	0.0	0.1	0.4	0.2	0.3	0.1	0.3	0.4
1908	-0.3	-0.1	0.0	0.1	0.5	0.3	0.3	0.1	0.2	0.3
1909	-0.3	-0.1	0.0	0.1	0.4	0.2	0.3	0.1	0.2	0.3
1910	-0.2	0.0	0.0	0.1	0.4	0.2	0.2	-0.1	0.2	0.3
1911	-0.3	-0.1	-0.1	0.1	0.5	0.2	0.3	0.0	0.3	0.5
1912	-0.3	0.0	0.0	0.1	0.6	0.3	0.3	0.0	0.2	0.3
1913	-0.2	0.0	0.0	0.0	0.4	0.2	0.2	0.1	0.1	0.1
1914	-0.2	0.0	0.0	0.0	0.4	0.2	0.2	0.1	0.1	0.2
1915	0.0	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.2
1916	0.0	0.2	0.1	0.1	0.6	0.2	0.2	-0.2	0.1	0.3
1917	-0.1	0.2	0.0	0.1	1.0	0.2	0.2	-0.5	-0.1	0.2
1918	0.0	0.2	0.1	0.1	0.9	0.2	0.3	-0.4	0.0	0.3
1919	0.2	0.2	0.1	0.2	0.3	0.0	0.2	-0.3	0.1	0.3
1920	0.3	0.2	0.2	0.2	0.0	0.0	0.2	0.0	0.2	0.3
1921	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
1922	-0.1	0.1	0.1	0.1	0.5	0.2	0.3	0.0	0.2	0.4
1923	-0.1	0.0	0.0	0.1	0.2	0.1	0.2	0.1	0.2	0.4
1924	-0.1	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2
1925	-0.2	0.0	0.1	0.1	0.7	0.4	0.3	0.1	0.1	0.2
1926	-0.2	0.0	0.1	0.1	0.6	0.4	0.3	0.2	0.1	0.1
1927	-0.2	0.0	0.1	0.1	0.5	0.4	0.3	0.2	0.2	0.1
1928	-0.2	0.0	0.1	0.1	0.5	0.3	0.2	0.2	0.1	0.1
1929	-0.2	0.0	0.1	0.1	0.2	0.3	0.2	0.4	0.2	0.0
1930	-0.3	-0.1	0.0	0.1	0.4	0.4	0.3	0.4	0.2	0.1
1931	-0.3	-0.1	0.0	0.1	0.4	0.4	0.3	0.5	0.3	0.2
1932	-0.4	-0.1	0.0	0.1	0.5	0.5	0.4	0.4	0.3	0.3
1933	-0.4	-0.1	0.0	0.1	0.7	0.4	0.4	0.2	0.2	0.3
1934	-0.4	-0.1	0.0	0.1	0.6	0.3	0.4	0.1	0.2	0.4
1935	-0.3	-0.1	0.0	0.1	0.4	0.2	0.3	0.1	0.2	0.3
1936	-0.3	-0.1	0.0	0.0	0.4	0.3	0.2	0.1	0.2	0.2
1937	-0.3	-0.1	-0.1	0.0	0.5	0.3	0.3	0.1	0.2	0.2
1938	-0.4	-0.1	-0.1	0.0	0.5	0.3	0.3	0.2	0.2	0.2
1939	-0.4	-0.1	0.0	0.0	0.4	0.3	0.3	0.2	0.2	0.2
1940	-0.3	-0.1	0.0	0.1	0.5	0.3	0.3	0.1	0.2	0.3
1941	-0.3	0.0	0.0	0.1	0.7	0.3	0.3	-0.1	0.1	0.3
1942	-0.3	-0.1	0.0	0.0	0.4	0.2	0.3	0.1	0.2	0.3
1943	-0.2	-0.1	0.0	0.1	0.2	0.2	0.2	0.1	0.2	0.2
1944	-0.1	-0.1	0.0	0.1	0.1	0.1	0.2	0.1	0.2	0.3
1945	-0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.0	0.2	0.3
1946	-0.2	-0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2
1947	-0.3	-0.2	-0.1	0.0	0.0	0.1	0.2	0.2	0.3	0.3
1948	-0.2	-0.2	-0.1	0.0	-0.2	0.0	0.2	0.2	0.3	0.3
1949	-0.2	-0.2	-0.1	0.0	-0.3	-0.1	0.1	0.1	0.3	0.4
1950	-0.2	-0.2	-0.1	0.0	-0.3	-0.1	0.1	0.1	0.2	0.3
1951	-0.2	-0.2	-0.1	0.0	-0.1	-0.1	0.1	-0.1	0.1	0.3
1952	-0.2	-0.2	-0.1	0.0	-0.3	0.0	0.0	0.2	0.2	0.1
1953	-0.2	-0.2	-0.1	0.0	-0.3	-0.1	0.0	0.2	0.2	0.1
1954	-0.2	-0.3	-0.1	-0.1	-0.5	-0.1	0.0	0.4	0.2	0.1
1955	-0.2	-0.3	-0.1	0.0	-0.4	-0.1	0.0	0.3	0.2	0.2
1956	-0.2	-0.2	-0.1	0.0	-0.4	0.0	0.1	0.3	0.3	0.2
1957	-0.1	-0.2	0.0	0.0	-0.3	0.0	0.1	0.3	0.2	0.2
1958	-0.1	-0.2	-0.1	0.0	-0.5	0.0	0.1	0.5	0.3	0.2
1959	0.0	-0.2	0.0	0.0	-0.5	0.0	0.1	0.4	0.3	0.2
1960	0.1	-0.2	0.0	0.1	-0.9	-0.2	0.0	0.5	0.4	0.3

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1905	561721.9	3065338.8	561708.8	3065333.5	561708.6	3065333.4	561722.9	3065339.2	561727.7	3065341.1
1906	561740.2	3065292.3	561728.2	3065287.4	561730.6	3065288.4	561740.8	3065292.5	561748.1	3065295.4
1907	561760.6	3065246.6	561747.6	3065241.3	561754.4	3065244.1	561756.7	3065245.0	561767.8	3065249.5
1908	561777.8	3065199.6	561763.2	3065193.7	561773.0	3065197.7	561775.1	3065198.5	561785.0	3065202.5
1909	561791.9	3065151.4	561780.8	3065146.9	561788.2	3065149.9	561789.5	3065150.4	561798.8	3065154.2
1910	561807.9	3065103.9	561799.9	3065100.7	561807.2	3065103.6	561806.2	3065103.2	561816.5	3065107.4
1911	561824.8	3065056.8	561812.2	3065051.7	561820.8	3065055.2	561820.2	3065054.9	561834.4	3065060.7
1912	561838.1	3065008.2	561826.2	3065003.4	561836.8	3065007.7	561836.6	3065007.6	561846.5	3065011.7
1913	561850.2	3064959.2	561843.2	3064956.4	561849.7	3064959.0	561852.7	3064960.2	561855.7	3064961.4
1914	561865.2	3064911.3	561858.4	3064908.6	561864.8	3064911.2	561866.0	3064911.7	561870.5	3064913.5
1915	561872.7	3064860.4	561871.3	3064859.9	561875.9	3064861.7	561880.6	3064863.6	561886.4	3064866.0
1916	561886.8	3064812.2	561885.1	3064811.5	561896.6	3064816.2	561892.9	3064814.7	561900.6	3064817.8
1917	561902.9	3064764.8	561897.9	3064762.8	561916.2	3064770.2	561906.1	3064766.1	561913.3	3064769.0
1918	561912.6	3064714.8	561910.7	3064714.0	561926.9	3064720.6	561919.1	3064717.4	561928.3	3064721.1
1919	561924.3	3064665.6	561931.5	3064668.5	561937.4	3064670.9	561931.7	3064668.6	561942.1	3064672.8
1920	561930.8	3064614.3	561944.1	3064619.7	561944.9	3064620.0	561945.2	3064620.1	561955.0	3064624.1
1921	561945.8	3064566.4	561953.3	3064569.5	561956.1	3064570.6	561959.4	3064571.9	561968.6	3064575.6
1922	561965.7	3064520.6	561961.5	3064518.9	561971.0	3064522.7	561971.2	3064522.8	561982.2	3064527.2
1923	561979.8	3064472.3	561976.8	3064471.1	561981.2	3064472.9	561982.6	3064473.4	561993.4	3064477.8
1924	561994.0	3064424.1	561990.7	3064422.8	561993.8	3064424.0	561999.0	3064426.1	562005.7	3064428.8
1925	562010.6	3064376.9	562001.1	3064373.1	562013.5	3064378.1	562015.5	3064378.9	562020.7	3064381.0
1926	562026.3	3064329.3	562017.6	3064325.8	562028.3	3064330.1	562032.1	3064331.7	562035.7	3064333.1
1927	562041.7	3064281.6	562032.5	3064277.9	562042.6	3064282.0	562047.4	3064283.9	562050.7	3064285.2
1928	562057.3	3064234.0	562050.7	3064231.3	562059.3	3064234.8	562062.9	3064236.2	562064.5	3064236.9
1929	562073.5	3064186.6	562066.1	3064183.6	562070.6	3064185.4	562079.4	3064189.0	562080.4	3064189.4
1930	562090.6	3064139.6	562077.9	3064134.5	562085.6	3064137.6	562094.0	3064141.0	562098.0	3064142.6
1931	562107.6	3064092.5	562092.5	3064086.4	562100.2	3064089.5	562109.4	3064093.3	562115.8	3064095.8
1932	562124.7	3064045.5	562106.5	3064038.1	562116.1	3064042.0	562124.3	3064045.4	562132.5	3064048.7
1933	562139.9	3063997.7	562121.3	3063990.2	562134.9	3063995.7	562138.7	3063997.2	562147.2	3064000.7
1934	562154.4	3063949.7	562137.6	3063942.8	562149.6	3063947.7	562150.8	3063948.2	562161.7	3063952.6
1935	562168.9	3063901.6	562156.2	3063896.5	562163.4	3063899.4	562165.8	3063900.3	562175.3	3063904.2
1936	562184.8	3063854.1	562171.9	3063848.9	562179.8	3063852.0	562182.1	3063853.0	562188.5	3063855.6
1937	562201.2	3063806.8	562186.1	3063800.7	562195.5	3063804.5	562197.0	3063805.1	562203.5	3063807.7
1938	562217.6	3063759.5	562200.6	3063752.6	562209.9	3063756.4	562213.1	3063757.7	562220.3	3063760.6
1939	562231.6	3063711.2	562216.2	3063705.0	562224.4	3063708.3	562228.2	3063709.8	562235.4	3063712.8
1940	562246.1	3063663.1	562231.9	3063657.4	562240.7	3063661.0	562243.4	3063662.1	562251.8	3063665.5
1941	562263.0	3063616.1	562248.0	3063610.0	562261.5	3063615.4	562259.4	3063614.6	562268.7	3063618.4
1942	562280.0	3063569.0	562268.0	3063564.2	562275.6	3063567.2	562277.1	3063567.8	562285.2	3063571.1
1943	562296.9	3063521.9	562289.2	3063518.8	562293.3	3063520.4	562295.8	3063521.5	562302.6	3063524.2
1944	562314.8	3063475.2	562309.4	3063473.0	562311.5	3063473.9	562312.6	3063474.3	562321.2	3063477.8
1945	562333.7	3063428.9	562328.4	3063426.8	562331.0	3063427.8	562332.0	3063428.2	562339.8	3063431.4
1946	562352.7	3063382.7	562344.8	3063379.5	562344.8	3063379.5	562349.7	3063381.4	562356.2	3063384.1
1947	562369.9	3063335.7	562358.3	3063331.0	562358.4	3063331.0	562362.5	3063332.7	562372.5	3063336.7
1948	562385.8	3063288.2	562375.1	3063283.9	562372.3	3063282.7	562376.9	3063284.6	562387.2	3063288.8
1949	562401.2	3063240.5	562392.6	3063237.0	562387.7	3063235.0	562389.6	3063235.8	562400.9	3063240.3
1950	562416.0	3063192.5	562407.6	3063189.1	562402.6	3063187.1	562404.1	3063187.7	562413.8	3063191.6
1951	562430.8	3063144.6	562422.0	3063141.0	562420.6	3063140.5	562418.9	3063139.8	562427.1	3063143.1
1952	562447.6	3063097.5	562439.3	3063094.1	562433.8	3063091.9	562437.9	3063093.5	562442.3	3063095.3
1953	562464.6	3063050.4	562457.3	3063047.4	562451.1	3063044.9	562455.0	3063046.5	562459.3	3063048.2
1954	562481.6	3063003.3	562474.2	3063000.3	562464.3	3062996.3	562471.6	3062999.3	562475.6	3063000.9
1955	562496.7	3062955.5	562489.4	3062952.5	562481.2	3062949.2	562486.3	3062951.3	562491.7	3062953.5
1956	562511.0	3062907.3	562504.1	3062904.5	562496.8	3062901.6	562502.9	3062904.1	562509.7	3062906.8
1957	562525.6	3062859.3	562520.3	3062857.2	562515.1	3062855.1	562522.1	3062857.9	562526.9	3062859.8
1958	562540.8	3062811.5	562536.6	3062809.8	562526.8	3062805.9	562536.4	3062809.7	562541.8	3062811.9
1959	562556.0	3062763.7	562554.5	3062763.1	562545.3	3062759.4	562553.4	3062762.7	562558.1	3062764.6
1960	562571.2	3062715.9	562577.2	3062718.4	562560.1	3062711.5	562570.0	3062715.5	562577.7	3062718.6

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
1961	0.3	-0.1	0.0	0.1	-1.1	-0.2	0.0	0.6	0.4	0.3
1962	0.2	-0.1	0.1	0.2	-0.9	-0.1	0.1	0.6	0.5	0.4
1963	0.3	-0.1	0.1	0.2	-0.8	-0.1	0.1	0.5	0.5	0.5
1964	0.3	0.0	0.1	0.2	-0.6	-0.2	0.1	0.2	0.4	0.5
1965	0.3	0.0	0.1	0.2	-0.7	-0.2	0.1	0.2	0.4	0.5
1966	0.2	-0.1	0.0	0.2	-0.8	-0.2	0.1	0.3	0.4	0.5
1967	0.3	-0.1	0.1	0.2	-0.8	-0.1	0.1	0.5	0.5	0.4
1968	0.3	0.0	0.1	0.2	-0.6	-0.1	0.2	0.3	0.4	0.5
1969	0.1	0.0	0.1	0.2	-0.2	0.0	0.2	0.2	0.4	0.4
1970	0.1	0.1	0.1	0.2	0.0	0.1	0.2	0.2	0.3	0.4
1971	0.1	0.0	0.1	0.1	-0.1	0.2	0.2	0.4	0.3	0.2
1972	0.1	0.0	0.1	0.1	-0.3	0.1	0.2	0.5	0.4	0.3
1973	0.1	0.0	0.1	0.1	-0.2	0.0	0.1	0.3	0.3	0.3
1974	0.1	0.0	0.1	0.1	-0.3	0.0	0.1	0.3	0.3	0.2
1975	0.1	0.0	0.0	0.1	-0.2	0.0	0.1	0.1	0.2	0.3
1976	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.3
1977	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.3
1978	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3
1979	0.0	0.0	0.1	0.1	0.2	0.3	0.2	0.3	0.2	0.2
1980	0.1	0.0	0.1	0.1	-0.1	0.1	0.2	0.3	0.2	0.2
1981	0.2	0.0	0.1	0.1	-0.5	-0.1	0.1	0.3	0.3	0.3
1982	0.3	0.0	0.1	0.1	-0.6	-0.1	0.1	0.3	0.3	0.3
1983	0.2	0.1	0.1	0.1	-0.3	-0.1	0.1	0.1	0.2	0.3
1984	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.3
1985	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.2	0.3
1986	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.3
1987	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3
1988	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
1989	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
1990	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.2
1991	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1
1992	0.1	0.1	0.1	0.1	-0.1	0.1	0.0	0.3	0.1	-0.1
1993	0.2	0.1	0.1	0.1	0.0	0.1	0.0	0.2	0.0	-0.2
1994	0.2	0.2	0.1	0.0	0.2	0.0	-0.1	-0.1	-0.2	-0.2
1995	0.2	0.1	0.1	0.0	-0.1	0.0	-0.1	0.0	-0.1	-0.1
1996	0.2	0.1	0.1	0.0	-0.1	-0.1	-0.1	0.0	-0.1	-0.1
1997	0.2	0.1	0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
1998	0.2	0.1	0.0	0.0	-0.2	-0.2	-0.1	-0.3	-0.1	0.0
1999	0.2	0.0	0.0	0.0	-0.5	-0.3	-0.1	0.0	0.0	0.0
2000	0.1	0.0	0.0	0.0	-0.3	-0.1	-0.1	0.0	0.0	-0.1
2001	0.1	0.0	0.0	0.0	-0.2	-0.1	-0.1	0.0	0.0	-0.1
2002	0.2	0.0	0.0	0.0	-0.3	-0.2	-0.1	0.0	0.0	0.0
2003	0.2	0.0	0.1	0.0	-0.3	-0.1	-0.1	0.1	0.0	-0.1
2004	0.2	0.0	0.1	0.0	-0.4	-0.1	-0.1	0.2	0.1	0.0
2005	0.2	0.0	0.1	0.1	-0.4	-0.1	0.0	0.3	0.2	0.1
2006	0.2	0.1	0.1	0.1	-0.2	0.0	0.1	0.2	0.2	0.2
2007	0.2	0.1	0.2	0.2	-0.2	0.1	0.2	0.3	0.3	0.2
2008	0.3	0.1	0.2	0.2	-0.4	0.1	0.1	0.4	0.3	0.1
2009	0.5	0.1	0.2	0.2	-0.7	-0.1	0.0	0.4	0.3	0.2
2010	0.6	0.2	0.2	0.2	-0.9	-0.2	-0.1	0.4	0.2	0.1
2011	0.6	0.2	0.3	0.2	-0.7	-0.1	-0.1	0.4	0.2	0.0
2012	0.4	0.2	0.2	0.1	-0.3	0.1	0.0	0.4	0.1	-0.1
2013	0.2	0.1	0.2	0.1	-0.2	0.2	0.0	0.5	0.1	-0.2
2014	0.2	0.1	0.2	0.1	-0.2	0.1	0.0	0.5	0.1	-0.2
2015	0.2	0.1	0.2	0.1	-0.4	0.1	0.0	0.4	0.1	-0.2
2016	0.3	0.1	0.2	0.1	-0.3	0.1	-0.1	0.5	0.0	-0.3

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
1961	562585.6	3062667.9	562597.0	3062672.4	562577.1	3062664.4	562588.7	3062669.1	562597.5	3062672.7
1962	562599.1	3062619.4	562608.6	3062623.2	562592.1	3062616.5	562604.6	3062621.6	562616.9	3062626.6
1963	562614.1	3062571.5	562625.2	3062576.0	562610.6	3062570.1	562620.2	3062574.0	562634.8	3062579.9
1964	562630.5	3062524.2	562642.2	3062528.9	562631.3	3062524.5	562636.3	3062526.5	562650.6	3062532.3
1965	562644.2	3062475.8	562657.7	3062481.3	562644.5	3062475.9	562648.5	3062477.5	562663.8	3062483.7
1966	562656.5	3062426.8	562667.1	3062431.1	562653.1	3062425.5	562659.7	3062428.2	562675.5	3062434.5
1967	562666.8	3062377.1	562678.3	3062381.8	562663.3	3062375.7	562673.3	3062379.7	562686.6	3062385.1
1968	562677.4	3062327.5	562688.5	3062331.9	562678.0	3062327.7	562684.4	3062330.3	562699.0	3062336.2
1969	562690.2	3062278.7	562695.9	3062281.0	562692.7	3062279.7	562697.6	3062281.7	562710.4	3062286.9
1970	562702.7	3062229.8	562706.0	3062231.2	562706.4	3062231.3	562709.5	3062232.6	562721.1	3062237.3
1971	562715.3	3062181.0	562718.0	3062182.1	562716.0	3062181.3	562724.6	3062184.7	562731.5	3062187.5
1972	562728.6	3062132.4	562731.5	3062133.6	562725.8	3062131.3	562735.7	3062135.3	562743.6	3062138.5
1973	562741.9	3062083.9	562746.3	3062085.6	562742.0	3062083.9	562747.1	3062086.0	562755.2	3062089.3
1974	562754.8	3062035.2	562759.2	3062036.9	562753.7	3062034.7	562759.7	3062037.2	562766.8	3062040.0
1975	562766.5	3061986.0	562770.9	3061987.7	562767.3	3061986.3	562770.2	3061987.5	562778.4	3061990.8
1976	562778.2	3061936.8	562781.9	3061938.3	562781.4	3061938.1	562780.9	3061937.9	562789.5	3061941.3
1977	562789.3	3061887.3	562791.8	3061888.3	562791.9	3061888.4	562794.3	3061889.4	562801.8	3061892.4
1978	562800.1	3061837.7	562801.7	3061838.4	562804.3	3061839.5	562806.4	3061840.3	562814.8	3061843.7
1979	562813.7	3061789.3	562813.0	3061789.1	562816.3	3061790.4	562822.9	3061793.0	562827.8	3061795.0
1980	562828.2	3061741.3	562832.4	3061742.9	562831.2	3061742.5	562837.2	3061744.9	562842.7	3061747.1
1981	562843.1	3061693.3	562853.2	3061697.4	562844.0	3061693.7	562850.0	3061696.1	562858.4	3061699.5
1982	562858.8	3061645.8	562870.3	3061650.4	562860.0	3061646.2	562865.9	3061648.6	562873.8	3061651.8
1983	562873.9	3061598.0	562883.7	3061601.9	562879.0	3061600.0	562880.7	3061600.7	562888.6	3061603.9
1984	562888.0	3061549.7	562893.4	3061551.9	562895.3	3061552.7	562894.6	3061552.4	562902.6	3061555.6
1985	562901.6	3061501.3	562906.4	3061503.2	562907.2	3061503.6	562906.8	3061503.4	562915.9	3061507.1
1986	562914.7	3061452.7	562918.6	3061454.2	562918.4	3061454.2	562920.4	3061454.9	562928.7	3061458.3
1987	562927.2	3061403.8	562930.7	3061405.2	562931.7	3061405.6	562932.9	3061406.1	562940.6	3061409.2
1988	562938.9	3061354.6	562940.4	3061355.2	562941.9	3061355.8	562945.6	3061357.3	562953.0	3061360.3
1989	562950.8	3061305.5	562951.7	3061305.8	562952.7	3061306.2	562957.0	3061308.0	562962.6	3061310.2
1990	562963.2	3061256.5	562965.2	3061257.3	562965.4	3061257.4	562968.6	3061258.7	562973.2	3061260.6
1991	562975.4	3061207.5	562979.4	3061209.1	562980.6	3061209.6	562980.7	3061209.7	562983.1	3061210.6
1992	562986.7	3061158.2	562992.8	3061160.6	562991.0	3061159.9	562996.5	3061162.1	562994.3	3061161.2
1993	562998.0	3061108.8	563005.7	3061111.9	563005.6	3061111.9	563009.7	3061113.5	563004.9	3061111.6
1994	563011.2	3061060.2	563019.6	3061063.6	563022.7	3061064.9	563019.7	3061063.7	563014.7	3061061.6
1995	563025.2	3061011.9	563033.2	3061015.2	563032.3	3061014.8	563031.6	3061014.5	563027.2	3061012.8
1996	563039.1	3060963.7	563047.6	3060967.1	563046.2	3060966.5	563045.2	3060966.1	563041.8	3060964.7
1997	563053.4	3060915.5	563061.9	3060918.9	563061.4	3060918.7	563059.0	3060917.8	563056.0	3060916.5
1998	563067.6	3060867.3	563078.4	3060871.7	563075.0	3060870.3	563069.5	3060868.1	563068.7	3060867.7
1999	563083.5	3060819.8	563094.0	3060824.0	563084.3	3060820.1	563084.0	3060820.0	563083.7	3060819.9
2000	563099.6	3060772.4	563105.8	3060774.9	563101.0	3060772.9	563100.8	3060772.9	563099.0	3060772.1
2001	563115.7	3060725.0	563120.9	3060727.0	563116.9	3060725.5	563117.3	3060725.6	563115.7	3060725.0
2002	563131.7	3060677.5	563138.4	3060680.2	563133.0	3060678.0	563132.4	3060677.8	563132.9	3060678.0
2003	563148.3	3060630.3	563156.6	3060633.6	563151.1	3060631.4	563154.0	3060632.6	563150.1	3060631.0
2004	563166.1	3060583.5	563175.9	3060587.5	563167.7	3060584.2	563171.7	3060585.8	563171.1	3060585.6
2005	563182.9	3060536.4	563192.2	3060540.1	563184.4	3060537.0	563189.6	3060539.1	563193.4	3060540.6
2006	563196.3	3060487.9	563203.8	3060490.9	563200.8	3060489.7	563205.2	3060491.5	563212.4	3060494.4
2007	563209.7	3060439.4	563218.5	3060442.9	563215.5	3060441.7	563222.2	3060444.4	563228.8	3060447.1
2008	563220.3	3060389.7	563235.2	3060395.7	563228.5	3060393.0	563237.6	3060396.7	563241.9	3060398.4
2009	563231.0	3060340.1	563252.1	3060348.6	563239.8	3060343.7	563248.8	3060347.3	563253.7	3060349.3
2010	563240.9	3060290.2	563267.7	3060301.0	563251.9	3060294.6	563260.6	3060298.2	563263.9	3060299.5
2011	563250.5	3060240.1	563276.7	3060250.8	563263.3	3060245.3	563272.1	3060248.9	563272.4	3060249.0
2012	563261.7	3060190.7	563278.6	3060197.6	563273.2	3060195.4	563281.5	3060198.7	563277.5	3060197.1
2013	563273.0	3060141.4	563283.5	3060145.6	563280.1	3060144.2	563290.6	3060148.5	563285.3	3060146.4
2014	563284.5	3060092.1	563294.7	3060096.2	563290.5	3060094.5	563299.6	3060098.2	563293.9	3060095.9
2015	563296.3	3060042.9	563306.9	3060047.2	563300.4	3060044.6	563309.4	3060048.3	563303.6	3060045.9
2016	563306.4	3059993.1	563318.4	3059998.0	563312.1	3059995.4	563321.3	3059999.1	563313.7	3059996.0

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2017	0.3	0.1	0.2	0.1	-0.4	0.0	-0.1	0.4	0.0	-0.2
2018	0.3	0.1	0.2	0.1	-0.3	0.1	-0.1	0.4	0.0	-0.2
2019	0.4	0.2	0.2	0.1	-0.3	0.0	-0.1	0.2	-0.1	-0.3
2020	0.5	0.3	0.3	0.1	-0.3	0.0	-0.1	0.3	-0.1	-0.3
2021	0.4	0.2	0.3	0.1	-0.2	0.1	-0.1	0.4	0.0	-0.3
2022	0.3	0.2	0.3	0.1	-0.1	0.1	0.0	0.4	0.0	-0.2
2023	0.3	0.1	0.2	0.1	-0.3	0.1	0.0	0.5	0.1	-0.2
2024	0.2	0.1	0.2	0.0	-0.3	0.1	-0.1	0.4	0.0	-0.2
2025	0.2	0.1	0.2	0.1	0.0	0.2	0.0	0.4	0.0	-0.3
2026	0.2	0.2	0.3	0.1	0.4	0.3	0.0	0.3	-0.2	-0.5
2027	0.3	0.3	0.3	0.1	0.4	0.4	0.0	0.3	-0.2	-0.5
2028	0.3	0.3	0.3	0.1	0.2	0.3	0.0	0.4	-0.1	-0.4
2029	0.3	0.2	0.2	0.1	0.1	0.2	-0.1	0.3	-0.1	-0.4
2030	0.3	0.2	0.2	0.1	0.0	0.1	-0.1	0.2	-0.1	-0.4
2031	0.3	0.2	0.2	0.1	0.0	0.1	-0.1	0.2	-0.1	-0.3
2032	0.4	0.3	0.2	0.1	0.2	0.1	-0.1	0.0	-0.2	-0.4
2033	0.4	0.3	0.2	0.1	0.2	0.0	-0.1	-0.2	-0.3	-0.3
2034	0.1	0.3	0.1	0.0	0.7	0.1	0.0	-0.4	-0.3	-0.3
2035	0.1	0.3	0.2	0.0	0.8	0.3	0.0	-0.2	-0.3	-0.3
2036	0.1	0.3	0.2	0.1	0.7	0.3	0.0	0.0	-0.2	-0.4
2037	0.2	0.3	0.2	0.0	0.5	0.3	0.0	0.1	-0.2	-0.4
2038	0.1	0.2	0.2	0.0	0.5	0.3	0.0	0.0	-0.2	-0.4
2039	0.1	0.2	0.2	0.0	0.5	0.3	0.0	0.1	-0.2	-0.5
2040	0.1	0.2	0.2	0.0	0.4	0.2	-0.1	0.1	-0.2	-0.5
2041	0.2	0.2	0.1	0.0	0.1	0.0	-0.2	-0.1	-0.3	-0.4
2042	0.0	0.2	0.1	0.0	0.4	0.2	0.0	0.0	-0.2	-0.3
2043	0.0	0.2	0.1	0.0	0.4	0.2	-0.1	0.0	-0.2	-0.4
2044	0.1	0.1	0.1	0.0	0.3	0.1	-0.1	0.0	-0.2	-0.3
2045	0.1	0.1	0.1	0.0	0.2	0.1	-0.1	0.0	-0.2	-0.3
2046	0.1	0.2	0.1	0.0	0.5	0.2	0.0	-0.1	-0.2	-0.3
2047	0.0	0.2	0.1	0.0	0.6	0.3	0.0	0.0	-0.2	-0.4
2048	0.0	0.1	0.1	0.0	0.5	0.3	0.0	0.1	-0.2	-0.4
2049	0.1	0.1	0.1	0.0	0.3	0.2	-0.1	0.1	-0.2	-0.4
2050	0.1	0.1	0.1	0.0	0.2	0.1	-0.1	0.0	-0.2	-0.3
2051	0.1	0.1	0.1	0.0	0.1	0.1	-0.1	0.1	-0.2	-0.4
2052	0.1	0.1	0.1	0.0	0.1	0.1	-0.1	0.0	-0.2	-0.3
2053	0.1	0.2	0.1	0.0	0.3	0.1	-0.1	-0.1	-0.3	-0.4
2054	0.1	0.1	0.1	-0.1	0.2	0.1	-0.1	-0.1	-0.3	-0.4
2055	0.1	0.1	0.1	-0.1	0.0	0.0	-0.2	0.1	-0.2	-0.4
2056	0.2	0.1	0.1	0.0	-0.1	0.0	-0.2	0.0	-0.2	-0.3
2057	0.2	0.2	0.1	0.0	0.2	0.0	-0.1	-0.2	-0.3	-0.3
2058	0.3	0.3	0.1	0.0	0.4	-0.1	-0.1	-0.4	-0.3	-0.2
2059	0.3	0.3	0.1	0.0	0.3	-0.1	-0.2	-0.5	-0.3	-0.2
2060	0.3	0.2	0.1	0.0	0.1	-0.1	-0.2	-0.4	-0.3	-0.2
2061	0.1	0.2	0.1	0.0	0.3	0.0	-0.1	-0.4	-0.2	-0.1
2062	0.1	0.2	0.1	0.1	0.4	0.1	0.0	-0.1	-0.1	-0.1
2063	0.1	0.2	0.1	0.1	0.3	0.1	0.1	-0.1	0.0	0.1
2064	0.2	0.3	0.2	0.2	0.4	0.2	0.1	0.1	0.0	0.0
2065	0.3	0.3	0.3	0.2	0.3	0.4	0.1	0.4	0.1	-0.1
2066	0.3	0.5	0.4	0.2	0.7	0.5	0.2	0.2	0.0	-0.2
2067	0.3	0.6	0.4	0.3	1.2	0.5	0.3	-0.1	-0.1	-0.1
2068	0.1	0.6	0.4	0.3	1.9	0.8	0.5	-0.2	-0.1	0.0
2069	0.0	0.8	0.6	0.4	2.5	1.1	0.6	-0.1	-0.1	0.0
2070	0.1	0.8	0.6	0.5	2.3	1.1	0.7	-0.1	0.2	0.3
2071	0.4	0.8	0.6	0.6	1.8	0.9	0.8	0.1	0.5	0.7
2072	0.5	0.8	0.7	0.7	1.4	1.0	0.9	0.6	0.7	0.7

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2017	563315.6	3059942.9	563330.0	3059948.7	563322.2	3059945.5	563329.4	3059948.5	563324.0	3059946.3
2018	563324.2	3059892.4	563338.4	3059898.2	563332.6	3059895.8	563341.5	3059899.4	563334.2	3059896.5
2019	563332.0	3059841.7	563350.3	3059849.1	563345.6	3059847.1	563350.5	3059849.2	563342.6	3059846.0
2020	563339.9	3059790.9	563362.1	3059799.9	563355.8	3059797.4	563362.5	3059800.0	563353.1	3059796.3
2021	563352.5	3059742.1	563369.2	3059748.8	563365.0	3059747.2	563373.2	3059750.5	563365.2	3059747.2
2022	563365.5	3059693.4	563380.7	3059699.5	563378.0	3059698.5	563386.4	3059701.9	563379.1	3059698.9
2023	563385.3	3059647.5	563396.6	3059652.1	563390.7	3059649.7	563400.5	3059653.6	563393.7	3059650.9
2024	563404.1	3059601.2	563413.5	3059605.0	563408.8	3059603.0	563416.7	3059606.2	563409.5	3059603.3
2025	563420.8	3059554.0	563428.7	3059557.2	563428.5	3059557.1	563436.4	3059560.3	563426.6	3059556.3
2026	563434.2	3059505.5	563442.6	3059508.8	563449.2	3059511.5	563454.8	3059513.8	563440.4	3059508.0
2027	563445.9	3059456.3	563457.2	3059460.8	563464.7	3059463.9	563471.1	3059466.4	563456.7	3059460.7
2028	563459.0	3059407.6	563472.0	3059412.9	563475.8	3059414.4	563483.0	3059417.3	563471.0	3059412.5
2029	563473.9	3059359.7	563487.3	3059365.1	563488.4	3059365.6	563494.2	3059367.9	563483.3	3059363.5
2030	563489.4	3059312.1	563504.3	3059318.1	563503.6	3059317.8	563508.1	3059319.6	563496.3	3059314.9
2031	563505.4	3059264.6	563520.2	3059270.6	563520.5	3059270.7	563523.8	3059272.0	563513.4	3059267.8
2032	563521.3	3059217.1	563537.0	3059223.5	563540.5	3059224.9	563539.6	3059224.5	563529.0	3059220.2
2033	563537.9	3059169.9	563554.1	3059176.4	563558.7	3059178.3	563554.0	3059176.4	563543.9	3059172.3
2034	563554.7	3059122.7	563560.7	3059125.2	563573.8	3059130.5	563566.2	3059127.4	563558.4	3059124.2
2035	563567.9	3059074.2	563571.6	3059075.6	563586.9	3059081.8	563583.3	3059080.4	563572.9	3059076.2
2036	563581.1	3059025.6	563586.1	3059027.6	563599.7	3059033.1	563599.0	3059032.8	563587.4	3059028.1
2037	563596.6	3058977.9	563603.1	3058980.5	563612.5	3058984.3	563613.9	3058984.9	563601.6	3058979.9
2038	563612.5	3058930.4	563617.3	3058932.3	563627.4	3058936.4	563627.7	3058936.5	563615.0	3058931.4
2039	563627.3	3058882.4	563629.5	3058883.3	563638.5	3058887.0	563640.4	3058887.7	563626.7	3058882.2
2040	563641.5	3058834.2	563644.9	3058835.6	563652.3	3058838.6	563654.2	3058839.4	563640.4	3058833.8
2041	563655.3	3058785.9	563664.3	3058789.6	563666.7	3058790.5	563665.3	3058789.9	563653.5	3058785.2
2042	563668.8	3058737.4	563670.1	3058738.0	563678.1	3058741.2	563677.2	3058740.8	563668.4	3058737.3
2043	563681.3	3058688.6	563682.9	3058689.2	563691.1	3058692.5	563691.2	3058692.5	563679.4	3058687.8
2044	563693.2	3058639.4	563695.8	3058640.5	563701.6	3058642.8	563701.3	3058642.7	563691.3	3058638.7
2045	563705.2	3058590.4	563708.9	3058591.9	563713.4	3058593.7	563713.6	3058593.7	563704.3	3058590.0
2046	563717.2	3058541.3	563719.6	3058542.2	563728.0	3058545.6	563726.8	3058545.1	563716.6	3058541.0
2047	563729.0	3058492.1	563728.6	3058491.9	563739.0	3058496.1	563738.9	3058496.1	563727.7	3058491.6
2048	563740.7	3058442.9	563740.3	3058442.7	563749.8	3058446.6	563752.2	3058447.5	563739.5	3058442.4
2049	563754.0	3058394.4	563756.2	3058395.3	563761.6	3058397.4	563763.4	3058398.2	563752.6	3058393.8
2050	563768.1	3058346.1	563771.3	3058347.4	563774.4	3058348.7	563775.2	3058349.0	563766.3	3058345.4
2051	563782.0	3058297.8	563785.1	3058299.1	563786.8	3058299.8	563789.5	3058300.9	563779.1	3058296.6
2052	563795.2	3058249.2	563798.9	3058250.7	563801.0	3058251.6	563802.0	3058252.0	563791.7	3058247.8
2053	563808.6	3058200.7	563813.5	3058202.7	563818.3	3058204.6	563816.4	3058203.9	563804.6	3058199.1
2054	563824.0	3058153.0	563828.2	3058154.7	563831.6	3058156.1	563830.4	3058155.6	563817.9	3058150.6
2055	563838.6	3058105.0	563843.7	3058107.0	563844.1	3058107.2	563845.2	3058107.6	563833.0	3058102.7
2056	563852.0	3058056.4	563859.0	3058059.3	563858.0	3058058.9	563857.3	3058058.6	563847.9	3058054.8
2057	563862.7	3058006.9	563873.4	3058011.2	563877.1	3058012.7	563872.4	3058010.8	563863.9	3058007.4
2058	563873.3	3057957.2	563887.6	3057963.0	563894.3	3057965.7	563885.5	3057962.1	563878.1	3057959.2
2059	563886.1	3057908.4	563901.2	3057914.6	563906.2	3057916.6	563896.9	3057912.8	563890.5	3057910.2
2060	563903.4	3057861.5	563914.8	3057866.1	563917.0	3057867.0	563909.8	3057864.1	563904.3	3057861.9
2061	563917.8	3057813.4	563923.4	3057815.7	563929.7	3057818.2	563922.2	3057815.2	563918.1	3057813.5
2062	563929.7	3057764.3	563934.5	3057766.2	563941.8	3057769.2	563939.0	3057768.0	563935.4	3057766.6
2063	563942.0	3057715.3	563948.3	3057717.9	563953.7	3057720.1	563952.4	3057719.5	563954.1	3057720.3
2064	563945.4	3057662.8	563955.5	3057666.9	563962.6	3057669.7	563965.2	3057670.8	563964.9	3057670.7
2065	563950.7	3057611.0	563962.8	3057615.9	563968.7	3057618.3	563976.6	3057621.5	563972.5	3057619.8
2066	563955.1	3057558.9	563969.8	3057564.8	563983.5	3057570.3	563987.7	3057572.0	563982.2	3057569.8
2067	563963.9	3057508.5	563976.8	3057513.7	563999.8	3057523.0	563997.9	3057522.2	563994.2	3057520.7
2068	563973.4	3057458.4	563976.8	3057459.8	564012.4	3057474.1	564008.7	3057472.7	564007.8	3057472.3
2069	563971.0	3057403.5	563973.1	3057404.3	564019.7	3057423.2	564017.4	3057422.3	564016.3	3057421.8
2070	563962.3	3057346.1	563967.8	3057348.3	564010.2	3057365.4	564008.6	3057364.8	564018.2	3057368.6
2071	563944.1	3057284.8	563961.1	3057291.6	563993.5	3057304.8	563996.1	3057305.8	564016.6	3057314.1
2072	563931.4	3057225.7	563951.9	3057234.0	563978.5	3057244.7	563990.9	3057249.8	564012.6	3057258.5

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2073	0.4	0.7	0.8	0.8	1.4	1.2	1.0	1.1	0.9	0.7
2074	0.3	0.7	0.8	0.8	1.6	1.4	1.1	1.2	1.0	0.9
2075	0.4	0.8	0.9	0.9	1.7	1.4	1.3	1.2	1.1	1.0
2076	0.6	0.8	0.9	1.0	1.3	1.3	1.2	1.3	1.2	1.1
2077	0.8	0.9	1.0	1.1	1.2	1.2	1.2	1.2	1.3	1.3
2078	0.9	1.0	1.0	1.1	1.1	1.1	1.3	1.2	1.4	1.5
2079	1.0	1.0	1.0	1.2	0.9	1.1	1.3	1.2	1.4	1.6
2080	1.0	0.9	1.0	1.2	0.8	1.0	1.3	1.2	1.5	1.7
2081	1.0	0.9	1.0	1.2	0.7	1.1	1.3	1.5	1.6	1.7
2082	0.8	0.8	1.0	1.2	0.8	1.3	1.4	1.7	1.7	1.7
2083	0.8	0.8	1.1	1.2	0.9	1.4	1.5	1.8	1.8	1.7
2084	0.8	0.9	1.1	1.2	1.1	1.5	1.6	1.7	1.7	1.7
2085	0.8	1.0	1.1	1.3	1.3	1.4	1.6	1.6	1.7	1.7
2086	0.9	1.0	1.2	1.3	1.2	1.4	1.6	1.6	1.7	1.8
2087	1.1	1.1	1.2	1.4	1.0	1.3	1.6	1.6	1.7	1.8
2088	1.2	1.1	1.2	1.4	1.0	1.3	1.5	1.5	1.7	1.9
2089	1.2	1.2	1.2	1.4	1.1	1.3	1.5	1.4	1.7	1.9
2090	1.3	1.2	1.3	1.4	1.0	1.2	1.5	1.5	1.7	1.9
2091	1.3	1.2	1.3	1.4	1.0	1.3	1.5	1.6	1.7	1.8
2092	1.4	1.2	1.3	1.4	0.8	1.3	1.5	1.7	1.8	1.8
2093	1.5	1.3	1.4	1.5	0.8	1.2	1.5	1.7	1.7	1.8
2094	1.5	1.3	1.4	1.5	0.6	1.3	1.4	1.8	1.7	1.7
2095	1.5	1.2	1.4	1.4	0.7	1.3	1.4	1.7	1.7	1.6
2096	1.4	1.2	1.3	1.4	0.7	1.3	1.4	1.8	1.7	1.6
2097	1.3	1.1	1.3	1.4	0.8	1.3	1.5	1.8	1.7	1.6
2098	1.3	1.2	1.3	1.4	1.0	1.4	1.5	1.7	1.6	1.6
2099	1.4	1.3	1.4	1.4	1.2	1.3	1.4	1.5	1.5	1.6
2100	1.5	1.3	1.4	1.4	0.8	1.3	1.4	1.8	1.6	1.5
2101	1.6	1.3	1.4	1.4	0.5	1.2	1.3	1.8	1.6	1.5
2102	1.7	1.3	1.5	1.5	0.5	1.2	1.3	2.0	1.6	1.4
2103	1.6	1.3	1.5	1.5	0.6	1.3	1.4	1.9	1.6	1.4
2104	1.7	1.4	1.5	1.5	0.5	1.2	1.3	1.9	1.7	1.5
2105	1.8	1.5	1.5	1.5	0.7	1.2	1.3	1.7	1.6	1.5
2106	1.8	1.5	1.6	1.5	0.8	1.3	1.3	1.6	1.5	1.4
2107	1.8	1.5	1.6	1.5	0.9	1.3	1.4	1.7	1.5	1.5
2108	1.8	1.5	1.5	1.5	0.8	1.2	1.4	1.6	1.6	1.5
2109	1.8	1.4	1.5	1.5	0.6	1.1	1.3	1.6	1.6	1.5
2110	1.8	1.5	1.5	1.5	0.9	1.1	1.3	1.4	1.5	1.5
2111	1.7	1.5	1.4	1.5	1.1	1.1	1.3	1.1	1.4	1.6
2112	1.7	1.5	1.4	1.4	1.1	1.1	1.3	1.1	1.3	1.5
2113	1.7	1.6	1.4	1.4	1.5	1.0	1.3	0.6	1.2	1.6
2114	1.7	1.7	1.4	1.4	1.6	1.0	1.2	0.4	1.1	1.6
2115	1.8	1.7	1.4	1.4	1.6	1.0	1.2	0.4	1.1	1.5
2116	1.8	1.7	1.5	1.4	1.4	1.1	1.2	0.7	1.1	1.3
2117	1.8	1.7	1.5	1.4	1.2	1.1	1.2	0.9	1.1	1.3
2118	1.7	1.6	1.4	1.4	1.2	1.1	1.2	1.0	1.2	1.3
2119	1.7	1.5	1.4	1.4	1.2	1.1	1.2	1.0	1.3	1.4
2120	1.5	1.4	1.4	1.4	1.2	1.2	1.3	1.1	1.3	1.4
2121	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.3	1.3
2122	1.4	1.4	1.4	1.3	1.3	1.4	1.3	1.5	1.3	1.1
2123	1.4	1.3	1.4	1.3	1.2	1.4	1.2	1.6	1.3	1.1
2124	1.4	1.3	1.4	1.3	0.9	1.3	1.2	1.7	1.3	1.0
2125	1.4	1.3	1.4	1.3	1.0	1.3	1.2	1.5	1.2	1.0
2126	1.4	1.3	1.4	1.2	1.2	1.4	1.2	1.6	1.2	0.9
2127	1.4	1.4	1.4	1.2	1.3	1.4	1.2	1.5	1.1	0.8
2128	1.4	1.4	1.4	1.2	1.3	1.4	1.1	1.4	1.0	0.8

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2073	563925.4	3057169.4	563943.7	3057176.7	563969.1	3057187.0	563990.6	3057195.7	564012.6	3057204.6
2074	563922.3	3057114.2	563937.4	3057120.3	563966.5	3057132.0	563989.8	3057141.5	564016.0	3057152.0
2075	563919.1	3057059.0	563934.7	3057065.3	563966.0	3057077.9	563989.9	3057087.6	564020.6	3057100.0
2076	563913.1	3057002.6	563938.5	3057012.9	563963.2	3057022.9	563989.9	3057033.7	564023.0	3057047.0
2077	563907.7	3056946.5	563941.7	3056960.2	563963.9	3056969.2	563988.8	3056979.3	564027.1	3056994.8
2078	563908.1	3056892.7	563946.6	3056908.3	563967.0	3056916.5	563990.4	3056926.0	564035.4	3056944.2
2079	563910.0	3056839.6	563952.3	3056856.7	563969.1	3056863.5	563994.1	3056873.6	564041.6	3056892.8
2080	563913.8	3056787.2	563957.8	3056805.0	563972.1	3056810.7	563997.1	3056820.8	564048.2	3056841.5
2081	563919.8	3056735.7	563961.6	3056752.6	563974.2	3056757.7	564003.8	3056769.6	564053.4	3056789.7
2082	563928.8	3056685.4	563961.7	3056698.7	563976.5	3056704.7	564010.8	3056718.5	564060.4	3056738.6
2083	563932.0	3056632.8	563965.0	3056646.1	563981.8	3056652.9	564018.9	3056667.9	564069.6	3056688.4
2084	563939.0	3056581.7	563971.9	3056595.0	563993.0	3056603.5	564028.3	3056617.7	564078.4	3056638.0
2085	563945.9	3056530.5	563981.7	3056545.0	564005.6	3056554.7	564037.6	3056567.6	564088.3	3056588.0
2086	563952.5	3056479.3	563991.8	3056495.2	564014.5	3056504.3	564047.7	3056517.7	564100.3	3056539.0
2087	563960.1	3056428.4	564006.2	3056447.0	564025.6	3056454.9	564058.0	3056468.0	564112.8	3056490.1
2088	563968.3	3056377.8	564020.3	3056398.8	564039.0	3056406.4	564069.1	3056418.5	564124.7	3056441.0
2089	563977.7	3056327.7	564031.6	3056349.4	564051.5	3056357.5	564080.0	3056369.0	564136.5	3056391.8
2090	563988.1	3056277.9	564044.5	3056300.7	564063.2	3056308.3	564092.6	3056320.2	564149.6	3056343.2
2091	564000.9	3056229.2	564057.0	3056251.8	564075.9	3056259.5	564108.0	3056272.5	564162.3	3056294.4
2092	564013.0	3056180.1	564072.1	3056204.0	564086.9	3056210.0	564121.2	3056223.9	564175.0	3056245.6
2093	564024.5	3056130.9	564088.4	3056156.7	564102.4	3056162.4	564136.4	3056176.1	564188.6	3056197.2
2094	564037.8	3056082.3	564104.1	3056109.1	564115.9	3056113.9	564152.8	3056128.8	564202.3	3056148.8
2095	564055.4	3056035.5	564118.6	3056061.0	564132.1	3056066.5	564167.2	3056080.7	564215.1	3056100.0
2096	564073.0	3055988.7	564131.8	3056012.4	564145.2	3056017.9	564182.4	3056032.9	564231.0	3056052.5
2097	564090.7	3055941.9	564146.1	3055964.3	564161.3	3055970.4	564197.8	3055985.2	564246.1	3056004.7
2098	564107.3	3055894.7	564162.1	3055916.8	564180.8	3055924.4	564215.3	3055938.3	564262.3	3055957.3
2099	564120.9	3055846.3	564180.7	3055870.4	564202.1	3055879.1	564232.2	3055891.2	564278.5	3055909.9
2100	564134.7	3055797.9	564200.8	3055824.6	564214.7	3055830.2	564250.3	3055844.6	564296.3	3055863.2
2101	564151.5	3055750.8	564221.6	3055779.1	564231.5	3055783.1	564268.8	3055798.2	564314.0	3055816.4
2102	564168.4	3055703.7	564241.2	3055733.1	564250.0	3055736.7	564289.6	3055752.6	564332.0	3055769.8
2103	564184.6	3055656.3	564255.6	3055685.0	564266.7	3055689.5	564306.0	3055705.3	564349.0	3055722.7
2104	564200.7	3055608.9	564276.5	3055639.5	564285.4	3055643.1	564323.6	3055658.5	564368.5	3055676.7
2105	564216.7	3055561.4	564295.0	3055593.0	564307.3	3055598.0	564342.3	3055612.1	564387.1	3055630.3
2106	564233.8	3055514.4	564312.8	3055546.3	564328.5	3055552.7	564361.7	3055566.1	564404.6	3055583.4
2107	564253.4	3055468.4	564330.6	3055499.6	564347.1	3055506.3	564381.2	3055520.0	564424.6	3055537.5
2108	564273.1	3055422.4	564350.1	3055453.5	564365.0	3055459.6	564397.6	3055472.7	564442.8	3055491.0
2109	564294.5	3055377.1	564372.4	3055408.6	564384.2	3055413.4	564416.3	3055426.4	564461.8	3055444.7
2110	564315.8	3055331.8	564393.0	3055363.0	564409.3	3055369.6	564437.1	3055380.8	564482.3	3055399.1
2111	564337.8	3055286.8	564412.8	3055317.1	564433.4	3055325.4	564455.8	3055334.4	564502.2	3055353.2
2112	564360.5	3055242.0	564434.2	3055271.8	564454.8	3055280.1	564477.3	3055289.2	564521.9	3055307.2
2113	564383.2	3055197.3	564455.7	3055226.5	564483.3	3055237.7	564495.6	3055242.7	564542.0	3055261.4
2114	564404.4	3055151.9	564477.9	3055181.6	564507.5	3055193.5	564516.2	3055197.1	564562.8	3055215.9
2115	564425.5	3055106.5	564501.7	3055137.3	564531.4	3055149.3	564540.3	3055152.9	564584.8	3055170.8
2116	564446.6	3055061.1	564527.0	3055093.6	564553.7	3055104.4	564568.5	3055110.3	564607.6	3055126.1
2117	564471.7	3055017.3	564552.0	3055049.8	564574.1	3055058.7	564592.8	3055066.3	564631.0	3055081.7
2118	564497.8	3054973.9	564573.7	3055004.6	564595.3	3055013.3	564615.5	3055021.5	564655.1	3055037.5
2119	564524.1	3054930.6	564595.9	3054959.7	564617.4	3054968.3	564637.3	3054976.4	564680.0	3054993.6
2120	564551.3	3054887.7	564618.5	3054914.8	564640.7	3054923.8	564663.3	3054933.0	564704.5	3054949.6
2121	564579.1	3054845.0	564641.9	3054870.4	564665.9	3054880.1	564691.2	3054890.3	564729.4	3054905.7
2122	564607.6	3054802.6	564668.1	3054827.0	564691.7	3054836.6	564721.2	3054848.5	564755.3	3054862.3
2123	564635.7	3054760.0	564695.5	3054784.2	564717.7	3054793.1	564749.6	3054806.0	564781.1	3054818.8
2124	564663.3	3054717.3	564724.0	3054741.7	564741.4	3054748.8	564775.6	3054762.6	564806.7	3054775.2
2125	564691.0	3054674.5	564752.4	3054699.3	564771.8	3054707.2	564802.8	3054719.7	564833.6	3054732.1
2126	564719.8	3054632.2	564779.3	3054656.3	564801.6	3054665.3	564833.6	3054678.2	564859.6	3054688.7
2127	564748.6	3054589.9	564809.2	3054614.4	564834.0	3054624.4	564865.3	3054637.1	564888.2	3054646.3
2128	564778.4	3054548.0	564841.2	3054573.4	564865.9	3054583.4	564894.3	3054594.9	564916.7	3054603.9

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2129	1.4	1.4	1.4	1.2	1.3	1.4	1.1	1.5	1.0	0.7
2130	1.5	1.4	1.4	1.2	1.1	1.4	1.1	1.7	1.0	0.6
2131	1.5	1.4	1.4	1.2	1.2	1.3	1.0	1.4	0.9	0.6
2132	1.5	1.4	1.4	1.2	1.0	1.3	0.9	1.5	0.9	0.5
2133	1.5	1.3	1.4	1.1	0.8	1.3	0.9	1.7	0.9	0.4
2134	1.5	1.3	1.4	1.1	0.7	1.2	0.8	1.6	0.9	0.3
2135	1.6	1.3	1.3	1.0	0.5	0.9	0.7	1.3	0.7	0.3
2136	1.6	1.3	1.2	1.0	0.5	0.8	0.6	1.0	0.6	0.4
2137	1.6	1.2	1.2	1.0	0.4	0.7	0.6	1.0	0.6	0.3
2138	1.5	1.3	1.2	0.9	0.7	0.8	0.6	1.0	0.6	0.3
2139	1.5	1.2	1.2	0.9	0.5	0.8	0.6	1.1	0.6	0.3
2140	1.4	1.1	1.2	0.9	0.5	0.9	0.6	1.3	0.6	0.1
2141	1.4	1.2	1.2	0.9	0.6	1.0	0.6	1.3	0.6	0.1
2142	1.3	1.2	1.2	0.9	0.8	1.0	0.6	1.1	0.5	0.0
2143	1.3	1.1	1.1	0.8	0.8	1.0	0.5	1.2	0.4	-0.1
2144	1.3	1.3	1.2	0.8	1.1	1.0	0.5	0.9	0.3	0.0
2145	1.3	1.3	1.2	0.8	1.3	1.0	0.5	0.7	0.2	-0.1
2146	1.5	1.3	1.2	0.8	0.9	0.8	0.4	0.8	0.3	-0.1
2147	1.4	1.3	1.1	0.8	0.8	0.8	0.4	0.7	0.3	-0.1
2148	1.3	1.2	1.1	0.8	1.2	0.9	0.5	0.6	0.2	-0.1
2149	1.2	1.2	1.1	0.7	1.3	1.1	0.5	0.8	0.2	-0.3
2150	1.1	1.3	1.1	0.7	1.6	1.1	0.4	0.6	0.0	-0.4
2151	1.1	1.3	1.1	0.7	1.7	1.1	0.4	0.5	-0.1	-0.5
2152	1.1	1.2	1.1	0.6	1.6	1.0	0.4	0.5	-0.1	-0.5
2153	1.1	1.3	1.1	0.6	1.8	1.0	0.3	0.3	-0.2	-0.6
2154	1.1	1.3	1.0	0.6	1.9	1.0	0.3	0.1	-0.4	-0.7
2155	1.2	1.3	1.0	0.5	1.5	0.9	0.1	0.3	-0.4	-0.8
2156	1.2	1.2	1.0	0.5	1.2	0.7	0.1	0.3	-0.3	-0.7
2157	1.2	1.2	1.0	0.5	1.1	0.7	0.1	0.3	-0.3	-0.7
2158	1.2	1.1	1.0	0.5	1.0	0.7	0.1	0.5	-0.3	-0.8
2159	1.1	1.2	1.0	0.5	1.6	0.9	0.1	0.2	-0.4	-0.9
2160	1.0	1.2	0.9	0.4	1.6	0.9	0.0	0.2	-0.5	-1.0
2161	1.1	1.1	1.0	0.4	1.4	0.8	-0.1	0.4	-0.6	-1.2
2162	1.0	1.1	1.0	0.4	1.3	0.9	-0.1	0.5	-0.6	-1.3
2163	1.1	1.1	1.0	0.3	1.2	0.9	-0.1	0.6	-0.6	-1.4
2164	1.1	1.1	1.0	0.3	1.1	0.9	-0.1	0.7	-0.6	-1.4
2165	1.1	1.2	1.0	0.4	1.4	1.0	-0.1	0.6	-0.6	-1.5
2166	1.0	1.2	1.0	0.4	1.6	1.1	0.0	0.6	-0.7	-1.5
2167	0.9	1.2	1.0	0.3	1.9	1.2	0.0	0.5	-0.7	-1.5
2168	0.8	1.1	1.0	0.3	2.0	1.3	0.1	0.6	-0.7	-1.5
2169	0.6	1.1	1.0	0.3	2.1	1.3	0.1	0.6	-0.6	-1.4
2170	0.5	1.0	0.9	0.3	2.1	1.3	0.2	0.6	-0.6	-1.4
2171	0.5	0.9	0.9	0.3	2.0	1.3	0.2	0.7	-0.5	-1.3
2172	0.6	1.0	0.9	0.3	2.0	1.2	0.2	0.5	-0.5	-1.2
2173	0.7	1.0	0.9	0.4	1.8	1.1	0.2	0.5	-0.4	-1.1
2174	0.6	0.9	0.8	0.4	1.7	1.1	0.2	0.5	-0.3	-0.9
2175	0.5	0.9	0.8	0.4	1.6	1.1	0.3	0.6	-0.2	-0.8
2176	0.5	0.8	0.8	0.4	1.5	1.1	0.3	0.8	-0.2	-0.8
2177	0.4	0.8	0.8	0.3	1.6	1.2	0.3	0.8	-0.2	-0.9
2178	0.4	0.8	0.8	0.3	1.6	1.3	0.3	1.0	-0.2	-1.0
2179	0.5	0.7	0.8	0.3	1.3	1.2	0.2	1.0	-0.2	-1.0
2180	0.5	0.7	0.8	0.3	1.3	1.1	0.2	0.8	-0.2	-0.8
2181	0.5	0.8	0.8	0.4	1.5	1.1	0.3	0.7	-0.2	-0.8
2182	0.4	0.7	0.8	0.4	1.5	1.1	0.3	0.8	-0.1	-0.7
2183	0.4	0.6	0.7	0.4	1.2	1.2	0.3	1.1	0.0	-0.7
2184	0.3	0.6	0.7	0.4	1.3	1.1	0.4	1.0	0.0	-0.6

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2129	564809.3	3054506.6	564871.7	3054531.8	564895.6	3054541.5	564926.7	3054554.0	564947.7	3054562.5
2130	564840.4	3054465.2	564905.3	3054491.4	564925.5	3054499.6	564959.1	3054513.2	564977.9	3054520.8
2131	564872.3	3054424.2	564938.8	3054451.1	564960.6	3054459.9	564988.6	3054471.2	565007.0	3054478.6
2132	564904.9	3054383.4	564972.2	3054410.6	564990.9	3054418.2	565021.3	3054430.5	565036.8	3054436.7
2133	564937.6	3054342.7	565005.0	3054369.9	565019.5	3054375.8	565054.8	3054390.1	565066.0	3054394.6
2134	564970.5	3054302.1	565037.5	3054329.2	565051.2	3054334.7	565084.1	3054348.0	565094.2	3054352.1
2135	565004.2	3054261.8	565074.6	3054290.2	565084.7	3054294.3	565111.3	3054305.1	565121.2	3054309.0
2136	565037.4	3054221.3	565107.2	3054249.5	565116.6	3054253.3	565137.4	3054261.7	565148.4	3054266.1
2137	565068.3	3054179.8	565136.9	3054207.6	565144.8	3054210.7	565165.6	3054219.1	565176.0	3054223.3
2138	565099.3	3054138.4	565164.6	3054164.8	565177.0	3054169.8	565196.8	3054177.8	565205.2	3054181.2
2139	565130.7	3054097.2	565194.4	3054122.9	565204.2	3054126.9	565226.0	3054135.7	565233.5	3054138.7
2140	565161.3	3054055.6	565222.9	3054080.5	565231.5	3054084.0	565258.8	3054095.0	565262.9	3054096.7
2141	565191.2	3054013.8	565252.4	3054038.5	565263.0	3054042.8	565289.4	3054053.4	565292.4	3054054.7
2142	565225.7	3053973.8	565283.6	3053997.2	565298.7	3054003.3	565321.6	3054012.5	565321.8	3054012.6
2143	565261.5	3053934.3	565317.0	3053956.8	565332.3	3053962.9	565356.0	3053972.5	565353.5	3053971.5
2144	565293.1	3053893.2	565351.1	3053916.6	565370.7	3053924.5	565388.0	3053931.5	565386.7	3053931.0
2145	565325.0	3053852.1	565383.5	3053875.8	565407.5	3053885.4	565421.5	3053891.1	565419.8	3053890.4
2146	565357.4	3053811.3	565421.2	3053837.1	565438.6	3053844.1	565454.1	3053850.3	565451.2	3053849.2
2147	565389.8	3053770.4	565452.8	3053795.9	565468.2	3053802.1	565482.8	3053808.0	565480.9	3053807.2
2148	565421.2	3053729.2	565476.6	3053751.6	565498.7	3053760.5	565511.3	3053765.6	565507.9	3053764.2
2149	565452.6	3053688.0	565503.2	3053708.4	565527.9	3053718.4	565543.9	3053724.8	565535.5	3053721.5
2150	565483.2	3053646.4	565531.5	3053665.9	565562.1	3053678.3	565573.9	3053683.1	565562.3	3053678.4
2151	565513.4	3053604.7	565560.8	3053623.8	565592.0	3053636.5	565602.4	3053640.6	565588.3	3053634.9
2152	565541.5	3053562.1	565588.9	3053581.3	565618.3	3053593.1	565628.4	3053597.2	565613.9	3053591.4
2153	565569.1	3053519.3	565616.4	3053538.5	565649.1	3053551.7	565656.1	3053554.5	565638.1	3053547.2
2154	565595.8	3053476.2	565643.0	3053495.3	565678.6	3053509.6	565681.3	3053510.7	565660.2	3053502.2
2155	565622.2	3053432.9	565673.0	3053453.4	565701.5	3053465.0	565706.6	3053467.0	565682.8	3053457.4
2156	565646.8	3053388.9	565700.4	3053410.6	565722.5	3053419.5	565728.5	3053422.0	565706.7	3053413.1
2157	565671.7	3053345.1	565724.7	3053366.5	565744.5	3053374.5	565751.5	3053377.3	565729.4	3053368.4
2158	565696.8	3053301.3	565748.3	3053322.1	565766.9	3053329.6	565776.4	3053333.4	565752.3	3053323.7
2159	565721.7	3053257.4	565768.2	3053276.2	565797.1	3053287.9	565802.2	3053289.9	565774.7	3053278.9
2160	565748.1	3053214.2	565792.6	3053232.1	565822.4	3053244.2	565825.7	3053245.5	565795.2	3053233.2
2161	565773.4	3053170.4	565819.1	3053188.9	565844.3	3053199.1	565852.0	3053202.2	565815.4	3053187.4
2162	565798.6	3053126.7	565843.9	3053145.0	565867.8	3053154.7	565876.9	3053158.3	565838.3	3053142.7
2163	565820.6	3053081.7	565866.8	3053100.3	565888.9	3053109.3	565901.1	3053114.2	565858.8	3053097.1
2164	565841.4	3053036.2	565888.1	3053055.0	565908.5	3053063.2	565922.9	3053069.1	565880.2	3053051.8
2165	565861.1	3052990.2	565906.8	3053008.7	565932.7	3053019.1	565945.6	3053024.3	565900.6	3053006.1
2166	565880.8	3052944.2	565923.5	3052961.5	565953.4	3052973.6	565965.7	3052978.5	565920.2	3052960.1
2167	565900.3	3052898.1	565939.1	3052913.8	565973.5	3052927.7	565984.3	3052932.1	565939.0	3052913.8
2168	565919.8	3052852.1	565953.3	3052865.7	565991.1	3052880.9	566002.7	3052885.6	565957.7	3052867.4
2169	565939.1	3052806.0	565966.7	3052817.1	566005.1	3052832.7	566017.7	3052837.8	565975.2	3052820.6
2170	565956.6	3052759.1	565980.4	3052768.7	566018.8	3052784.3	566031.8	3052789.5	565991.1	3052773.1
2171	565974.0	3052712.2	565995.5	3052720.9	566032.3	3052735.8	566046.4	3052741.5	566006.9	3052725.5
2172	565985.9	3052663.1	566010.8	3052673.2	566047.3	3052687.9	566058.4	3052692.4	566022.4	3052677.8
2173	565996.3	3052613.4	566025.7	3052625.3	566059.5	3052638.9	566069.0	3052642.8	566037.2	3052629.9
2174	566009.8	3052564.9	566036.6	3052575.7	566068.3	3052588.6	566079.1	3052592.9	566051.6	3052581.8
2175	566023.6	3052516.6	566047.4	3052526.2	566076.3	3052537.9	566088.1	3052542.6	566064.6	3052533.1
2176	566036.9	3052468.0	566058.3	3052476.7	566085.7	3052487.7	566101.0	3052493.9	566076.7	3052484.1
2177	566049.4	3052419.1	566068.4	3052426.8	566097.9	3052438.7	566113.5	3052445.0	566087.6	3052434.6
2178	566059.3	3052369.2	566078.6	3052377.0	566108.0	3052388.9	566127.6	3052396.8	566098.1	3052384.9
2179	566070.8	3052319.9	566092.5	3052328.7	566117.2	3052338.7	566138.3	3052347.2	566109.3	3052335.5
2180	566082.5	3052270.7	566104.6	3052279.6	566128.7	3052289.4	566145.3	3052296.1	566120.5	3052286.1
2181	566092.4	3052220.8	566113.9	3052229.5	566140.9	3052240.4	566154.6	3052246.0	566132.1	3052236.8
2182	566103.7	3052171.5	566122.0	3052178.8	566149.7	3052190.0	566166.5	3052196.8	566144.3	3052187.9
2183	566115.8	3052122.4	566132.2	3052129.0	566154.8	3052138.2	566177.3	3052147.2	566156.0	3052138.6
2184	566126.5	3052072.8	566141.1	3052078.7	566165.3	3052088.5	566184.9	3052096.4	566166.8	3052089.1

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2185	0.3	0.6	0.7	0.4	1.4	1.2	0.4	1.0	0.0	-0.6
2186	0.2	0.6	0.7	0.4	1.4	1.1	0.4	0.9	0.1	-0.5
2187	0.2	0.6	0.7	0.4	1.3	1.1	0.5	0.9	0.1	-0.4
2188	0.4	0.5	0.7	0.4	0.8	1.0	0.4	1.2	0.3	-0.3
2189	0.4	0.5	0.6	0.4	0.8	0.9	0.4	1.0	0.3	-0.2
2190	0.4	0.6	0.6	0.4	0.9	0.8	0.4	0.8	0.2	-0.1
2191	0.4	0.6	0.6	0.5	1.1	0.9	0.5	0.6	0.2	0.0
2192	0.4	0.7	0.7	0.5	1.6	1.0	0.5	0.5	0.2	0.0
2193	0.4	0.6	0.7	0.5	1.1	1.0	0.6	1.0	0.4	-0.1
2194	0.4	0.7	0.7	0.5	1.4	0.9	0.5	0.5	0.2	0.0
2195	0.4	0.7	0.6	0.5	1.4	0.9	0.6	0.5	0.3	0.1
2196	0.4	0.7	0.6	0.5	1.5	0.9	0.6	0.5	0.2	0.1
2197	0.4	0.7	0.7	0.5	1.4	0.9	0.5	0.5	0.2	0.1
2198	0.5	0.7	0.6	0.5	1.2	0.7	0.5	0.3	0.2	0.2
2199	0.5	0.7	0.6	0.5	1.2	0.6	0.5	0.1	0.2	0.3
2200	0.6	0.8	0.6	0.5	1.1	0.6	0.5	0.2	0.3	0.3
2201	0.6	0.8	0.6	0.5	1.3	0.6	0.5	0.0	0.2	0.4
2202	0.5	0.8	0.6	0.5	1.3	0.6	0.5	0.0	0.2	0.3
2203	0.5	0.7	0.6	0.5	1.2	0.6	0.5	0.0	0.2	0.4
2204	0.6	0.8	0.6	0.5	1.1	0.6	0.5	0.1	0.2	0.3
2205	0.7	0.8	0.6	0.5	1.2	0.6	0.5	0.0	0.2	0.3
2206	0.7	0.9	0.6	0.5	1.3	0.6	0.5	-0.1	0.1	0.3
2207	0.7	0.8	0.6	0.5	1.2	0.5	0.4	-0.1	0.2	0.3
2208	0.7	0.8	0.6	0.5	1.2	0.4	0.4	-0.3	0.2	0.4
2209	0.7	0.9	0.6	0.5	1.4	0.5	0.4	-0.4	0.1	0.4
2210	0.6	1.0	0.6	0.5	1.7	0.5	0.4	-0.6	0.0	0.3
2211	0.6	1.0	0.6	0.5	1.9	0.6	0.4	-0.7	-0.1	0.3
2212	0.6	1.0	0.5	0.5	1.9	0.4	0.4	-0.9	-0.1	0.5
2213	0.6	1.0	0.5	0.5	1.7	0.4	0.4	-0.8	-0.1	0.4
2214	0.6	0.9	0.5	0.5	1.5	0.4	0.4	-0.5	0.0	0.3
2215	0.7	0.8	0.6	0.5	1.2	0.4	0.4	-0.3	0.0	0.2
2216	0.7	0.8	0.6	0.5	1.1	0.4	0.3	-0.3	0.0	0.2
2217	0.8	0.8	0.5	0.5	0.8	0.1	0.2	-0.5	0.0	0.4
2218	0.8	0.8	0.6	0.5	0.7	0.2	0.2	-0.2	0.1	0.3
2219	0.8	0.8	0.6	0.5	0.8	0.3	0.2	-0.2	0.0	0.2
2220	0.8	0.8	0.5	0.5	0.9	0.3	0.3	-0.3	0.0	0.2
2221	0.8	0.8	0.5	0.5	0.9	0.2	0.2	-0.5	0.0	0.3
2222	0.8	0.8	0.5	0.4	0.9	0.1	0.2	-0.5	0.0	0.3
2223	0.8	0.8	0.5	0.4	0.8	0.1	0.2	-0.5	0.0	0.2
2224	0.8	0.8	0.5	0.4	0.7	0.2	0.2	-0.3	0.0	0.2
2225	0.8	0.8	0.5	0.4	1.0	0.1	0.2	-0.7	-0.1	0.3
2226	0.7	0.8	0.4	0.4	1.0	0.1	0.2	-0.8	-0.1	0.3
2227	0.8	0.8	0.4	0.4	0.9	0.0	0.1	-0.9	-0.1	0.4
2228	0.9	0.9	0.4	0.4	0.9	-0.2	0.1	-1.3	-0.2	0.5
2229	0.9	0.8	0.3	0.4	0.7	-0.3	0.1	-1.2	-0.2	0.5
2230	0.9	0.8	0.3	0.4	0.8	-0.2	0.0	-1.2	-0.3	0.4
2231	0.8	0.9	0.4	0.3	1.0	-0.2	0.1	-1.2	-0.3	0.3
2232	0.7	0.8	0.4	0.3	1.1	0.0	0.1	-1.1	-0.3	0.3
2233	0.7	0.8	0.3	0.3	1.1	0.0	0.1	-1.1	-0.3	0.3
2234	0.7	0.8	0.3	0.3	1.1	-0.1	0.1	-1.2	-0.3	0.4
2235	0.7	0.8	0.3	0.3	1.1	-0.1	0.1	-1.2	-0.2	0.4
2236	0.7	0.8	0.4	0.4	1.0	-0.1	0.1	-1.1	-0.2	0.4
2237	0.8	0.8	0.4	0.4	0.8	0.0	0.1	-0.8	-0.2	0.2
2238	0.9	0.8	0.4	0.4	0.6	-0.1	0.0	-0.6	-0.1	0.2
2239	0.9	0.8	0.4	0.4	0.6	0.0	0.1	-0.6	-0.1	0.2
2240	0.8	0.8	0.5	0.4	0.6	0.0	0.1	-0.5	-0.1	0.1

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2185	566136.9	3052023.1	566149.0	3052028.0	566174.9	3052038.4	566194.4	3052046.3	566177.2	3052039.3
2186	566147.6	3051973.5	566158.4	3051977.8	566184.6	3051988.4	566202.7	3051995.7	566188.0	3051989.8
2187	566158.0	3051923.7	566168.5	3051928.0	566193.2	3051938.0	566211.8	3051945.5	566199.7	3051940.6
2188	566166.2	3051873.1	566181.8	3051879.5	566196.6	3051885.4	566221.2	3051895.4	566210.8	3051891.2
2189	566176.8	3051823.5	566194.6	3051830.7	566209.0	3051836.5	566228.7	3051844.4	566222.0	3051841.8
2190	566187.4	3051773.8	566206.8	3051781.7	566223.1	3051788.3	566238.4	3051794.5	566234.0	3051792.7
2191	566196.8	3051723.7	566214.9	3051731.0	566235.6	3051739.4	566248.5	3051744.6	566247.3	3051744.1
2192	566206.3	3051673.6	566222.4	3051680.1	566251.2	3051691.8	566260.3	3051695.5	566260.0	3051695.3
2193	566216.0	3051623.6	566232.7	3051630.4	566253.0	3051638.6	566272.8	3051646.6	566271.3	3051646.0
2194	566226.5	3051574.0	566243.8	3051580.9	566269.3	3051591.2	566280.1	3051595.6	566281.2	3051596.0
2195	566236.7	3051524.1	566252.8	3051530.6	566278.5	3051541.0	566288.4	3051545.0	566291.6	3051546.3
2196	566246.7	3051474.3	566262.2	3051480.5	566289.5	3051491.5	566299.1	3051495.4	566301.7	3051496.5
2197	566256.9	3051424.4	566275.4	3051431.9	566301.2	3051442.3	566310.3	3051446.0	566312.0	3051446.7
2198	566267.9	3051375.0	566288.5	3051383.3	566311.5	3051392.6	566316.6	3051394.7	566323.0	3051397.2
2199	566278.5	3051325.3	566301.6	3051334.7	566323.5	3051343.5	566326.1	3051344.6	566335.1	3051348.2
2200	566286.5	3051274.6	566312.8	3051285.2	566333.4	3051293.6	566336.7	3051294.9	566346.7	3051298.9
2201	566295.1	3051224.2	566320.4	3051234.4	566343.7	3051243.8	566343.4	3051243.7	566355.6	3051248.6
2202	566307.0	3051175.1	566330.9	3051184.7	566355.2	3051194.5	566354.6	3051194.3	566364.9	3051198.5
2203	566317.6	3051125.4	566340.6	3051134.7	566363.0	3051143.8	566363.4	3051143.9	566373.9	3051148.1
2204	566323.8	3051074.0	566350.2	3051084.6	566370.7	3051092.9	566373.4	3051094.0	566382.3	3051097.6
2205	566330.9	3051022.9	566359.7	3051034.6	566382.1	3051043.6	566381.8	3051043.5	566391.8	3051047.5
2206	566339.6	3050972.5	566369.8	3050984.7	566393.8	3050994.4	566391.3	3050993.4	566400.9	3050997.3
2207	566349.3	3050922.5	566379.7	3050934.8	566401.6	3050943.6	566400.4	3050943.2	566409.6	3050946.9
2208	566358.6	3050872.3	566388.2	3050884.3	566409.5	3050892.9	566404.2	3050890.7	566417.1	3050896.0
2209	566367.6	3050822.1	566396.1	3050833.6	566422.6	3050844.3	566414.1	3050840.8	566426.0	3050845.7
2210	566376.2	3050771.6	566404.0	3050782.8	566435.7	3050795.7	566424.6	3050791.1	566434.1	3050795.0
2211	566386.4	3050721.8	566413.2	3050732.6	566449.1	3050747.1	566435.5	3050741.6	566443.7	3050744.9
2212	566397.0	3050672.1	566424.6	3050683.3	566459.4	3050697.4	566440.4	3050689.7	566454.1	3050695.2
2213	566407.2	3050622.3	566435.4	3050633.7	566467.3	3050646.6	566451.8	3050640.4	566462.4	3050644.6
2214	566417.6	3050572.6	566445.2	3050583.8	566472.4	3050594.8	566462.5	3050590.7	566471.0	3050594.2
2215	566428.1	3050522.9	566456.9	3050534.6	566479.3	3050543.6	566473.8	3050541.4	566481.0	3050544.3
2216	566438.6	3050473.2	566469.3	3050485.7	566489.5	3050493.8	566484.0	3050491.6	566490.7	3050494.3
2217	566446.0	3050422.3	566482.6	3050437.1	566497.8	3050443.2	566487.2	3050439.0	566498.9	3050443.7
2218	566453.3	3050371.4	566489.9	3050386.1	566503.7	3050391.7	566498.9	3050389.8	566506.9	3050393.0
2219	566462.6	3050321.2	566497.5	3050335.2	566511.5	3050340.9	566508.2	3050339.6	566513.8	3050341.9
2220	566472.7	3050271.3	566505.4	3050284.5	566522.4	3050291.4	566516.3	3050288.9	566523.7	3050291.9
2221	566482.4	3050221.3	566516.4	3050235.0	566533.7	3050242.0	566524.4	3050238.3	566532.8	3050241.7
2222	566491.3	3050171.0	566526.6	3050185.2	566542.3	3050191.6	566531.8	3050187.4	566540.5	3050190.8
2223	566500.3	3050120.7	566535.8	3050135.0	566550.5	3050141.0	566541.0	3050137.1	566548.4	3050140.1
2224	566510.1	3050070.7	566545.1	3050084.9	566558.3	3050090.2	566551.3	3050087.3	566558.5	3050090.3
2225	566521.7	3050021.5	566554.9	3050034.9	566573.7	3050042.5	566560.5	3050037.1	566568.3	3050040.3
2226	566533.3	3049972.2	566565.5	3049985.2	566584.2	3049992.8	566568.7	3049986.5	566578.1	3049990.4
2227	566544.1	3049922.7	566577.8	3049936.3	566594.2	3049942.9	566576.2	3049935.7	566587.2	3049940.1
2228	566552.0	3049871.9	566590.2	3049887.4	566607.1	3049894.2	566581.4	3049883.8	566596.7	3049890.0
2229	566563.4	3049822.6	566602.5	3049838.4	566615.5	3049843.7	566592.1	3049834.2	566606.0	3049839.9
2230	566575.8	3049773.7	566613.3	3049788.8	566628.4	3049795.0	566604.5	3049785.3	566615.8	3049789.9
2231	566588.6	3049724.9	566623.6	3049739.1	566642.6	3049746.8	566617.4	3049736.6	566627.5	3049740.7
2232	566602.0	3049676.4	566633.8	3049689.3	566653.8	3049697.4	566632.2	3049688.7	566640.0	3049691.8
2233	566616.2	3049628.3	566644.8	3049639.8	566665.6	3049648.2	566643.6	3049639.3	566651.7	3049642.6
2234	566627.5	3049578.9	566657.3	3049590.9	566678.4	3049599.4	566653.1	3049589.2	566664.1	3049593.7
2235	566638.6	3049529.4	566668.6	3049541.6	566688.7	3049549.7	566665.2	3049540.2	566677.2	3049545.0
2236	566649.4	3049479.9	566681.2	3049492.7	566700.0	3049500.3	566678.5	3049491.6	566689.9	3049496.2
2237	566661.2	3049430.7	566695.6	3049444.6	566710.9	3049450.8	566694.1	3049444.0	566701.4	3049447.0
2238	566673.4	3049381.7	566710.6	3049396.7	566720.8	3049400.9	566707.9	3049395.6	566713.4	3049397.9
2239	566685.5	3049332.7	566722.7	3049347.7	566733.5	3049352.1	566721.1	3049347.1	566726.4	3049349.2
2240	566698.1	3049283.9	566734.0	3049298.4	566745.9	3049303.2	566735.8	3049299.1	566739.1	3049300.4

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2241	0.8	0.9	0.4	0.4	1.2	0.0	0.1	-1.0	-0.3	0.2
2242	0.8	0.9	0.5	0.4	1.1	0.1	0.1	-0.8	-0.3	0.1
2243	0.8	0.8	0.5	0.4	0.9	0.1	0.1	-0.6	-0.2	0.1
2244	0.8	0.8	0.5	0.4	0.7	0.1	0.1	-0.4	-0.2	0.0
2245	0.8	0.8	0.5	0.4	0.8	0.2	0.1	-0.4	-0.2	0.0
2246	0.8	0.8	0.4	0.4	1.0	0.1	0.1	-0.7	-0.2	0.2
2247	0.7	0.8	0.5	0.4	1.0	0.1	0.1	-0.7	-0.2	0.1
2248	0.8	0.8	0.4	0.4	0.9	0.0	0.1	-0.9	-0.2	0.2
2249	0.9	0.8	0.4	0.4	0.8	-0.1	0.0	-0.8	-0.2	0.2
2250	0.9	0.9	0.4	0.4	0.7	-0.2	0.0	-0.9	-0.2	0.2
2251	0.9	0.8	0.4	0.3	0.5	-0.1	0.0	-0.6	-0.2	0.1
2252	0.9	0.8	0.5	0.3	0.5	0.0	-0.1	-0.5	-0.3	-0.1
2253	0.9	0.7	0.4	0.3	0.3	-0.1	-0.1	-0.4	-0.3	-0.2
2254	0.9	0.7	0.4	0.3	0.4	-0.2	-0.1	-0.8	-0.3	0.0
2255	0.9	0.8	0.4	0.2	0.7	-0.2	-0.2	-1.1	-0.5	-0.1
2256	0.8	0.8	0.3	0.2	0.7	-0.2	-0.2	-1.0	-0.5	-0.1
2257	0.8	0.8	0.3	0.2	0.8	-0.2	-0.2	-1.1	-0.5	-0.1
2258	0.7	0.7	0.3	0.2	0.8	-0.1	-0.1	-1.0	-0.5	-0.1
2259	0.7	0.7	0.3	0.2	0.8	0.0	-0.1	-0.7	-0.4	-0.2
2260	0.6	0.7	0.3	0.2	0.7	0.0	-0.1	-0.7	-0.4	-0.3
2261	0.6	0.6	0.3	0.1	0.6	0.0	-0.2	-0.6	-0.4	-0.3
2262	0.7	0.6	0.3	0.1	0.5	-0.1	-0.2	-0.7	-0.5	-0.4
2263	0.6	0.6	0.3	0.1	0.7	0.0	-0.2	-0.7	-0.5	-0.4
2264	0.5	0.6	0.3	0.1	0.9	0.0	-0.2	-0.7	-0.5	-0.4
2265	0.5	0.5	0.2	0.1	0.6	0.0	-0.2	-0.6	-0.5	-0.4
2266	0.4	0.5	0.2	0.1	0.8	0.0	-0.2	-0.7	-0.5	-0.4
2267	0.3	0.5	0.2	0.0	0.9	0.0	-0.1	-0.7	-0.5	-0.4
2268	0.3	0.5	0.2	0.0	0.9	0.1	-0.1	-0.7	-0.5	-0.4
2269	0.3	0.5	0.2	0.0	0.8	0.0	-0.2	-0.8	-0.5	-0.3
2270	0.4	0.4	0.2	0.0	0.6	0.1	-0.2	-0.4	-0.5	-0.5
2271	0.4	0.4	0.2	0.0	0.5	-0.1	-0.2	-0.6	-0.4	-0.3
2272	0.4	0.4	0.2	0.0	0.4	-0.1	-0.2	-0.5	-0.5	-0.4
2273	0.4	0.4	0.1	0.0	0.3	-0.1	-0.3	-0.5	-0.5	-0.4
2274	0.4	0.3	0.1	0.0	0.2	-0.1	-0.3	-0.4	-0.5	-0.5
2275	0.4	0.3	0.1	0.0	0.1	-0.2	-0.3	-0.4	-0.5	-0.5
2276	0.3	0.3	0.1	-0.1	0.2	-0.2	-0.3	-0.6	-0.5	-0.4
2277	0.3	0.2	0.0	-0.1	0.0	-0.3	-0.3	-0.6	-0.5	-0.4
2278	0.4	0.3	0.1	-0.1	0.0	-0.2	-0.5	-0.4	-0.6	-0.8
2279	0.3	0.3	0.1	-0.1	0.2	-0.2	-0.4	-0.4	-0.6	-0.7
2280	0.1	0.2	0.0	-0.2	0.4	0.0	-0.3	-0.5	-0.6	-0.7
2281	0.0	0.2	0.0	-0.2	0.6	0.0	-0.4	-0.5	-0.7	-0.9
2282	0.1	0.2	0.0	-0.2	0.5	-0.1	-0.5	-0.7	-0.8	-0.9
2283	0.1	0.2	-0.1	-0.2	0.5	-0.2	-0.4	-0.9	-0.8	-0.7
2284	0.1	0.2	0.0	-0.2	0.3	-0.2	-0.4	-0.7	-0.7	-0.7
2285	0.2	0.2	0.0	-0.2	0.1	-0.2	-0.4	-0.5	-0.6	-0.7
2286	0.1	0.2	-0.1	-0.2	0.5	-0.2	-0.4	-0.9	-0.8	-0.7
2287	-0.1	0.1	-0.1	-0.3	0.5	-0.2	-0.4	-0.9	-0.8	-0.7
2288	-0.1	0.2	-0.2	-0.3	0.8	-0.3	-0.4	-1.2	-0.9	-0.7
2289	-0.1	0.1	-0.2	-0.3	0.6	-0.3	-0.4	-1.1	-0.8	-0.7
2290	-0.1	0.1	-0.1	-0.3	0.5	-0.2	-0.4	-0.8	-0.8	-0.8
2291	-0.1	0.1	-0.1	-0.3	0.5	-0.1	-0.4	-0.7	-0.8	-0.8
2292	0.0	0.2	-0.1	-0.2	0.6	-0.1	-0.4	-0.8	-0.8	-0.8
2293	0.0	0.1	-0.1	-0.2	0.6	-0.2	-0.4	-0.8	-0.7	-0.6
2294	-0.1	0.1	-0.1	-0.2	0.5	-0.1	-0.3	-0.6	-0.6	-0.6
2295	-0.1	0.0	0.0	-0.2	0.1	0.0	-0.3	-0.1	-0.5	-0.8
2296	-0.1	0.0	-0.1	-0.3	0.4	-0.1	-0.4	-0.6	-0.7	-0.7

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2241	566712.1	3049235.6	566745.5	3049249.1	566767.7	3049258.0	566747.3	3049249.8	566752.2	3049251.8
2242	566724.6	3049186.7	566757.8	3049200.1	566777.9	3049208.2	566762.6	3049202.1	566764.7	3049202.9
2243	566736.9	3049137.7	566771.8	3049151.8	566787.8	3049158.3	566775.1	3049153.2	566777.7	3049154.2
2244	566750.5	3049089.3	566785.9	3049103.6	566799.1	3049109.0	566790.7	3049105.5	566790.8	3049105.6
2245	566762.2	3049040.1	566796.1	3049053.8	566811.4	3049060.0	566803.4	3049056.8	566803.2	3049056.7
2246	566774.5	3048991.2	566807.7	3049004.6	566825.5	3049011.8	566811.4	3049006.1	566816.3	3049008.1
2247	566788.0	3048942.7	566820.2	3048955.7	566838.8	3048963.2	566825.1	3048957.7	566828.8	3048959.2
2248	566801.1	3048894.0	566836.5	3048908.3	566852.7	3048914.9	566835.1	3048907.8	566841.7	3048910.5
2249	566813.3	3048845.1	566851.8	3048860.6	566866.0	3048866.3	566849.4	3048859.6	566854.7	3048861.8
2250	566825.4	3048796.0	566866.3	3048812.6	566878.4	3048817.4	566860.4	3048810.2	566866.3	3048812.5
2251	566840.9	3048748.4	566880.3	3048764.3	566890.2	3048768.3	566877.1	3048763.0	566879.1	3048763.8
2252	566856.5	3048700.7	566896.1	3048716.7	566904.5	3048720.1	566894.7	3048716.1	566890.8	3048714.6
2253	566872.1	3048653.1	566911.8	3048669.1	566917.3	3048671.4	566908.7	3048667.9	566903.4	3048665.7
2254	566887.3	3048605.3	566926.6	3048621.2	566933.8	3048624.1	566917.9	3048617.7	566916.8	3048617.2
2255	566903.3	3048557.8	566941.5	3048573.3	566954.3	3048578.5	566932.1	3048569.5	566930.0	3048568.6
2256	566919.9	3048510.6	566956.5	3048525.4	566969.1	3048530.5	566948.0	3048522.0	566944.2	3048520.5
2257	566935.2	3048462.9	566969.7	3048476.8	566984.3	3048482.7	566962.6	3048474.0	566958.8	3048472.4
2258	566950.1	3048415.0	566979.8	3048427.0	566995.5	3048433.3	566975.8	3048425.4	566972.4	3048424.0
2259	566964.0	3048366.7	566992.3	3048378.1	567006.3	3048383.8	566991.9	3048377.9	566984.7	3048375.0
2260	566977.5	3048318.2	567005.3	3048329.4	567018.7	3048334.8	567004.6	3048329.1	566996.3	3048325.8
2261	566992.0	3048270.1	567018.9	3048281.0	567029.9	3048285.4	567018.0	3048280.6	567008.6	3048276.8
2262	567007.3	3048222.4	567036.4	3048234.1	567046.1	3048238.1	567032.5	3048232.6	567021.9	3048228.3
2263	567023.7	3048175.1	567048.7	3048185.2	567062.5	3048190.8	567048.3	3048185.0	567036.2	3048180.1
2264	567039.9	3048127.7	567061.0	3048136.2	567077.2	3048142.8	567062.1	3048136.7	567050.0	3048131.8
2265	567056.0	3048080.3	567075.7	3048088.2	567087.6	3048093.0	567076.4	3048088.5	567064.9	3048083.9
2266	567072.6	3048033.1	567089.9	3048040.0	567103.8	3048045.7	567090.1	3048040.1	567079.2	3048035.7
2267	567089.4	3047985.9	567103.3	3047991.6	567119.3	3047998.0	567104.7	3047992.1	567093.3	3047987.5
2268	567104.9	3047938.3	567117.8	3047943.5	567134.4	3047950.2	567120.3	3047944.5	567107.7	3047939.4
2269	567120.1	3047890.5	567134.0	3047896.1	567148.2	3047901.8	567132.6	3047895.5	567122.7	3047891.5
2270	567134.9	3047842.5	567150.4	3047848.8	567162.1	3047853.5	567153.2	3047849.9	567138.5	3047844.0
2271	567149.6	3047794.5	567166.5	3047801.4	567175.8	3047805.1	567163.8	3047800.3	567153.5	3047796.1
2272	567164.6	3047746.7	567180.9	3047753.3	567188.8	3047756.4	567178.0	3047752.1	567165.9	3047747.2
2273	567180.0	3047699.0	567196.2	3047705.5	567202.5	3047708.0	567191.7	3047703.7	567178.7	3047698.4
2274	567195.4	3047651.3	567213.2	3047658.5	567216.4	3047659.7	567207.6	3047656.2	567192.8	3047650.2
2275	567212.1	3047604.1	567229.2	3047611.0	567231.3	3047611.9	567223.0	3047608.5	567207.8	3047602.3
2276	567230.2	3047557.5	567244.3	3047563.1	567247.3	3047564.4	567235.2	3047559.5	567222.7	3047554.4
2277	567245.6	3047509.8	567260.1	3047515.6	567261.0	3047516.0	567249.6	3047511.4	567236.5	3047506.1
2278	567258.4	3047467.6	567271.8	3047478.9	567271.5	3047478.6	567264.2	3047472.5	567246.5	3047457.6
2279	567274.5	3047415.9	567285.4	3047425.0	567288.0	3047427.1	567280.6	3047421.0	567263.6	3047406.7
2280	567292.0	3047365.2	567295.8	3047368.4	567302.5	3047374.0	567294.6	3047367.4	567277.4	3047353.0
2281	567308.3	3047313.6	567309.7	3047314.8	567318.5	3047322.2	567310.6	3047315.6	567290.2	3047298.5
2282	567323.1	3047260.8	567327.5	3047264.5	567335.1	3047270.8	567323.6	3047261.3	567302.3	3047243.4
2283	567337.0	3047207.2	567340.4	3047210.1	567348.6	3047216.9	567333.1	3047204.0	567316.2	3047189.8
2284	567349.7	3047152.6	567354.3	3047156.5	567358.6	3047160.0	567347.3	3047150.6	567331.9	3047137.6
2285	567362.0	3047097.6	567368.2	3047102.8	567369.8	3047104.2	567361.1	3047096.9	567345.8	3047084.1
2286	567379.0	3047046.7	567381.3	3047048.5	567388.8	3047054.9	567373.7	3047042.2	567357.7	3047028.8
2287	567395.4	3046995.1	567393.0	3046993.1	567401.0	3046999.8	567386.1	3046987.3	567369.8	3046973.7
2288	567409.1	3046941.3	567405.8	3046938.6	567418.1	3046948.9	567397.3	3046931.4	567381.9	3046918.5
2289	567421.4	3046886.4	567419.0	3046884.4	567427.7	3046891.7	567410.1	3046876.9	567394.4	3046863.8
2290	567433.0	3046830.9	567430.7	3046829.0	567438.4	3046835.4	567425.7	3046824.8	567407.4	3046809.4
2291	567447.1	3046777.4	567443.7	3046774.6	567452.0	3046781.6	567440.7	3046772.1	567421.9	3046756.3
2292	567458.7	3046721.9	567457.0	3046720.5	567466.6	3046728.5	567454.0	3046718.0	567436.6	3046703.4
2293	567470.5	3046666.5	567469.4	3046665.6	567477.8	3046672.7	567463.8	3046660.9	567448.8	3046648.3
2294	567483.3	3046612.0	567480.6	3046609.7	567488.1	3046616.0	567477.4	3046607.0	567463.5	3046595.4
2295	567498.5	3046559.5	567495.9	3046557.3	567497.3	3046558.4	567496.4	3046557.7	567477.8	3046542.1
2296	567515.0	3046508.1	567511.7	3046505.3	567517.5	3046510.1	567507.0	3046501.3	567491.2	3046488.1

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2297	-0.1	-0.1	-0.1	-0.3	0.1	-0.1	-0.4	-0.2	-0.5	-0.8
2298	-0.2	-0.1	-0.1	-0.3	-0.1	0.0	-0.3	0.1	-0.4	-0.8
2299	-0.3	-0.2	-0.1	-0.3	0.1	0.0	-0.3	0.0	-0.4	-0.8
2300	-0.3	-0.2	-0.1	-0.3	0.2	0.1	-0.3	-0.1	-0.5	-0.7
2301	-0.4	-0.1	-0.2	-0.3	0.5	0.0	-0.3	-0.4	-0.6	-0.8
2302	-0.4	-0.2	-0.2	-0.3	0.2	0.0	-0.3	-0.1	-0.5	-0.8
2303	-0.3	-0.1	0.0	-0.3	0.3	0.3	-0.3	0.2	-0.5	-1.0
2304	-0.2	-0.2	0.0	-0.3	-0.1	0.3	-0.3	0.6	-0.4	-1.1
2305	-0.2	0.0	0.1	-0.3	0.4	0.3	-0.3	0.2	-0.6	-1.2
2306	-0.1	0.2	0.0	-0.2	0.8	0.2	-0.3	-0.4	-0.7	-1.0
2307	-0.1	0.1	0.0	-0.2	0.6	0.1	-0.4	-0.4	-0.7	-1.0
2308	0.0	0.1	0.0	-0.3	0.4	-0.1	-0.4	-0.6	-0.8	-0.9
2309	-0.1	0.1	-0.1	-0.3	0.4	-0.2	-0.4	-0.7	-0.7	-0.7
2310	-0.2	-0.2	-0.2	-0.3	-0.1	-0.2	-0.3	-0.3	-0.4	-0.4
2311	-0.2	-0.3	-0.2	-0.2	-0.3	-0.1	-0.2	0.0	-0.2	-0.3
2312	-0.2	-0.3	-0.2	-0.2	-0.3	-0.1	-0.2	0.1	-0.1	-0.3
2313	-0.3	-0.3	-0.2	-0.2	-0.4	-0.1	-0.1	0.1	0.0	-0.1
2314	-0.4	-0.4	-0.3	-0.2	-0.2	-0.1	0.0	0.1	0.1	0.1
2315	-0.5	-0.4	-0.4	-0.2	-0.1	-0.2	0.1	-0.2	0.2	0.4
2316	-0.6	-0.4	-0.4	-0.1	-0.2	-0.2	0.1	-0.3	0.2	0.6
2317	-0.6	-0.4	-0.4	-0.1	0.2	-0.2	0.2	-0.5	0.2	0.7
2318	-0.7	-0.5	-0.4	-0.2	0.0	-0.1	0.2	-0.2	0.3	0.6
2319	-0.8	-0.5	-0.4	-0.2	0.1	-0.1	0.2	-0.3	0.2	0.6
2320	-0.9	-0.5	-0.5	-0.2	0.4	-0.1	0.2	-0.4	0.1	0.6
2321	-1.1	-0.6	-0.6	-0.3	0.4	0.0	0.2	-0.4	0.2	0.6
2322	-1.2	-0.7	-0.7	-0.3	0.5	-0.1	0.3	-0.6	0.2	0.8
2323	-1.3	-0.9	-0.7	-0.3	0.0	0.1	0.3	0.1	0.4	0.7
2324	-1.5	-1.0	-0.7	-0.4	0.0	0.2	0.3	0.3	0.4	0.5
2325	-1.5	-1.1	-0.7	-0.4	0.0	0.2	0.3	0.4	0.5	0.5
2326	-1.6	-1.2	-0.8	-0.4	-0.1	0.1	0.3	0.3	0.5	0.7
2327	-1.7	-1.2	-0.8	-0.4	-0.1	0.3	0.4	0.6	0.5	0.5
2328	-1.7	-1.2	-0.8	-0.5	-0.1	0.1	0.4	0.4	0.5	0.7
2329	-1.7	-1.2	-0.8	-0.4	0.0	0.2	0.4	0.4	0.5	0.6
2330	-1.8	-1.2	-0.8	-0.5	0.0	0.4	0.4	0.7	0.5	0.4
2331	-1.8	-1.2	-0.8	-0.5	0.2	0.3	0.4	0.5	0.4	0.4
2332	-1.8	-1.2	-0.9	-0.5	0.3	0.2	0.3	0.1	0.4	0.5
2333	-1.9	-1.2	-0.9	-0.5	0.2	0.2	0.3	0.1	0.4	0.6
2334	-1.9	-1.3	-0.9	-0.6	0.2	0.2	0.3	0.1	0.4	0.6
2335	-1.9	-1.3	-1.0	-0.5	0.2	0.1	0.4	0.1	0.4	0.6
2336	-1.9	-1.2	-0.9	-0.5	0.4	0.2	0.4	0.0	0.4	0.7
2337	-1.8	-1.2	-0.9	-0.5	0.3	0.3	0.4	0.2	0.4	0.6
2338	-1.7	-1.2	-0.8	-0.5	-0.1	0.2	0.3	0.6	0.5	0.5
2339	-1.8	-1.3	-0.8	-0.4	-0.1	0.4	0.4	0.8	0.6	0.5
2340	-1.9	-1.3	-0.8	-0.5	0.1	0.3	0.5	0.5	0.6	0.6
2341	-2.0	-1.2	-0.9	-0.5	0.5	0.3	0.4	0.2	0.4	0.5
2342	-2.1	-1.3	-1.0	-0.6	0.5	0.3	0.4	0.2	0.4	0.5
2343	-2.3	-1.5	-1.1	-0.7	0.6	0.4	0.4	0.2	0.3	0.4
2344	-2.6	-1.6	-1.2	-0.8	0.7	0.4	0.4	0.2	0.3	0.5
2345	-2.6	-1.6	-1.2	-0.7	0.7	0.3	0.5	0.0	0.4	0.7
2346	-2.5	-1.5	-1.2	-0.7	0.6	0.3	0.5	0.0	0.5	0.8
2347	-1.9	-1.2	-0.9	-0.4	0.5	0.3	0.5	0.0	0.5	0.8
2348	-1.5	-0.8	-0.6	-0.3	0.8	0.3	0.5	-0.2	0.3	0.7
2349	1.6	1.3	1.0	0.9	0.6	0.2	0.5	-0.1	0.4	0.8
2350	2.1	1.6	1.3	1.1	0.5	0.3	0.5	0.2	0.5	0.7
2351	2.3	1.7	1.4	1.2	0.4	0.4	0.5	0.4	0.6	0.7
2352	2.5	1.8	1.6	1.3	0.4	0.6	0.6	0.7	0.6	0.6

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2297	567530.9	3046456.2	567526.8	3046452.7	567527.7	3046453.4	567524.6	3046450.9	567506.9	3046436.0
2298	567546.9	3046404.3	567540.8	3046399.2	567539.9	3046398.4	567541.8	3046400.0	567522.6	3046383.9
2299	567562.8	3046352.4	567553.4	3046344.5	567554.4	3046345.3	567554.5	3046345.4	567536.7	3046330.5
2300	567577.7	3046299.6	567565.9	3046289.6	567569.2	3046292.5	567568.1	3046291.5	567550.7	3046276.9
2301	567592.6	3046246.8	567579.4	3046235.8	567587.0	3046242.1	567580.2	3046236.4	567562.0	3046221.1
2302	567607.4	3046194.0	567593.7	3046182.4	567596.7	3046185.0	567594.3	3046183.0	567576.1	3046167.7
2303	567619.2	3046138.6	567608.1	3046129.3	567613.1	3046133.5	567616.2	3046136.1	567592.3	3046116.1
2304	567632.9	3046084.8	567625.7	3046078.8	567624.2	3046077.5	567634.2	3046085.9	567608.3	3046064.2
2305	567647.5	3046031.8	567641.7	3046027.0	567647.6	3046031.9	567650.9	3046034.7	567622.9	3046011.2
2306	567659.8	3045976.8	567656.7	3045974.2	567668.6	3045984.2	567662.2	3045978.9	567638.9	3045959.3
2307	567674.1	3045923.6	567671.9	3045921.8	567680.7	3045929.1	567674.7	3045924.1	567652.4	3045905.4
2308	567689.5	3045871.2	567689.1	3045870.9	567695.8	3045876.5	567686.6	3045868.8	567665.7	3045851.3
2309	567705.7	3045819.6	567702.7	3045817.0	567709.0	3045822.4	567697.5	3045812.7	567681.7	3045799.4
2310	567721.3	3045767.4	567714.4	3045761.6	567712.4	3045759.9	567708.0	3045756.2	567698.4	3045748.2
2311	567735.0	3045713.6	567726.7	3045706.7	567722.1	3045702.8	567722.3	3045702.9	567714.5	3045696.4
2312	567749.4	3045660.4	567741.2	3045653.5	567736.5	3045649.6	567737.9	3045650.7	567731.7	3045645.6
2313	567765.0	3045608.3	567753.9	3045598.9	567747.8	3045593.8	567750.2	3045595.9	567747.3	3045593.4
2314	567779.0	3045554.7	567763.5	3045541.7	567759.9	3045538.7	567761.9	3045540.3	567764.0	3045542.1
2315	567793.7	3045501.8	567774.5	3045485.7	567773.5	3045484.8	567769.6	3045481.6	567780.0	3045490.3
2316	567809.0	3045449.4	567789.1	3045432.6	567786.5	3045430.5	567782.3	3045427.0	567796.0	3045438.4
2317	567825.1	3045397.6	567802.8	3045378.9	567805.4	3045381.0	567797.5	3045374.4	567813.4	3045387.8
2318	567841.2	3045345.8	567815.8	3045324.5	567816.1	3045324.8	567812.4	3045321.7	567827.0	3045333.9
2319	567857.8	3045294.5	567830.3	3045271.4	567831.4	3045272.4	567827.2	3045268.8	567841.3	3045280.7
2320	567875.7	3045244.2	567843.1	3045216.9	567848.5	3045221.4	567841.2	3045215.3	567854.5	3045226.4
2321	567893.3	3045193.8	567855.6	3045162.1	567861.1	3045166.7	567855.2	3045161.8	567869.3	3045173.6
2322	567911.9	3045144.1	567868.4	3045107.6	567876.0	3045113.9	567865.6	3045105.2	567884.2	3045120.8
2323	567929.4	3045093.5	567881.2	3045053.1	567882.0	3045053.7	567883.0	3045054.6	567899.5	3045068.4
2324	567946.8	3045042.8	567894.5	3044998.9	567894.3	3044998.7	567900.0	3045003.6	567911.5	3045013.2
2325	567965.8	3044993.5	567910.4	3044947.0	567909.8	3044946.5	567916.8	3044952.3	567929.1	3044962.7
2326	567984.3	3044943.7	567927.0	3044895.6	567925.2	3044894.1	567930.6	3044898.6	567945.8	3044911.4
2327	568002.3	3044893.6	567941.9	3044842.9	567940.3	3044841.5	567950.0	3044849.7	567961.6	3044859.4
2328	568020.4	3044843.5	567958.0	3044791.1	567956.5	3044789.9	567962.7	3044795.1	567978.4	3044808.3
2329	568037.7	3044792.7	567975.9	3044740.8	567975.7	3044740.7	567983.1	3044746.9	567997.2	3044758.8
2330	568055.4	3044742.3	567992.0	3044689.1	567991.7	3044688.9	568003.5	3044698.8	568013.3	3044707.0
2331	568074.5	3044693.1	568009.7	3044638.7	568012.9	3044641.3	568020.7	3044647.9	568030.2	3044655.9
2332	568093.0	3044643.3	568027.8	3044588.6	568031.9	3044592.0	568034.3	3044594.1	568046.3	3044604.1
2333	568111.9	3044593.9	568045.1	3044537.9	568048.0	3044540.3	568050.0	3044541.9	568063.0	3044552.9
2334	568131.1	3044544.8	568062.1	3044486.8	568065.4	3044489.6	568067.5	3044491.4	568080.9	3044502.6
2335	568150.0	3044495.3	568080.4	3044437.0	568083.5	3044439.6	568085.1	3044440.9	568100.1	3044453.4
2336	568167.4	3044444.7	568098.8	3044387.1	568105.0	3044392.3	568104.7	3044392.1	568120.8	3044405.6
2337	568185.3	3044394.4	568119.4	3044339.1	568123.8	3044342.8	568127.4	3044345.8	568140.5	3044356.9
2338	568203.4	3044344.3	568142.1	3044292.9	568140.1	3044291.2	568149.6	3044299.2	568160.6	3044308.4
2339	568221.6	3044294.3	568158.3	3044241.2	568156.9	3044240.0	568169.6	3044250.7	568181.4	3044260.6
2340	568242.9	3044246.9	568176.1	3044190.9	568178.3	3044192.7	568187.0	3044200.0	568201.1	3044211.8
2341	568266.2	3044201.3	568195.8	3044142.2	568202.9	3044148.1	568207.0	3044151.6	568218.8	3044161.5
2342	568292.7	3044158.2	568217.7	3044095.2	568224.6	3044101.0	568227.9	3044103.8	568239.6	3044113.6
2343	568320.9	3044116.6	568237.1	3044046.3	568246.0	3044053.7	568249.2	3044056.4	568259.3	3044064.9
2344	568348.5	3044074.5	568255.4	3043996.4	568265.7	3044005.0	568268.5	3044007.3	568279.5	3044016.6
2345	568369.0	3044026.4	568275.4	3043947.9	568286.1	3043956.8	568285.3	3043956.2	568301.9	3043970.1
2346	568383.7	3043973.5	568295.5	3043899.5	568304.9	3043907.4	568305.3	3043907.6	568323.4	3043922.9
2347	568383.7	3043908.2	568315.9	3043851.3	568324.2	3043858.3	568324.9	3043858.8	568343.6	3043874.5
2348	568389.8	3043848.1	568336.9	3043803.7	568348.9	3043813.7	568346.3	3043811.6	568362.6	3043825.2
2349	568299.0	3043706.6	568357.8	3043755.9	568366.9	3043763.6	568365.3	3043762.2	568384.0	3043777.9
2350	568301.3	3043643.3	568377.0	3043706.8	568384.6	3043713.2	568387.5	3043715.5	568404.5	3043729.8
2351	568313.3	3043588.1	568395.4	3043656.9	568401.7	3043662.2	568408.1	3043667.6	568423.7	3043680.7
2352	568325.3	3043532.8	568413.9	3043607.2	568419.4	3043611.8	568431.7	3043622.1	568444.8	3043633.1

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2353	2.7	2.0	1.7	1.4	0.5	0.6	0.6	0.8	0.7	0.6
2354	2.8	2.2	1.8	1.5	0.7	0.6	0.7	0.5	0.7	0.8
2355	3.0	2.4	1.8	1.6	0.8	0.5	0.7	0.2	0.7	1.0
2356	3.2	2.5	1.9	1.7	0.9	0.5	0.7	0.2	0.7	1.0
2357	3.3	2.6	2.0	1.8	1.0	0.6	0.8	0.3	0.7	0.9
2358	3.0	2.4	2.0	1.6	1.1	0.8	0.8	0.6	0.6	0.7
2359	2.6	2.2	1.8	1.5	1.3	0.8	0.8	0.4	0.6	0.7
2360	2.5	2.2	1.7	1.5	1.3	0.8	0.8	0.4	0.7	0.9
2361	2.6	2.1	1.8	1.5	0.9	0.9	0.8	0.9	0.8	0.8
2362	2.6	2.1	1.8	1.5	1.0	0.9	0.9	0.8	0.8	0.8
2363	2.4	2.1	1.7	1.5	1.4	1.0	0.9	0.6	0.7	0.7
2364	2.3	2.1	1.8	1.5	1.8	1.2	1.0	0.7	0.6	0.6
2365	2.4	2.2	1.8	1.5	1.8	1.1	1.0	0.5	0.7	0.8
2366	2.3	2.2	1.8	1.5	1.8	1.2	1.0	0.6	0.7	0.8
2367	2.3	2.1	1.8	1.5	1.9	1.4	1.1	0.9	0.8	0.7
2368	2.2	2.0	1.8	1.6	1.6	1.5	1.1	1.3	1.0	0.7
2369	2.1	2.2	1.9	1.6	2.3	1.6	1.3	1.0	0.9	0.8
2370	2.1	2.2	2.0	1.6	2.5	1.8	1.3	1.1	0.9	0.7
2371	2.0	2.3	1.9	1.7	2.9	1.8	1.4	0.8	0.9	0.9
2372	1.9	2.3	1.9	1.7	3.2	1.9	1.5	0.6	0.8	1.0
2373	1.8	2.4	1.9	1.6	3.7	1.9	1.5	0.3	0.7	1.0
2374	1.9	2.4	1.9	1.6	3.6	1.9	1.5	0.4	0.7	0.9
2375	1.9	2.2	1.9	1.6	3.0	2.0	1.5	1.0	0.9	0.8
2376	1.8	2.2	1.9	1.6	3.3	2.0	1.5	0.9	0.8	0.7
2377	1.7	2.3	1.9	1.6	3.7	2.1	1.6	0.7	0.7	0.8
2378	1.6	2.2	1.9	1.6	3.6	2.2	1.6	0.9	0.9	0.9
2379	1.5	2.2	1.8	1.6	3.7	2.2	1.6	0.8	0.9	0.9
2380	1.4	2.1	1.8	1.5	3.8	2.2	1.6	0.7	0.8	0.9
2381	1.2	2.1	1.7	1.5	4.0	2.3	1.7	0.7	0.8	0.8
2382	1.2	2.0	1.8	1.5	3.9	2.4	1.7	1.1	0.9	0.8
2383	1.2	1.9	1.8	1.6	3.7	2.4	1.8	1.2	1.1	1.0
2384	1.0	1.9	1.7	1.5	4.1	2.5	1.9	1.1	1.0	1.0
2385	1.1	1.9	1.7	1.5	3.7	2.4	1.8	1.2	1.0	0.9
2386	1.0	1.8	1.6	1.4	3.7	2.3	1.7	1.1	1.0	0.9
2387	0.9	1.8	1.6	1.4	3.8	2.4	1.7	1.0	0.9	0.8
2388	0.8	1.7	1.5	1.4	3.8	2.4	1.8	1.0	1.0	0.9
2389	0.7	1.6	1.5	1.4	3.8	2.4	1.8	1.2	1.1	1.0
2390	0.7	1.7	1.5	1.4	3.9	2.5	1.8	1.2	1.0	0.9
2391	0.5	1.7	1.5	1.4	4.4	2.7	1.9	1.1	1.0	0.9
2392	0.6	1.7	1.6	1.4	4.5	2.8	2.0	1.2	1.0	0.8
2393	0.6	1.7	1.6	1.4	4.4	2.9	2.0	1.5	1.1	0.8
2394	0.4	1.6	1.6	1.4	4.5	2.9	2.0	1.3	1.1	0.9
2395	0.3	1.6	1.5	1.3	4.6	2.8	2.0	1.2	1.0	0.9
2396	0.4	1.6	1.5	1.3	4.4	2.8	1.9	1.3	1.0	0.8
2397	0.4	1.6	1.6	1.4	4.4	2.9	2.0	1.5	1.1	0.7
2398	0.2	1.5	1.6	1.4	4.7	3.1	2.1	1.6	1.1	0.7
2399	0.1	1.5	1.5	1.3	4.7	3.1	2.1	1.6	1.1	0.7
2400	0.1	1.5	1.5	1.3	4.5	3.0	2.1	1.6	1.2	0.8
2401	0.0	1.4	1.5	1.3	4.6	3.1	2.2	1.7	1.2	0.8
2402	-0.2	1.4	1.5	1.3	5.1	3.4	2.4	1.8	1.3	0.9
2403	-0.3	1.3	1.5	1.4	5.1	3.4	2.4	1.9	1.4	1.1
2404	-0.1	1.3	1.4	1.4	4.6	3.1	2.3	1.7	1.5	1.3
2405	-0.1	1.2	1.4	1.3	4.3	3.0	2.3	1.9	1.5	1.3
2406	-0.3	1.1	1.3	1.3	4.3	3.1	2.4	1.9	1.6	1.4
2407	-0.4	1.2	1.2	1.3	4.7	3.0	2.4	1.5	1.6	1.6
2408	-0.5	1.1	1.2	1.3	4.8	3.1	2.5	1.6	1.6	1.6

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2353	568337.3	3043477.6	568432.6	3043557.6	568439.9	3043563.7	568453.3	3043575.0	568468.2	3043587.5
2354	568349.3	3043422.4	568451.1	3043507.9	568461.8	3043516.8	568470.5	3043524.1	568489.4	3043540.0
2355	568361.3	3043367.2	568469.8	3043458.3	568482.4	3043468.9	568486.2	3043472.0	568508.8	3043491.0
2356	568373.3	3043312.0	568489.0	3043409.1	568502.3	3043420.2	568505.1	3043422.7	568528.8	3043442.5
2357	568388.9	3043259.8	568507.1	3043359.1	568522.0	3043371.6	568527.6	3043376.3	568548.9	3043394.1
2358	568418.0	3043219.0	568525.1	3043308.9	568541.5	3043322.7	568551.0	3043330.6	568567.4	3043344.3
2359	568449.3	3043180.0	568543.1	3043258.7	568563.5	3043275.8	568569.4	3043280.7	568586.5	3043295.1
2360	568472.0	3043133.8	568562.7	3043209.9	568582.4	3043226.4	568589.5	3043232.4	568609.3	3043249.0
2361	568488.0	3043081.9	568582.2	3043161.0	568595.5	3043172.1	568610.8	3043185.0	568628.4	3043199.8
2362	568508.6	3043033.9	568601.7	3043112.0	568616.6	3043124.5	568629.5	3043135.4	568648.9	3043151.7
2363	568532.4	3042988.6	568619.4	3043061.6	568641.4	3043080.1	568651.3	3043088.4	568668.5	3043102.8
2364	568554.9	3042942.3	568636.0	3043010.3	568663.0	3043033.0	568674.8	3043042.9	568688.7	3043054.5
2365	568569.8	3042889.5	568656.0	3042961.8	568682.9	3042984.4	568692.1	3042992.1	568710.4	3043007.5
2366	568591.6	3042842.5	568674.7	3042912.2	568701.8	3042935.0	568712.4	3042943.9	568730.8	3042959.3
2367	568610.8	3042793.3	568691.8	3042861.3	568720.8	3042885.6	568735.4	3042897.9	568751.4	3042911.3
2368	568628.7	3042743.1	568707.2	3042809.0	568731.9	3042829.7	568754.2	3042848.4	568770.5	3042862.1
2369	568646.0	3042692.3	568723.1	3042757.1	568757.7	3042786.1	568774.6	3042800.3	568792.9	3042815.6
2370	568663.7	3042642.0	568739.7	3042705.7	568778.4	3042738.2	568796.3	3042753.2	568813.5	3042767.7
2371	568682.7	3042592.6	568755.8	3042654.0	568799.7	3042690.8	568813.3	3042702.2	568834.9	3042720.3
2372	568702.8	3042544.2	568771.6	3042602.0	568821.3	3042643.6	568831.3	3042652.0	568854.1	3042671.1
2373	568723.5	3042496.3	568789.4	3042551.6	568845.8	3042598.9	568850.2	3042602.6	568873.5	3042622.1
2374	568743.9	3042448.1	568810.7	3042504.2	568865.5	3042550.2	568871.7	3042555.3	568893.2	3042573.5
2375	568764.5	3042400.2	568832.0	3042456.8	568878.4	3042495.7	568895.4	3042510.0	568914.9	3042526.4
2376	568787.7	3042354.3	568851.8	3042408.1	568901.7	3042450.0	568917.2	3042463.0	568933.5	3042476.7
2377	568804.0	3042302.8	568865.3	3042354.2	568922.1	3042401.9	568934.1	3042411.9	568951.7	3042426.7
2378	568821.2	3042251.9	568879.2	3042300.6	568933.8	3042346.4	568948.5	3042358.8	568968.9	3042375.9
2379	568839.2	3042201.8	568893.7	3042247.5	568949.9	3042294.7	568963.6	3042306.1	568984.4	3042323.6
2380	568861.2	3042155.0	568910.3	3042196.2	568968.9	3042245.3	568980.7	3042255.2	569001.3	3042272.5
2381	568882.4	3042107.5	568927.1	3042145.0	568988.3	3042196.3	569000.5	3042206.5	569019.6	3042222.6
2382	568900.1	3042057.0	568943.9	3042093.8	569003.9	3042144.2	569021.5	3042158.9	569039.5	3042174.0
2383	568917.7	3042006.6	568960.4	3042042.4	569016.8	3042089.7	569037.5	3042107.1	569060.0	3042125.9
2384	568937.0	3041957.5	568972.6	3041987.4	569035.8	3042040.4	569054.3	3042055.9	569076.8	3042074.7
2385	568956.8	3041908.8	568995.2	3041941.1	569051.7	3041988.4	569071.7	3042005.2	569092.5	3042022.6
2386	568978.3	3041861.6	569015.2	3041892.6	569071.2	3041939.6	569088.9	3041954.4	569109.8	3041971.9
2387	569000.3	3041814.7	569032.4	3041841.7	569091.1	3041891.0	569108.5	3041905.6	569128.0	3041921.9
2388	569022.0	3041767.7	569049.5	3041790.8	569108.2	3041840.0	569125.7	3041854.7	569146.9	3041872.5
2389	569040.6	3041718.1	569066.4	3041739.7	569123.8	3041787.9	569143.4	3041804.3	569166.0	3041823.3
2390	569059.2	3041668.4	569084.1	3041689.3	569144.3	3041739.8	569164.3	3041756.6	569184.5	3041773.5
2391	569077.2	3041618.2	569096.8	3041634.7	569164.1	3041691.1	569182.0	3041706.1	569202.1	3041723.1
2392	569091.2	3041564.7	569111.3	3041581.6	569179.8	3041639.1	569199.9	3041655.9	569219.3	3041672.2
2393	569105.9	3041511.8	569125.9	3041528.5	569193.0	3041584.8	569218.0	3041605.8	569236.1	3041621.0
2394	569123.8	3041461.5	569138.3	3041473.7	569208.0	3041532.1	569229.8	3041550.5	569250.0	3041567.4
2395	569141.6	3041411.2	569153.2	3041420.9	569223.8	3041480.1	569243.9	3041497.0	569264.6	3041514.3
2396	569155.6	3041357.6	569171.2	3041370.8	569238.2	3041427.0	569259.6	3041444.9	569278.4	3041460.7
2397	569169.0	3041303.6	569182.9	3041315.2	569250.8	3041372.3	569275.6	3041393.1	569293.0	3041407.7
2398	569185.8	3041252.4	569193.1	3041258.6	569265.2	3041319.0	569292.7	3041342.2	569309.4	3041356.1
2399	569202.1	3041200.9	569207.1	3041205.0	569279.4	3041265.7	569306.2	3041288.2	569323.6	3041302.8
2400	569217.4	3041148.4	569222.3	3041152.6	569291.9	3041210.9	569319.0	3041233.7	569338.0	3041249.6
2401	569232.0	3041095.4	569233.1	3041096.4	569304.1	3041155.9	569333.3	3041180.4	569352.5	3041196.5
2402	569245.4	3041041.4	569237.6	3041034.8	569315.8	3041100.4	569346.2	3041126.0	569367.7	3041144.0
2403	569258.5	3040987.1	569248.1	3040978.3	569325.7	3041043.5	569357.5	3041070.1	569382.1	3041090.8
2404	569269.9	3040931.4	569265.4	3040927.6	569336.5	3040987.3	569365.2	3041011.4	569395.1	3041036.4
2405	569283.4	3040877.4	569278.6	3040873.4	569344.4	3040928.6	569375.6	3040954.8	569405.8	3040980.2
2406	569297.7	3040824.2	569288.5	3040816.5	569353.9	3040871.3	569386.5	3040898.7	569419.7	3040926.6
2407	569313.1	3040771.9	569300.4	3040761.2	569372.6	3040821.8	569398.0	3040843.0	569435.6	3040874.6
2408	569328.8	3040719.7	569311.9	3040705.5	569385.5	3040767.3	569412.4	3040789.9	569449.7	3040821.2

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2409	-0.5	1.1	1.2	1.3	4.8	3.2	2.5	1.8	1.7	1.6
2410	-0.5	1.1	1.3	1.3	4.7	3.2	2.5	1.9	1.7	1.5
2411	-0.5	1.0	1.3	1.3	4.6	3.3	2.5	2.0	1.7	1.5
2412	-0.5	1.1	1.3	1.3	4.9	3.3	2.6	1.8	1.7	1.6
2413	-0.5	1.2	1.3	1.4	5.2	3.3	2.6	1.6	1.6	1.6
2414	-0.6	1.2	1.2	1.3	5.5	3.3	2.6	1.3	1.5	1.6
2415	-0.6	1.2	1.2	1.3	5.7	3.3	2.6	1.1	1.4	1.7
2416	-0.6	1.2	1.2	1.3	5.4	3.3	2.6	1.3	1.5	1.7
2417	-0.6	1.1	1.2	1.4	5.2	3.2	2.6	1.4	1.7	1.9
2418	-0.6	1.1	1.2	1.4	5.1	3.2	2.7	1.4	1.7	1.9
2419	-0.6	1.1	1.2	1.4	5.1	3.3	2.7	1.6	1.7	1.8
2420	-0.6	1.1	1.2	1.3	5.0	3.2	2.6	1.6	1.7	1.8
2421	-0.7	1.1	1.2	1.4	5.3	3.4	2.7	1.7	1.7	1.8
2422	-0.8	1.1	1.3	1.4	5.5	3.5	2.8	1.8	1.8	1.8
2423	-0.8	1.1	1.2	1.4	5.6	3.6	2.8	1.8	1.8	1.8
2424	-0.8	1.1	1.3	1.4	5.6	3.6	2.8	1.8	1.8	1.8
2425	-0.8	1.1	1.3	1.4	5.5	3.6	2.7	1.9	1.7	1.6
2426	-0.6	1.2	1.3	1.4	5.4	3.6	2.6	1.9	1.6	1.4
2427	-0.6	1.2	1.4	1.4	5.4	3.5	2.7	1.9	1.6	1.4
2428	-0.6	1.2	1.4	1.4	5.5	3.6	2.7	1.8	1.6	1.5
2429	-0.5	1.3	1.4	1.4	5.4	3.5	2.7	1.8	1.6	1.5
2430	-0.4	1.2	1.4	1.4	5.1	3.4	2.6	1.9	1.7	1.5
2431	-0.2	1.2	1.4	1.4	4.5	3.2	2.5	1.9	1.7	1.5
2432	0.0	1.2	1.4	1.4	3.9	2.9	2.3	2.0	1.7	1.5
2433	0.2	1.2	1.4	1.4	3.6	2.7	2.2	1.9	1.6	1.4
2434	0.3	1.3	1.4	1.4	3.5	2.6	2.1	1.6	1.5	1.4
2435	0.4	1.3	1.3	1.4	3.5	2.4	2.0	1.3	1.5	1.6
2436	0.5	1.3	1.3	1.4	3.2	2.3	2.0	1.4	1.5	1.5
2437	0.7	1.2	1.4	1.4	2.6	2.2	1.8	1.8	1.6	1.4
2438	1.0	1.2	1.4	1.4	1.7	2.0	1.7	2.3	1.7	1.4
2439	1.3	1.2	1.5	1.5	1.1	1.7	1.6	2.4	1.8	1.4
2440	1.4	1.3	1.5	1.5	1.1	1.7	1.6	2.2	1.7	1.3
2441	1.4	1.4	1.5	1.5	1.3	1.7	1.5	2.1	1.6	1.3
2442	1.4	1.5	1.6	1.5	1.5	1.8	1.6	2.1	1.6	1.2
2443	1.6	1.6	1.7	1.5	1.5	1.7	1.4	1.9	1.4	1.1
2444										
2445										
2446										
2447										
2448	1.3	0.9	0.2	0.0	-0.1	-0.9	-0.7	-1.6	-0.9	-0.5
2449	0.7	0.4	0.0	-0.2	-0.3	-0.8	-0.7	-1.3	-0.9	-0.6
2450	0.2	0.0	-0.3	-0.4	-0.4	-0.8	-0.8	-1.1	-1.0	-0.9
2451	-0.1	-0.3	-0.5	-0.6	-0.7	-0.9	-0.9	-1.0	-1.0	-0.9
2452	-0.4	-0.5	-0.6	-0.8	-0.8	-0.9	-1.0	-1.1	-1.1	-1.1
2453	-0.8	-0.7	-0.9	-0.9	-0.5	-0.9	-1.0	-1.4	-1.2	-1.0
2454	-1.2	-0.9	-1.1	-1.0	-0.1	-0.9	-0.8	-1.6	-1.1	-0.7
2455	-1.4	-1.0	-1.1	-1.1	-0.3	-0.8	-0.9	-1.3	-1.1	-1.0
2456	-1.4	-1.1	-1.1	-1.1	-0.5	-0.8	-0.9	-1.1	-1.1	-1.1
2457	-1.3	-1.1	-1.0	-1.1	-0.7	-0.7	-0.9	-0.7	-1.0	-1.2
2458	-1.3	-1.1	-1.0	-1.1	-0.8	-0.7	-0.9	-0.5	-1.0	-1.3
2459	-1.2	-1.1	-0.9	-1.0	-0.8	-0.6	-0.9	-0.4	-0.9	-1.2
2460	-1.2	-1.1	-0.9	-1.0	-0.7	-0.5	-0.8	-0.3	-0.8	-1.2
2461	-1.3	-1.1	-0.9	-1.0	-0.7	-0.3	-0.7	0.0	-0.7	-1.2
2462	-1.4	-1.2	-0.8	-0.9	-0.9	-0.2	-0.7	0.4	-0.6	-1.3
2463	-1.4	-1.2	-0.8	-0.9	-0.8	-0.1	-0.6	0.5	-0.6	-1.2
2464	-1.4	-1.2	-0.8	-0.9	-0.8	-0.2	-0.6	0.4	-0.5	-1.2

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2409	569344.3	3040667.5	569325.8	3040651.9	569399.8	3040714.0	569429.2	3040738.7	569466.2	3040769.7
2410	569359.6	3040615.0	569341.8	3040600.1	569413.5	3040660.2	569445.0	3040686.7	569480.4	3040716.4
2411	569374.9	3040562.6	569357.7	3040548.1	569428.5	3040607.6	569462.5	3040636.1	569496.3	3040664.5
2412	569391.4	3040511.2	569372.1	3040495.0	569447.7	3040558.4	569477.7	3040583.6	569514.4	3040614.4
2413	569408.1	3040459.9	569388.4	3040443.4	569467.7	3040510.0	569493.7	3040531.8	569532.0	3040563.9
2414	569424.6	3040408.5	569402.7	3040390.1	569487.2	3040461.0	569508.5	3040478.9	569545.5	3040510.0
2415	569441.2	3040357.1	569418.1	3040337.8	569504.7	3040410.5	569523.1	3040425.9	569561.8	3040458.4
2416	569457.4	3040305.5	569434.7	3040286.4	569517.5	3040355.9	569538.8	3040373.8	569578.5	3040407.1
2417	569473.6	3040253.8	569452.4	3040236.0	569531.8	3040302.6	569555.2	3040322.3	569598.5	3040358.6
2418	569491.0	3040203.1	569470.3	3040185.8	569548.2	3040251.1	569572.3	3040271.4	569617.2	3040309.0
2419	569509.5	3040153.4	569486.5	3040134.1	569564.7	3040199.7	569590.8	3040221.6	569633.6	3040257.5
2420	569527.4	3040103.1	569505.7	3040084.9	569582.4	3040149.3	569609.2	3040171.8	569650.5	3040206.4
2421	569544.6	3040052.3	569520.1	3040031.8	569601.2	3040099.8	569628.9	3040123.0	569670.6	3040158.0
2422	569561.9	3040001.6	569534.3	3039978.4	569618.5	3040049.0	569647.8	3040073.6	569688.6	3040107.9
2423	569581.3	3039952.5	569550.9	3039927.1	569636.4	3039998.8	569666.2	3040023.8	569707.6	3040058.5
2424	569599.6	3039902.7	569569.6	3039877.5	569654.9	3039949.0	569685.3	3039974.5	569726.2	3040008.9
2425	569617.1	3039852.1	569590.1	3039829.4	569674.5	3039900.2	569705.5	3039926.2	569742.0	3039956.9
2426	569634.6	3039801.4	569611.7	3039782.2	569694.3	3039851.6	569725.8	3039878.0	569757.8	3039904.8
2427	569653.9	3039752.4	569632.4	3039734.3	569714.4	3039803.2	569745.9	3039829.6	569779.4	3039857.7
2428	569673.2	3039703.3	569651.1	3039684.8	569735.1	3039755.3	569765.8	3039781.0	569800.6	3039810.2
2429	569691.6	3039653.5	569673.1	3039637.9	569756.4	3039707.8	569785.8	3039732.5	569820.1	3039761.3
2430	569712.5	3039605.7	569697.6	3039593.3	569775.1	3039658.2	569806.4	3039684.6	569841.9	3039714.3
2431	569733.4	3039558.0	569725.4	3039551.3	569794.5	3039609.3	569827.0	3039636.5	569862.0	3039666.0
2432	569754.4	3039510.4	569755.9	3039511.6	569815.5	3039561.6	569848.3	3039589.2	569883.9	3039619.0
2433	569775.9	3039463.2	569781.6	3039467.9	569837.3	3039514.6	569869.4	3039541.6	569902.8	3039569.6
2434	569797.9	3039416.3	569808.3	3039425.1	569862.6	3039470.6	569890.0	3039493.6	569922.4	3039520.8
2435	569819.9	3039369.5	569834.6	3039381.9	569888.0	3039426.7	569910.2	3039445.3	569947.3	3039476.4
2436	569841.7	3039322.6	569860.4	3039338.2	569908.8	3039378.8	569933.0	3039399.1	569968.2	3039428.7
2437	569863.5	3039275.6	569887.7	3039295.9	569926.9	3039328.8	569957.8	3039354.7	569989.8	3039381.5
2438	569884.4	3039227.8	569918.8	3039256.7	569944.7	3039278.4	569982.8	3039310.4	570014.2	3039336.7
2439	569905.3	3039180.1	569950.5	3039218.0	569966.8	3039231.7	570006.6	3039265.1	570038.0	3039291.5
2440	569927.4	3039133.3	569976.3	3039174.4	569993.9	3039189.2	570031.5	3039220.7	570062.3	3039246.5
2441	569950.4	3039087.4	570001.3	3039130.1	570021.0	3039146.6	570055.7	3039175.7	570085.9	3039201.1
2442	569973.5	3039041.5	570025.3	3039085.0	570048.0	3039104.0	570083.0	3039133.3	570111.7	3039157.5
2443	569996.5	3038995.5	570054.7	3039044.3	570077.1	3039063.2	570109.5	3039090.4	570134.7	3039111.5
2444	570025.2	3038923.8								
2445	570041.6	3038876.5								
2446	570057.9	3038829.2								
2447	570074.2	3038781.8								
2448	570090.5	3038734.5	570145.0	3038756.5	570143.4	3038755.9	570110.6	3038742.6	570095.9	3038736.7
2449	570106.8	3038687.2	570134.2	3038698.2	570129.2	3038696.2	570103.1	3038685.7	570084.5	3038678.1
2450	570122.8	3038639.7	570131.8	3038643.3	570123.6	3038640.0	570101.0	3038630.9	570074.8	3038620.3
2451	570136.9	3038591.5	570133.1	3038589.9	570120.3	3038584.7	570099.1	3038576.2	570072.0	3038565.2
2452	570151.1	3038543.3	570135.5	3038537.0	570121.4	3038531.3	570099.6	3038522.5	570068.0	3038509.7
2453	570166.9	3038495.7	570133.8	3038482.3	570125.4	3038479.0	570097.5	3038467.7	570067.0	3038455.4
2454	570183.9	3038448.7	570133.4	3038428.3	570130.8	3038427.2	570099.0	3038414.4	570076.9	3038405.4
2455	570200.0	3038401.2	570142.9	3038378.2	570137.9	3038376.2	570110.6	3038365.1	570082.0	3038353.6
2456	570215.4	3038353.5	570158.1	3038330.4	570149.2	3038326.8	570127.5	3038318.0	570094.1	3038304.5
2457	570230.9	3038305.8	570175.2	3038283.4	570162.4	3038278.2	570148.0	3038272.4	570111.1	3038257.5
2458	570245.4	3038257.8	570192.5	3038236.4	570177.8	3038230.5	570167.0	3038226.1	570129.5	3038210.9
2459	570259.7	3038209.6	570209.6	3038189.4	570194.1	3038183.1	570186.0	3038179.9	570148.8	3038164.8
2460	570275.2	3038162.0	570223.3	3038141.0	570209.4	3038135.4	570204.1	3038133.2	570168.0	3038118.7
2461	570292.5	3038115.0	570236.6	3038092.5	570223.7	3038087.3	570224.1	3038087.4	570187.2	3038072.5
2462	570309.7	3038068.1	570251.6	3038044.6	570235.5	3038038.1	570243.9	3038041.5	570206.2	3038026.2
2463	570327.0	3038021.1	570269.3	3037997.8	570254.5	3037991.8	570263.7	3037995.5	570226.8	3037980.6
2464	570344.1	3037974.1	570286.9	3037951.0	570272.5	3037945.2	570280.3	3037948.3	570245.7	3037934.4

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2465	-1.4	-1.1	-0.8	-0.9	-0.6	-0.1	-0.6	0.3	-0.5	-1.2
2466	-1.4	-1.1	-0.7	-0.9	-0.5	0.0	-0.5	0.5	-0.5	-1.2
2467	-1.4	-1.2	-0.8	-0.8	-0.6	-0.1	-0.5	0.4	-0.5	-1.1
2468	-1.4	-1.1	-0.8	-0.8	-0.5	-0.1	-0.5	0.2	-0.5	-0.9
2469	-1.4	-1.2	-0.8	-0.9	-0.5	-0.2	-0.5	0.1	-0.5	-0.9
2470	-1.5	-1.2	-0.9	-0.9	-0.5	-0.3	-0.6	0.0	-0.6	-0.9
2471	-1.5	-1.2	-0.9	-0.9	-0.6	-0.3	-0.6	-0.1	-0.6	-0.9
2472	-1.4	-1.2	-0.9	-0.9	-0.8	-0.3	-0.6	0.1	-0.5	-0.9
2473	-1.4	-1.2	-0.9	-0.9	-0.9	-0.4	-0.6	0.0	-0.5	-0.9
2474	-1.2	-1.1	-0.9	-0.9	-0.9	-0.5	-0.6	-0.1	-0.5	-0.8
2475	-1.1	-1.1	-0.9	-0.8	-1.1	-0.6	-0.6	-0.1	-0.5	-0.7
2476	-1.1	-1.2	-0.8	-0.8	-1.5	-0.6	-0.6	0.2	-0.3	-0.7
2477	-1.0	-1.2	-0.8	-0.8	-1.8	-0.6	-0.6	0.4	-0.2	-0.6
2478	-1.0	-1.2	-0.8	-0.8	-1.8	-0.6	-0.6	0.4	-0.2	-0.6
2479	-0.9	-1.2	-0.8	-0.7	-1.8	-0.7	-0.6	0.3	-0.2	-0.5
2480	-0.9	-1.2	-0.8	-0.7	-1.7	-0.7	-0.6	0.3	-0.2	-0.5
2481	-0.8	-1.1	-0.8	-0.7	-1.8	-0.8	-0.6	0.1	-0.2	-0.4
2482	-0.8	-1.1	-0.8	-0.7	-1.7	-0.8	-0.6	0.0	-0.2	-0.3
2483	-0.8	-1.0	-0.8	-0.7	-1.5	-0.9	-0.6	-0.2	-0.3	-0.4
2484	-0.7	-0.9	-0.8	-0.7	-1.5	-0.9	-0.7	-0.4	-0.4	-0.4
2485	-0.6	-0.9	-0.8	-0.7	-1.5	-1.0	-0.7	-0.6	-0.5	-0.4
2486	-0.6	-0.8	-0.9	-0.7	-1.4	-1.2	-0.7	-1.0	-0.4	0.0
2487	-0.6	-0.8	-0.9	-0.7	-1.2	-1.2	-0.7	-1.1	-0.5	0.0
2488	-0.6	-0.8	-0.8	-0.6	-1.2	-1.1	-0.6	-1.1	-0.4	0.0
2489	-0.6	-0.9	-0.8	-0.6	-1.5	-1.1	-0.6	-0.8	-0.3	0.0
2490	-0.6	-0.9	-0.8	-0.6	-1.7	-1.1	-0.6	-0.5	-0.2	0.0
2491	-0.6	-1.1	-0.8	-0.6	-2.0	-1.1	-0.6	-0.1	-0.1	0.0
2492	-0.6	-1.1	-0.8	-0.6	-2.0	-1.1	-0.6	-0.2	-0.1	0.0
2493	-0.7	-1.0	-0.8	-0.6	-1.8	-1.0	-0.6	-0.3	-0.1	0.0
2494	-0.7	-1.0	-0.9	-0.6	-1.7	-1.1	-0.6	-0.6	-0.2	0.1
2495	-0.7	-1.0	-0.9	-0.6	-1.5	-1.1	-0.6	-0.7	-0.2	0.1
2496	-0.7	-0.9	-0.9	-0.6	-1.4	-1.1	-0.6	-0.8	-0.3	0.1
2497	-0.7	-0.8	-0.9	-0.6	-1.2	-1.1	-0.6	-1.1	-0.4	0.2
2498	-0.8	-0.7	-0.9	-0.6	-0.7	-1.1	-0.5	-1.5	-0.5	0.2
2499	-0.7	-0.7	-0.9	-0.6	-0.7	-1.1	-0.5	-1.5	-0.5	0.3
2500	-0.7	-0.7	-0.9	-0.6	-0.8	-1.1	-0.6	-1.5	-0.5	0.2
2501	-0.6	-0.7	-0.8	-0.6	-1.0	-1.1	-0.6	-1.3	-0.4	0.1
2502	-0.6	-0.7	-0.9	-0.6	-0.9	-1.2	-0.6	-1.4	-0.4	0.3
2503	-0.6	-0.6	-0.9	-0.6	-0.5	-1.2	-0.6	-1.9	-0.6	0.3
2504	-0.5	-0.4	-0.9	-0.5	-0.2	-1.3	-0.5	-2.3	-0.7	0.4
2505	-0.4	-0.3	-0.8	-0.5	0.0	-1.3	-0.5	-2.4	-0.7	0.5
2506	-0.3	-0.2	-0.8	-0.4	0.0	-1.2	-0.5	-2.3	-0.7	0.4
2507	-0.2	-0.1	-0.7	-0.4	0.1	-1.2	-0.5	-2.3	-0.7	0.3
2508	-0.1	-0.1	-0.7	-0.4	0.1	-1.3	-0.5	-2.6	-0.8	0.5
2509	-0.1	0.0	-0.7	-0.4	0.2	-1.4	-0.5	-2.9	-0.8	0.6
2510	0.0	0.1	-0.7	-0.4	0.2	-1.4	-0.6	-2.8	-0.9	0.5
2511	0.0	0.1	-0.6	-0.3	0.2	-1.3	-0.6	-2.6	-0.8	0.4
2512	0.0	0.1	-0.6	-0.3	0.3	-1.2	-0.5	-2.7	-0.8	0.5
2513	0.0	0.0	-0.6	-0.3	0.1	-1.2	-0.5	-2.4	-0.7	0.4
2514	0.0	0.0	-0.6	-0.4	0.0	-1.2	-0.6	-2.2	-0.7	0.2
2515	0.0	-0.1	-0.5	-0.3	-0.2	-1.1	-0.6	-2.0	-0.7	0.2
2516	0.1	0.0	-0.5	-0.4	-0.2	-1.0	-0.6	-1.8	-0.7	0.0
2517	0.1	0.0	-0.5	-0.4	-0.2	-1.1	-0.6	-2.0	-0.8	0.0
2518	0.1	0.1	-0.5	-0.3	0.0	-1.1	-0.6	-2.2	-0.9	0.0
2519	0.2	0.1	-0.5	-0.4	0.0	-1.1	-0.7	-2.2	-0.9	0.0
2520	0.2	0.1	-0.5	-0.4	0.0	-1.2	-0.7	-2.4	-0.9	0.1

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2465	570360.8	3037926.9	570302.6	3037903.4	570291.9	3037899.1	570298.8	3037901.9	570264.4	3037888.0
2466	570377.6	3037879.8	570318.8	3037856.0	570309.2	3037852.2	570318.5	3037855.9	570282.6	3037841.4
2467	570394.3	3037832.6	570335.3	3037808.8	570324.9	3037804.6	570332.9	3037807.8	570300.9	3037794.9
2468	570411.8	3037785.8	570352.1	3037761.7	570342.9	3037757.9	570346.9	3037759.5	570319.0	3037748.3
2469	570431.1	3037739.6	570370.8	3037715.3	570360.8	3037711.2	570363.5	3037712.3	570335.9	3037701.1
2470	570450.3	3037693.5	570389.4	3037668.9	570379.9	3037665.0	570379.0	3037664.7	570351.3	3037653.4
2471	570468.7	3037647.0	570407.3	3037622.2	570396.4	3037617.7	570395.1	3037617.2	570367.4	3037606.0
2472	570484.3	3037599.3	570425.3	3037575.5	570410.8	3037569.6	570412.4	3037570.3	570386.1	3037559.7
2473	570499.9	3037551.7	570443.4	3037528.9	570427.4	3037522.4	570428.4	3037522.8	570402.1	3037512.2
2474	570514.1	3037503.5	570462.6	3037482.7	570446.3	3037476.1	570444.0	3037475.2	570420.3	3037465.6
2475	570527.9	3037455.2	570481.7	3037436.5	570460.6	3037428.0	570459.0	3037427.3	570437.9	3037418.8
2476	570543.3	3037407.5	570499.6	3037389.8	570472.6	3037378.9	570477.0	3037380.7	570457.0	3037372.6
2477	570559.5	3037360.1	570517.5	3037343.1	570484.5	3037329.8	570493.6	3037333.4	570475.0	3037326.0
2478	570575.8	3037312.7	570535.5	3037296.5	570502.2	3037283.0	570511.1	3037286.6	570492.9	3037279.3
2479	570592.2	3037265.4	570553.4	3037249.8	570520.8	3037236.6	570527.5	3037239.3	570511.4	3037232.8
2480	570608.6	3037218.1	570571.7	3037203.2	570539.3	3037190.2	570544.5	3037192.2	570530.1	3037186.4
2481	570625.3	3037171.0	570590.1	3037156.7	570557.4	3037143.5	570559.3	3037144.3	570548.1	3037139.8
2482	570642.5	3037124.0	570607.1	3037109.7	570575.5	3037096.9	570576.1	3037097.2	570566.0	3037093.1
2483	570659.7	3037077.0	570626.4	3037063.6	570598.1	3037052.1	570593.0	3037050.1	570582.3	3037045.7
2484	570675.7	3037029.5	570646.3	3037017.7	570618.7	3037006.5	570611.3	3037003.5	570600.7	3036999.3
2485	570691.2	3036981.9	570664.8	3036971.2	570637.3	3036960.1	570625.9	3036955.5	570614.4	3036950.9
2486	570706.9	3036934.3	570680.9	3036923.8	570655.9	3036913.7	570635.8	3036905.6	570635.0	3036905.3
2487	570722.6	3036886.7	570696.7	3036876.3	570674.2	3036867.2	570651.2	3036857.9	570649.9	3036857.3
2488	570738.6	3036839.3	570714.0	3036829.3	570692.0	3036820.4	570670.4	3036811.7	570669.7	3036811.4
2489	570755.6	3036792.2	570731.7	3036782.6	570704.0	3036771.3	570688.3	3036765.0	570687.8	3036764.8
2490	570772.7	3036745.2	570747.4	3036734.9	570715.6	3036722.1	570706.5	3036718.4	570706.5	3036718.4
2491	570790.2	3036698.3	570764.8	3036688.0	570726.8	3036672.7	570724.0	3036671.6	570724.2	3036671.7
2492	570807.8	3036651.5	570780.8	3036640.6	570744.4	3036625.9	570739.6	3036624.0	570740.3	3036624.2
2493	570825.7	3036604.8	570797.1	3036593.3	570763.3	3036579.6	570758.1	3036577.5	570758.6	3036577.7
2494	570843.8	3036558.2	570814.3	3036546.3	570783.7	3036533.9	570771.2	3036528.9	570774.7	3036530.3
2495	570861.9	3036511.6	570832.4	3036499.7	570804.0	3036488.2	570789.5	3036482.3	570792.1	3036483.4
2496	570879.8	3036464.9	570850.7	3036453.1	570824.1	3036442.4	570807.4	3036435.7	570811.2	3036437.2
2497	570897.7	3036418.2	570868.4	3036406.3	570847.0	3036397.7	570823.9	3036388.4	570829.3	3036390.6
2498	570915.4	3036371.4	570884.0	3036358.7	570871.7	3036353.8	570842.2	3036341.8	570849.1	3036344.6
2499	570932.7	3036324.5	570902.2	3036312.2	570889.9	3036307.2	570858.6	3036294.5	570866.2	3036297.6
2500	570949.3	3036277.3	570921.7	3036266.1	570907.8	3036260.5	570877.6	3036248.3	570883.7	3036250.8
2501	570965.9	3036230.0	570941.4	3036220.2	570923.4	3036212.9	570897.8	3036202.5	570901.6	3036204.1
2502	570984.5	3036183.6	570959.9	3036173.7	570942.6	3036166.7	570913.4	3036154.9	570921.5	3036158.2
2503	571003.8	3036137.5	570979.3	3036127.6	570969.5	3036123.6	570932.0	3036108.5	570940.6	3036112.0
2504	571018.7	3036089.6	570998.0	3036081.2	570994.1	3036079.7	570948.4	3036061.2	570960.5	3036066.1
2505	571033.0	3036041.5	571015.9	3036034.5	571015.2	3036034.3	570965.7	3036014.2	570979.2	3036019.7
2506	571047.6	3035993.4	571033.7	3035987.8	571033.1	3035987.6	570985.8	3035968.5	570998.7	3035973.7
2507	571063.4	3035945.9	571053.3	3035941.8	571054.5	3035942.3	571007.7	3035923.4	571017.5	3035927.3
2508	571079.2	3035898.3	571073.2	3035895.9	571075.8	3035897.0	571022.8	3035875.5	571036.6	3035881.1
2509	571094.7	3035850.7	571092.2	3035849.6	571096.6	3035851.4	571037.8	3035827.7	571054.7	3035834.5
2510	571109.9	3035802.9	571109.3	3035802.7	571113.9	3035804.5	571056.6	3035781.3	571070.6	3035787.0
2511	571125.1	3035755.1	571125.8	3035755.4	571130.0	3035757.1	571076.9	3035735.6	571087.8	3035740.0
2512	571140.7	3035707.5	571138.8	3035706.7	571144.5	3035709.0	571090.4	3035687.1	571104.6	3035692.9
2513	571156.3	3035659.9	571154.7	3035659.2	571156.5	3035659.9	571107.5	3035640.1	571119.1	3035644.8
2514	571172.0	3035612.3	571170.9	3035611.8	571170.1	3035611.5	571125.6	3035593.5	571132.9	3035596.5
2515	571187.0	3035564.4	571187.0	3035564.4	571183.6	3035563.0	571144.2	3035547.1	571149.1	3035549.1
2516	571200.7	3035516.0	571203.0	3035516.9	571199.4	3035515.5	571163.0	3035500.8	571162.0	3035500.4
2517	571214.3	3035467.6	571218.6	3035469.3	571215.8	3035468.2	571175.1	3035451.7	571175.7	3035452.0
2518	571227.7	3035419.0	571232.9	3035421.2	571232.7	3035421.1	571188.7	3035403.3	571189.7	3035403.7
2519	571241.2	3035370.6	571247.5	3035373.1	571247.9	3035373.3	571203.4	3035355.3	571201.9	3035354.7
2520	571255.1	3035322.3	571262.2	3035325.2	571262.8	3035325.4	571213.8	3035305.6	571215.7	3035306.4

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2521	0.2	0.2	-0.5	-0.3	0.2	-1.2	-0.7	-2.5	-1.0	0.0
2522	0.2	0.2	-0.5	-0.3	0.3	-1.2	-0.6	-2.5	-1.0	0.1
2523	0.1	0.2	-0.4	-0.3	0.3	-1.1	-0.6	-2.3	-1.0	-0.1
2524	0.1	0.2	-0.5	-0.3	0.3	-1.1	-0.6	-2.4	-0.9	0.0
2525	0.1	0.2	-0.4	-0.3	0.4	-1.0	-0.6	-2.2	-1.0	-0.1
2526	0.1	0.1	-0.4	-0.3	0.2	-0.9	-0.6	-1.9	-0.9	-0.2
2527	0.1	0.1	-0.4	-0.3	0.1	-0.9	-0.5	-1.8	-0.7	0.0
2528	0.1	0.1	-0.4	-0.3	0.2	-0.9	-0.5	-1.9	-0.8	0.0
2529	0.1	0.1	-0.4	-0.3	0.2	-0.9	-0.5	-1.8	-0.7	0.0
2530	0.0	0.1	-0.4	-0.3	0.3	-0.9	-0.4	-1.9	-0.7	0.2
2531	-0.1	0.0	-0.4	-0.3	0.3	-0.8	-0.4	-1.8	-0.7	0.1
2532	-0.1	0.0	-0.4	-0.3	0.3	-0.7	-0.4	-1.7	-0.7	0.1
2533	-0.1	0.0	-0.4	-0.3	0.3	-0.8	-0.4	-1.8	-0.7	0.1
2534	-0.1	0.0	-0.4	-0.3	0.3	-0.8	-0.4	-1.8	-0.7	0.0
2535	0.0	0.1	-0.3	-0.3	0.3	-0.7	-0.4	-1.7	-0.7	-0.1
2536	0.1	0.1	-0.3	-0.2	0.3	-0.8	-0.4	-1.7	-0.7	0.0
2537	0.1	0.1	-0.3	-0.2	0.3	-0.7	-0.4	-1.6	-0.7	0.0
2538	0.0	0.1	-0.4	-0.2	0.3	-0.8	-0.4	-1.8	-0.6	0.1
2539	-0.1	0.1	-0.4	-0.2	0.5	-0.7	-0.3	-1.7	-0.6	0.1
2540	-0.1	0.1	-0.3	-0.2	0.4	-0.6	-0.3	-1.6	-0.6	0.1
2541	0.0	0.1	-0.4	-0.2	0.4	-0.7	-0.3	-1.7	-0.6	0.2
2542	0.0	0.1	-0.4	-0.2	0.5	-0.7	-0.3	-1.8	-0.6	0.2
2543	-0.1	0.2	-0.4	-0.2	0.7	-0.7	-0.3	-1.9	-0.7	0.2
2544	-0.1	0.2	-0.4	-0.2	0.8	-0.7	-0.3	-1.9	-0.7	0.2
2545	-0.1	0.2	-0.3	-0.2	0.8	-0.7	-0.3	-1.9	-0.7	0.1
2546	0.0	0.2	-0.3	-0.2	0.8	-0.7	-0.3	-1.9	-0.7	0.1
2547	-0.1	0.2	-0.3	-0.2	0.9	-0.6	-0.3	-2.0	-0.7	0.2
2548	0.0	0.3	-0.3	-0.2	0.9	-0.6	-0.3	-2.0	-0.7	0.2
2549	0.1	0.3	-0.2	-0.1	0.7	-0.7	-0.3	-1.9	-0.7	0.1
2550	0.3	0.3	-0.3	-0.1	0.5	-0.8	-0.4	-2.0	-0.7	0.2
2551	0.2	0.3	-0.3	-0.1	0.5	-0.8	-0.3	-2.0	-0.6	0.3
2552	0.2	0.3	-0.3	-0.1	0.5	-0.8	-0.3	-2.0	-0.6	0.3
2553	0.1	0.2	-0.3	-0.2	0.5	-0.7	-0.3	-1.8	-0.6	0.1
2554	0.0	0.2	-0.3	-0.2	0.4	-0.7	-0.4	-1.7	-0.7	0.0
2555	0.1	0.2	-0.4	-0.2	0.4	-0.8	-0.4	-2.0	-0.8	0.1
2556	0.1	0.2	-0.4	-0.3	0.4	-0.9	-0.5	-2.1	-0.8	0.0
2557	0.0	0.2	-0.4	-0.3	0.6	-0.9	-0.5	-2.2	-0.9	0.0
2558	-0.1	0.1	-0.5	-0.3	0.7	-0.9	-0.5	-2.4	-0.9	0.0
2559	-0.2	0.1	-0.5	-0.4	0.8	-0.8	-0.5	-2.3	-1.0	-0.2
2560	-0.2	0.1	-0.5	-0.4	0.9	-0.8	-0.5	-2.4	-1.0	-0.1
2561	-0.3	0.1	-0.5	-0.4	1.0	-0.7	-0.5	-2.3	-1.0	-0.1
2562	-0.3	0.1	-0.5	-0.4	1.0	-0.8	-0.5	-2.5	-1.0	0.0
2563	-0.3	0.0	-0.6	-0.4	0.8	-0.9	-0.5	-2.5	-1.0	0.1
2564	-0.3	-0.1	-0.6	-0.4	0.4	-1.0	-0.5	-2.2	-0.8	0.1
2565	-0.3	-0.1	-0.6	-0.4	0.3	-1.0	-0.5	-2.1	-0.8	0.1
2566	-0.3	-0.1	-0.6	-0.4	0.3	-0.9	-0.5	-2.0	-0.8	0.1
2567	-0.3	-0.1	-0.5	-0.4	0.5	-0.7	-0.4	-1.8	-0.8	-0.1
2568	-0.4	0.0	-0.5	-0.4	0.9	-0.5	-0.3	-1.8	-0.8	-0.1
2569	-0.4	0.0	-0.4	-0.3	1.0	-0.5	-0.3	-1.8	-0.8	0.0
2570	-0.3	0.1	-0.4	-0.3	0.9	-0.5	-0.3	-1.8	-0.7	0.0
2571	-0.2	0.1	-0.4	-0.3	0.8	-0.6	-0.3	-1.8	-0.8	0.0
2572	-0.2	0.1	-0.4	-0.3	0.7	-0.6	-0.3	-1.8	-0.7	0.0
2573	-0.3	0.0	-0.4	-0.3	0.6	-0.5	-0.3	-1.5	-0.7	-0.1
2574	-0.3	-0.1	-0.4	-0.3	0.4	-0.5	-0.3	-1.4	-0.6	-0.1
2575	-0.3	-0.1	-0.4	-0.3	0.4	-0.6	-0.3	-1.4	-0.6	0.0
2576	-0.3	-0.1	-0.5	-0.3	0.4	-0.7	-0.3	-1.7	-0.6	0.2

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2521	571269.0	3035274.0	571276.6	3035277.0	571280.1	3035278.4	571230.1	3035258.2	571231.2	3035258.7
2522	571283.4	3035225.9	571290.3	3035228.7	571296.4	3035231.1	571244.9	3035210.3	571246.5	3035211.0
2523	571297.9	3035177.8	571303.9	3035180.2	571309.5	3035182.5	571262.3	3035163.4	571260.5	3035162.7
2524	571312.4	3035129.7	571317.4	3035131.7	571323.4	3035134.2	571274.9	3035114.6	571276.0	3035115.0
2525	571326.9	3035081.7	571331.0	3035083.3	571338.5	3035086.3	571293.6	3035068.2	571289.6	3035066.6
2526	571343.4	3035034.4	571348.3	3035036.4	571352.1	3035037.9	571312.7	3035022.0	571307.1	3035019.7
2527	571360.1	3034987.2	571365.5	3034989.4	571367.1	3034990.1	571331.2	3034975.6	571330.2	3034975.2
2528	571377.8	3034940.4	571382.7	3034942.4	571385.5	3034943.5	571347.5	3034928.2	571347.0	3034928.0
2529	571396.1	3034893.9	571398.7	3034895.0	571402.2	3034896.4	571365.4	3034881.5	571366.5	3034882.0
2530	571414.2	3034847.3	571413.3	3034846.9	571418.8	3034849.1	571380.3	3034833.6	571384.9	3034835.5
2531	571430.5	3034800.0	571427.6	3034798.8	571433.5	3034801.2	571397.6	3034786.6	571399.7	3034787.5
2532	571446.6	3034752.5	571442.2	3034750.7	571448.2	3034753.2	571413.4	3034739.1	571415.3	3034739.9
2533	571461.4	3034704.6	571458.2	3034703.3	571463.2	3034705.3	571427.6	3034690.9	571430.5	3034692.1
2534	571476.2	3034656.6	571473.7	3034655.6	571478.5	3034657.6	571442.9	3034643.2	571443.6	3034643.5
2535	571487.7	3034607.3	571488.4	3034607.6	571493.8	3034609.8	571460.3	3034596.3	571458.1	3034595.4
2536	571499.4	3034558.2	571502.4	3034559.4	571507.4	3034561.4	571473.2	3034547.6	571473.3	3034547.6
2537	571513.9	3034510.1	571516.2	3034511.0	571521.0	3034513.0	571488.3	3034499.7	571488.2	3034499.7
2538	571528.5	3034462.1	571528.6	3034462.1	571534.7	3034464.6	571499.2	3034450.2	571502.4	3034451.5
2539	571543.5	3034414.2	571539.9	3034412.7	571548.7	3034416.3	571514.4	3034402.4	571517.1	3034403.5
2540	571558.2	3034366.2	571555.2	3034365.0	571563.5	3034368.4	571530.2	3034354.9	571532.7	3034355.9
2541	571572.8	3034318.2	571571.8	3034317.8	571578.5	3034320.5	571544.4	3034306.7	571549.2	3034308.6
2542	571587.8	3034270.3	571586.0	3034269.6	571595.6	3034273.5	571559.1	3034258.7	571565.1	3034261.1
2543	571603.1	3034222.6	571600.3	3034221.4	571612.7	3034226.4	571573.5	3034210.6	571579.3	3034213.0
2544	571618.4	3034174.8	571614.9	3034173.4	571628.8	3034179.0	571589.4	3034163.1	571594.2	3034165.1
2545	571633.5	3034127.0	571631.1	3034126.0	571645.0	3034131.6	571605.8	3034115.8	571609.8	3034117.4
2546	571649.1	3034079.4	571647.3	3034078.6	571661.2	3034084.3	571621.9	3034068.4	571626.1	3034070.1
2547	571664.7	3034031.8	571661.8	3034030.6	571677.7	3034037.0	571636.9	3034020.5	571643.7	3034023.3
2548	571678.1	3033983.2	571678.4	3033983.4	571694.5	3033989.9	571653.6	3033973.3	571660.9	3033976.3
2549	571692.1	3033935.0	571697.9	3033937.3	571711.6	3033942.8	571672.3	3033927.0	571675.6	3033928.3
2550	571707.2	3033887.1	571718.4	3033891.7	571727.4	3033895.3	571687.0	3033879.0	571694.3	3033881.9
2551	571724.3	3033840.1	571734.5	3033844.3	571743.1	3033847.7	571702.1	3033831.2	571712.1	3033835.2
2552	571742.4	3033793.5	571749.4	3033796.3	571758.6	3033800.0	571718.6	3033783.9	571727.6	3033787.5
2553	571761.3	3033747.2	571764.8	3033748.6	571774.1	3033752.4	571737.9	3033737.8	571741.9	3033739.4
2554	571780.1	3033700.9	571781.7	3033701.5	571790.0	3033704.9	571754.9	3033690.7	571755.9	3033691.1
2555	571796.6	3033653.6	571800.0	3033655.0	571807.4	3033658.0	571767.1	3033641.7	571769.3	3033642.6
2556	571814.6	3033607.0	571817.7	3033608.2	571825.7	3033611.5	571783.4	3033594.4	571784.1	3033594.7
2557	571833.7	3033560.8	571833.0	3033560.5	571844.4	3033565.1	571799.3	3033546.9	571799.5	3033546.9
2558	571853.3	3033514.8	571848.7	3033512.9	571862.3	3033518.4	571814.3	3033499.0	571814.8	3033499.2
2559	571872.8	3033468.7	571864.9	3033465.5	571880.6	3033471.9	571834.3	3033453.2	571829.7	3033451.3
2560	571891.4	3033422.3	571881.8	3033418.4	571899.4	3033425.5	571851.5	3033406.2	571847.4	3033404.5
2561	571910.5	3033376.1	571899.5	3033371.6	571918.4	3033379.3	571871.0	3033360.1	571866.8	3033358.4
2562	571930.4	3033330.2	571918.8	3033325.5	571938.1	3033333.3	571887.3	3033312.8	571886.0	3033312.3
2563	571950.2	3033284.3	571937.7	3033279.2	571952.2	3033285.1	571902.5	3033265.0	571904.5	3033265.8
2564	571968.7	3033237.8	571956.8	3033233.0	571964.4	3033236.1	571919.8	3033218.1	571923.2	3033219.4
2565	571987.1	3033191.3	571976.4	3033187.0	571982.6	3033189.5	571939.4	3033172.0	571941.3	3033172.8
2566	572005.2	3033144.7	571994.3	3033140.3	571999.2	3033142.3	571957.7	3033125.5	571960.6	3033126.7
2567	572022.5	3033097.8	572009.2	3033092.4	572018.3	3033096.1	571982.5	3033081.6	571979.6	3033080.4
2568	572038.9	3033050.5	572021.0	3033043.2	572037.7	3033050.0	572000.6	3033035.0	571998.6	3033034.2
2569	572053.9	3033002.6	572037.8	3032996.1	572056.1	3033003.5	572019.5	3032988.7	572018.2	3032988.2
2570	572069.7	3032955.1	572057.0	3032949.9	572073.6	3032956.6	572037.9	3032942.2	572037.2	3032941.9
2571	572086.3	3032907.8	572076.1	3032903.7	572090.9	3032909.7	572054.2	3032894.9	572053.3	3032894.5
2572	572103.3	3032860.8	572094.4	3032857.2	572108.1	3032862.7	572072.4	3032848.3	572072.3	3032848.3
2573	572121.0	3032814.0	572110.3	3032809.7	572121.5	3032814.2	572091.4	3032802.0	572087.5	3032800.5
2574	572139.3	3032767.5	572127.9	3032762.9	572134.9	3032765.7	572107.5	3032754.6	572104.8	3032753.5
2575	572157.8	3032721.0	572146.0	3032716.3	572152.7	3032719.0	572123.9	3032707.3	572122.9	3032706.9
2576	572174.5	3032673.9	572163.8	3032669.5	572170.6	3032672.3	572136.6	3032658.5	572141.1	3032660.4

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2577	-0.3	0.0	-0.4	-0.3	0.5	-0.6	-0.3	-1.5	-0.6	0.0
2578	-0.2	0.0	-0.4	-0.3	0.4	-0.6	-0.4	-1.5	-0.7	-0.2
2579	-0.2	0.0	-0.4	-0.3	0.4	-0.6	-0.4	-1.5	-0.7	-0.1
2580	-0.3	-0.1	-0.4	-0.3	0.6	-0.5	-0.3	-1.4	-0.7	-0.2
2581	-0.3	-0.1	-0.4	-0.3	0.5	-0.4	-0.3	-1.3	-0.6	-0.2
2582	-0.2	-0.1	-0.4	-0.3	0.3	-0.5	-0.4	-1.2	-0.6	-0.2
2583	-0.2	0.0	-0.3	-0.3	0.3	-0.6	-0.4	-1.3	-0.7	-0.3
2584	-0.2	0.0	-0.3	-0.3	0.4	-0.5	-0.3	-1.4	-0.6	-0.1
2585	-0.2	0.0	-0.4	-0.3	0.5	-0.5	-0.3	-1.4	-0.6	-0.1
2586	-0.2	0.0	-0.3	-0.3	0.4	-0.5	-0.3	-1.4	-0.6	-0.1
2587	-0.1	0.1	-0.3	-0.2	0.5	-0.4	-0.3	-1.3	-0.6	-0.2
2588	-0.1	0.1	-0.2	-0.3	0.6	-0.3	-0.3	-1.2	-0.7	-0.3
2589	-0.4	0.1	-0.3	-0.3	1.2	-0.2	-0.2	-1.4	-0.7	-0.2
2590	-0.4	0.0	-0.3	-0.3	1.1	-0.2	-0.2	-1.4	-0.7	-0.2
2591	-0.5	0.0	-0.3	-0.3	1.0	-0.2	-0.2	-1.2	-0.6	-0.2
2592	-0.5	0.0	-0.3	-0.3	1.1	-0.1	-0.1	-1.2	-0.6	-0.2
2593	-0.6	-0.1	-0.3	-0.3	1.1	0.0	-0.2	-1.1	-0.6	-0.3
2594	-0.6	-0.1	-0.3	-0.3	1.0	-0.1	-0.2	-1.1	-0.6	-0.3
2595	-0.6	-0.1	-0.4	-0.4	0.9	-0.1	-0.2	-1.0	-0.6	-0.3
2596	-0.6	-0.2	-0.3	-0.4	0.6	-0.1	-0.2	-0.8	-0.5	-0.4
2597	-0.5	-0.2	-0.3	-0.4	0.5	-0.1	-0.3	-0.6	-0.6	-0.5
2598	-0.4	-0.2	-0.3	-0.4	0.3	-0.1	-0.4	-0.5	-0.6	-0.7
2599	-0.4	-0.2	-0.3	-0.4	0.1	-0.3	-0.4	-0.6	-0.6	-0.5
2600	-0.4	-0.2	-0.3	-0.4	0.2	-0.3	-0.4	-0.7	-0.6	-0.5
2601	-0.4	-0.2	-0.3	-0.4	0.2	-0.3	-0.4	-0.7	-0.6	-0.5
2602	-0.4	-0.2	-0.4	-0.4	0.3	-0.4	-0.4	-1.0	-0.7	-0.4
2603	-0.4	-0.2	-0.4	-0.4	0.4	-0.5	-0.4	-1.3	-0.7	-0.3
2604	-0.4	-0.1	-0.4	-0.4	0.6	-0.5	-0.4	-1.4	-0.8	-0.4
2605	-0.5	-0.1	-0.5	-0.4	0.7	-0.5	-0.4	-1.7	-0.9	-0.3
2606	-0.5	-0.1	-0.5	-0.5	0.6	-0.6	-0.4	-1.7	-0.8	-0.2
2607	-0.5	-0.1	-0.5	-0.4	0.5	-0.6	-0.4	-1.5	-0.8	-0.2
2608	-0.5	-0.1	-0.5	-0.4	0.6	-0.5	-0.3	-1.5	-0.7	-0.1
2609	-0.6	-0.2	-0.4	-0.4	0.8	-0.2	-0.2	-1.2	-0.6	-0.2
2610	-0.6	-0.2	-0.4	-0.4	0.8	-0.2	-0.2	-1.2	-0.6	-0.3
2611	-0.7	-0.2	-0.4	-0.4	0.8	-0.2	-0.2	-1.1	-0.6	-0.3
2612	-0.6	-0.2	-0.4	-0.4	0.6	-0.2	-0.3	-1.0	-0.6	-0.4
2613	-0.7	-0.2	-0.4	-0.4	0.8	-0.1	-0.3	-0.9	-0.7	-0.5
2614	-0.7	-0.2	-0.3	-0.4	0.9	0.1	-0.2	-0.6	-0.6	-0.7
2615	-0.7	-0.2	-0.4	-0.4	0.8	0.0	-0.2	-0.8	-0.6	-0.5
2616	-0.7	-0.3	-0.3	-0.4	0.7	0.1	-0.2	-0.4	-0.5	-0.6
2617	-0.7	-0.3	-0.3	-0.4	0.6	0.2	-0.2	-0.2	-0.5	-0.6
2618	-0.6	-0.3	-0.2	-0.4	0.5	0.2	-0.2	-0.1	-0.5	-0.7
2619	-0.6	-0.3	-0.3	-0.4	0.5	0.1	-0.2	-0.3	-0.5	-0.7
2620	-0.7	-0.3	-0.3	-0.4	0.7	0.1	-0.2	-0.4	-0.6	-0.7
2621	-0.7	-0.3	-0.3	-0.4	0.8	0.2	-0.3	-0.3	-0.6	-0.8
2622	-0.8	-0.3	-0.4	-0.5	0.8	0.1	-0.2	-0.5	-0.6	-0.7
2623	-0.9	-0.4	-0.4	-0.5	0.9	0.2	-0.2	-0.5	-0.6	-0.6
2624	-0.9	-0.4	-0.4	-0.5	0.8	0.1	-0.2	-0.5	-0.6	-0.6
2625	-0.8	-0.3	-0.3	-0.4	0.7	0.2	-0.2	-0.2	-0.5	-0.8
2626	-0.9	-0.4	-0.4	-0.5	0.7	0.2	-0.2	-0.4	-0.6	-0.7
2627	-0.9	-0.4	-0.4	-0.5	0.7	0.1	-0.2	-0.5	-0.6	-0.6
2628	-1.0	-0.4	-0.5	-0.5	0.7	0.0	-0.2	-0.6	-0.6	-0.6
2629	-1.0	-0.5	-0.5	-0.5	0.6	0.0	-0.3	-0.5	-0.6	-0.6
2630	-1.0	-0.5	-0.5	-0.6	0.5	-0.1	-0.3	-0.6	-0.6	-0.6
2631	-0.9	-0.4	-0.5	-0.5	0.7	-0.1	-0.3	-0.8	-0.7	-0.6
2632	-0.9	-0.4	-0.5	-0.5	0.7	-0.1	-0.3	-0.9	-0.7	-0.6

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2577	572191.1	3032626.6	572180.0	3032622.1	572188.4	3032625.5	572157.6	3032613.1	572157.1	3032612.9
2578	572207.5	3032579.3	572198.0	3032575.5	572205.6	3032578.6	572175.5	3032566.4	572170.9	3032564.5
2579	572224.1	3032532.1	572213.9	3032528.0	572222.1	3032531.3	572190.8	3032518.6	572187.6	3032517.3
2580	572241.6	3032485.2	572227.4	3032479.5	572237.8	3032483.7	572209.7	3032472.4	572204.3	3032470.2
2581	572257.4	3032437.7	572243.7	3032432.2	572252.9	3032435.9	572227.0	3032425.4	572220.5	3032422.8
2582	572272.4	3032389.8	572263.2	3032386.1	572267.9	3032388.0	572242.9	3032377.9	572237.8	3032375.8
2583	572286.9	3032341.8	572280.3	3032339.1	572285.4	3032341.2	572258.9	3032330.5	572251.3	3032327.4
2584	572302.7	3032294.2	572295.3	3032291.2	572302.8	3032294.3	572274.8	3032283.0	572271.5	3032281.6
2585	572320.2	3032247.4	572310.7	3032243.5	572319.2	3032247.0	572290.3	3032235.3	572286.7	3032233.9
2586	572335.0	3032199.4	572327.7	3032196.5	572335.1	3032199.4	572307.2	3032188.2	572303.8	3032186.8
2587	572348.7	3032151.0	572344.0	3032149.1	572354.0	3032153.2	572327.2	3032142.3	572322.2	3032140.3
2588	572364.9	3032103.7	572358.7	3032101.2	572370.5	3032105.9	572345.9	3032096.0	572337.2	3032092.5
2589	572384.8	3032057.8	572369.0	3032051.4	572390.3	3032060.0	572362.4	3032048.7	572355.5	3032045.9
2590	572404.7	3032011.9	572386.2	3032004.4	572406.9	3032012.8	572379.0	3032001.5	572373.0	3031999.1
2591	572422.2	3031965.0	572403.3	3031957.4	572421.8	3031964.9	572396.6	3031954.7	572389.4	3031951.8
2592	572438.5	3031917.7	572416.5	3031908.8	572436.5	3031916.9	572412.8	3031907.3	572406.9	3031904.9
2593	572455.8	3031870.8	572431.4	3031860.9	572451.3	3031868.9	572429.8	3031860.2	572421.1	3031856.7
2594	572473.5	3031824.0	572448.6	3031813.9	572467.9	3031821.7	572446.0	3031812.8	572436.8	3031809.2
2595	572491.5	3031777.3	572467.0	3031767.4	572483.4	3031774.0	572462.8	3031765.7	572452.8	3031761.7
2596	572509.8	3031730.8	572486.0	3031721.2	572497.6	3031725.9	572482.0	3031719.6	572470.5	3031714.9
2597	572528.1	3031684.2	572506.5	3031675.5	572515.9	3031679.3	572502.8	3031674.0	572486.8	3031667.6
2598	572546.2	3031637.6	572528.4	3031630.4	572533.4	3031632.4	572523.2	3031628.3	572503.6	3031620.4
2599	572563.9	3031590.9	572548.0	3031584.4	572550.2	3031585.3	572538.0	3031580.4	572521.7	3031573.8
2600	572581.1	3031543.9	572564.3	3031537.1	572567.7	3031538.5	572553.7	3031532.8	572538.3	3031526.6
2601	572598.1	3031496.8	572581.6	3031490.2	572585.7	3031491.8	572570.9	3031485.8	572555.9	3031479.8
2602	572615.5	3031449.9	572599.9	3031443.6	572605.7	3031446.0	572585.8	3031437.9	572572.8	3031432.7
2603	572636.2	3031404.4	572618.6	3031397.3	572626.5	3031400.4	572600.7	3031390.0	572590.6	3031386.0
2604	572655.4	3031358.2	572637.3	3031350.9	572647.6	3031355.0	572619.3	3031343.6	572607.5	3031338.9
2605	572674.1	3031311.8	572655.3	3031304.2	572669.1	3031309.8	572634.1	3031295.7	572625.5	3031292.2
2606	572692.7	3031265.4	572673.0	3031257.5	572684.2	3031262.0	572649.7	3031248.0	572643.0	3031245.3
2607	572708.0	3031217.7	572689.2	3031210.1	572699.1	3031214.1	572667.8	3031201.4	572661.0	3031198.7
2608	572722.7	3031169.7	572703.6	3031162.0	572715.6	3031166.8	572686.1	3031154.9	572682.3	3031153.4
2609	572741.5	3031123.4	572717.7	3031113.7	572732.3	3031119.6	572708.3	3031109.9	572701.4	3031107.1
2610	572761.1	3031077.3	572734.7	3031066.7	572749.9	3031072.8	572726.4	3031063.3	572718.8	3031060.2
2611	572780.7	3031031.3	572753.6	3031020.4	572768.3	3031026.3	572746.3	3031017.5	572738.2	3031014.2
2612	572800.2	3030985.3	572775.9	3030975.5	572787.3	3030980.1	572767.5	3030972.1	572756.2	3030967.5
2613	572819.3	3030939.1	572791.2	3030927.7	572806.7	3030934.0	572788.9	3030926.8	572773.4	3030920.5
2614	572838.1	3030892.7	572809.4	3030881.1	572825.4	3030887.6	572813.5	3030882.8	572793.2	3030874.6
2615	572856.3	3030846.2	572826.4	3030834.1	572841.7	3030840.3	572826.5	3030834.1	572811.9	3030828.2
2616	572874.2	3030799.5	572844.2	3030787.3	572857.4	3030792.7	572849.2	3030789.4	572830.7	3030781.9
2617	572892.0	3030752.7	572863.3	3030741.1	572874.6	3030745.7	572870.5	3030744.0	572851.9	3030736.5
2618	572910.6	3030706.3	572883.8	3030695.5	572893.4	3030699.4	572890.7	3030698.3	572870.0	3030689.9
2619	572929.9	3030660.2	572903.3	3030649.5	572913.4	3030653.5	572907.3	3030651.1	572887.0	3030642.9
2620	572950.2	3030614.5	572922.1	3030603.1	572934.8	3030608.2	572927.2	3030605.2	572905.8	3030596.5
2621	572971.5	3030569.2	572940.7	3030556.7	572955.4	3030562.7	572948.4	3030559.8	572923.5	3030549.8
2622	572993.5	3030524.1	572959.3	3030510.3	572974.9	3030516.6	572965.0	3030512.6	572943.3	3030503.8
2623	573016.6	3030479.5	572977.2	3030463.6	572994.4	3030470.6	572983.9	3030466.3	572964.9	3030458.6
2624	573037.5	3030434.0	572998.2	3030418.1	573013.6	3030424.4	573003.6	3030420.3	572984.3	3030412.6
2625	573051.2	3030385.7	573017.4	3030372.0	573030.6	3030377.3	573026.1	3030375.5	573003.4	3030366.3
2626	573073.3	3030340.7	573036.1	3030325.6	573049.8	3030331.1	573042.0	3030328.0	573022.1	3030320.0
2627	573095.5	3030295.7	573057.2	3030280.2	573070.7	3030285.7	573060.4	3030281.5	573041.8	3030274.0
2628	573116.3	3030250.2	573076.5	3030234.1	573090.1	3030239.6	573077.4	3030234.5	573059.8	3030227.3
2629	573137.5	3030204.8	573097.9	3030188.8	573109.7	3030193.6	573099.3	3030189.4	573080.7	3030181.9
2630	573160.6	3030160.2	573120.3	3030143.9	573129.9	3030147.8	573117.1	3030142.6	573098.4	3030135.1
2631	573178.7	3030113.6	573140.4	3030098.1	573152.9	3030103.2	573136.4	3030096.5	573119.8	3030089.8
2632	573197.0	3030067.0	573160.1	3030052.1	573173.5	3030057.6	573156.1	3030050.6	573139.6	3030043.9

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2633	-0.9	-0.4	-0.5	-0.5	0.7	0.0	-0.3	-0.7	-0.7	-0.7
2634	-0.9	-0.4	-0.4	-0.5	0.7	0.1	-0.3	-0.4	-0.7	-0.8
2635	-1.0	-0.5	-0.5	-0.6	0.8	0.2	-0.3	-0.5	-0.7	-0.8
2636	-1.0	-0.5	-0.5	-0.6	0.6	0.1	-0.3	-0.5	-0.6	-0.8
2637	-1.0	-0.6	-0.5	-0.6	0.4	0.0	-0.3	-0.3	-0.6	-0.8
2638	-1.0	-0.6	-0.5	-0.6	0.4	0.1	-0.4	-0.3	-0.7	-0.9
2639	-1.0	-0.6	-0.5	-0.6	0.3	0.0	-0.4	-0.1	-0.6	-1.0
2640	-1.0	-0.7	-0.6	-0.6	0.0	-0.1	-0.4	-0.2	-0.6	-0.8
2641	-1.0	-0.7	-0.6	-0.6	-0.1	-0.1	-0.4	-0.1	-0.5	-0.8
2642	-1.0	-0.7	-0.6	-0.6	-0.1	-0.1	-0.4	-0.2	-0.5	-0.8
2643	-1.0	-0.7	-0.6	-0.6	-0.2	-0.1	-0.4	0.0	-0.5	-0.9
2644	-0.9	-0.7	-0.6	-0.6	-0.2	-0.2	-0.4	-0.2	-0.5	-0.7
2645	-0.9	-0.7	-0.6	-0.6	-0.3	-0.3	-0.5	-0.2	-0.5	-0.7
2646	-1.0	-0.8	-0.6	-0.7	-0.4	-0.3	-0.5	-0.3	-0.6	-0.8
2647	-1.1	-0.8	-0.7	-0.7	-0.3	-0.3	-0.5	-0.3	-0.5	-0.7
2648	-1.1	-0.9	-0.7	-0.7	-0.3	-0.3	-0.5	-0.2	-0.6	-0.8
2649	-1.1	-0.9	-0.7	-0.7	-0.3	-0.3	-0.5	-0.3	-0.6	-0.8
2650	-1.1	-0.9	-0.8	-0.7	-0.3	-0.4	-0.5	-0.4	-0.6	-0.7
2651	-1.1	-0.8	-0.7	-0.8	-0.3	-0.3	-0.6	-0.3	-0.7	-1.0
2652	-1.1	-0.8	-0.7	-0.8	-0.3	-0.4	-0.6	-0.5	-0.8	-1.0
2653	-1.0	-0.8	-0.7	-0.8	-0.4	-0.4	-0.7	-0.4	-0.8	-1.0
2654	-1.0	-0.8	-0.7	-0.8	-0.3	-0.3	-0.7	-0.4	-0.8	-1.1
2655	-1.1	-0.9	-0.7	-0.8	-0.4	-0.3	-0.7	-0.3	-0.7	-1.1
2656	-1.1	-0.9	-0.7	-0.8	-0.4	-0.3	-0.6	-0.3	-0.7	-1.0
2657	-1.1	-0.9	-0.8	-0.8	-0.3	-0.4	-0.6	-0.5	-0.7	-0.9
2658	-1.1	-0.8	-0.8	-0.8	-0.2	-0.4	-0.6	-0.5	-0.7	-0.9
2659	-1.1	-0.9	-0.8	-0.8	-0.5	-0.4	-0.6	-0.4	-0.7	-0.9
2660	-1.1	-1.0	-0.8	-0.8	-0.7	-0.5	-0.7	-0.3	-0.7	-0.9
2661	-1.0	-1.0	-0.8	-0.8	-0.9	-0.5	-0.7	-0.2	-0.7	-1.0
2662	-1.0	-0.9	-0.7	-0.9	-0.8	-0.5	-0.8	-0.1	-0.8	-1.2
2663	-1.0	-1.0	-0.7	-0.9	-0.8	-0.4	-0.8	0.0	-0.7	-1.3
2664	-1.1	-1.0	-0.8	-0.9	-0.8	-0.4	-0.7	0.0	-0.7	-1.2
2665	-1.0	-1.1	-0.8	-0.9	-1.2	-0.5	-0.8	0.1	-0.6	-1.1
2666	-0.9	-1.1	-0.7	-0.8	-1.4	-0.5	-0.8	0.2	-0.5	-1.1
2667	-1.0	-1.1	-0.7	-0.9	-1.3	-0.4	-0.8	0.4	-0.6	-1.3
2668	-0.9	-1.0	-0.7	-0.8	-1.3	-0.5	-0.8	0.1	-0.6	-1.1
2669	-0.9	-1.1	-0.8	-0.8	-1.4	-0.6	-0.8	0.2	-0.6	-1.1
2670	-1.0	-1.1	-0.7	-0.9	-1.3	-0.4	-0.8	0.4	-0.6	-1.3
2671	-1.0	-1.1	-0.7	-0.8	-1.1	-0.3	-0.7	0.5	-0.5	-1.2
2672	-1.1	-1.0	-0.7	-0.8	-0.9	-0.3	-0.7	0.2	-0.7	-1.2
2673	-1.1	-0.9	-0.7	-0.9	-0.6	-0.2	-0.7	0.0	-0.8	-1.3
2674	-1.1	-0.8	-0.7	-0.9	0.0	-0.3	-0.7	-0.5	-1.0	-1.3
2675	-1.2	-0.7	-0.7	-0.8	0.4	-0.2	-0.6	-0.8	-1.0	-1.2
2676	-1.2	-0.7	-0.7	-0.9	0.4	-0.2	-0.7	-0.7	-1.0	-1.3
2677	-1.2	-0.8	-0.7	-0.9	0.0	-0.2	-0.7	-0.4	-0.9	-1.3
2678	-1.0	-0.8	-0.7	-0.8	-0.3	-0.3	-0.7	-0.3	-0.9	-1.2
2679	-1.0	-0.9	-0.7	-0.8	-0.7	-0.3	-0.8	0.0	-0.8	-1.3
2680	-1.1	-0.9	-0.7	-0.8	-0.6	-0.3	-0.7	0.0	-0.8	-1.3
2681	-1.1	-0.9	-0.7	-0.8	-0.6	-0.3	-0.7	0.1	-0.7	-1.3
2682	-1.1	-0.9	-0.7	-0.8	-0.6	-0.4	-0.7	-0.2	-0.7	-1.1
2683	-1.0	-0.8	-0.7	-0.8	-0.6	-0.4	-0.7	-0.3	-0.7	-1.0
2684	-0.9	-0.8	-0.6	-0.8	-0.5	-0.3	-0.7	-0.2	-0.8	-1.3
2685	-0.9	-0.8	-0.7	-0.8	-0.4	-0.3	-0.7	-0.3	-0.8	-1.2
2686	-1.0	-0.8	-0.7	-0.8	-0.3	-0.3	-0.7	-0.2	-0.9	-1.3
2687	-1.0	-0.8	-0.6	-0.8	-0.3	-0.2	-0.7	-0.2	-0.8	-1.3
2688	-1.0	-0.8	-0.6	-0.8	-0.2	-0.2	-0.7	-0.3	-0.9	-1.3

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2633	573218.1	3030021.7	573180.5	3030006.5	573193.2	3030011.6	573179.5	3030006.1	573159.1	3029997.8
2634	573239.2	3029976.3	573200.9	3029960.8	573213.3	3029965.8	573204.9	3029962.4	573180.6	3029952.6
2635	573261.0	3029931.1	573218.2	3029913.9	573233.6	3029920.1	573224.4	3029916.4	573199.1	3029906.1
2636	573282.8	3029886.0	573240.2	3029868.8	573252.0	3029873.6	573242.4	3029869.7	573219.9	3029860.6
2637	573304.7	3029841.0	573262.2	3029823.8	573269.5	3029826.7	573264.1	3029824.6	573240.7	3029815.1
2638	573326.4	3029795.8	573284.1	3029778.7	573291.6	3029781.7	573286.2	3029779.5	573258.9	3029768.5
2639	573347.9	3029750.6	573305.9	3029733.6	573310.6	3029735.5	573307.8	3029734.3	573279.2	3029722.8
2640	573369.7	3029705.4	573327.8	3029688.5	573327.7	3029688.5	573323.8	3029686.9	573299.4	3029677.0
2641	573391.6	3029660.4	573349.1	3029643.2	573346.6	3029642.2	573344.0	3029641.1	573320.8	3029631.7
2642	573412.3	3029614.8	573370.0	3029597.7	573368.7	3029597.2	573365.1	3029595.7	573341.8	3029586.3
2643	573432.4	3029569.0	573390.8	3029552.2	573387.7	3029550.9	573387.0	3029550.6	573361.4	3029540.3
2644	573452.3	3029523.1	573413.8	3029507.5	573409.4	3029505.8	573405.9	3029504.3	573384.6	3029495.7
2645	573474.1	3029478.0	573437.1	3029463.0	573431.0	3029460.6	573426.0	3029458.5	573404.1	3029449.7
2646	573499.7	3029434.4	573459.4	3029418.1	573452.6	3029415.3	573447.5	3029413.3	573424.2	3029403.9
2647	573524.0	3029390.3	573480.2	3029372.6	573474.1	3029370.1	573468.5	3029367.9	573446.9	3029359.1
2648	573548.1	3029346.1	573502.4	3029327.6	573496.3	3029325.2	573491.4	3029323.2	573467.3	3029313.4
2649	573571.5	3029301.6	573525.2	3029282.9	573519.2	3029280.5	573512.9	3029277.9	573489.3	3029268.4
2650	573594.2	3029256.9	573548.6	3029238.4	573542.7	3029236.0	573533.7	3029232.4	573511.8	3029223.6
2651	573616.7	3029212.0	573571.6	3029193.8	573565.8	3029191.4	573559.7	3029189.0	573528.9	3029176.6
2652	573638.6	3029167.0	573594.5	3029149.1	573588.1	3029146.5	573578.9	3029142.8	573550.1	3029131.2
2653	573660.6	3029121.9	573617.7	3029104.6	573610.4	3029101.6	573601.7	3029098.1	573571.5	3029085.9
2654	573682.8	3029077.0	573639.3	3029059.4	573634.4	3029057.4	573627.1	3029054.4	573594.2	3029041.2
2655	573705.1	3029032.0	573660.4	3029014.0	573652.7	3029010.9	573647.5	3029008.8	573615.6	3028995.9
2656	573727.6	3028987.2	573682.4	3028968.9	573675.3	3028966.1	573669.6	3028963.8	573638.4	3028951.2
2657	573749.7	3028942.2	573704.1	3028923.8	573698.5	3028921.5	573688.0	3028917.3	573661.3	3028906.5
2658	573771.4	3028897.0	573724.7	3028878.2	573720.6	3028876.5	573710.4	3028872.4	573683.5	3028861.5
2659	573793.8	3028852.2	573748.5	3028833.9	573739.7	3028830.3	573731.4	3028827.0	573705.4	3028816.4
2660	573818.3	3028808.1	573773.3	3028790.0	573759.8	3028784.5	573753.8	3028782.1	573725.6	3028770.7
2661	573840.7	3028763.3	573798.2	3028746.1	573781.8	3028739.5	573777.4	3028737.7	573747.5	3028725.6
2662	573862.9	3028718.3	573822.0	3028701.8	573806.9	3028695.7	573804.6	3028694.7	573769.2	3028680.4
2663	573886.4	3028673.9	573843.4	3028656.5	573828.8	3028650.6	573829.2	3028650.8	573791.7	3028635.6
2664	573910.3	3028629.6	573863.7	3028610.8	573848.0	3028604.4	573848.8	3028604.8	573813.4	3028590.4
2665	573931.7	3028584.3	573888.8	3028567.0	573867.4	3028558.3	573869.7	3028559.3	573836.2	3028545.7
2666	573951.9	3028538.6	573913.0	3028522.8	573887.9	3028512.7	573892.9	3028514.7	573860.5	3028501.6
2667	573974.8	3028493.9	573934.4	3028477.5	573910.8	3028468.0	573918.2	3028471.0	573880.2	3028455.7
2668	573997.8	3028449.3	573958.4	3028433.3	573934.9	3028423.8	573937.8	3028425.0	573904.3	3028411.5
2669	574021.0	3028404.7	573982.7	3028389.2	573956.6	3028378.7	573960.6	3028380.3	573927.3	3028366.9
2670	574044.1	3028360.1	574003.4	3028343.6	573980.0	3028334.2	573987.8	3028337.3	573950.4	3028322.2
2671	574067.2	3028315.5	574024.1	3028298.1	574003.1	3028289.6	574012.9	3028293.6	573976.1	3028278.7
2672	574090.2	3028270.9	574045.3	3028252.7	574029.5	3028246.3	574033.3	3028247.9	573996.9	3028233.2
2673	574113.1	3028226.2	574067.3	3028207.7	574057.0	3028203.5	574057.9	3028203.9	574018.2	3028187.8
2674	574135.6	3028181.4	574088.3	3028162.2	574088.1	3028162.2	574077.6	3028157.9	574039.8	3028142.7
2675	574157.0	3028136.1	574108.2	3028116.4	574115.2	3028119.2	574099.7	3028112.9	574064.1	3028098.5
2676	574179.1	3028091.1	574129.3	3028071.0	574136.6	3028073.9	574123.0	3028068.4	574084.7	3028052.9
2677	574201.1	3028046.0	574152.7	3028026.5	574153.4	3028026.8	574145.2	3028023.5	574107.4	3028008.2
2678	574221.8	3028000.5	574178.3	3027982.9	574171.8	3027980.3	574166.0	3027977.9	574129.1	3027963.0
2679	574243.9	3027955.5	574203.7	3027939.3	574191.4	3027934.3	574191.5	3027934.3	574152.1	3027918.4
2680	574268.1	3027911.3	574224.2	3027893.6	574213.0	3027889.1	574213.7	3027889.4	574174.7	3027873.6
2681	574291.1	3027866.7	574246.5	3027848.7	574234.5	3027843.8	574235.9	3027844.4	574198.5	3027829.3
2682	574313.4	3027821.8	574269.5	3027804.0	574258.9	3027799.8	574254.4	3027797.9	574222.4	3027785.0
2683	574334.1	3027776.2	574294.4	3027760.2	574283.5	3027755.8	574277.2	3027753.2	574246.5	3027740.8
2684	574354.7	3027730.6	574316.2	3027715.1	574307.4	3027711.5	574303.9	3027710.1	574266.5	3027695.0
2685	574377.4	3027685.9	574338.1	3027670.0	574330.1	3027666.7	574325.0	3027664.7	574288.9	3027650.1
2686	574401.7	3027641.8	574360.2	3027625.0	574354.2	3027622.6	574349.4	3027620.6	574310.3	3027604.8
2687	574424.5	3027597.0	574382.3	3027580.0	574376.2	3027577.5	574373.1	3027576.3	574333.8	3027560.4
2688	574446.5	3027552.0	574403.4	3027534.6	574400.6	3027533.5	574394.7	3027531.1	574356.9	3027515.8

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2689	-1.1	-0.8	-0.6	-0.8	-0.1	-0.1	-0.6	-0.1	-0.8	-1.2
2690	-1.2	-0.8	-0.7	-0.8	-0.1	-0.1	-0.5	-0.1	-0.7	-1.1
2691	-1.2	-0.8	-0.6	-0.8	-0.1	-0.1	-0.5	-0.1	-0.6	-1.1
2692	-1.1	-0.8	-0.6	-0.7	-0.1	-0.1	-0.5	0.0	-0.6	-1.1
2693	-1.1	-0.8	-0.6	-0.7	-0.3	-0.2	-0.5	-0.1	-0.6	-0.9
2694	-1.1	-0.9	-0.6	-0.7	-0.3	-0.1	-0.4	0.1	-0.5	-0.9
2695	-1.2	-0.9	-0.6	-0.7	-0.2	0.1	-0.4	0.3	-0.5	-1.0
2696	-1.2	-0.9	-0.6	-0.7	0.0	0.1	-0.4	0.1	-0.6	-1.0
2697	-1.3	-0.8	-0.6	-0.7	0.2	0.0	-0.4	-0.1	-0.7	-1.0
2698	-1.3	-0.8	-0.7	-0.8	0.4	0.0	-0.5	-0.3	-0.7	-1.1
2699	-1.3	-0.8	-0.7	-0.8	0.4	0.0	-0.5	-0.4	-0.8	-1.0
2700	-1.3	-0.8	-0.7	-0.8	0.3	-0.1	-0.5	-0.5	-0.8	-1.0
2701	-1.2	-0.9	-0.7	-0.8	-0.1	-0.2	-0.5	-0.2	-0.7	-1.0
2702	-1.2	-0.8	-0.7	-0.8	-0.2	-0.1	-0.5	-0.1	-0.6	-1.0
2703	-1.2	-0.7	-0.7	-0.7	0.4	-0.1	-0.4	-0.6	-0.7	-0.8
2704	-1.3	-0.8	-0.7	-0.7	0.3	-0.1	-0.4	-0.5	-0.6	-0.7
2705	-1.3	-0.8	-0.7	-0.7	0.2	0.0	-0.3	-0.3	-0.5	-0.7
2706	-1.3	-0.8	-0.7	-0.7	0.4	0.0	-0.3	-0.3	-0.6	-0.7
2707	-1.3	-0.8	-0.6	-0.7	0.3	0.0	-0.3	-0.2	-0.6	-0.9
2708	-1.2	-0.7	-0.6	-0.7	0.5	0.0	-0.4	-0.4	-0.7	-0.9
2709	-1.1	-0.6	-0.6	-0.7	0.5	0.0	-0.4	-0.4	-0.7	-0.9
2710	-1.2	-0.6	-0.6	-0.7	0.8	0.2	-0.3	-0.4	-0.7	-0.9
2711	-1.3	-0.6	-0.6	-0.6	0.8	0.2	-0.3	-0.3	-0.7	-0.9
2712	-1.2	-0.6	-0.5	-0.6	0.8	0.2	-0.3	-0.2	-0.6	-0.9
2713	-1.2	-0.6	-0.5	-0.6	0.6	0.1	-0.3	-0.4	-0.6	-0.7
2714	-1.2	-0.6	-0.6	-0.6	0.5	0.1	-0.3	-0.3	-0.5	-0.7
2715	-1.2	-0.7	-0.6	-0.6	0.5	0.1	-0.2	-0.2	-0.5	-0.7
2716	-1.2	-0.6	-0.6	-0.6	0.6	0.1	-0.2	-0.3	-0.6	-0.7
2717	-1.2	-0.6	-0.5	-0.6	0.6	0.1	-0.3	-0.3	-0.6	-0.7
2718	-1.1	-0.6	-0.5	-0.6	0.5	0.2	-0.2	-0.1	-0.5	-0.8
2719	-1.2	-0.7	-0.5	-0.6	0.4	0.3	-0.2	0.1	-0.5	-0.8
2720	-1.2	-0.7	-0.6	-0.6	0.4	0.1	-0.2	-0.2	-0.4	-0.6
2721	-1.3	-0.7	-0.6	-0.6	0.8	0.1	-0.2	-0.6	-0.6	-0.5
2722	-1.4	-0.7	-0.7	-0.6	0.9	0.0	-0.2	-0.7	-0.6	-0.5
2723	-1.4	-0.7	-0.7	-0.6	0.7	0.0	-0.2	-0.6	-0.5	-0.5
2724	-1.4	-0.7	-0.7	-0.6	0.9	0.0	-0.2	-0.8	-0.6	-0.4
2725	-1.4	-0.6	-0.7	-0.6	1.1	0.0	-0.1	-0.9	-0.6	-0.4
2726	-1.4	-0.6	-0.7	-0.6	1.2	0.1	-0.1	-0.9	-0.6	-0.3
2727	-1.2	-0.6	-0.6	-0.5	1.0	0.1	-0.1	-0.7	-0.5	-0.4
2728	-1.3	-0.7	-0.6	-0.5	0.7	0.1	-0.1	-0.4	-0.4	-0.4
2729	-1.3	-0.6	-0.6	-0.5	0.8	0.2	-0.1	-0.3	-0.4	-0.4
2730	-1.2	-0.6	-0.5	-0.5	0.6	0.2	-0.1	-0.1	-0.4	-0.6
2731	-1.1	-0.6	-0.5	-0.5	0.6	0.2	-0.1	-0.2	-0.4	-0.5
2732	-1.1	-0.5	-0.5	-0.5	0.7	0.1	-0.1	-0.5	-0.5	-0.4
2733	-1.1	-0.5	-0.5	-0.5	0.7	0.0	-0.1	-0.6	-0.4	-0.3
2734	-1.0	-0.4	-0.5	-0.5	0.8	0.0	-0.1	-0.7	-0.5	-0.3
2735	-0.9	-0.3	-0.4	-0.4	0.9	0.0	-0.2	-0.7	-0.6	-0.4
2736	-0.7	-0.2	-0.4	-0.4	0.9	0.0	-0.2	-0.8	-0.6	-0.4
2737	-0.6	-0.2	-0.3	-0.4	0.6	0.1	-0.2	-0.4	-0.5	-0.6
2738	-0.6	-0.2	-0.3	-0.4	0.7	0.0	-0.2	-0.5	-0.6	-0.6
2739	-0.6	-0.3	-0.3	-0.4	0.3	0.0	-0.2	-0.3	-0.5	-0.6
2740	-0.6	-0.2	-0.4	-0.4	0.6	-0.1	-0.3	-0.8	-0.6	-0.4
2741	-0.5	-0.2	-0.4	-0.4	0.5	-0.2	-0.3	-0.8	-0.6	-0.4
2742	-0.5	-0.3	-0.4	-0.3	0.3	-0.2	-0.2	-0.6	-0.4	-0.3
2743	-0.5	-0.2	-0.3	-0.3	0.5	-0.1	-0.2	-0.7	-0.5	-0.3
2744	-0.6	-0.2	-0.3	-0.4	0.5	-0.1	-0.3	-0.6	-0.5	-0.5

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2689	574469.0	3027507.2	574422.8	3027488.5	574421.0	3027487.8	574419.9	3027487.3	574383.1	3027472.5
2690	574491.7	3027462.4	574442.9	3027442.7	574441.8	3027442.3	574439.2	3027441.2	574406.9	3027428.2
2691	574512.2	3027416.8	574464.1	3027397.3	574461.8	3027396.4	574460.6	3027395.9	574429.3	3027383.3
2692	574532.2	3027370.9	574486.0	3027352.2	574483.2	3027351.1	574483.7	3027351.3	574451.0	3027338.1
2693	574552.8	3027325.3	574508.0	3027307.2	574503.3	3027305.3	574500.7	3027304.3	574473.4	3027293.2
2694	574573.5	3027279.7	574525.8	3027260.5	574520.5	3027258.3	574523.0	3027259.3	574495.0	3027248.0
2695	574595.1	3027234.6	574544.8	3027214.2	574541.4	3027212.9	574546.8	3027215.0	574515.6	3027202.4
2696	574618.0	3027189.9	574566.1	3027168.9	574566.7	3027169.1	574568.8	3027170.0	574538.6	3027157.8
2697	574640.7	3027145.1	574588.1	3027123.9	574591.8	3027125.3	574588.9	3027124.2	574558.5	3027111.9
2698	574663.2	3027100.3	574609.5	3027078.6	574616.0	3027081.2	574610.2	3027078.9	574578.6	3027066.1
2699	574685.4	3027055.3	574630.3	3027033.1	574637.3	3027035.9	574629.5	3027032.8	574598.6	3027020.3
2700	574704.9	3027009.3	574652.0	3026987.9	574656.8	3026989.9	574647.1	3026985.9	574618.1	3026974.2
2701	574724.2	3026963.2	574675.0	3026943.3	574672.3	3026942.2	574669.0	3026940.8	574639.0	3026928.7
2702	574743.5	3026917.0	574695.2	3026897.5	574692.4	3026896.4	574690.1	3026895.4	574660.7	3026883.6
2703	574764.2	3026871.5	574713.9	3026851.1	574721.4	3026854.2	574709.0	3026849.1	574686.4	3026840.0
2704	574785.7	3026826.2	574733.7	3026805.2	574739.2	3026807.4	574729.1	3026803.3	574708.9	3026795.2
2705	574806.9	3026780.8	574753.7	3026759.3	574758.3	3026761.2	574753.2	3026759.2	574732.8	3026750.9
2706	574827.9	3026735.4	574774.4	3026713.8	574781.1	3026716.5	574774.9	3026714.0	574752.9	3026705.1
2707	574848.8	3026689.9	574796.0	3026668.6	574802.0	3026671.0	574797.8	3026669.3	574772.3	3026659.0
2708	574868.8	3026644.1	574818.6	3026623.8	574827.1	3026627.2	574818.4	3026623.7	574793.0	3026613.4
2709	574888.7	3026598.2	574841.8	3026579.3	574852.0	3026583.4	574843.2	3026579.8	574815.6	3026568.7
2710	574910.0	3026552.9	574858.3	3026532.0	574872.6	3026537.8	574864.2	3026534.4	574837.6	3026523.6
2711	574930.9	3026507.4	574878.4	3026486.2	574892.7	3026492.0	574886.5	3026489.5	574859.6	3026478.6
2712	574949.8	3026461.1	574899.0	3026440.6	574912.9	3026446.2	574908.0	3026444.2	574881.5	3026433.5
2713	574969.4	3026415.1	574921.3	3026395.7	574933.1	3026400.4	574925.7	3026397.4	574903.5	3026388.5
2714	574990.2	3026369.6	574941.8	3026350.0	574951.8	3026354.1	574945.1	3026351.4	574924.6	3026343.1
2715	575011.4	3026324.2	574961.9	3026304.2	574972.0	3026308.3	574967.1	3026306.3	574945.5	3026297.6
2716	575032.6	3026278.9	574983.1	3026258.9	574994.8	3026263.6	574988.0	3026260.8	574966.4	3026252.1
2717	575051.7	3026232.7	575003.7	3026213.3	575014.3	3026217.5	575007.6	3026214.8	574986.2	3026206.2
2718	575070.4	3026186.3	575022.7	3026167.0	575031.5	3026170.6	575030.4	3026170.1	575006.7	3026160.5
2719	575089.0	3026139.8	575041.0	3026120.5	575048.4	3026123.5	575050.8	3026124.4	575025.7	3026114.3
2720	575111.2	3026094.9	575059.3	3026073.9	575067.6	3026077.3	575063.7	3026075.7	575045.2	3026068.2
2721	575134.4	3026050.4	575079.1	3026028.0	575094.0	3026034.0	575082.5	3026029.4	575066.1	3026022.8
2722	575156.4	3026005.3	575099.6	3025982.3	575115.5	3025988.8	575101.0	3025982.9	575087.3	3025977.4
2723	575177.5	3025959.9	575120.4	3025936.8	575133.9	3025942.3	575121.5	3025937.3	575107.2	3025931.5
2724	575197.5	3025914.1	575140.7	3025891.1	575157.5	3025897.9	575140.8	3025891.2	575128.4	3025886.1
2725	575218.4	3025868.6	575160.7	3025845.2	575181.1	3025853.5	575162.2	3025845.9	575151.5	3025841.5
2726	575237.3	3025822.3	575179.8	3025799.1	575202.2	3025808.1	575184.4	3025800.9	575174.1	3025796.7
2727	575256.1	3025776.0	575204.2	3025755.0	575222.6	3025762.4	575207.8	3025756.5	575195.9	3025751.6
2728	575277.6	3025730.7	575225.5	3025709.7	575238.3	3025714.8	575229.5	3025711.3	575217.8	3025706.6
2729	575298.0	3025685.0	575245.1	3025663.7	575260.1	3025669.7	575253.2	3025666.9	575240.1	3025661.6
2730	575317.5	3025639.0	575267.6	3025618.8	575278.9	3025623.4	575277.2	3025622.7	575260.5	3025616.0
2731	575336.1	3025592.6	575288.4	3025573.3	575299.9	3025577.9	575295.3	3025576.1	575280.9	3025570.3
2732	575355.6	3025546.5	575309.6	3025527.9	575323.3	3025533.5	575313.8	3025529.6	575300.4	3025524.2
2733	575375.1	3025500.5	575330.3	3025482.4	575343.2	3025487.6	575331.0	3025482.7	575322.4	3025479.2
2734	575393.3	3025453.9	575351.2	3025436.9	575366.8	3025443.2	575351.9	3025437.2	575342.5	3025433.4
2735	575410.6	3025407.0	575374.4	3025392.3	575390.6	3025398.9	575375.8	3025392.9	575362.9	3025387.7
2736	575426.5	3025359.5	575396.4	3025347.3	575412.5	3025353.8	575396.9	3025347.5	575383.9	3025342.2
2737	575442.7	3025312.1	575417.6	3025302.0	575429.1	3025306.6	575420.5	3025303.1	575403.6	3025296.3
2738	575465.8	3025267.5	575439.3	3025256.8	575451.6	3025261.8	575441.1	3025257.5	575423.8	3025250.5
2739	575487.8	3025222.4	575461.3	3025211.7	575467.5	3025214.2	575461.6	3025211.9	575444.4	3025204.9
2740	575508.4	3025176.8	575484.4	3025167.1	575496.0	3025171.8	575479.2	3025165.0	575467.0	3025160.1
2741	575527.3	3025130.6	575504.7	3025121.4	575514.0	3025125.2	575498.0	3025118.7	575486.3	3025114.0
2742	575546.1	3025084.2	575524.0	3025075.3	575529.5	3025077.5	575517.5	3025072.7	575508.1	3025068.9
2743	575565.1	3025038.0	575543.5	3025029.3	575552.0	3025032.7	575538.3	3025027.2	575528.0	3025023.0
2744	575586.8	3024992.8	575563.5	3024983.4	575572.2	3024986.9	575559.7	3024981.9	575545.2	3024976.0

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2745	-0.6	-0.3	-0.4	-0.4	0.4	-0.1	-0.3	-0.6	-0.6	-0.5
2746	-0.5	-0.2	-0.4	-0.4	0.4	-0.2	-0.3	-0.8	-0.6	-0.4
2747	-0.6	-0.2	-0.4	-0.4	0.7	-0.2	-0.3	-1.0	-0.6	-0.4
2748	-0.6	-0.2	-0.3	-0.4	0.8	-0.1	-0.3	-0.8	-0.7	-0.6
2749	-0.6	-0.2	-0.4	-0.4	0.6	-0.1	-0.3	-0.9	-0.7	-0.5
2750	-0.6	-0.2	-0.4	-0.4	0.8	-0.2	-0.3	-1.1	-0.7	-0.4
2751	-0.7	-0.2	-0.4	-0.4	1.0	-0.1	-0.2	-1.1	-0.6	-0.3
2752	-0.7	-0.1	-0.4	-0.3	1.3	0.0	-0.1	-1.2	-0.6	-0.2
2753	-0.8	-0.1	-0.4	-0.4	1.6	0.0	-0.1	-1.5	-0.7	-0.2
2754	-0.9	-0.1	-0.4	-0.4	1.7	0.0	-0.1	-1.6	-0.7	-0.2
2755	-0.9	0.0	-0.5	-0.4	2.0	0.0	-0.1	-1.9	-0.8	-0.1
2756	-0.9	0.0	-0.5	-0.4	2.0	-0.1	-0.1	-2.1	-0.9	-0.1
2757	-1.0	-0.1	-0.6	-0.4	2.0	-0.1	-0.1	-2.0	-0.8	0.0
2758	-1.0	-0.1	-0.6	-0.4	1.8	-0.2	-0.1	-1.9	-0.8	0.0
2759	-0.9	-0.2	-0.6	-0.5	1.4	-0.2	-0.2	-1.7	-0.7	-0.1
2760	-0.9	-0.3	-0.6	-0.4	1.1	-0.3	-0.2	-1.5	-0.7	-0.1
2761	-0.8	-0.3	-0.6	-0.4	1.1	-0.3	-0.2	-1.6	-0.7	0.0
2762	-0.8	-0.3	-0.7	-0.5	0.9	-0.5	-0.3	-1.8	-0.7	0.0
2763	-0.8	-0.2	-0.7	-0.5	1.0	-0.5	-0.3	-1.9	-0.8	0.0
2764	-0.9	-0.3	-0.7	-0.5	0.9	-0.6	-0.3	-2.1	-0.7	0.2
2765	-0.9	-0.4	-0.7	-0.5	0.7	-0.5	-0.3	-1.6	-0.7	0.0
2766	-1.0	-0.5	-0.8	-0.6	0.7	-0.5	-0.3	-1.6	-0.7	0.0
2767	-1.0	-0.4	-0.7	-0.5	0.9	-0.5	-0.3	-1.7	-0.7	0.0
2768	-0.9	-0.3	-0.7	-0.5	1.1	-0.4	-0.3	-1.7	-0.7	-0.1
2769	-0.9	-0.3	-0.6	-0.5	1.1	-0.4	-0.3	-1.7	-0.8	-0.1
2770	-0.8	-0.3	-0.6	-0.5	0.9	-0.4	-0.3	-1.7	-0.8	-0.1
2771	-0.8	-0.3	-0.6	-0.5	0.9	-0.4	-0.3	-1.6	-0.7	-0.2
2772	-0.8	-0.3	-0.5	-0.4	0.8	-0.2	-0.2	-1.2	-0.6	-0.3
2773	-0.7	-0.3	-0.5	-0.4	0.5	-0.3	-0.2	-1.0	-0.5	-0.2
2774	-0.6	-0.3	-0.4	-0.4	0.2	-0.2	-0.3	-0.6	-0.5	-0.4
2775	-0.5	-0.3	-0.4	-0.4	0.2	-0.2	-0.3	-0.6	-0.5	-0.4
2776	-0.5	-0.3	-0.4	-0.4	0.1	-0.3	-0.3	-0.7	-0.4	-0.3
2777	-0.5	-0.3	-0.4	-0.4	0.1	-0.4	-0.3	-0.9	-0.5	-0.2
2778	-0.5	-0.2	-0.4	-0.4	0.4	-0.4	-0.3	-1.1	-0.6	-0.2
2779	-0.5	-0.2	-0.4	-0.4	0.3	-0.4	-0.3	-1.1	-0.6	-0.2
2780	-0.4	-0.4	-0.5	-0.4	-0.2	-0.6	-0.4	-0.9	-0.5	-0.2
2781	-0.3	-0.3	-0.5	-0.4	-0.2	-0.7	-0.5	-1.1	-0.6	-0.2
2782	-0.4	-0.3	-0.5	-0.4	-0.2	-0.7	-0.5	-1.1	-0.5	-0.2
2783	-0.6	-0.3	-0.5	-0.4	0.5	-0.4	-0.3	-1.2	-0.6	-0.1
2784	-0.7	-0.3	-0.5	-0.4	0.7	-0.3	-0.2	-1.3	-0.6	-0.1
2785	-0.8	-0.3	-0.5	-0.4	0.6	-0.3	-0.3	-1.1	-0.6	-0.2
2786	-0.8	-0.4	-0.5	-0.5	0.6	-0.3	-0.2	-1.0	-0.6	-0.2
2787	-0.9	-0.4	-0.5	-0.4	0.9	-0.1	-0.1	-0.9	-0.5	-0.2
2788	-1.0	-0.3	-0.5	-0.4	1.3	0.0	-0.1	-1.1	-0.6	-0.3
2789	-1.1	-0.4	-0.6	-0.5	1.2	0.0	-0.1	-1.2	-0.6	-0.3
2790	-1.2	-0.5	-0.6	-0.5	0.9	-0.1	-0.2	-1.0	-0.6	-0.3
2791	-1.2	-0.5	-0.6	-0.5	1.0	0.0	-0.1	-1.0	-0.6	-0.3
2792	-1.2	-0.5	-0.7	-0.5	1.2	-0.1	-0.1	-1.2	-0.6	-0.3
2793	-1.2	-0.5	-0.7	-0.6	1.1	-0.1	-0.2	-1.2	-0.7	-0.3
2794	-1.2	-0.6	-0.7	-0.6	0.9	-0.1	-0.2	-1.0	-0.6	-0.3
2795	-1.2	-0.6	-0.7	-0.6	0.7	-0.1	-0.2	-0.8	-0.5	-0.3
2796	-1.2	-0.7	-0.7	-0.6	0.6	0.0	-0.2	-0.6	-0.5	-0.4
2797	-1.2	-0.7	-0.7	-0.6	0.5	-0.1	-0.2	-0.6	-0.5	-0.4
2798	-1.1	-0.7	-0.7	-0.6	0.4	-0.2	-0.3	-0.7	-0.5	-0.4
2799	-1.0	-0.7	-0.7	-0.6	0.1	-0.3	-0.3	-0.6	-0.4	-0.3
2800	-1.1	-0.7	-0.7	-0.6	0.1	-0.3	-0.3	-0.6	-0.5	-0.4

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2745	575607.2	3024947.1	575583.3	3024937.5	575590.7	3024940.5	575578.2	3024935.4	575562.8	3024929.2
2746	575625.3	3024900.5	575604.7	3024892.2	575612.5	3024895.3	575595.5	3024888.5	575582.6	3024883.3
2747	575645.2	3024854.6	575621.5	3024845.1	575633.6	3024849.9	575613.9	3024842.0	575602.6	3024837.4
2748	575664.7	3024808.6	575639.9	3024798.5	575654.5	3024804.5	575637.4	3024797.5	575620.7	3024790.8
2749	575683.8	3024762.4	575660.2	3024752.8	575672.2	3024757.7	575654.8	3024750.7	575639.3	3024744.4
2750	575704.0	3024716.6	575678.7	3024706.4	575694.4	3024712.7	575672.0	3024703.7	575660.6	3024699.1
2751	575723.6	3024670.6	575695.0	3024659.0	575713.5	3024666.5	575690.5	3024657.2	575682.1	3024653.8
2752	575742.6	3024624.3	575712.3	3024612.1	575736.3	3024621.8	575711.4	3024611.7	575704.1	3024608.8
2753	575762.9	3024578.6	575728.9	3024564.9	575757.7	3024576.5	575727.6	3024564.4	575723.2	3024562.6
2754	575781.1	3024532.1	575744.8	3024517.4	575776.7	3024530.3	575745.3	3024517.6	575740.4	3024515.6
2755	575798.1	3024485.0	575760.0	3024469.6	575796.6	3024484.4	575758.5	3024469.0	575754.8	3024467.5
2756	575815.9	3024438.2	575776.6	3024422.4	575813.9	3024437.5	575771.9	3024420.5	575769.8	3024419.6
2757	575834.2	3024391.7	575792.9	3024375.0	575829.1	3024389.7	575788.5	3024373.3	575788.3	3024373.2
2758	575852.7	3024345.3	575810.9	3024328.4	575843.8	3024341.7	575804.9	3024326.0	575804.1	3024325.6
2759	575868.5	3024297.7	575829.4	3024281.9	575855.7	3024292.6	575822.3	3024279.1	575818.6	3024277.6
2760	575883.4	3024249.8	575846.6	3024235.0	575867.0	3024243.2	575836.7	3024231.0	575834.3	3024230.0
2761	575898.7	3024202.1	575863.5	3024187.9	575883.5	3024195.9	575850.8	3024182.7	575849.9	3024182.3
2762	575914.0	3024154.3	575880.5	3024140.8	575897.9	3024147.8	575861.0	3024132.9	575861.0	3024132.9
2763	575930.7	3024107.1	575897.5	3024093.7	575915.8	3024101.1	575876.7	3024085.3	575876.4	3024085.2
2764	575945.3	3024059.1	575909.6	3024044.7	575927.0	3024051.7	575885.3	3024034.9	575890.0	3024036.8
2765	575961.4	3024011.7	575923.5	3023996.4	575936.0	3024001.4	575903.0	3023988.1	575902.6	3023987.9
2766	575981.2	3023965.8	575938.6	3023948.5	575950.9	3023953.5	575919.5	3023940.9	575918.2	3023940.3
2767	575996.2	3023917.9	575954.5	3023901.1	575970.4	3023907.5	575936.1	3023893.6	575936.2	3023893.7
2768	576010.3	3023869.7	575971.0	3023853.8	575991.3	3023862.0	575957.2	3023848.2	575953.7	3023846.8
2769	576025.8	3023822.0	575988.8	3023807.1	576008.9	3023815.2	575974.5	3023801.3	575970.9	3023799.8
2770	576041.4	3023774.4	576007.4	3023760.7	576024.6	3023767.6	575990.6	3023753.8	575987.1	3023752.5
2771	576056.9	3023726.7	576024.8	3023713.8	576041.3	3023720.4	576009.4	3023707.5	576004.2	3023705.4
2772	576072.8	3023679.2	576039.6	3023665.8	576054.7	3023671.9	576031.0	3023662.3	576023.4	3023659.3
2773	576088.8	3023631.8	576059.1	3023619.8	576068.8	3023623.7	576049.0	3023615.7	576043.7	3023613.5
2774	576106.1	3023584.8	576081.1	3023574.7	576085.7	3023576.6	576074.1	3023571.9	576062.8	3023567.3
2775	576124.2	3023538.2	576101.4	3023529.0	576104.6	3023530.3	576092.7	3023525.5	576081.8	3023521.1
2776	576143.6	3023492.1	576122.0	3023483.4	576123.6	3023484.0	576109.5	3023478.3	576101.4	3023475.1
2777	576162.8	3023445.9	576143.3	3023438.1	576145.9	3023439.1	576127.5	3023431.7	576121.3	3023429.2
2778	576181.8	3023399.7	576161.4	3023391.5	576169.6	3023394.8	576147.4	3023385.8	576141.3	3023383.3
2779	576201.9	3023353.9	576182.6	3023346.1	576188.4	3023348.4	576166.5	3023339.6	576159.0	3023336.6
2780	576223.5	3023308.7	576205.7	3023301.5	576201.6	3023299.8	576182.9	3023292.3	576176.4	3023289.7
2781	576241.4	3023262.0	576227.0	3023256.2	576222.4	3023254.3	576199.4	3023245.0	576193.2	3023242.5
2782	576258.7	3023215.0	576244.0	3023209.1	576239.4	3023207.3	576218.1	3023198.6	576213.0	3023196.6
2783	576276.0	3023168.1	576251.1	3023158.1	576260.0	3023161.7	576235.6	3023151.8	576231.3	3023150.1
2784	576293.3	3023121.2	576264.1	3023109.4	576277.5	3023114.8	576250.7	3023104.0	576247.4	3023102.6
2785	576310.8	3023074.3	576279.4	3023061.6	576291.3	3023066.5	576268.6	3023057.3	576261.9	3023054.6
2786	576327.8	3023027.3	576293.7	3023013.5	576304.5	3023017.9	576283.9	3023009.6	576276.7	3023006.6
2787	576343.3	3022979.6	576304.3	3022963.9	576321.0	3022970.6	576301.8	3022962.8	576294.4	3022959.8
2788	576360.0	3022932.4	576318.1	3022915.5	576341.4	3022924.9	576319.1	3022915.9	576310.8	3022912.6
2789	576377.3	3022885.5	576332.2	3022867.3	576355.0	3022876.5	576330.8	3022866.7	576322.7	3022863.4
2790	576393.4	3022838.1	576345.5	3022818.7	576362.8	3022825.7	576343.1	3022817.7	576334.9	3022814.4
2791	576409.7	3022790.7	576360.3	3022770.8	576379.6	3022778.6	576358.9	3022770.2	576350.4	3022766.8
2792	576427.0	3022743.8	576376.1	3022723.2	576398.1	3022732.1	576374.1	3022722.4	576366.5	3022719.3
2793	576444.4	3022696.9	576393.5	3022676.3	576414.5	3022684.8	576390.9	3022675.3	576381.7	3022671.6
2794	576462.1	3022650.1	576411.4	3022629.6	576427.6	3022636.2	576407.1	3022627.9	576397.7	3022624.1
2795	576479.1	3022603.1	576428.4	3022582.6	576440.9	3022587.6	576424.2	3022580.9	576414.2	3022576.8
2796	576496.2	3022556.1	576444.3	3022535.1	576454.9	3022539.4	576442.4	3022534.3	576430.8	3022529.6
2797	576514.8	3022509.6	576464.1	3022489.1	576473.0	3022492.7	576460.2	3022487.6	576447.6	3022482.5
2798	576532.2	3022462.7	576484.9	3022443.6	576491.6	3022446.3	576477.7	3022440.7	576465.5	3022435.8
2799	576548.4	3022415.3	576505.5	3022398.0	576506.5	3022398.4	576495.0	3022393.8	576484.6	3022389.6
2800	576570.0	3022370.1	576525.0	3022352.0	576526.8	3022352.7	576514.4	3022347.7	576503.1	3022343.1

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2801	-1.0	-0.7	-0.7	-0.6	-0.1	-0.4	-0.4	-0.6	-0.5	-0.3
2802	-1.0	-0.7	-0.7	-0.6	-0.1	-0.5	-0.4	-0.9	-0.5	-0.3
2803	-1.1	-0.8	-0.8	-0.6	-0.1	-0.5	-0.4	-0.8	-0.4	-0.2
2804	-1.0	-0.8	-0.8	-0.6	-0.4	-0.6	-0.4	-0.7	-0.4	-0.2
2805	-1.1	-0.8	-0.8	-0.6	-0.2	-0.5	-0.4	-0.8	-0.4	-0.2
2806	-1.1	-0.8	-0.8	-0.7	-0.1	-0.5	-0.4	-0.9	-0.5	-0.2
2807	-1.1	-0.8	-0.8	-0.7	-0.1	-0.5	-0.4	-0.8	-0.5	-0.4
2808	-1.1	-0.8	-0.8	-0.7	-0.3	-0.4	-0.4	-0.6	-0.5	-0.5
2809	-1.2	-0.9	-0.7	-0.7	-0.1	-0.3	-0.4	-0.4	-0.5	-0.6
2810	-1.3	-0.9	-0.8	-0.7	0.0	-0.2	-0.4	-0.4	-0.6	-0.6
2811	-1.4	-0.9	-0.8	-0.7	0.2	-0.1	-0.4	-0.4	-0.6	-0.7
2812	-1.4	-0.9	-0.8	-0.8	0.3	-0.2	-0.4	-0.6	-0.6	-0.6
2813	-1.4	-0.8	-0.8	-0.8	0.6	-0.1	-0.4	-0.7	-0.7	-0.7
2814	-1.5	-0.8	-0.8	-0.8	0.6	0.0	-0.3	-0.6	-0.7	-0.8
2815	-1.5	-0.9	-0.8	-0.8	0.5	-0.1	-0.4	-0.6	-0.7	-0.8
2816	-1.5	-0.9	-0.8	-0.8	0.6	-0.1	-0.4	-0.6	-0.7	-0.8
2817	-1.6	-0.9	-0.8	-0.8	0.6	0.0	-0.3	-0.5	-0.7	-0.8
2818	-1.6	-0.9	-0.8	-0.8	0.6	0.0	-0.3	-0.4	-0.6	-0.7
2819	-1.6	-0.9	-0.8	-0.8	0.5	0.0	-0.3	-0.5	-0.6	-0.7
2820	-1.4	-0.8	-0.8	-0.8	0.5	-0.1	-0.3	-0.6	-0.7	-0.7
2821	-1.4	-0.9	-0.8	-0.8	0.3	-0.1	-0.3	-0.5	-0.6	-0.7
2822	-1.5	-0.9	-0.8	-0.8	0.5	0.0	-0.3	-0.5	-0.6	-0.7
2823	-1.3	-0.8	-0.7	-0.7	0.4	-0.1	-0.4	-0.5	-0.7	-0.7
2824	-1.2	-0.7	-0.6	-0.7	0.5	0.0	-0.4	-0.4	-0.7	-0.9
2825	-1.2	-0.7	-0.6	-0.7	0.5	0.1	-0.4	-0.4	-0.7	-1.0
2826	-1.1	-0.6	-0.6	-0.7	0.5	0.0	-0.4	-0.4	-0.7	-0.9
2827	-1.1	-0.7	-0.6	-0.7	0.2	0.1	-0.4	-0.1	-0.6	-0.9
2828	-1.1	-0.6	-0.5	-0.7	0.5	0.1	-0.4	-0.4	-0.7	-1.0
2829	-1.1	-0.5	-0.5	-0.6	0.9	0.1	-0.4	-0.7	-0.8	-0.9
2830	-1.0	-0.4	-0.5	-0.6	1.0	0.1	-0.4	-0.7	-0.9	-1.0
2831	-1.0	-0.4	-0.5	-0.6	0.9	0.0	-0.4	-0.8	-0.8	-0.9
2832	-0.9	-0.3	-0.4	-0.5	1.0	0.0	-0.4	-0.9	-0.9	-0.9
2833	-0.8	-0.2	-0.4	-0.5	1.0	0.0	-0.4	-1.0	-0.9	-0.8
2834	-0.7	-0.2	-0.4	-0.5	1.1	0.0	-0.4	-1.0	-0.9	-0.8
2835	-0.7	-0.1	-0.4	-0.5	1.2	-0.1	-0.4	-1.3	-1.0	-0.8
2836	-0.7	-0.1	-0.4	-0.5	1.4	0.0	-0.4	-1.2	-1.0	-0.8
2837	-0.7	-0.1	-0.3	-0.5	1.4	0.0	-0.4	-1.2	-1.0	-0.8
2838	-0.6	0.0	-0.3	-0.5	1.4	0.0	-0.4	-1.4	-1.1	-0.9
2839	-0.5	0.0	-0.3	-0.4	1.3	0.0	-0.4	-1.3	-1.0	-0.8
2840	-0.6	0.0	-0.3	-0.4	1.3	0.1	-0.3	-1.1	-0.9	-0.9
2841	-0.6	0.1	-0.3	-0.4	1.6	0.1	-0.3	-1.3	-1.0	-0.8
2842	-0.6	0.0	-0.3	-0.4	1.5	0.0	-0.3	-1.4	-0.9	-0.6
2843	-0.6	0.0	-0.3	-0.4	1.4	0.1	-0.3	-1.0	-0.9	-0.8
2844	-0.6	0.0	-0.3	-0.4	1.3	0.0	-0.3	-1.2	-0.9	-0.7
2845	-0.6	0.0	-0.3	-0.4	1.4	0.1	-0.3	-1.2	-1.0	-0.8
2846	-0.7	0.0	-0.3	-0.4	1.6	0.2	-0.3	-1.2	-1.0	-0.8
2847	-0.7	-0.1	-0.4	-0.5	1.2	0.0	-0.3	-1.1	-0.9	-0.8
2848	-0.6	-0.1	-0.3	-0.5	1.1	0.0	-0.4	-1.1	-0.9	-0.8
2849	-0.6	-0.2	-0.4	-0.5	0.9	-0.1	-0.4	-0.9	-0.9	-0.8
2850	-0.7	-0.2	-0.4	-0.5	1.1	0.0	-0.4	-0.9	-0.9	-0.9
2851	-0.8	-0.2	-0.4	-0.5	1.0	0.0	-0.3	-0.9	-0.8	-0.8
2852	-0.8	-0.2	-0.4	-0.5	1.3	0.0	-0.4	-1.2	-1.0	-0.8
2853	-0.8	-0.2	-0.5	-0.5	1.2	-0.1	-0.3	-1.3	-0.9	-0.7
2854	-0.9	-0.2	-0.5	-0.5	1.2	-0.1	-0.3	-1.2	-0.9	-0.7
2855	-0.9	-0.2	-0.5	-0.5	1.3	0.0	-0.3	-1.1	-0.9	-0.7
2856	-0.9	-0.2	-0.5	-0.5	1.3	0.0	-0.3	-1.2	-0.9	-0.6

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2801	576587.2	3022323.2	576546.1	3022306.6	576544.3	3022305.9	576531.2	3022300.6	576521.7	3022296.7
2802	576605.6	3022276.7	576564.6	3022260.1	576563.4	3022259.7	576546.2	3022252.7	576537.7	3022249.3
2803	576626.3	3022231.1	576582.5	3022213.4	576579.8	3022212.3	576564.2	3022206.0	576557.3	3022203.2
2804	576646.0	3022185.2	576604.3	3022168.3	576596.7	3022165.2	576583.0	3022159.7	576577.0	3022157.3
2805	576665.3	3022139.0	576621.4	3022121.3	576617.3	3022119.6	576601.6	3022113.3	576595.8	3022110.9
2806	576684.8	3022093.0	576639.8	3022074.8	576638.8	3022074.4	576619.7	3022066.7	576612.6	3022063.8
2807	576704.2	3022046.9	576659.3	3022028.7	576657.1	3022027.9	576641.1	3022021.4	576629.8	3022016.8
2808	576723.1	3022000.6	576677.9	3021982.3	576672.8	3021980.3	576661.4	3021975.7	576647.7	3021970.2
2809	576742.2	3021954.4	576693.4	3021934.7	576690.7	3021933.6	576682.8	3021930.4	576665.3	3021923.3
2810	576761.6	3021908.3	576709.0	3021887.0	576709.8	3021887.4	576700.7	3021883.7	576682.1	3021876.2
2811	576782.3	3021862.7	576724.3	3021839.3	576728.6	3021841.0	576720.8	3021837.9	576699.7	3021829.4
2812	576803.1	3021817.2	576744.7	3021793.6	576750.5	3021796.0	576737.4	3021790.7	576719.2	3021783.3
2813	576820.8	3021770.5	576761.1	3021746.3	576772.8	3021751.1	576757.9	3021745.0	576736.8	3021736.5
2814	576839.6	3021724.1	576778.6	3021699.5	576790.0	3021704.1	576778.0	3021699.2	576755.0	3021689.9
2815	576860.7	3021678.7	576799.4	3021653.9	576809.3	3021657.9	576797.2	3021653.0	576772.9	3021643.2
2816	576881.1	3021633.0	576817.8	3021607.4	576828.4	3021611.7	576815.6	3021606.6	576793.0	3021597.4
2817	576900.8	3021587.1	576835.8	3021560.8	576846.3	3021565.0	576836.4	3021561.1	576813.0	3021551.6
2818	576919.9	3021540.8	576853.4	3021514.0	576864.2	3021518.3	576855.2	3021514.7	576833.5	3021505.9
2819	576937.7	3021494.1	576873.0	3021468.0	576882.7	3021471.9	576872.2	3021467.7	576852.0	3021459.5
2820	576955.6	3021447.4	576895.3	3021423.0	576904.7	3021426.8	576892.6	3021422.0	576871.3	3021413.4
2821	576974.6	3021401.2	576914.4	3021376.8	576920.5	3021379.3	576911.2	3021375.6	576890.8	3021367.3
2822	576993.6	3021354.9	576933.1	3021330.5	576941.7	3021334.0	576932.0	3021330.0	576909.8	3021321.1
2823	577009.9	3021307.6	576954.9	3021285.4	576962.8	3021288.5	576951.7	3021284.1	576930.1	3021275.3
2824	577026.2	3021260.2	576974.3	3021239.2	576983.4	3021242.9	576975.6	3021239.8	576949.4	3021229.2
2825	577043.0	3021213.1	576992.9	3021192.9	577003.0	3021196.9	576995.8	3021194.0	576966.8	3021182.3
2826	577060.3	3021166.1	577012.4	3021146.8	577021.7	3021150.6	577012.9	3021147.0	576986.8	3021136.5
2827	577079.7	3021120.1	577032.1	3021100.8	577036.7	3021102.7	577034.4	3021101.8	577007.8	3021091.0
2828	577099.1	3021074.0	577052.5	3021055.1	577062.4	3021059.2	577055.3	3021056.3	577026.4	3021044.6
2829	577116.6	3021027.1	577072.5	3021009.3	577088.9	3021015.9	577075.0	3021010.3	577046.9	3020998.9
2830	577134.6	3020980.5	577092.2	3020963.4	577110.8	3020970.9	577096.5	3020965.1	577067.4	3020953.3
2831	577154.2	3020934.5	577112.9	3020917.8	577130.4	3020924.8	577114.3	3020918.3	577088.5	3020907.9
2832	577169.1	3020886.5	577133.4	3020872.1	577151.3	3020879.3	577134.0	3020872.4	577108.5	3020862.1
2833	577184.9	3020839.0	577153.3	3020826.3	577172.1	3020833.8	577151.6	3020825.6	577127.2	3020815.7
2834	577202.7	3020792.3	577171.8	3020779.8	577191.4	3020787.7	577171.5	3020779.7	577147.1	3020769.8
2835	577220.5	3020745.6	577190.8	3020733.5	577213.7	3020742.8	577186.7	3020731.9	577163.5	3020722.5
2836	577237.8	3020698.6	577207.3	3020686.3	577232.7	3020696.5	577207.7	3020686.4	577183.1	3020676.5
2837	577254.6	3020651.4	577226.1	3020640.0	577251.2	3020650.1	577226.8	3020640.2	577201.9	3020630.2
2838	577271.3	3020604.3	577247.8	3020594.8	577274.3	3020605.5	577246.6	3020594.3	577220.9	3020583.9
2839	577288.0	3020557.1	577265.5	3020548.0	577289.7	3020557.8	577264.1	3020547.4	577239.1	3020537.4
2840	577305.9	3020510.4	577281.5	3020500.5	577305.2	3020510.1	577283.8	3020501.5	577257.8	3020491.0
2841	577324.6	3020464.0	577299.7	3020454.0	577328.9	3020465.8	577302.6	3020455.1	577278.3	3020445.3
2842	577343.3	3020417.7	577318.0	3020407.4	577345.0	3020418.3	577316.4	3020406.8	577297.7	3020399.3
2843	577362.0	3020371.3	577337.0	3020361.2	577362.4	3020371.5	577341.7	3020363.1	577317.9	3020353.5
2844	577381.7	3020325.3	577358.3	3020315.9	577381.9	3020325.4	577358.2	3020315.8	577335.9	3020306.8
2845	577401.4	3020279.4	577375.3	3020268.8	577401.2	3020279.3	577377.4	3020269.7	577353.5	3020260.0
2846	577421.1	3020233.4	577390.8	3020221.1	577420.1	3020233.0	577396.6	3020223.5	577371.8	3020213.5
2847	577440.1	3020187.2	577411.7	3020175.7	577433.9	3020184.6	577411.9	3020175.8	577389.2	3020166.6
2848	577459.1	3020140.9	577433.0	3020130.4	577453.0	3020138.4	577431.7	3020129.8	577407.5	3020120.0
2849	577478.1	3020094.6	577452.0	3020084.1	577468.2	3020090.6	577449.4	3020083.1	577425.0	3020073.2
2850	577497.6	3020048.6	577467.3	3020036.4	577487.4	3020044.5	577468.5	3020036.8	577442.9	3020026.5
2851	577517.9	3020002.9	577485.5	3019989.8	577504.0	3019997.3	577486.5	3019990.2	577461.8	3019980.2
2852	577538.2	3019957.2	577504.3	3019943.4	577528.6	3019953.3	577503.8	3019943.2	577480.2	3019933.7
2853	577558.4	3019911.4	577524.6	3019897.7	577546.9	3019906.7	577520.9	3019896.2	577500.8	3019888.1
2854	577578.1	3019865.4	577541.9	3019850.8	577564.2	3019859.8	577539.7	3019849.9	577519.5	3019841.7
2855	577597.9	3019819.5	577558.9	3019803.7	577583.5	3019813.7	577560.4	3019804.3	577538.3	3019795.4
2856	577614.2	3019772.2	577576.9	3019757.1	577600.7	3019766.7	577576.4	3019756.9	577557.9	3019749.4

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2857	-0.8	-0.2	-0.5	-0.5	1.1	-0.1	-0.3	-1.3	-0.8	-0.5
2858	-0.9	-0.2	-0.5	-0.5	1.2	-0.1	-0.2	-1.2	-0.8	-0.5
2859	-0.9	-0.2	-0.5	-0.5	1.3	-0.1	-0.2	-1.4	-0.8	-0.4
2860	-0.8	-0.2	-0.5	-0.5	1.2	-0.1	-0.2	-1.2	-0.8	-0.5
2861	-0.8	-0.2	-0.5	-0.4	1.2	-0.1	-0.2	-1.2	-0.7	-0.4
2862	-0.8	-0.1	-0.4	-0.4	1.5	0.0	-0.2	-1.4	-0.8	-0.4
2863	-0.8	-0.2	-0.5	-0.4	1.3	-0.1	-0.2	-1.3	-0.7	-0.3
2864	-0.8	-0.3	-0.5	-0.4	1.0	-0.1	-0.2	-1.0	-0.6	-0.3
2865	-0.9	-0.4	-0.5	-0.5	0.8	-0.1	-0.2	-0.8	-0.5	-0.3
2866	-1.0	-0.5	-0.5	-0.5	0.6	0.0	-0.1	-0.6	-0.4	-0.3
2867	-1.0	-0.5	-0.5	-0.5	0.5	-0.1	-0.2	-0.6	-0.5	-0.4
2868	-1.0	-0.5	-0.5	-0.5	0.6	0.0	-0.2	-0.7	-0.5	-0.5
2869	-1.1	-0.5	-0.6	-0.5	0.7	0.0	-0.2	-0.7	-0.5	-0.4
2870	-1.0	-0.5	-0.5	-0.5	0.8	0.0	-0.2	-0.7	-0.6	-0.6
2871	-1.0	-0.5	-0.5	-0.5	0.7	0.1	-0.2	-0.5	-0.6	-0.6
2872	-1.0	-0.4	-0.5	-0.5	0.8	-0.1	-0.2	-0.9	-0.6	-0.4
2873	-0.9	-0.4	-0.5	-0.5	0.9	0.0	-0.2	-0.9	-0.7	-0.5
2874	-0.9	-0.3	-0.5	-0.5	0.8	0.0	-0.3	-0.8	-0.7	-0.6
2875	-0.8	-0.4	-0.4	-0.5	0.6	0.0	-0.3	-0.5	-0.6	-0.7
2876	-0.9	-0.4	-0.4	-0.5	0.7	0.1	-0.3	-0.4	-0.6	-0.7
2877	-0.9	-0.3	-0.4	-0.5	0.8	0.1	-0.3	-0.6	-0.7	-0.7
2878	-0.8	-0.4	-0.4	-0.5	0.7	0.2	-0.3	-0.4	-0.6	-0.8
2879	-0.9	-0.4	-0.4	-0.5	0.6	0.1	-0.3	-0.4	-0.6	-0.7
2880	-0.9	-0.4	-0.4	-0.5	0.7	0.1	-0.3	-0.5	-0.6	-0.7
2881	-0.9	-0.4	-0.4	-0.5	0.9	0.1	-0.2	-0.6	-0.7	-0.7
2882	-0.8	-0.4	-0.4	-0.5	0.5	0.0	-0.3	-0.5	-0.6	-0.6
2883	-0.8	-0.4	-0.4	-0.5	0.3	-0.1	-0.3	-0.4	-0.5	-0.6
2884	-0.7	-0.4	-0.4	-0.5	0.3	-0.1	-0.3	-0.4	-0.5	-0.6
2885	-0.7	-0.4	-0.4	-0.5	0.3	-0.1	-0.3	-0.5	-0.6	-0.6
2886	-0.7	-0.4	-0.4	-0.5	0.4	-0.1	-0.3	-0.5	-0.6	-0.6
2887	-0.7	-0.3	-0.4	-0.5	0.6	-0.1	-0.3	-0.7	-0.7	-0.7
2888	-0.6	-0.2	-0.4	-0.5	0.6	-0.2	-0.4	-0.9	-0.7	-0.6
2889	-0.6	-0.3	-0.4	-0.5	0.4	-0.2	-0.4	-0.8	-0.7	-0.6
2890	-0.7	-0.3	-0.5	-0.5	0.4	-0.3	-0.4	-0.9	-0.7	-0.5
2891	-0.6	-0.3	-0.5	-0.5	0.5	-0.3	-0.4	-1.0	-0.7	-0.5
2892	-0.6	-0.3	-0.5	-0.5	0.5	-0.3	-0.4	-1.1	-0.7	-0.5
2893	-0.7	-0.3	-0.5	-0.5	0.5	-0.3	-0.4	-1.1	-0.7	-0.5
2894	-0.7	-0.3	-0.5	-0.5	0.6	-0.3	-0.4	-1.1	-0.8	-0.6
2895	-0.7	-0.3	-0.5	-0.6	0.8	-0.1	-0.4	-1.0	-0.9	-0.8
2896	-0.7	-0.2	-0.4	-0.6	0.8	-0.1	-0.4	-1.1	-0.9	-0.8
2897	-0.7	-0.2	-0.5	-0.6	0.7	-0.3	-0.5	-1.3	-1.0	-0.8
2898	-0.6	-0.3	-0.5	-0.6	0.6	-0.4	-0.5	-1.3	-0.9	-0.7
2899	-0.6	-0.2	-0.5	-0.6	0.7	-0.4	-0.5	-1.3	-1.0	-0.7
2900	-0.7	-0.2	-0.5	-0.6	0.8	-0.3	-0.5	-1.4	-1.0	-0.8
2901	-0.7	-0.3	-0.5	-0.6	0.7	-0.3	-0.5	-1.2	-1.0	-0.8
2902	-0.7	-0.2	-0.5	-0.6	0.9	-0.3	-0.5	-1.3	-1.1	-0.9
2903	-0.7	-0.3	-0.5	-0.6	0.7	-0.4	-0.6	-1.4	-1.0	-0.8
2904	-0.7	-0.3	-0.5	-0.6	0.5	-0.4	-0.6	-1.2	-1.0	-0.8
2905	-0.6	-0.3	-0.5	-0.6	0.4	-0.4	-0.5	-1.1	-0.9	-0.8
2906	-0.6	-0.3	-0.5	-0.6	0.4	-0.4	-0.5	-1.1	-0.8	-0.7
2907	-0.7	-0.2	-0.5	-0.5	0.7	-0.3	-0.5	-1.2	-0.9	-0.7
2908	-0.7	-0.2	-0.5	-0.5	0.8	-0.2	-0.4	-1.2	-0.9	-0.7
2909	-0.8	-0.2	-0.4	-0.5	1.0	-0.1	-0.3	-1.0	-0.8	-0.7
2910	-0.8	-0.2	-0.4	-0.5	1.0	-0.1	-0.3	-1.1	-0.8	-0.6
2911	-0.9	-0.3	-0.4	-0.5	1.0	0.0	-0.3	-0.9	-0.8	-0.6
2912	-1.0	-0.3	-0.4	-0.5	1.4	0.2	-0.2	-0.8	-0.8	-0.7

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2857	577630.2	3019724.7	577596.6	3019711.1	577617.7	3019719.6	577591.9	3019709.2	577576.5	3019703.0
2858	577647.8	3019677.9	577612.0	3019663.4	577634.4	3019672.4	577609.2	3019662.3	577595.6	3019656.8
2859	577665.5	3019631.1	577630.0	3019616.8	577653.5	3019626.3	577625.0	3019614.7	577613.9	3019610.2
2860	577683.2	3019584.3	577648.7	3019570.4	577670.2	3019579.1	577646.2	3019569.3	577632.6	3019563.9
2861	577700.7	3019537.4	577666.0	3019523.5	577687.4	3019532.1	577662.5	3019522.0	577651.7	3019517.7
2862	577718.1	3019490.6	577683.0	3019476.4	577710.1	3019487.3	577682.2	3019476.1	577671.1	3019471.6
2863	577736.5	3019444.1	577702.0	3019430.1	577725.8	3019439.7	577698.8	3019428.8	577689.3	3019425.0
2864	577754.9	3019397.6	577720.4	3019383.7	577738.4	3019390.9	577717.7	3019382.6	577707.9	3019378.6
2865	577776.2	3019352.2	577737.6	3019336.7	577751.7	3019342.3	577735.6	3019335.8	577725.9	3019331.9
2866	577797.7	3019307.0	577754.2	3019289.4	577766.0	3019294.2	577753.9	3019289.3	577744.5	3019285.5
2867	577816.9	3019260.9	577776.8	3019244.6	577786.0	3019248.4	577773.4	3019243.3	577761.9	3019238.6
2868	577836.1	3019214.7	577794.3	3019197.8	577806.1	3019202.5	577792.8	3019197.2	577778.8	3019191.5
2869	577854.9	3019168.4	577810.9	3019150.5	577824.1	3019155.9	577810.6	3019150.4	577797.4	3019145.1
2870	577873.5	3019121.9	577830.7	3019104.6	577846.2	3019110.9	577832.2	3019105.2	577815.2	3019098.4
2871	577891.6	3019075.3	577850.5	3019058.7	577863.2	3019063.8	577854.0	3019060.1	577834.7	3019052.3
2872	577909.6	3019028.7	577869.7	3019012.5	577884.2	3019018.4	577866.1	3019011.1	577853.7	3019006.1
2873	577927.2	3018981.9	577888.3	3018966.1	577905.9	3018973.2	577888.5	3018966.2	577872.7	3018959.8
2874	577944.8	3018935.0	577909.3	3018920.7	577924.0	3018926.6	577908.3	3018920.3	577890.0	3018912.9
2875	577964.4	3018889.0	577929.6	3018875.0	577940.0	3018879.2	577930.5	3018875.3	577910.2	3018867.1
2876	577984.3	3018843.1	577948.9	3018828.8	577961.0	3018833.7	577952.5	3018830.3	577930.2	3018821.3
2877	578003.1	3018796.8	577967.4	3018782.4	577982.1	3018788.3	577970.4	3018783.6	577949.5	3018775.2
2878	578021.3	3018750.2	577986.7	3018736.3	577999.9	3018741.6	577992.7	3018738.7	577969.0	3018729.1
2879	578041.5	3018704.5	578006.1	3018690.1	578017.4	3018694.7	578009.9	3018691.7	577988.3	3018683.0
2880	578061.8	3018658.7	578024.9	3018643.8	578038.1	3018649.2	578028.9	3018645.5	578007.6	3018636.9
2881	578080.6	3018612.4	578043.5	3018597.4	578059.5	3018603.9	578047.4	3018599.0	578026.5	3018590.5
2882	578098.7	3018565.8	578064.3	3018551.9	578073.7	3018555.7	578063.8	3018551.7	578044.5	3018543.9
2883	578116.3	3018519.0	578084.7	3018506.2	578090.4	3018508.5	578081.9	3018505.1	578063.0	3018497.4
2884	578134.1	3018472.2	578104.2	3018460.2	578109.3	3018462.2	578100.7	3018458.8	578082.5	3018451.4
2885	578152.5	3018425.7	578122.4	3018413.6	578127.5	3018415.7	578117.3	3018411.5	578099.7	3018404.4
2886	578170.8	3018379.2	578141.1	3018367.2	578147.7	3018369.9	578136.7	3018365.4	578118.8	3018358.2
2887	578187.9	3018332.2	578160.3	3018321.1	578171.8	3018325.7	578157.0	3018319.7	578136.8	3018311.6
2888	578205.1	3018285.2	578180.1	3018275.1	578191.3	3018279.6	578173.9	3018272.6	578155.3	3018265.1
2889	578225.8	3018239.7	578199.9	3018229.2	578208.1	3018232.5	578191.9	3018226.0	578174.7	3018219.0
2890	578247.7	3018194.6	578220.0	3018183.4	578228.1	3018186.7	578208.9	3018178.9	578193.3	3018172.6
2891	578267.1	3018148.5	578240.2	3018137.6	578249.6	3018141.4	578229.0	3018133.1	578213.1	3018126.7
2892	578285.5	3018102.0	578259.9	3018091.7	578269.9	3018095.7	578248.0	3018086.8	578233.5	3018081.0
2893	578307.5	3018057.0	578280.0	3018045.9	578289.9	3018049.9	578267.0	3018040.6	578252.4	3018034.7
2894	578329.9	3018012.1	578298.9	3017999.5	578310.7	3018004.3	578288.8	3017995.5	578270.1	3017987.9
2895	578350.0	3017966.3	578318.9	3017953.7	578333.2	3017959.5	578313.6	3017951.6	578288.9	3017941.6
2896	578369.9	3017920.4	578339.6	3017908.1	578355.1	3017914.4	578333.8	3017905.8	578308.9	3017895.8
2897	578390.1	3017874.6	578363.0	3017863.7	578376.9	3017869.3	578350.7	3017858.7	578328.2	3017849.6
2898	578410.4	3017828.9	578384.8	3017818.5	578395.3	3017822.8	578370.0	3017812.6	578348.6	3017803.9
2899	578431.8	3017783.6	578405.7	3017773.1	578417.8	3017778.0	578391.6	3017767.4	578369.3	3017758.4
2900	578453.8	3017738.6	578425.6	3017727.2	578440.8	3017733.3	578413.0	3017722.1	578390.1	3017712.8
2901	578476.0	3017693.6	578445.7	3017681.4	578458.4	3017686.5	578433.4	3017676.4	578410.6	3017667.2
2902	578498.4	3017648.7	578468.3	3017636.6	578484.6	3017643.2	578457.9	3017632.4	578431.7	3017621.8
2903	578519.2	3017603.2	578490.4	3017591.6	578503.8	3017597.0	578475.5	3017585.6	578452.2	3017576.1
2904	578539.8	3017557.6	578511.6	3017546.2	578520.7	3017549.9	578497.2	3017540.4	578473.0	3017530.6
2905	578560.3	3017512.0	578533.3	3017501.1	578540.5	3017504.0	578518.1	3017494.9	578495.6	3017485.8
2906	578580.1	3017466.1	578554.0	3017455.5	578560.8	3017458.2	578539.2	3017449.5	578519.1	3017441.4
2907	578600.0	3017420.2	578573.0	3017409.2	578585.8	3017414.4	578560.8	3017404.3	578540.9	3017396.3
2908	578619.9	3017374.3	578591.3	3017362.7	578605.6	3017368.5	578582.0	3017359.0	578560.9	3017350.5
2909	578637.5	3017327.5	578605.4	3017314.5	578623.1	3017321.6	578603.3	3017313.6	578582.3	3017305.2
2910	578655.6	3017280.8	578622.4	3017267.4	578641.8	3017275.3	578619.5	3017266.3	578602.4	3017259.4
2911	578676.2	3017235.2	578640.1	3017220.7	578659.5	3017228.5	578641.0	3017221.0	578621.9	3017213.3
2912	578696.7	3017189.6	578653.4	3017172.1	578679.5	3017182.6	578662.4	3017175.8	578640.2	3017166.8

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2913	-0.9	-0.2	-0.4	-0.5	1.5	0.2	-0.2	-1.0	-0.8	-0.7
2914	-0.8	-0.4	-0.3	-0.5	0.8	0.2	-0.2	-0.2	-0.6	-0.9
2915	-0.8	-0.2	-0.3	-0.4	1.2	0.2	-0.2	-0.7	-0.8	-0.8
2916	-0.7	-0.1	-0.3	-0.4	1.4	0.2	-0.3	-1.0	-0.9	-0.8
2917	-0.7	-0.1	-0.3	-0.4	1.3	0.1	-0.3	-0.9	-0.8	-0.8
2918	-0.6	0.0	-0.2	-0.4	1.2	0.2	-0.3	-0.8	-0.8	-0.8
2919	-0.5	0.0	-0.2	-0.3	1.3	0.1	-0.2	-0.9	-0.8	-0.7
2920	-0.5	0.1	-0.2	-0.4	1.5	0.2	-0.2	-1.1	-0.9	-0.8
2921	-0.6	0.1	-0.2	-0.3	1.6	0.3	-0.2	-1.0	-0.9	-0.8
2922	-0.5	0.1	-0.1	-0.3	1.4	0.3	-0.2	-0.8	-0.8	-0.8
2923	-0.6	0.1	-0.1	-0.3	1.5	0.4	-0.2	-0.6	-0.8	-1.0
2924	-0.6	0.0	-0.1	-0.3	1.5	0.4	-0.2	-0.7	-0.8	-0.9
2925	-0.6	0.1	-0.1	-0.3	1.5	0.4	-0.2	-0.6	-0.8	-0.9
2926	-0.6	0.1	-0.1	-0.3	1.6	0.4	-0.1	-0.6	-0.8	-0.8
2927	-0.7	0.1	-0.1	-0.3	1.7	0.4	-0.1	-0.8	-0.8	-0.7
2928	-0.7	0.0	-0.1	-0.3	1.7	0.4	-0.1	-0.7	-0.7	-0.8
2929	-0.6	0.0	-0.1	-0.3	1.5	0.5	-0.1	-0.5	-0.7	-0.8
2930	-0.6	0.1	-0.1	-0.3	1.6	0.4	-0.1	-0.7	-0.7	-0.8
2931	-0.6	0.1	-0.1	-0.3	1.6	0.4	-0.1	-0.7	-0.7	-0.8
2932	-0.6	0.1	-0.1	-0.3	1.7	0.4	-0.1	-0.8	-0.8	-0.8
2933	-0.6	0.2	-0.1	-0.3	1.8	0.5	-0.1	-0.8	-0.8	-0.7
2934	-0.5	0.2	0.0	-0.2	1.9	0.5	-0.1	-0.7	-0.8	-0.8
2935	-0.5	0.2	0.0	-0.2	1.9	0.5	-0.1	-0.7	-0.8	-0.8
2936	-0.5	0.2	0.0	-0.2	1.8	0.4	0.0	-0.8	-0.7	-0.6
2937	-0.5	0.2	0.0	-0.2	1.8	0.4	0.0	-0.8	-0.7	-0.6
2938	-0.5	0.2	0.0	-0.2	1.8	0.5	0.0	-0.7	-0.6	-0.6
2939	-0.5	0.1	-0.1	-0.2	1.6	0.5	0.0	-0.6	-0.6	-0.6
2940	-0.5	0.2	-0.1	-0.2	1.7	0.4	0.0	-0.8	-0.6	-0.5
2941	-0.6	0.1	-0.1	-0.2	1.7	0.5	0.0	-0.6	-0.6	-0.6
2942	-0.6	0.2	-0.1	-0.2	1.9	0.5	0.1	-0.7	-0.6	-0.5
2943	-0.6	0.2	0.0	-0.2	2.1	0.6	0.1	-0.8	-0.6	-0.5
2944	-0.6	0.2	0.0	-0.2	2.0	0.6	0.1	-0.6	-0.6	-0.5
2945	-0.6	0.2	0.0	-0.2	2.0	0.6	0.1	-0.8	-0.6	-0.5
2946	-0.6	0.2	-0.1	-0.1	1.9	0.5	0.1	-0.8	-0.6	-0.4
2947	-0.6	0.2	-0.1	-0.1	1.9	0.4	0.1	-0.9	-0.6	-0.3
2948	-0.5	0.2	-0.1	-0.1	1.8	0.3	0.1	-1.1	-0.6	-0.2
2949	-0.5	0.3	-0.1	-0.1	1.9	0.3	0.1	-1.3	-0.6	-0.2
2950	-0.5	0.2	-0.2	-0.2	1.7	0.2	0.0	-1.2	-0.6	-0.2
2951	-0.5	0.1	-0.2	-0.2	1.4	0.2	0.0	-1.0	-0.5	-0.2
2952	-0.5	0.0	-0.2	-0.2	1.2	0.1	0.0	-0.8	-0.5	-0.3
2953	-0.5	0.1	-0.2	-0.3	1.4	0.1	-0.1	-1.1	-0.7	-0.4
2954	-0.5	0.1	-0.2	-0.3	1.4	0.1	-0.1	-1.2	-0.7	-0.4
2955	-0.5	0.0	-0.2	-0.3	1.1	0.0	-0.2	-1.0	-0.6	-0.4
2956	-0.5	0.0	-0.2	-0.3	0.9	0.0	-0.2	-0.9	-0.7	-0.5
2957	-0.5	0.0	-0.3	-0.3	1.0	-0.1	-0.2	-1.0	-0.7	-0.4
2958	-0.4	0.1	-0.2	-0.3	1.2	0.0	-0.2	-1.1	-0.7	-0.5
2959	-0.5	0.1	-0.2	-0.3	1.5	0.1	-0.1	-1.3	-0.7	-0.4
2960	-0.6	0.0	-0.2	-0.3	1.5	0.1	-0.1	-1.1	-0.7	-0.4
2961	-0.7	0.1	-0.3	-0.3	1.8	0.1	-0.1	-1.4	-0.8	-0.4
2962	-0.7	0.1	-0.2	-0.3	2.1	0.3	0.0	-1.4	-0.8	-0.4
2963	-0.7	0.1	-0.3	-0.3	2.0	0.2	-0.1	-1.5	-0.8	-0.4
2964	-0.7	0.1	-0.3	-0.3	1.9	0.1	-0.1	-1.6	-0.8	-0.3
2965	-0.7	0.0	-0.4	-0.4	1.6	0.0	-0.1	-1.4	-0.8	-0.4
2966	-0.8	0.0	-0.4	-0.4	1.9	0.1	-0.1	-1.6	-0.8	-0.3
2967	-0.9	0.0	-0.4	-0.4	2.1	0.1	0.0	-1.7	-0.8	-0.2
2968	-0.9	0.0	-0.4	-0.4	2.0	0.1	0.0	-1.6	-0.8	-0.2

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2913	578711.8	3017141.8	578672.9	3017126.1	578700.3	3017137.1	578679.5	3017128.7	578657.8	3017120.0
2914	578726.8	3017093.9	578691.6	3017079.7	578705.7	3017085.4	578700.7	3017083.4	578675.0	3017073.0
2915	578742.4	3017046.3	578709.7	3017033.1	578732.4	3017042.2	578718.2	3017036.5	578692.9	3017026.3
2916	578759.2	3016999.2	578729.6	3016987.2	578755.3	3016997.6	578735.5	3016989.6	578712.0	3016980.1
2917	578776.9	3016952.4	578749.4	3016941.3	578772.6	3016950.7	578754.3	3016943.2	578730.8	3016933.8
2918	578792.4	3016904.7	578768.2	3016894.9	578790.7	3016904.0	578774.2	3016897.4	578750.1	3016887.6
2919	578808.5	3016857.3	578786.3	3016848.3	578810.4	3016858.1	578791.9	3016850.6	578770.4	3016841.9
2920	578827.2	3016810.9	578804.4	3016801.7	578832.8	3016813.2	578811.4	3016804.5	578788.0	3016795.1
2921	578845.8	3016764.5	578821.1	3016754.5	578850.7	3016766.5	578831.4	3016758.7	578807.5	3016749.0
2922	578864.2	3016718.0	578842.3	3016709.2	578868.5	3016719.8	578852.3	3016713.2	578827.0	3016703.0
2923	578883.1	3016671.7	578858.2	3016661.7	578886.6	3016673.1	578874.7	3016668.3	578845.1	3016656.4
2924	578902.0	3016625.4	578876.4	3016615.1	578905.0	3016626.6	578891.2	3016621.1	578864.0	3016610.1
2925	578919.4	3016578.5	578894.9	3016568.6	578922.6	3016579.8	578911.0	3016575.2	578884.3	3016564.4
2926	578937.7	3016532.0	578912.3	3016521.7	578942.3	3016533.8	578929.4	3016528.6	578904.3	3016518.5
2927	578957.5	3016486.1	578929.6	3016474.8	578961.6	3016487.7	578946.0	3016481.4	578924.0	3016472.5
2928	578977.1	3016440.1	578949.3	3016428.8	578980.1	3016441.3	578966.0	3016435.6	578943.6	3016426.5
2929	578995.3	3016393.5	578969.0	3016382.8	578996.9	3016394.1	578986.5	3016389.9	578962.2	3016380.1
2930	579013.5	3016346.9	578988.4	3016336.8	579018.2	3016348.8	579004.1	3016343.1	578980.7	3016333.7
2931	579031.6	3016300.3	579006.6	3016290.2	579037.0	3016302.5	579023.5	3016297.0	579000.7	3016287.8
2932	579049.4	3016253.6	579024.5	3016243.5	579056.7	3016256.5	579041.4	3016250.3	579019.0	3016241.3
2933	579067.1	3016206.8	579044.1	3016197.5	579078.0	3016211.2	579061.8	3016204.7	579039.5	3016195.6
2934	579085.2	3016160.2	579063.3	3016151.3	579099.1	3016165.8	579084.6	3016159.9	579059.8	3016149.9
2935	579103.4	3016113.6	579082.1	3016105.0	579117.5	3016119.3	579102.3	3016113.2	579078.6	3016103.6
2936	579121.9	3016067.2	579101.9	3016059.1	579134.4	3016072.2	579118.1	3016065.6	579099.5	3016058.1
2937	579141.4	3016021.1	579120.4	3016012.6	579153.4	3016025.9	579137.7	3016019.6	579119.8	3016012.4
2938	579160.8	3015975.0	579138.1	3015965.9	579170.6	3015979.0	579157.1	3015973.5	579138.8	3015966.1
2939	579179.5	3015928.7	579157.2	3015919.6	579187.4	3015931.8	579174.8	3015926.7	579157.9	3015919.9
2940	579198.2	3015882.3	579176.1	3015873.3	579207.7	3015886.1	579191.8	3015879.7	579175.5	3015873.1
2941	579216.5	3015835.8	579193.0	3015826.3	579224.7	3015839.1	579211.8	3015833.8	579195.4	3015827.2
2942	579234.5	3015789.1	579208.9	3015778.7	579243.8	3015792.9	579229.9	3015787.2	579215.2	3015781.3
2943	579252.3	3015742.3	579227.0	3015732.1	579266.0	3015747.9	579249.3	3015741.1	579234.2	3015735.0
2944	579270.0	3015695.6	579245.8	3015685.8	579282.0	3015700.4	579269.1	3015695.2	579252.8	3015688.6
2945	579289.1	3015649.4	579265.3	3015639.7	579302.4	3015654.7	579286.7	3015648.4	579271.5	3015642.3
2946	579309.0	3015603.5	579285.5	3015594.0	579320.5	3015608.1	579304.4	3015601.6	579292.7	3015596.9
2947	579328.8	3015557.6	579305.9	3015548.3	579340.4	3015562.2	579321.5	3015554.6	579312.5	3015551.0
2948	579348.7	3015511.7	579328.0	3015503.3	579361.0	3015516.6	579338.7	3015507.6	579332.4	3015505.1
2949	579368.9	3015465.9	579349.5	3015458.1	579385.2	3015472.5	579359.4	3015462.1	579353.1	3015459.5
2950	579390.4	3015420.7	579369.5	3015412.2	579401.8	3015425.3	579377.3	3015415.4	579370.8	3015412.8
2951	579412.0	3015375.4	579390.0	3015366.6	579416.7	3015377.4	579396.2	3015369.1	579391.7	3015367.3
2952	579434.2	3015330.5	579412.3	3015321.6	579434.1	3015330.5	579418.0	3015323.9	579408.9	3015320.3
2953	579456.8	3015285.7	579434.4	3015276.6	579460.9	3015287.3	579439.4	3015278.7	579426.9	3015273.6
2954	579477.2	3015240.0	579456.3	3015231.6	579483.2	3015242.4	579459.3	3015232.8	579446.3	3015227.5
2955	579497.2	3015194.2	579477.7	3015186.3	579497.3	3015194.2	579477.3	3015186.1	579464.9	3015181.1
2956	579517.5	3015148.5	579498.6	3015140.8	579516.1	3015147.9	579498.3	3015140.7	579482.8	3015134.4
2957	579537.6	3015102.7	579518.1	3015094.8	579536.0	3015102.0	579515.6	3015093.8	579503.0	3015088.7
2958	579554.6	3015055.6	579536.6	3015048.3	579558.5	3015057.2	579536.2	3015048.1	579522.0	3015042.4
2959	579572.4	3015008.9	579552.1	3015000.7	579580.3	3015012.1	579554.8	3015001.7	579543.4	3014997.2
2960	579595.4	3014964.2	579570.6	3014954.2	579598.1	3014965.3	579576.1	3014956.4	579562.8	3014951.0
2961	579617.4	3014919.2	579590.0	3014908.1	579623.0	3014921.4	579594.7	3014910.0	579583.8	3014905.6
2962	579636.9	3014873.1	579607.2	3014861.1	579645.4	3014876.6	579616.9	3014865.0	579604.8	3014860.1
2963	579659.2	3014828.2	579629.0	3014816.0	579666.3	3014831.1	579636.5	3014819.0	579624.4	3014814.2
2964	579682.2	3014783.6	579652.6	3014771.6	579687.4	3014785.7	579655.4	3014772.8	579646.8	3014769.3
2965	579704.8	3014738.8	579674.5	3014726.5	579704.9	3014738.8	579676.3	3014727.3	579664.9	3014722.7
2966	579727.2	3014693.9	579693.0	3014680.1	579727.4	3014694.0	579696.0	3014681.3	579685.9	3014677.2
2967	579749.5	3014649.0	579712.1	3014633.9	579751.0	3014649.6	579715.8	3014635.4	579709.1	3014632.7
2968	579771.8	3014604.1	579732.7	3014588.3	579769.1	3014603.0	579737.3	3014590.1	579730.4	3014587.4

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
2969	-1.0	-0.1	-0.4	-0.4	1.8	0.2	0.0	-1.2	-0.7	-0.3
2970	-0.9	-0.2	-0.4	-0.3	1.5	0.3	0.0	-0.9	-0.5	-0.3
2971	-1.0	-0.3	-0.4	-0.3	1.2	0.2	0.0	-0.8	-0.4	-0.2
2972	-1.0	-0.4	-0.5	-0.4	1.0	0.0	0.1	-0.9	-0.3	0.1
2973	-1.1	-0.5	-0.5	-0.3	0.8	0.0	0.1	-0.7	-0.2	0.2
2974	-1.1	-0.5	-0.5	-0.3	0.8	0.1	0.1	-0.6	-0.1	0.2
2975	-1.1	-0.6	-0.5	-0.3	0.6	0.1	0.1	-0.4	-0.1	0.2
2976	-1.1	-0.7	-0.6	-0.3	0.1	0.0	0.1	-0.2	0.1	0.3
2977	-1.1	-0.7	-0.6	-0.4	0.2	-0.1	0.1	-0.4	0.0	0.3
2978	-1.1	-0.6	-0.7	-0.4	0.4	-0.2	0.1	-0.8	-0.1	0.4
2979	-1.1	-0.7	-0.6	-0.4	0.3	-0.1	0.0	-0.4	0.0	0.2
2980	-1.1	-0.7	-0.6	-0.4	0.3	0.0	0.0	-0.3	-0.1	0.1
2981	-1.2	-0.7	-0.6	-0.4	0.5	0.0	0.0	-0.5	-0.1	0.1
2982	-1.2	-0.6	-0.7	-0.4	0.6	-0.2	0.1	-0.9	-0.1	0.4
2983	-1.1	-0.6	-0.6	-0.4	0.6	-0.1	0.1	-0.8	-0.1	0.3
2984	-1.1	-0.6	-0.5	-0.4	0.7	0.1	0.1	-0.5	-0.2	0.1
2985	-1.2	-0.5	-0.5	-0.4	0.8	0.2	0.1	-0.4	-0.2	-0.1
2986	-1.2	-0.5	-0.5	-0.4	0.9	0.2	0.1	-0.3	-0.2	-0.1
2987	-1.1	-0.5	-0.5	-0.3	0.9	0.2	0.2	-0.3	-0.1	0.1
2988	-1.0	-0.5	-0.4	-0.3	0.6	0.3	0.2	0.0	0.0	0.1
2989	-1.0	-0.5	-0.4	-0.2	0.6	0.2	0.2	-0.2	0.1	0.2
2990	-1.0	-0.5	-0.4	-0.2	0.5	0.2	0.2	-0.1	0.1	0.3
2991	-0.9	-0.5	-0.4	-0.2	0.6	0.2	0.2	-0.2	0.1	0.2
2992	-0.8	-0.4	-0.4	-0.2	0.6	0.1	0.2	-0.3	0.0	0.2
2993	-0.8	-0.3	-0.4	-0.2	0.7	0.1	0.2	-0.5	0.0	0.3
2994	-0.7	-0.3	-0.3	-0.2	0.8	0.1	0.2	-0.5	0.0	0.3
2995	-0.7	-0.2	-0.3	-0.1	1.0	0.1	0.2	-0.6	-0.1	0.3
2996	-0.7	-0.1	-0.3	-0.1	1.1	0.1	0.2	-0.9	-0.1	0.4
2997	-0.7	-0.1	-0.3	-0.1	1.1	0.1	0.2	-0.9	-0.1	0.4
2998	-0.6	-0.2	-0.3	-0.1	0.8	0.0	0.2	-0.7	-0.1	0.4
2999	-0.7	-0.2	-0.4	-0.2	0.9	0.0	0.1	-0.9	-0.2	0.4
3000	-0.7	-0.1	-0.3	-0.2	1.4	0.1	0.2	-1.1	-0.3	0.2
3001	-0.8	-0.1	-0.4	-0.2	1.5	0.1	0.2	-1.2	-0.3	0.3
3002	-0.9	-0.1	-0.3	-0.2	1.5	0.2	0.2	-0.9	-0.3	0.2
3003	-0.9	-0.1	-0.3	-0.2	1.8	0.4	0.2	-0.9	-0.4	0.0
3004	-0.9	0.0	-0.3	-0.2	2.0	0.4	0.2	-1.1	-0.4	0.1
3005	-0.8	-0.1	-0.3	-0.2	1.6	0.3	0.2	-0.9	-0.3	0.2
3006	-0.8	-0.2	-0.3	-0.2	1.3	0.3	0.2	-0.5	-0.2	0.1
3007	-0.8	-0.2	-0.3	-0.2	1.2	0.3	0.2	-0.6	-0.2	0.0
3008	-0.8	-0.2	-0.3	-0.2	1.0	0.2	0.1	-0.6	-0.2	0.1
3009	-0.7	-0.2	-0.3	-0.2	0.9	0.1	0.2	-0.6	-0.1	0.3
3010	-0.7	-0.3	-0.4	-0.1	0.7	0.0	0.2	-0.6	0.1	0.5
3011	-0.7	-0.3	-0.4	-0.1	0.5	0.0	0.2	-0.5	0.1	0.5
3012	-0.7	-0.3	-0.4	-0.1	0.6	0.1	0.2	-0.5	0.1	0.5
3013	-0.7	-0.3	-0.3	-0.1	0.7	0.1	0.3	-0.4	0.1	0.5
3014	-0.7	-0.3	-0.3	-0.1	0.7	0.1	0.3	-0.4	0.1	0.4
3015	-0.6	-0.3	-0.3	-0.1	0.6	0.0	0.2	-0.4	0.1	0.5
3016	-0.6	-0.3	-0.3	-0.1	0.3	0.0	0.2	-0.3	0.1	0.4
3017	-0.5	-0.3	-0.3	-0.1	0.2	0.0	0.2	-0.2	0.2	0.4
3018	-0.5	-0.3	-0.2	-0.1	0.2	0.0	0.2	-0.2	0.2	0.4
3019	-0.4	-0.3	-0.2	0.0	0.1	0.0	0.2	-0.1	0.2	0.5
3020	-0.4	-0.3	-0.3	0.0	0.1	-0.1	0.2	-0.3	0.2	0.6
3021	-0.5	-0.3	-0.3	-0.1	0.2	-0.1	0.2	-0.3	0.3	0.6
3022	-0.6	-0.3	-0.3	-0.1	0.3	-0.1	0.2	-0.3	0.2	0.5
3023	-0.6	-0.4	-0.3	-0.1	0.2	0.0	0.2	-0.2	0.2	0.5
3024	-0.7	-0.4	-0.4	-0.1	0.3	0.0	0.2	-0.2	0.2	0.4

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
2969	579793.4	3014558.9	579752.0	3014542.1	579785.9	3014555.8	579761.3	3014545.9	579752.8	3014542.5
2970	579813.7	3014513.1	579774.5	3014497.3	579802.7	3014508.7	579785.2	3014501.6	579775.4	3014497.7
2971	579836.5	3014468.4	579796.5	3014452.3	579819.5	3014461.6	579804.3	3014455.4	579799.6	3014453.5
2972	579861.4	3014424.6	579818.0	3014407.1	579836.3	3014414.4	579818.5	3014407.2	579821.9	3014408.6
2973	579883.8	3014379.7	579838.7	3014361.5	579854.3	3014367.8	579840.1	3014362.0	579845.6	3014364.2
2974	579905.7	3014334.6	579860.3	3014316.3	579875.0	3014322.2	579863.1	3014317.4	579868.6	3014319.6
2975	579927.6	3014289.5	579882.5	3014271.3	579893.6	3014275.8	579885.7	3014272.6	579890.3	3014274.5
2976	579949.4	3014244.4	579905.4	3014226.6	579907.2	3014227.4	579903.8	3014226.0	579912.3	3014229.4
2977	579972.6	3014199.9	579928.9	3014182.2	579932.8	3014183.8	579925.0	3014180.6	579933.8	3014184.2
2978	579995.9	3014155.4	579951.1	3014137.3	579958.6	3014140.3	579943.1	3014134.0	579955.4	3014139.0
2979	580019.1	3014110.8	579973.0	3014092.2	579978.0	3014094.2	579970.3	3014091.1	579975.7	3014093.2
2980	580042.1	3014066.2	579994.4	3014046.9	580000.1	3014049.2	579993.1	3014046.4	579995.3	3014047.3
2981	580065.1	3014021.5	580015.2	3014001.4	580024.1	3014005.0	580014.0	3014000.9	580018.4	3014002.7
2982	580087.4	3013976.6	580039.4	3013957.2	580050.3	3013961.6	580032.5	3013954.4	580045.2	3013959.6
2983	580109.0	3013931.4	580062.9	3013912.8	580074.5	3013917.5	580058.2	3013910.9	580067.4	3013914.6
2984	580130.7	3013886.3	580083.9	3013867.3	580097.4	3013872.8	580087.2	3013868.7	580089.8	3013869.7
2985	580153.3	3013841.5	580105.4	3013822.1	580121.1	3013828.5	580113.2	3013825.3	580111.7	3013824.6
2986	580175.9	3013796.6	580127.8	3013777.2	580144.0	3013783.8	580137.3	3013781.0	580134.9	3013780.1
2987	580195.7	3013750.7	580150.0	3013732.3	580166.3	3013738.9	580159.3	3013736.0	580162.0	3013737.1
2988	580214.8	3013704.5	580172.7	3013687.5	580182.9	3013691.6	580183.2	3013691.7	580185.4	3013692.6
2989	580234.5	3013658.6	580193.8	3013642.1	580205.7	3013646.9	580201.6	3013645.3	580208.3	3013648.0
2990	580254.4	3013612.7	580214.7	3013596.6	580224.6	3013600.6	580221.7	3013599.5	580229.2	3013602.5
2991	580274.2	3013566.7	580236.4	3013551.5	580246.6	3013555.6	580243.3	3013554.3	580249.2	3013556.6
2992	580293.7	3013520.7	580259.5	3013506.9	580270.3	3013511.2	580264.9	3013509.0	580270.0	3013511.1
2993	580313.2	3013474.6	580281.3	3013461.8	580294.4	3013467.0	580285.0	3013463.2	580292.9	3013466.5
2994	580332.6	3013428.6	580301.7	3013416.1	580316.0	3013421.8	580306.3	3013417.9	580315.4	3013421.6
2995	580352.1	3013382.5	580322.0	3013370.3	580340.8	3013378.0	580327.7	3013372.7	580336.0	3013376.0
2996	580372.3	3013336.7	580344.2	3013325.4	580365.3	3013333.9	580346.4	3013326.3	580359.1	3013331.4
2997	580393.2	3013291.3	580365.9	3013280.2	580386.5	3013288.6	580369.0	3013281.5	580382.4	3013286.9
2998	580416.2	3013246.6	580390.0	3013236.0	580404.6	3013241.9	580389.9	3013236.0	580400.8	3013240.4
2999	580439.2	3013202.0	580411.5	3013190.8	580428.7	3013197.8	580409.9	3013190.2	580421.2	3013194.7
3000	580462.5	3013157.5	580431.8	3013145.1	580458.0	3013155.7	580435.6	3013146.6	580443.0	3013149.6
3001	580486.2	3013113.1	580452.0	3013099.3	580480.1	3013110.6	580456.1	3013100.9	580465.3	3013104.7
3002	580508.7	3013068.3	580473.1	3013053.9	580501.1	3013065.2	580482.6	3013057.7	580487.3	3013059.6
3003	580529.7	3013022.9	580493.6	3013008.3	580526.0	3013021.4	580507.3	3013013.8	580508.4	3013014.2
3004	580550.3	3012977.3	580514.3	3012962.7	580551.2	3012977.6	580528.1	3012968.3	580530.7	3012969.3
3005	580570.7	3012931.6	580537.3	3012918.0	580566.6	3012929.9	580549.0	3012922.8	580553.9	3012924.8
3006	580594.1	3012887.1	580559.7	3012873.2	580584.1	3012883.0	580573.1	3012878.6	580574.7	3012879.3
3007	580617.5	3012842.6	580583.4	3012828.8	580605.4	3012837.7	580594.1	3012833.2	580593.7	3012833.0
3008	580639.0	3012797.4	580607.4	3012784.6	580625.4	3012791.9	580614.1	3012787.3	580617.2	3012788.6
3009	580661.1	3012752.4	580630.4	3012740.0	580647.4	3012746.8	580634.8	3012741.8	580642.8	3012745.0
3010	580685.1	3012708.2	580655.5	3012696.2	580669.2	3012701.7	580656.8	3012696.7	580671.8	3012702.8
3011	580708.5	3012663.7	580678.4	3012651.5	580687.7	3012655.3	580678.4	3012651.5	580694.4	3012658.0
3012	580731.3	3012619.0	580700.4	3012606.5	580712.1	3012611.2	580702.4	3012607.3	580717.0	3012613.2
3013	580752.5	3012573.6	580722.0	3012561.3	580734.6	3012566.4	580725.8	3012562.8	580741.0	3012568.9
3014	580773.8	3012528.3	580745.0	3012516.7	580757.2	3012521.6	580749.7	3012518.5	580763.0	3012523.9
3015	580795.9	3012483.3	580769.4	3012472.6	580780.1	3012476.9	580771.0	3012473.2	580784.7	3012478.8
3016	580816.3	3012437.6	580792.3	3012427.9	580798.1	3012430.2	580792.2	3012427.9	580804.5	3012432.8
3017	580836.6	3012391.9	580814.9	3012383.1	580818.9	3012384.7	580815.2	3012383.2	580826.8	3012387.9
3018	580857.6	3012346.4	580837.6	3012338.4	580841.4	3012339.9	580838.2	3012338.6	580851.1	3012343.8
3019	580878.8	3012301.1	580861.1	3012293.9	580863.5	3012294.9	580860.9	3012293.8	580875.0	3012299.5
3020	580903.1	3012257.0	580884.5	3012249.4	580886.3	3012250.2	580880.0	3012247.6	580898.3	3012255.0
3021	580928.6	3012213.3	580906.8	3012204.5	580909.9	3012205.8	580903.8	3012203.3	580922.8	3012211.0
3022	580953.0	3012169.3	580929.0	3012159.6	580933.7	3012161.5	580926.9	3012158.7	580942.6	3012165.1
3023	580976.7	3012124.9	580950.3	3012114.3	580953.6	3012115.6	580950.5	3012114.3	580963.9	3012119.7
3024	581000.7	3012080.7	580972.0	3012069.1	580977.0	3012071.1	580972.2	3012069.2	580984.6	3012074.2

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3025	-0.7	-0.4	-0.4	-0.1	0.3	0.0	0.2	-0.3	0.2	0.5
3026	-0.7	-0.3	-0.4	-0.1	0.6	0.0	0.2	-0.6	0.1	0.6
3027	-0.7	-0.1	-0.3	-0.1	1.0	0.0	0.2	-0.9	-0.1	0.5
3028	-0.6	-0.1	-0.3	-0.1	1.0	0.1	0.3	-0.7	0.0	0.5
3029	-0.6	-0.1	-0.3	-0.1	1.0	0.1	0.3	-0.8	0.0	0.5
3030	-0.7	-0.1	-0.3	-0.1	1.1	0.2	0.2	-0.7	-0.1	0.3
3031	-0.7	-0.2	-0.4	-0.1	0.8	0.0	0.2	-0.8	0.0	0.6
3032	-0.6	-0.2	-0.4	-0.1	0.6	-0.1	0.2	-0.7	0.1	0.6
3033	-0.5	-0.2	-0.3	0.0	0.5	0.0	0.3	-0.5	0.2	0.6
3034	-0.5	-0.3	-0.3	0.0	0.3	0.0	0.2	-0.2	0.2	0.5
3035	-0.5	-0.4	-0.3	-0.1	0.0	0.1	0.2	0.1	0.3	0.4
3036	-0.6	-0.5	-0.3	-0.1	-0.1	0.1	0.2	0.3	0.3	0.3
3037	-0.6	-0.5	-0.3	-0.1	-0.2	0.0	0.1	0.2	0.3	0.3
3038	-0.5	-0.5	-0.4	-0.1	-0.3	-0.2	0.1	-0.1	0.2	0.4
3039	-0.6	-0.4	-0.4	-0.1	0.0	-0.1	0.1	-0.2	0.2	0.5
3040	-0.6	-0.4	-0.4	-0.1	0.1	-0.1	0.1	-0.3	0.2	0.5
3041	-0.6	-0.3	-0.3	-0.1	0.2	-0.1	0.1	-0.4	0.1	0.4
3042	-0.5	-0.3	-0.2	-0.1	0.3	0.1	0.2	-0.1	0.1	0.3
3043	-0.5	-0.2	-0.2	-0.1	0.2	0.0	0.1	-0.2	0.1	0.3
3044	-0.4	-0.3	-0.3	-0.1	0.0	-0.1	0.1	-0.1	0.1	0.3
3045	-0.3	-0.3	-0.3	-0.1	-0.2	-0.2	0.0	-0.1	0.1	0.2
3046	-0.4	-0.3	-0.3	-0.2	0.0	-0.2	0.0	-0.3	0.0	0.2
3047	-0.5	-0.4	-0.3	-0.2	0.1	0.0	0.1	0.0	0.1	0.1
3048	-0.4	-0.3	-0.2	-0.1	0.0	0.1	0.1	0.2	0.1	0.0
3049	-0.3	-0.3	-0.1	-0.1	-0.1	0.1	0.1	0.3	0.1	0.0
3050	-0.4	-0.4	-0.2	-0.1	-0.3	0.1	0.1	0.4	0.2	0.1
3051	-0.4	-0.4	-0.2	-0.1	-0.5	0.0	0.1	0.4	0.3	0.3
3052	-0.4	-0.4	-0.3	-0.1	-0.3	-0.1	0.1	0.0	0.3	0.4
3053	-0.4	-0.3	-0.3	-0.1	-0.1	-0.1	0.0	-0.2	0.1	0.2
3054	-0.3	-0.3	-0.3	-0.1	-0.1	-0.2	0.0	-0.3	0.0	0.2
3055	-0.2	-0.2	-0.3	-0.1	-0.2	-0.3	-0.1	-0.4	-0.1	0.2
3056	-0.3	-0.2	-0.3	-0.2	0.1	-0.3	-0.1	-0.7	-0.2	0.2
3057	-0.4	-0.2	-0.4	-0.2	0.2	-0.3	-0.1	-0.8	-0.2	0.2
3058	-0.4	-0.2	-0.3	-0.2	0.3	-0.3	0.0	-0.8	-0.2	0.3
3059	-0.4	-0.2	-0.4	-0.2	0.3	-0.3	0.0	-0.8	-0.1	0.3
3060	-0.5	-0.3	-0.4	-0.3	0.2	-0.2	-0.1	-0.6	-0.2	0.0
3061	-0.6	-0.4	-0.4	-0.3	0.0	-0.2	-0.1	-0.3	-0.2	-0.1
3062	-0.6	-0.4	-0.5	-0.3	0.0	-0.4	-0.2	-0.7	-0.2	0.1
3063	-0.6	-0.4	-0.5	-0.3	-0.1	-0.5	-0.2	-0.8	-0.2	0.2
3064	-0.6	-0.4	-0.5	-0.3	-0.2	-0.4	-0.1	-0.6	-0.1	0.2
3065	-0.6	-0.3	-0.4	-0.3	0.2	-0.3	-0.1	-0.7	-0.2	0.2
3066	-0.6	-0.4	-0.5	-0.2	0.0	-0.3	0.0	-0.7	0.0	0.5
3067	-0.6	-0.4	-0.5	-0.2	0.0	-0.3	0.0	-0.6	0.0	0.4
3068	-0.5	-0.3	-0.5	-0.3	0.1	-0.4	-0.1	-0.9	-0.1	0.3
3069	-0.5	-0.3	-0.5	-0.2	0.4	-0.4	-0.1	-1.1	-0.2	0.4
3070	-0.4	-0.2	-0.5	-0.2	0.4	-0.5	-0.1	-1.4	-0.3	0.5
3071	-0.4	-0.1	-0.4	-0.2	0.5	-0.4	-0.1	-1.3	-0.3	0.3
3072	-0.3	-0.1	-0.4	-0.2	0.6	-0.4	-0.1	-1.2	-0.3	0.3
3073	-0.3	-0.1	-0.3	-0.2	0.5	-0.2	-0.1	-0.9	-0.3	0.1
3074	-0.4	-0.1	-0.3	-0.2	0.5	-0.2	-0.1	-0.8	-0.3	0.1
3075	-0.4	-0.1	-0.3	-0.2	0.4	-0.1	-0.1	-0.6	-0.2	0.0
3076	-0.4	-0.2	-0.2	-0.2	0.2	-0.1	-0.1	-0.4	-0.2	-0.1
3077	-0.4	-0.2	-0.2	-0.2	0.2	0.0	-0.1	-0.2	-0.2	-0.2
3078	-0.4	-0.3	-0.2	-0.2	-0.1	0.0	-0.1	0.0	-0.1	-0.2
3079	-0.4	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	-0.1
3080	-0.4	-0.3	-0.3	-0.2	-0.1	-0.2	-0.1	-0.3	-0.1	0.0

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3025	581024.1	3012036.2	580994.9	3012024.4	581000.2	3012026.5	580993.1	3012023.7	581008.3	3012029.8
3026	581045.9	3011991.1	581017.8	3011979.7	581028.4	3011984.0	581016.1	3011979.1	581033.8	3011986.2
3027	581066.9	3011945.6	581039.7	3011934.6	581058.9	3011942.4	581041.4	3011935.4	581055.9	3011941.2
3028	581087.1	3011899.9	581061.4	3011889.5	581079.2	3011896.7	581064.4	3011890.7	581078.8	3011896.5
3029	581110.0	3011855.2	581083.5	3011844.5	581102.5	3011852.2	581086.6	3011845.8	581102.1	3011852.0
3030	581133.1	3011810.6	581105.0	3011799.3	581124.6	3011807.2	581110.9	3011801.7	581120.8	3011805.6
3031	581157.0	3011766.3	581128.0	3011754.6	581143.0	3011760.7	581126.9	3011754.2	581144.0	3011761.1
3032	581178.2	3011721.0	581152.4	3011710.6	581164.4	3011715.4	581149.4	3011709.3	581167.3	3011716.6
3033	581197.2	3011674.7	581174.9	3011665.7	581184.1	3011669.4	581174.9	3011665.7	581192.2	3011672.7
3034	581219.0	3011629.6	581197.2	3011620.8	581201.9	3011622.7	581198.4	3011621.3	581213.7	3011627.5
3035	581241.2	3011584.7	581218.7	3011575.5	581218.5	3011575.5	581220.8	3011576.4	581233.5	3011581.5
3036	581264.1	3011540.0	581238.2	3011529.5	581236.0	3011528.6	581241.8	3011531.0	581251.3	3011534.8
3037	581287.0	3011495.3	581262.7	3011485.5	581258.1	3011483.6	581262.9	3011485.6	581271.1	3011488.9
3038	581310.4	3011450.8	581287.9	3011441.8	581283.3	3011439.9	581280.8	3011438.9	581294.2	3011444.3
3039	581333.7	3011406.3	581308.7	3011396.2	581308.9	3011396.3	581303.8	3011394.3	581318.0	3011400.0
3040	581356.0	3011361.4	581330.6	3011351.1	581332.0	3011351.7	581325.3	3011349.0	581340.8	3011355.3
3041	581377.9	3011316.3	581354.5	3011306.9	581358.2	3011308.4	581351.0	3011305.5	581363.3	3011310.4
3042	581397.8	3011270.5	581376.2	3011261.7	581381.1	3011263.7	581378.2	3011262.5	581387.2	3011266.2
3043	581417.2	3011224.4	581398.5	3011216.8	581402.3	3011218.3	581398.2	3011216.7	581407.9	3011220.6
3044	581439.8	3011179.6	581422.5	3011172.6	581422.2	3011172.5	581419.4	3011171.3	581428.2	3011174.9
3045	581462.3	3011134.7	581447.9	3011128.9	581444.5	3011127.5	581441.6	3011126.4	581448.3	3011129.1
3046	581486.3	3011090.5	581468.2	3011083.2	581468.5	3011083.3	581461.4	3011080.4	581467.1	3011082.7
3047	581510.2	3011046.2	581487.7	3011037.1	581489.1	3011037.7	581489.2	3011037.7	581491.6	3011038.7
3048	581530.9	3011000.7	581512.8	3010993.3	581513.0	3010993.4	581516.8	3010995.0	581516.4	3010994.8
3049	581551.2	3010954.9	581537.1	3010949.2	581535.1	3010948.4	581540.2	3010950.5	581541.6	3010951.0
3050	581576.7	3010911.3	581560.8	3010904.9	581555.4	3010902.7	581564.1	3010906.2	581567.3	3010907.5
3051	581602.1	3010867.7	581584.6	3010860.6	581576.0	3010857.1	581583.1	3010860.0	581591.4	3010863.3
3052	581625.0	3010822.9	581607.1	3010815.7	581602.0	3010813.7	581602.0	3010813.7	581614.9	3010818.9
3053	581646.5	3010777.7	581630.3	3010771.2	581628.4	3010770.4	581625.2	3010769.1	581631.6	3010771.7
3054	581667.5	3010732.3	581654.4	3010727.0	581651.9	3010726.0	581646.7	3010723.9	581652.0	3010726.0
3055	581688.1	3010686.7	581679.0	3010683.0	581674.6	3010681.2	581666.4	3010677.9	581672.0	3010680.2
3056	581713.8	3010643.2	581700.9	3010637.9	581701.9	3010638.3	581687.4	3010632.5	581693.9	3010635.1
3057	581739.6	3010599.7	581722.7	3010592.8	581726.2	3010594.2	581710.7	3010588.0	581717.4	3010590.7
3058	581763.0	3010555.2	581745.2	3010548.0	581751.1	3010550.4	581735.4	3010544.0	581743.3	3010547.2
3059	581786.7	3010510.8	581768.6	3010503.5	581774.1	3010505.7	581758.5	3010499.4	581767.4	3010503.0
3060	581812.7	3010467.4	581790.7	3010458.5	581794.0	3010459.8	581782.2	3010455.1	581783.3	3010455.5
3061	581838.6	3010423.9	581813.3	3010413.7	581813.2	3010413.7	581806.5	3010411.0	581804.4	3010410.1
3062	581862.9	3010379.8	581837.1	3010369.4	581837.6	3010369.6	581823.3	3010363.8	581825.6	3010364.8
3063	581886.7	3010335.5	581863.8	3010326.2	581861.5	3010325.3	581845.7	3010319.0	581852.2	3010321.6
3064	581910.3	3010291.1	581886.6	3010281.5	581883.8	3010280.4	581872.2	3010275.7	581876.9	3010277.6
3065	581933.4	3010246.5	581908.8	3010236.6	581913.0	3010238.3	581898.0	3010232.2	581904.1	3010234.7
3066	581956.5	3010201.9	581931.3	3010191.7	581931.8	3010192.0	581918.7	3010186.6	581932.3	3010192.2
3067	581980.5	3010157.7	581956.4	3010148.0	581955.8	3010147.7	581943.4	3010142.7	581954.7	3010147.3
3068	582004.7	3010113.6	581982.8	3010104.7	581984.2	3010105.2	581966.8	3010098.2	581976.8	3010102.3
3069	582028.2	3010069.1	582006.2	3010060.2	582012.9	3010062.9	581990.6	3010053.9	582001.5	3010058.3
3070	582050.7	3010024.3	582032.5	3010016.9	582040.4	3010020.1	582011.2	3010008.3	582025.8	3010014.2
3071	582071.6	3009978.8	582056.5	3009972.7	582065.9	3009976.5	582039.6	3009965.9	582049.9	3009970.0
3072	582091.9	3009933.1	582077.5	3009927.3	582088.4	3009931.6	582063.2	3009921.5	582072.0	3009925.0
3073	582111.3	3009887.0	582098.1	3009881.6	582107.6	3009885.5	582089.9	3009878.3	582092.3	3009879.3
3074	582136.6	3009843.3	582121.7	3009837.3	582131.0	3009841.0	582114.7	3009834.4	582116.3	3009835.1
3075	582161.4	3009799.4	582145.5	3009792.9	582153.0	3009796.0	582140.9	3009791.1	582142.1	3009791.6
3076	582185.2	3009755.0	582170.3	3009749.0	582174.3	3009750.7	582166.1	3009747.4	582164.6	3009746.8
3077	582212.5	3009712.1	582195.2	3009705.2	582198.6	3009706.6	582193.8	3009704.6	582188.7	3009702.5
3078	582239.4	3009669.1	582222.0	3009662.1	582221.1	3009661.7	582220.3	3009661.4	582213.9	3009658.8
3079	582264.8	3009625.4	582250.1	3009619.5	582246.3	3009618.0	582242.0	3009616.2	582239.3	3009615.1
3080	582291.2	3009582.2	582274.5	3009575.5	582272.7	3009574.7	582266.9	3009572.4	582267.4	3009572.6

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3081	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.1	-0.2	0.0	0.1
3082	-0.2	-0.3	-0.3	-0.1	-0.3	-0.3	-0.1	-0.3	0.0	0.2
3083	0.0	-0.2	-0.2	-0.1	-0.7	-0.4	-0.2	-0.1	0.0	0.1
3084	-0.2	-0.1	-0.2	-0.2	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2
3085	-0.2	-0.1	-0.1	-0.2	0.0	-0.1	-0.1	-0.1	-0.2	-0.2
3086	-0.1	-0.2	-0.1	-0.1	-0.5	-0.2	-0.2	0.1	0.0	-0.1
3087	-0.2	-0.2	-0.2	-0.1	-0.2	-0.2	0.0	-0.1	0.1	0.2
3088	-0.2	-0.2	-0.2	-0.1	-0.3	-0.2	0.0	-0.1	0.1	0.2
3089	-0.2	-0.3	-0.3	-0.1	-0.4	-0.3	0.0	-0.1	0.1	0.2
3090	-0.3	-0.3	-0.1	-0.1	-0.3	0.0	0.0	0.3	0.1	-0.1
3091	-0.3	-0.3	-0.1	-0.2	-0.4	0.0	-0.1	0.4	0.0	-0.3
3092	-0.3	-0.4	-0.2	-0.2	-0.5	-0.1	-0.1	0.3	0.1	-0.1
3093	-0.3	-0.4	-0.3	-0.1	-0.6	-0.2	0.0	0.1	0.1	0.2
3094	-0.4	-0.4	-0.2	-0.1	-0.4	-0.1	0.0	0.2	0.2	0.1
3095	-0.5	-0.4	-0.2	-0.1	-0.3	0.2	0.1	0.6	0.2	-0.1
3096	-0.3	-0.3	-0.1	-0.1	-0.4	0.0	0.0	0.5	0.1	-0.1
3097	-0.1	-0.2	-0.1	-0.1	-0.5	-0.1	-0.1	0.2	0.1	0.0
3098	0.0	-0.1	-0.1	-0.1	-0.3	-0.1	-0.2	0.1	-0.1	-0.2
3099	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.1	0.1	0.0	-0.1
3100	-0.4	-0.3	-0.2	-0.2	0.0	0.1	-0.1	0.3	-0.1	-0.4
3101	-0.4	-0.3	-0.2	-0.2	-0.1	0.0	-0.1	0.0	-0.1	-0.2
3102	-0.3	-0.2	-0.2	-0.2	0.0	-0.1	-0.1	-0.2	-0.1	0.0
3103	-0.4	-0.3	-0.2	-0.2	0.0	0.0	0.0	0.1	0.0	-0.1
3104	-0.6	-0.3	-0.2	-0.2	0.4	0.2	0.0	0.0	-0.1	-0.2
3105	-0.4	-0.3	-0.2	-0.2	0.1	0.1	-0.1	0.1	-0.1	-0.3
3106	-0.3	-0.3	-0.2	-0.2	-0.3	0.0	-0.1	0.2	-0.1	-0.2
3107	-0.4	-0.4	-0.2	-0.2	-0.3	0.0	-0.1	0.2	0.0	-0.2
3108	-0.4	-0.3	-0.2	-0.1	-0.3	0.0	0.0	0.3	0.1	-0.1
3109	-0.4	-0.4	-0.2	-0.1	-0.3	0.0	0.0	0.3	0.2	0.1
3110	-0.4	-0.3	-0.2	-0.1	-0.1	0.1	0.0	0.3	0.0	-0.1
3111	-0.3	-0.3	-0.2	-0.1	-0.3	0.0	0.0	0.3	0.1	-0.1
3112	-0.1	-0.3	-0.1	-0.1	-0.8	-0.2	-0.1	0.4	0.1	0.0
3113	-0.1	-0.3	-0.1	-0.1	-0.8	-0.2	-0.1	0.4	0.2	0.0
3114	-0.2	-0.4	-0.2	-0.1	-0.7	-0.1	-0.1	0.4	0.1	-0.1
3115	-0.3	-0.4	-0.2	-0.1	-0.6	-0.1	0.0	0.4	0.2	0.0
3116	-0.3	-0.3	-0.2	-0.2	-0.3	-0.1	-0.1	0.0	0.0	0.0
3117	-0.4	-0.4	-0.3	-0.2	-0.5	-0.2	-0.1	0.0	0.0	0.0
3118	-0.5	-0.4	-0.3	-0.2	-0.3	0.0	0.0	0.3	0.1	0.0
3119	-0.5	-0.4	-0.3	-0.2	-0.2	-0.1	0.0	0.1	0.1	0.0
3120	-0.3	-0.4	-0.3	-0.2	-0.6	-0.3	-0.1	0.0	0.1	0.1
3121	-0.3	-0.5	-0.3	-0.2	-0.8	-0.2	-0.2	0.4	0.0	-0.2
3122	-0.2	-0.3	-0.2	-0.2	-0.4	-0.2	-0.1	0.0	0.0	0.0
3123	-0.3	-0.4	-0.2	-0.2	-0.6	-0.1	-0.1	0.3	0.1	-0.1
3124	-0.3	-0.5	-0.3	-0.4	-1.0	-0.2	-0.4	0.5	-0.2	-0.6
3125	-0.1	-0.4	-0.1	-0.4	-1.1	-0.2	-0.5	0.6	-0.3	-0.9
3126	-0.3	-0.3	0.0	-0.4	-0.3	0.3	-0.4	0.9	-0.5	-1.4
3127	-0.7	-0.4	0.1	-0.4	0.2	1.0	-0.3	1.8	-0.4	-1.9
3128	-0.7	-0.6	0.2	-0.4	-0.2	1.2	-0.3	2.5	-0.3	-2.2
3129	-0.8	-0.6	0.3	-0.4	-0.2	1.4	-0.2	2.8	-0.2	-2.3
3130	-0.8	-0.6	0.4	-0.4	-0.3	1.7	-0.1	3.5	0.0	-2.4
3131	-0.8	-0.8	0.5	-0.3	-0.8	1.8	0.0	4.1	0.3	-2.4
3132	-1.0	-0.9	0.5	-0.3	-0.9	2.1	0.0	4.8	0.4	-2.7
3133	-1.2	-1.1	0.5	-0.4	-0.8	2.4	0.2	5.2	0.5	-2.7
3134	-1.2	-1.0	0.7	-0.3	-0.7	2.6	0.2	5.6	0.6	-2.9
3135	-1.4	-1.0	0.8	-0.2	-0.2	3.2	0.6	6.4	0.9	-2.9
3136	-1.9	-1.0	0.9	-0.1	1.2	4.0	1.1	6.5	1.0	-2.7

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3081	582317.1	3009538.7	582303.2	3009533.1	582299.7	3009531.7	582295.4	3009529.9	582298.8	3009531.3
3082	582340.0	3009494.0	582331.0	3009490.4	582324.9	3009488.0	582318.6	3009485.4	582323.9	3009487.6
3083	582362.1	3009449.1	582363.3	3009449.5	582349.6	3009444.0	582347.1	3009443.0	582351.5	3009444.8
3084	582383.0	3009403.6	582375.7	3009400.6	582374.2	3009400.0	582371.0	3009398.7	582364.1	3009395.9
3085	582405.0	3009358.5	582397.6	3009355.5	582397.2	3009355.4	582395.3	3009354.6	582388.4	3009351.8
3086	582428.2	3009314.0	582425.1	3009312.7	582415.7	3009308.9	582417.5	3009309.7	582413.3	3009308.0
3087	582451.9	3009269.6	582445.6	3009267.1	582441.6	3009265.4	582439.3	3009264.5	582445.0	3009266.8
3088	582475.7	3009225.3	582468.3	3009222.3	582463.5	3009220.4	582460.9	3009219.3	582468.3	3009222.3
3089	582501.9	3009182.0	582491.7	3009177.9	582484.5	3009175.0	582481.6	3009173.8	582488.7	3009176.6
3090	582526.3	3009137.9	582513.5	3009132.7	582507.5	3009130.3	582514.5	3009133.1	582512.2	3009132.2
3091	582548.1	3009092.8	582536.1	3009087.9	582528.2	3009084.8	582536.5	3009088.1	582526.9	3009084.2
3092	582570.6	3009048.0	582559.4	3009043.4	582549.3	3009039.3	582554.6	3009041.5	582552.9	3009040.8
3093	582593.9	3009003.4	582581.4	3008998.4	582570.8	3008994.1	582573.5	3008995.2	582578.0	3008997.0
3094	582616.5	3008958.7	582600.1	3008952.0	582592.7	3008949.0	582597.1	3008950.8	582601.1	3008952.4
3095	582638.0	3008913.4	582619.2	3008905.8	582613.5	3008903.5	582625.5	3008908.4	582623.5	3008907.5
3096	582653.6	3008865.8	582642.0	3008861.1	582633.9	3008857.8	582643.2	3008861.6	582641.3	3008860.8
3097	582669.2	3008818.2	582664.1	3008816.1	582655.2	3008812.5	582659.3	3008814.2	582659.9	3008814.4
3098	582684.8	3008770.5	582682.8	3008769.7	582677.7	3008767.7	582679.1	3008768.2	582672.5	3008765.6
3099	582715.3	3008728.9	582705.7	3008725.0	582702.4	3008723.7	582705.3	3008724.9	582701.4	3008723.3
3100	582739.2	3008684.6	582720.8	3008677.2	582720.3	3008677.0	582725.8	3008679.2	582715.0	3008674.9
3101	582756.0	3008637.5	582739.6	3008630.9	582738.1	3008630.3	582737.8	3008630.2	582732.1	3008627.9
3102	582773.1	3008590.5	582760.2	3008585.3	582759.4	3008584.9	582755.6	3008583.4	582754.4	3008582.9
3103	582796.3	3008546.0	582779.9	3008539.3	582779.1	3008539.0	582781.1	3008539.8	582778.1	3008538.6
3104	582822.5	3008502.6	582798.3	3008492.8	582805.4	3008495.7	582806.2	3008496.0	582801.2	3008494.0
3105	582845.8	3008458.1	582827.7	3008450.8	582830.2	3008451.8	582833.1	3008453.0	582823.5	3008449.1
3106	582870.3	3008414.1	582857.1	3008408.7	582851.7	3008406.5	582855.3	3008408.0	582848.5	3008405.2
3107	582894.8	3008370.0	582876.9	3008362.8	582871.8	3008360.7	582875.9	3008362.4	582871.2	3008360.5
3108	582910.6	3008322.5	582895.6	3008316.4	582890.6	3008314.4	582896.5	3008316.8	582895.0	3008316.2
3109	582933.1	3008277.6	582915.9	3008270.7	582910.5	3008268.5	582917.1	3008271.2	582918.7	3008271.8
3110	582951.1	3008231.0	582933.7	3008224.0	582932.6	3008223.5	582937.8	3008225.6	582934.9	3008224.4
3111	582970.5	3008184.9	582958.0	3008179.8	582952.4	3008177.6	582958.4	3008180.0	582955.3	3008178.8
3112	582990.9	3008139.2	582985.2	3008136.9	582970.9	3008131.2	582979.0	3008134.4	582977.5	3008133.8
3113	583011.6	3008093.7	583005.6	3008091.2	582990.7	3008085.2	582999.6	3008088.8	582998.8	3008088.5
3114	583034.0	3008048.8	583024.9	3008045.1	583011.8	3008039.8	583020.2	3008043.2	583018.6	3008042.6
3115	583056.5	3008004.0	583044.5	3007999.1	583033.7	3007994.7	583040.8	3007997.6	583041.2	3007997.8
3116	583080.1	3007959.6	583067.2	3007954.4	583061.8	3007952.1	583061.4	3007952.0	583062.6	3007952.5
3117	583104.7	3007915.6	583090.1	3007909.7	583081.4	3007906.1	583082.1	3007906.4	583083.0	3007906.8
3118	583123.6	3007869.3	583103.8	3007861.3	583097.4	3007858.7	583102.7	3007860.8	583103.9	3007861.3
3119	583144.9	3007823.9	583125.8	3007816.2	583121.8	3007814.6	583123.3	3007815.2	583124.3	3007815.7
3120	583166.1	3007778.6	583154.8	3007774.0	583143.2	3007769.3	583143.9	3007769.6	583145.8	3007770.4
3121	583180.2	3007730.4	583167.8	3007725.3	583152.7	3007719.2	583159.8	3007722.1	583154.9	3007720.2
3122	583196.4	3007683.0	583187.4	3007679.4	583180.2	3007676.4	583179.4	3007676.1	583178.3	3007675.7
3123	583213.2	3007635.9	583200.8	3007630.8	583189.9	3007626.4	583196.4	3007629.1	583194.3	3007628.2
3124	583221.2	3007585.2	583209.1	3007580.3	583190.3	3007572.7	583201.0	3007577.0	583182.0	3007569.3
3125	583225.0	3007532.8	583222.4	3007531.7	583202.3	3007523.6	583213.8	3007528.3	583186.0	3007517.0
3126	583229.6	3007480.7	583218.1	3007476.0	583212.9	3007474.0	583230.8	3007481.2	583190.0	3007464.7
3127	583234.3	3007428.7	583205.6	3007417.1	583208.6	3007418.3	583244.4	3007432.8	583187.0	3007409.5
3128	583242.3	3007378.0	583212.2	3007365.8	583208.0	3007364.1	583258.8	3007384.6	583194.7	3007358.7
3129	583252.0	3007328.0	583219.6	3007314.9	583216.8	3007313.7	583274.5	3007337.0	583207.1	3007309.8
3130	583261.4	3007277.8	583228.6	3007264.6	583222.5	3007262.1	583294.0	3007291.0	583221.5	3007261.7
3131	583270.9	3007227.7	583238.7	3007214.8	583224.4	3007208.9	583307.8	3007242.7	583237.0	3007214.0
3132	583283.3	3007178.8	583243.1	3007162.6	583226.8	3007156.0	583324.8	3007195.6	583245.2	3007163.4
3133	583295.7	3007129.9	583243.8	3007108.9	583229.4	3007103.1	583335.0	3007145.8	583254.4	3007113.2
3134	583292.8	3007074.8	583243.9	3007055.1	583231.7	3007050.1	583346.0	3007096.3	583260.0	3007061.6
3135	583287.2	3007018.6	583230.2	3006995.6	583226.1	3006993.9	583355.0	3007046.0	583268.7	3007011.2
3136	583288.2	3006965.1	583208.8	3006933.0	583230.8	3006941.9	583363.4	3006995.5	583281.4	3006962.4

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3137	-2.1	-0.9	0.7	0.0	1.7	3.8	1.3	5.7	1.1	-2.0
3138	-2.3	-0.9	0.6	0.1	2.1	3.7	1.5	5.0	1.3	-1.3
3139	-2.4	-1.0	0.5	0.1	2.0	3.7	1.6	5.3	1.5	-1.0
3140	-2.5	-1.2	0.5	0.1	1.6	3.7	1.7	5.6	1.8	-0.8
3141	-2.6	-1.2	0.4	0.2	1.7	3.6	1.9	5.3	1.9	-0.4
3142	-2.8	-1.3	0.4	0.2	2.0	3.7	2.0	5.3	2.0	-0.3
3143	-3.0	-1.2	0.3	0.2	2.7	3.7	2.1	4.7	1.9	0.0
3144	-3.2	-1.2	0.2	0.2	3.2	3.8	2.2	4.4	1.8	0.0
3145	-3.4	-1.2	0.2	0.2	3.5	4.0	2.3	4.4	1.9	0.2
3146	-3.6	-1.3	0.1	0.2	3.9	4.1	2.5	4.3	2.0	0.4
3147	-3.9	-1.3	0.1	0.2	4.4	4.3	2.7	4.2	2.1	0.7
3148	-4.1	-1.4	0.1	0.2	4.8	4.6	2.9	4.4	2.2	0.6
3149	-4.2	-1.4	0.1	0.3	4.9	4.8	3.0	4.7	2.3	0.7
3150	-4.3	-1.3	0.1	0.3	5.5	4.9	3.1	4.4	2.2	0.6
3151	-4.5	-1.3	0.2	0.3	6.0	5.1	3.1	4.4	2.1	0.5
3152	-4.6	-1.2	0.2	0.3	6.2	5.3	3.2	4.4	2.1	0.6
3153	-4.7	-1.3	0.2	0.3	6.3	5.5	3.4	4.7	2.3	0.6
3154	-4.7	-1.3	0.3	0.4	6.3	5.6	3.4	5.0	2.4	0.7
3155	-4.6	-1.3	0.3	0.4	6.1	5.7	3.5	5.2	2.5	0.7
3156	-4.4	-1.1	0.5	0.5	6.3	5.7	3.6	5.2	2.6	0.8
3157	-4.3	-1.0	0.7	0.7	6.6	6.0	3.7	5.5	2.6	0.7
3158	-4.3	-0.9	0.8	0.8	6.7	6.2	3.8	5.7	2.8	0.8
3159	-4.2	-0.8	0.8	0.8	6.9	6.2	3.9	5.5	2.8	0.9
3160	-4.1	-0.7	0.9	0.9	6.8	6.2	3.9	5.7	2.8	0.9
3161	-4.0	-0.7	0.9	0.9	6.8	6.1	3.9	5.4	2.8	1.0
3162	-4.1	-0.7	0.8	0.9	7.1	6.2	3.9	5.3	2.7	1.0
3163	-4.4	-0.8	0.7	0.9	7.3	6.2	4.0	5.1	2.8	1.2
3164	-4.7	-0.9	0.7	0.9	7.9	6.5	4.3	5.2	2.9	1.4
3165	-5.2	-0.9	0.7	0.9	8.9	7.0	4.5	5.3	2.9	1.3
3166		-0.8	0.7	0.9				5.4	3.0	1.3
3167			0.8	0.9						1.2
3168										
3169										
3170										
3171			-9.4							
3172		-13.2	-9.0					3.5		
3173		-12.5	-8.7					2.5		
3174		-12.0	-8.5					1.8		
3175		-11.5	-8.3					1.1		
3176	-16.8	-11.3	-8.1		1.3	1.3		1.2		
3177	-16.0	-11.1	-8.0		0.0	0.6		1.2		
3178	-15.6	-10.8	-8.0	-4.9	-0.1	0.3	1.6	0.6	2.2	3.3
3179	-15.4	-10.5	-7.9	-5.0	0.4	0.1	1.3	-0.2	1.7	3.0
3180	-15.1	-10.5	-8.0	-5.0	-0.2	-0.3	1.1	-0.4	1.6	2.9
3181	-14.8	-10.5	-8.1	-5.1	-1.0	-1.0	0.8	-0.9	1.5	3.1
3182	-14.3	-10.6	-8.3	-5.1	-2.2	-1.9	0.5	-1.6	1.5	3.6
3183	-13.8	-10.6	-8.5	-5.1	-3.5	-2.7	0.2	-2.0	1.6	4.0
3184	-13.3	-10.7	-8.5	-5.1	-4.8	-3.4	-0.1	-2.1	1.7	4.3
3185	-12.9	-10.5	-8.5	-5.1	-5.0	-3.9	-0.3	-2.8	1.5	4.4
3186	-12.6	-10.2	-8.5	-5.0	-4.8	-4.0	-0.4	-3.3	1.3	4.4
3187	-12.3	-10.1	-8.5	-5.0	-4.9	-4.3	-0.5	-3.8	1.1	4.4
3188	-11.9	-9.9	-8.4	-5.0	-5.3	-4.7	-0.8	-4.2	0.8	4.3
3189	-11.4	-9.6	-8.3	-5.0	-5.7	-5.0	-1.1	-4.4	0.6	4.0
3190	-11.0	-9.5	-8.2	-5.1	-6.2	-5.2	-1.4	-4.4	0.3	3.5
3191	-10.8	-9.4	-8.3	-5.1	-6.2	-5.5	-1.6	-4.9	0.0	3.4
3192	-10.6	-9.3	-8.3	-5.1	-6.4	-5.9	-1.8	-5.4	0.0	3.6

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3137	583294.3	3006913.6	583207.0	3006878.4	583238.8	3006891.2	583354.3	3006937.9	583295.0	3006913.9
3138	583305.2	3006864.1	583210.5	3006825.9	583250.3	3006841.9	583352.5	3006883.2	583315.2	3006868.1
3139	583317.6	3006815.2	583217.8	3006774.9	583254.5	3006789.7	583361.7	3006833.0	583330.5	3006820.4
3140	583332.6	3006767.3	583229.1	3006725.5	583258.5	3006737.4	583370.9	3006782.8	583346.9	3006773.1
3141	583347.5	3006719.4	583240.9	3006676.4	583272.7	3006689.2	583380.4	3006732.7	583369.5	3006728.3
3142	583364.4	3006672.3	583249.7	3006626.0	583286.6	3006640.9	583394.6	3006684.5	583386.7	3006681.3
3143	583382.1	3006625.6	583258.0	3006575.4	583307.9	3006595.6	583403.3	3006634.1	583403.3	3006634.1
3144	583399.8	3006578.8	583267.3	3006525.3	583325.8	3006548.9	583415.8	3006585.2	583417.1	3006585.8
3145	583417.3	3006531.9	583277.6	3006475.5	583342.8	3006501.8	583431.1	3006537.5	583436.6	3006539.7
3146	583434.9	3006485.1	583284.7	3006424.4	583357.9	3006454.0	583444.3	3006488.9	583456.8	3006493.9
3147	583452.4	3006438.2	583290.8	3006373.0	583372.6	3006406.0	583457.3	3006440.2	583476.9	3006448.2
3148	583469.9	3006391.4	583298.6	3006322.2	583388.2	3006358.4	583477.8	3006394.6	583496.3	3006402.1
3149	583487.1	3006344.4	583310.6	3006273.1	583402.1	3006310.1	583496.6	3006348.3	583516.3	3006356.2
3150	583504.3	3006297.4	583323.6	3006224.4	583425.7	3006265.7	583515.2	3006301.8	583534.3	3006309.6
3151	583521.4	3006250.4	583335.6	3006175.4	583446.0	3006219.9	583535.2	3006256.0	583551.4	3006262.5
3152	583538.0	3006203.2	583347.7	3006126.3	583462.9	3006172.8	583551.9	3006208.8	583570.1	3006216.2
3153	583554.5	3006155.9	583358.7	3006076.8	583475.8	3006124.1	583571.4	3006162.8	583589.8	3006170.2
3154	583568.1	3006107.5	583372.0	3006028.3	583488.7	3006075.4	583589.0	3006115.9	583608.6	3006123.9
3155	583579.2	3006058.1	583386.8	3005980.3	583500.7	3006026.3	583606.3	3006069.0	583626.3	3006077.1
3156	583586.1	3006006.9	583401.1	3005932.2	583518.7	3005979.7	583623.3	3006022.0	583646.5	3006031.3
3157	583592.8	3005955.7	583412.5	3005882.9	583535.2	3005932.4	583645.7	3005977.1	583666.2	3005985.4
3158	583601.2	3005905.2	583423.0	3005833.2	583547.5	3005883.5	583662.3	3005929.9	583685.3	3005939.1
3159	583611.3	3005855.3	583437.1	3005784.9	583565.0	3005836.6	583677.1	3005881.9	583703.9	3005892.7
3160	583626.2	3005807.4	583456.7	3005738.9	583582.4	3005789.7	583696.9	3005836.0	583724.1	3005847.0
3161	583645.1	3005761.1	583478.0	3005693.6	583604.6	3005744.8	583714.2	3005789.0	583744.4	3005801.2
3162	583667.8	3005716.4	583495.2	3005646.7	583627.3	3005700.0	583734.0	3005743.1	583765.0	3005755.6
3163	583692.9	3005672.6	583511.3	3005599.2	583647.2	3005654.1	583750.9	3005696.0	583787.6	3005710.8
3164	583718.8	3005629.1	583521.4	3005549.4	583667.4	3005608.3	583771.9	3005650.6	583813.1	3005667.2
3165	583741.1	3005584.2	583523.7	3005496.4	583689.3	3005563.3	583796.1	3005606.4	583835.8	3005622.5
3166	583759.4	3005537.7			583708.7	3005517.2	583817.4	3005561.1	583856.5	3005576.9
3167	583777.7	3005491.2					583840.5	3005516.5	583877.3	3005531.4
3168	583802.6	3005427.6								
3169	583820.8	3005381.1								
3170	583839.0	3005334.5								
3171	583857.2	3005287.9					583103.6	3004983.5		
3172	583872.2	3005240.1			583078.1	3004919.2	583149.6	3004948.1		
3173	583886.9	3005192.1			583137.5	3004889.3	583188.9	3004910.1		
3174	583904.9	3005145.4			583184.3	3004854.3	583220.8	3004869.0		
3175	583923.0	3005098.8			583233.2	3004820.1	583255.7	3004829.2		
3176	583941.1	3005052.2	583239.8	3004768.8	583263.9	3004778.6	583288.5	3004788.5		
3177	583959.1	3005005.6	583291.2	3004735.7	583291.0	3004735.6	583314.4	3004745.1		
3178	583978.6	3004959.5	583328.9	3004697.0	583326.6	3004696.1	583338.6	3004700.9	583437.4	3004740.8
3179	583998.8	3004913.7	583356.5	3004654.2	583364.3	3004657.4	583359.6	3004655.5	583448.8	3004691.5
3180	584019.0	3004868.0	583389.3	3004613.6	583384.9	3004611.8	583375.9	3004608.1	583463.8	3004643.6
3181	584039.6	3004822.4	583424.5	3004573.8	583405.1	3004566.0	583387.3	3004558.8	583479.3	3004596.0
3182	584060.3	3004776.8	583464.3	3004536.0	583423.8	3004519.6	583391.7	3004506.7	583498.4	3004549.8
3183	584080.6	3004731.1	583504.7	3004498.4	583440.6	3004472.5	583400.0	3004456.1	583518.4	3004503.9
3184	584099.8	3004684.9	583547.3	3004461.7	583458.0	3004425.6	583415.5	3004408.4	583542.4	3004459.7
3185	584118.9	3004638.7	583581.2	3004421.5	583487.7	3004383.7	583431.7	3004361.0	583561.7	3004413.6
3186	584136.3	3004591.8	583610.3	3004379.3	583521.9	3004343.6	583455.4	3004316.7	583585.3	3004369.2
3187	584153.2	3004544.7	583639.3	3004337.1	583547.9	3004300.2	583472.0	3004269.5	583602.9	3004322.4
3188	584168.2	3004496.8	583672.6	3004296.6	583574.6	3004257.0	583489.0	3004222.4	583616.9	3004274.1
3189	584183.1	3004448.9	583707.6	3004256.8	583602.5	3004214.4	583513.0	3004178.2	583631.2	3004226.0
3190	584199.9	3004401.8	583740.0	3004216.0	583625.7	3004169.8	583536.5	3004133.8	583641.9	3004176.3
3191	584218.7	3004355.5	583768.0	3004173.3	583653.9	3004127.2	583554.9	3004087.3	583656.0	3004128.1
3192	584237.9	3004309.3	583798.0	3004131.6	583678.7	3004083.4	583570.1	3004039.5	583677.0	3004082.7

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3193	-10.3	-9.1	-8.3	-5.1	-6.6	-6.2	-1.9	-5.8	-0.2	3.7
3194	-10.0	-9.1	-8.3	-5.0	-7.0	-6.4	-2.0	-5.9	-0.1	3.8
3195	-9.9	-9.0	-8.3	-5.0	-7.1	-6.5	-2.1	-6.0	-0.2	3.7
3196	-9.7	-9.0	-8.2	-5.0	-7.2	-6.5	-2.2	-5.8	-0.3	3.5
3197	-9.6	-8.9	-8.2	-5.0	-7.4	-6.6	-2.2	-5.9	-0.3	3.4
3198	-9.3	-8.8	-8.1	-5.0	-7.5	-6.8	-2.3	-6.1	-0.4	3.5
3199	-9.2	-8.7	-8.0	-4.9	-7.6	-6.7	-2.3	-6.0	-0.4	3.4
3200	-9.0	-8.4	-7.9	-4.8	-7.1	-6.8	-2.3	-6.5	-0.5	3.5
3201	-8.9	-8.1	-7.9	-4.8	-6.3	-6.9	-2.3	-7.5	-0.8	3.7
3202	-8.7	-7.8	-7.9	-4.7	-5.6	-7.0	-2.3	-8.3	-1.1	3.8
3203	-8.5	-7.6	-7.9	-4.7	-5.6	-7.2	-2.4	-8.6	-1.2	3.8
3204	-8.1	-7.5	-7.8	-4.7	-6.1	-7.5	-2.6	-8.8	-1.4	3.7
3205	-7.8	-7.3	-7.8	-4.7	-6.1	-7.7	-2.9	-9.2	-1.6	3.5
3206	-7.7	-7.2	-7.7	-4.8	-6.2	-7.8	-3.0	-9.2	-1.8	3.2
3207	-7.6	-7.3	-7.7	-4.8	-6.6	-7.8	-3.1	-8.9	-1.8	3.0
3208	-7.6	-7.4	-7.6	-4.9	-6.8	-7.6	-3.2	-8.4	-1.9	2.5
3209	-7.6	-7.5	-7.6	-4.9	-7.0	-7.5	-3.3	-7.9	-1.9	2.2
3210	-7.6	-7.1	-7.5	-4.9	-6.0	-7.4	-3.3	-8.7	-2.3	2.0
3211	-7.5	-7.0	-7.4	-4.9	-5.8	-7.4	-3.4	-8.8	-2.5	1.8
3212	-7.4	-6.9	-7.4	-4.9	-5.7	-7.4	-3.4	-8.9	-2.5	1.8
3213	-7.3	-6.7	-7.4	-4.9	-5.4	-7.4	-3.4	-9.3	-2.6	1.9
3214	-7.2	-6.6	-7.3	-4.9	-5.5	-7.5	-3.5	-9.3	-2.7	1.8
3215	-7.0	-6.6	-7.3	-4.8	-5.6	-7.6	-3.5	-9.3	-2.8	1.7
3216	-7.0	-6.5	-7.2	-4.8	-5.4	-7.4	-3.5	-9.3	-2.8	1.6
3217	-7.1	-6.4	-7.1	-4.8	-4.9	-7.2	-3.4	-9.4	-2.9	1.5
3218	-7.2	-6.3	-7.1	-4.9	-4.3	-7.0	-3.5	-9.5	-3.1	1.2
3219	-7.4	-6.5	-7.0	-4.9	-4.5	-6.7	-3.4	-8.7	-3.0	0.9
3220	-7.6	-6.6	-6.9	-4.9	-4.4	-6.2	-3.3	-7.9	-2.8	0.6
3221	-7.7	-6.8	-6.9	-4.9	-4.6	-5.9	-3.2	-7.2	-2.6	0.4
3222	-7.8	-6.8	-6.8	-4.9	-4.7	-5.8	-3.2	-6.7	-2.6	0.1
3223	-7.8	-6.8	-6.8	-4.9	-4.7	-5.7	-3.2	-6.7	-2.7	0.1
3224	-7.8	-6.8	-6.8	-4.9	-4.4	-5.6	-3.2	-6.8	-2.8	0.0
3225	-7.7	-6.7	-6.8	-4.9	-4.4	-5.7	-3.2	-7.0	-2.8	0.0
3226	-7.6	-6.7	-6.8	-5.0	-4.6	-5.9	-3.4	-7.2	-2.9	0.0
3227	-7.5	-6.6	-6.8	-4.9	-4.5	-6.0	-3.4	-7.4	-3.0	0.0
3228	-7.4	-6.4	-6.8	-5.0	-4.2	-6.1	-3.5	-7.9	-3.3	-0.1
3229	-7.3	-6.3	-6.8	-5.0	-3.8	-6.2	-3.6	-8.3	-3.5	-0.2
3230	-7.4	-6.2	-6.7	-5.0	-3.5	-6.0	-3.5	-8.3	-3.5	-0.3
3231	-7.4	-6.2	-6.7	-5.0	-3.4	-5.8	-3.5	-8.1	-3.5	-0.4
3232	-7.1	-6.1	-6.6	-4.9	-3.9	-6.0	-3.6	-8.0	-3.5	-0.5
3233	-6.9	-6.0	-6.5	-4.9	-4.0	-6.2	-3.7	-8.1	-3.6	-0.5
3234	-6.8	-5.9	-6.5	-4.9	-4.0	-6.3	-3.7	-8.3	-3.6	-0.4
3235	-6.8	-5.9	-6.5	-4.9	-3.8	-6.2	-3.7	-8.4	-3.6	-0.4
3236	-7.2	-5.8	-6.4	-4.8	-2.5	-5.6	-3.4	-8.4	-3.7	-0.5
3237	-8.5	-5.7	-6.4	-4.8	0.7	-4.1	-2.6	-8.5	-3.8	-0.6
3238	-8.2	-5.6	-6.4	-4.8	0.1	-4.5	-2.8	-8.7	-3.9	-0.7
3239	-6.9	-5.7	-6.4	-4.8	-3.0	-5.8	-3.5	-8.5	-3.8	-0.6
3240	-6.6	-5.6	-6.3	-4.8	-3.3	-6.0	-3.7	-8.5	-3.9	-0.7
3241	-6.6	-5.5	-6.3	-4.8	-3.3	-6.0	-3.7	-8.5	-3.9	-0.7
3242	-6.4	-5.4	-6.2	-4.7	-3.2	-6.0	-3.7	-8.6	-3.9	-0.7
3243	-6.2	-5.3	-6.1	-4.7	-3.1	-6.0	-3.7	-8.7	-3.9	-0.7
3244	-6.1	-5.1	-6.0	-4.6	-3.1	-6.0	-3.7	-8.6	-3.9	-0.7
3245	-5.9	-5.0	-5.9	-4.5	-3.0	-5.9	-3.7	-8.6	-3.9	-0.8
3246	-5.7	-4.9	-5.9	-4.5	-3.2	-6.0	-3.7	-8.6	-3.9	-0.7
3247	-5.5	-4.8	-5.7	-4.4	-3.3	-6.1	-3.7	-8.6	-3.9	-0.7
3248	-5.3	-4.7	-5.6	-4.3	-3.5	-6.0	-3.8	-8.3	-3.8	-0.8

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3193	584257.7	3004263.4	583829.6	3004090.4	583707.2	3004040.9	583589.2	3003993.3	583699.5	3004037.8
3194	584277.8	3004217.5	583860.2	3004048.8	583730.0	3003996.2	583611.1	3003948.2	583724.5	3003994.0
3195	584298.4	3004172.0	583887.3	3004005.9	583755.1	3003952.4	583634.1	3003903.6	583745.7	3003948.6
3196	584318.2	3004126.0	583912.5	3003962.1	583778.7	3003908.1	583660.8	3003860.4	583763.8	3003902.1
3197	584337.7	3004080.0	583939.0	3003918.9	583801.4	3003863.3	583682.0	3003815.0	583784.7	3003856.6
3198	584355.2	3004033.1	583966.0	3003875.9	583826.6	3003819.5	583702.7	3003769.5	583808.3	3003812.2
3199	584372.7	3003986.3	583991.6	3003832.3	583851.4	3003775.7	583730.3	3003726.7	583832.8	3003768.1
3200	584392.5	3003940.3	584017.0	3003788.6	583886.1	3003735.7	583754.4	3003682.5	583859.2	3003724.9
3201	584412.8	3003894.6	584042.7	3003745.1	583926.7	3003698.2	583775.3	3003637.1	583885.6	3003681.6
3202	584432.9	3003848.8	584069.4	3003701.9	583965.8	3003660.1	583797.3	3003592.0	583910.7	3003637.8
3203	584452.1	3003802.6	584098.7	3003659.9	583994.4	3003617.7	583820.0	3003547.2	583933.9	3003593.3
3204	584471.2	3003756.4	584133.7	3003620.1	584021.1	3003574.6	583842.1	3003502.3	583952.2	3003546.8
3205	584490.3	3003710.2	584163.7	3003578.3	584050.1	3003532.4	583864.0	3003457.2	583967.7	3003499.1
3206	584509.3	3003664.0	584189.5	3003534.8	584074.2	3003488.2	583888.6	3003413.2	583984.0	3003451.7
3207	584528.4	3003617.8	584211.7	3003489.8	584089.7	3003440.5	583910.0	3003367.9	583998.0	3003403.5
3208	584548.8	3003572.1	584231.4	3003443.8	584105.1	3003392.8	583935.7	3003324.4	584010.9	3003354.7
3209	584569.2	3003526.4	584251.1	3003397.9	584120.6	3003345.2	583959.8	3003280.2	584025.2	3003306.6
3210	584586.3	3003479.4	584269.8	3003351.5	584159.0	3003306.7	583982.3	3003235.3	584041.6	3003259.3
3211	584601.9	3003431.7	584289.7	3003305.6	584183.0	3003262.5	584004.2	3003190.3	584058.9	3003212.4
3212	584617.2	3003384.0	584309.5	3003259.7	584204.4	3003217.2	584024.2	3003144.4	584078.2	3003166.2
3213	584632.5	3003336.2	584328.1	3003213.3	584228.0	3003172.8	584040.1	3003096.9	584097.3	3003120.0
3214	584647.1	3003288.2	584349.3	3003167.9	584246.9	3003126.5	584058.7	3003050.5	584111.6	3003071.9
3215	584661.2	3003240.0	584370.7	3003122.6	584266.5	3003080.5	584077.6	3003004.2	584128.1	3003024.6
3216	584675.4	3003191.8	584386.0	3003074.9	584286.2	3003034.6	584098.2	3002958.6	584144.9	3002977.5
3217	584689.9	3003143.7	584395.8	3003024.9	584305.0	3002988.2	584115.0	3002911.5	584160.0	3002929.7
3218	584704.4	3003095.7	584404.9	3002974.7	584325.5	3002942.6	584133.7	3002865.1	584168.0	3002879.0
3219	584718.9	3003047.6	584412.3	3002923.7	584329.0	3002890.1	584153.2	3002819.1	584179.2	3002829.6
3220	584733.4	3002999.5	584416.5	3002871.5	584334.7	3002838.5	584174.5	3002773.7	584193.5	3002781.4
3221	584747.9	3002951.5	584426.4	3002821.6	584341.2	3002787.2	584196.0	3002728.5	584209.3	3002733.9
3222	584761.7	3002903.1	584438.1	3002772.4	584350.5	3002737.0	584214.4	3002682.0	584218.2	3002683.5
3223	584775.1	3002854.6	584450.3	3002723.4	584363.8	3002688.4	584228.6	3002633.8	584230.7	3002634.6
3224	584787.8	3002805.8	584461.7	3002674.1	584381.0	3002641.4	584243.3	3002585.8	584243.3	3002585.8
3225	584800.3	3002756.9	584477.8	3002626.6	584396.7	3002593.9	584254.9	3002536.6	584255.0	3002536.6
3226	584812.9	3002708.1	584496.6	3002580.3	584412.2	3002546.2	584267.4	3002487.7	584266.7	3002487.4
3227	584825.7	3002659.3	584513.3	3002533.1	584430.1	3002499.5	584281.1	3002439.3	584280.0	3002438.9
3228	584839.1	3002610.8	584532.0	3002486.7	584454.0	3002455.2	584293.6	3002390.4	584290.0	3002389.0
3229	584852.8	3002562.5	584546.9	3002438.9	584476.3	3002410.3	584308.2	3002342.4	584302.0	3002339.9
3230	584866.4	3002514.0	584557.1	3002389.1	584492.1	3002362.8	584325.1	3002295.3	584315.4	3002291.4
3231	584879.5	3002465.4	584570.6	3002340.6	584507.0	3002314.9	584343.9	3002249.0	584332.8	3002244.5
3232	584891.8	3002416.4	584594.8	3002296.4	584523.3	3002267.5	584360.9	3002201.9	584346.6	3002196.1
3233	584904.9	3002367.8	584618.1	3002251.9	584543.2	3002221.6	584379.0	3002155.3	584364.5	3002149.5
3234	584921.2	3002320.4	584637.5	3002205.8	584563.5	3002175.9	584394.8	3002107.8	584383.9	3002103.3
3235	584937.5	3002273.1	584654.5	3002158.7	584584.4	3002130.4	584414.8	3002061.9	584402.5	3002057.0
3236	584953.7	3002225.7	584652.1	3002103.9	584605.8	3002085.2	584436.1	3002016.6	584420.7	3002010.4
3237	584970.0	3002178.4	584614.2	3002034.6	584627.8	3002040.1	584455.8	3001970.6	584437.9	3001963.4
3238	584988.0	3002131.7	584648.1	3001994.4	584650.3	3001995.3	584475.1	3001924.5	584455.2	3001916.5
3239	585006.0	3002085.0	584719.0	3001969.1	584664.1	3001946.9	584492.7	3001877.7	584476.0	3001870.9
3240	585022.3	3002037.7	584745.4	3001925.9	584684.9	3001901.4	584512.1	3001831.6	584492.0	3001823.5
3241	585037.8	3001990.0	584764.9	3001879.8	584703.8	3001855.1	584532.4	3001785.8	584510.9	3001777.2
3242	585051.4	3001941.6	584785.6	3001834.2	584725.6	3001810.0	584552.3	3001740.0	584530.3	3001731.1
3243	585064.8	3001893.1	584805.4	3001788.3	584748.3	3001765.2	584572.2	3001694.1	584551.0	3001685.5
3244	585076.5	3001843.9	584824.3	3001742.0	584766.8	3001718.8	584593.3	3001648.7	584571.6	3001639.9
3245	585087.9	3001794.6	584840.7	3001694.7	584785.0	3001672.2	584611.4	3001602.1	584587.3	3001592.4
3246	585095.6	3001743.8	584856.9	3001647.3	584797.9	3001623.5	584624.3	3001553.4	584603.4	3001544.9
3247	585103.5	3001693.0	584876.5	3001601.3	584816.0	3001576.9	584641.5	3001506.4	584620.0	3001497.7
3248	585114.0	3001643.4	584894.4	3001554.6	584829.6	3001528.5	584660.6	3001460.2	584637.0	3001450.6

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3249	-5.2	-4.6	-5.6	-4.3	-3.4	-6.0	-3.7	-8.4	-3.9	-0.8
3250	-5.0	-4.5	-5.5	-4.2	-3.3	-6.1	-3.8	-8.6	-3.9	-0.8
3251	-5.1	-4.5	-5.5	-4.2	-3.2	-5.9	-3.7	-8.4	-3.9	-0.8
3252	-5.1	-4.4	-5.5	-4.2	-2.9	-5.9	-3.7	-8.6	-4.0	-0.9
3253	-4.9	-4.3	-5.4	-4.2	-3.0	-5.9	-3.8	-8.6	-4.1	-1.0
3254	-4.8	-4.3	-5.3	-4.2	-3.2	-5.9	-3.8	-8.4	-4.1	-1.1
3255	-4.6	-4.3	-5.3	-4.2	-3.4	-6.1	-3.9	-8.6	-4.1	-1.0
3256	-4.4	-4.2	-5.2	-4.1	-3.7	-6.0	-3.9	-8.2	-4.0	-1.1
3257	-4.2	-4.0	-5.1	-4.0	-3.7	-6.1	-3.8	-8.3	-3.9	-0.8
3258	-4.0	-3.9	-5.0	-3.9	-3.4	-6.0	-3.9	-8.4	-4.1	-1.1
3259	-3.7	-3.7	-4.9	-3.9	-3.5	-6.1	-3.9	-8.4	-4.1	-1.2
3260	-3.5	-3.5	-4.7	-3.8	-3.3	-6.0	-3.9	-8.5	-4.2	-1.2
3261	-3.3	-3.3	-4.6	-3.7	-3.2	-6.0	-3.9	-8.6	-4.1	-1.1
3262	-3.1	-3.1	-4.4	-3.6	-3.2	-5.9	-3.9	-8.3	-4.1	-1.3
3263	-2.9	-3.0	-4.3	-3.5	-3.3	-5.8	-3.9	-8.2	-4.2	-1.5
3264	-2.7	-2.9	-4.3	-3.5	-3.4	-6.0	-4.0	-8.3	-4.3	-1.5
3265	-2.6	-2.9	-4.3	-3.5	-3.6	-6.2	-4.0	-8.5	-4.2	-1.2
3266	-2.6	-2.9	-4.3	-3.5	-3.6	-6.2	-4.0	-8.6	-4.2	-1.2
3267	-2.6	-2.9	-4.3	-3.5	-3.5	-6.2	-4.0	-8.6	-4.2	-1.3
3268	-2.5	-2.9	-4.3	-3.4	-3.8	-6.3	-4.0	-8.5	-4.1	-1.1
3269	-2.4	-2.8	-4.2	-3.4	-3.7	-6.2	-4.0	-8.4	-4.1	-1.1
3270	-2.2	-2.7	-4.1	-3.3	-3.6	-6.0	-3.9	-8.2	-4.0	-1.2
3271	-2.2	-2.6	-3.9	-3.2	-3.5	-5.8	-3.8	-8.0	-3.9	-1.2
3272	-2.0	-2.5	-3.9	-3.1	-3.5	-5.8	-3.8	-7.9	-3.9	-1.2
3273	-2.1	-2.5	-3.8	-3.1	-3.4	-5.7	-3.8	-7.8	-3.9	-1.3
3274	-2.1	-2.5	-3.8	-3.1	-3.6	-5.6	-3.8	-7.5	-3.8	-1.4
3275	-2.1	-2.7	-3.8	-3.1	-4.0	-5.5	-3.7	-7.0	-3.6	-1.4
3276	-2.1	-2.7	-3.7	-3.1	-4.0	-5.5	-3.6	-6.9	-3.5	-1.3
3277	-2.0	-2.6	-3.7	-3.0	-3.8	-5.4	-3.6	-6.9	-3.5	-1.3
3278	-1.9	-2.4	-3.6	-3.0	-3.6	-5.4	-3.6	-7.1	-3.6	-1.2
3279	-1.8	-2.3	-3.5	-2.9	-3.4	-5.3	-3.6	-7.2	-3.6	-1.3
3280	-1.7	-2.2	-3.4	-2.8	-3.3	-5.3	-3.5	-7.1	-3.6	-1.2
3281	-1.6	-2.1	-3.4	-2.7	-3.3	-5.2	-3.4	-7.0	-3.5	-1.1
3282	-1.5	-2.1	-3.3	-2.7	-3.4	-5.2	-3.4	-6.8	-3.5	-1.2
3283	-1.3	-2.0	-3.2	-2.6	-3.6	-5.2	-3.4	-6.6	-3.4	-1.2
3284	-1.2	-1.9	-3.1	-2.6	-3.6	-5.1	-3.4	-6.5	-3.4	-1.3
3285	-1.1	-1.9	-3.1	-2.6	-3.6	-5.2	-3.4	-6.6	-3.4	-1.2
3286	-1.0	-1.9	-3.0	-2.5	-3.8	-5.1	-3.4	-6.3	-3.3	-1.3
3287	-1.0	-1.8	-2.9	-2.5	-3.7	-5.0	-3.4	-6.2	-3.4	-1.4
3288	-0.8	-1.7	-2.9	-2.5	-3.8	-5.0	-3.5	-6.2	-3.4	-1.5
3289	-0.6	-1.6	-2.7	-2.4	-3.9	-4.9	-3.5	-5.9	-3.4	-1.7
3290	-0.5	-1.5	-2.6	-2.4	-4.0	-4.8	-3.5	-5.6	-3.3	-1.8
3291	-0.4	-1.5	-2.5	-2.3	-4.0	-4.7	-3.4	-5.4	-3.2	-1.8
3292	-0.4	-1.5	-2.5	-2.2	-4.0	-4.7	-3.3	-5.3	-3.1	-1.6
3293	-0.5	-1.6	-2.4	-2.2	-4.0	-4.5	-3.2	-4.9	-2.9	-1.6
3294	-0.5	-1.6	-2.4	-2.2	-4.1	-4.5	-3.3	-4.8	-2.9	-1.7
3295	-0.6	-1.8	-2.6	-2.3	-4.3	-4.6	-3.3	-4.9	-2.9	-1.6
3296	-0.6	-1.8	-2.6	-2.3	-4.6	-4.8	-3.4	-5.1	-2.9	-1.4
3297	-0.5	-1.7	-2.6	-2.3	-4.6	-4.9	-3.4	-5.2	-2.9	-1.4
3298	-0.4	-1.6	-2.6	-2.2	-4.4	-4.9	-3.3	-5.4	-3.0	-1.3
3299	-0.5	-1.6	-2.6	-2.2	-3.9	-4.9	-3.3	-5.8	-3.1	-1.2
3300	-0.5	-1.5	-2.6	-2.2	-3.6	-4.8	-3.3	-6.0	-3.1	-1.2
3301	-0.5	-1.4	-2.6	-2.2	-3.5	-4.8	-3.2	-5.9	-3.1	-1.2
3302	-0.5	-1.5	-2.5	-2.2	-3.6	-4.6	-3.2	-5.5	-3.0	-1.2
3303	-0.6	-1.6	-2.4	-2.1	-3.7	-4.4	-3.0	-5.1	-2.8	-1.2
3304	-0.7	-1.6	-2.5	-2.1	-3.5	-4.3	-3.0	-5.1	-2.8	-1.2

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3249	585125.0	3001593.9	584909.6	3001506.9	584847.0	3001481.6	584677.0	3001412.9	584653.8	3001403.5
3250	585136.8	3001544.7	584926.8	3001459.9	584865.8	3001435.2	584692.0	3001365.0	584669.4	3001355.9
3251	585151.4	3001496.7	584940.5	3001411.5	584881.0	3001387.4	584710.6	3001318.6	584685.4	3001308.4
3252	585164.4	3001448.0	584953.6	3001362.9	584899.6	3001341.0	584725.8	3001270.8	584699.6	3001260.2
3253	585175.0	3001398.4	584970.9	3001315.9	584915.1	3001293.4	584740.3	3001222.7	584711.3	3001211.0
3254	585188.6	3001350.0	584989.2	3001269.4	584929.3	3001245.2	584758.7	3001176.3	584726.3	3001163.2
3255	585201.6	3001301.3	585008.9	3001223.4	584945.0	3001197.6	584771.7	3001127.6	584742.0	3001115.6
3256	585208.6	3001250.2	585026.4	3001176.6	584958.7	3001149.2	584792.0	3001081.9	584760.0	3001068.9
3257	585215.6	3001199.1	585040.1	3001128.2	584972.3	3001100.8	584803.9	3001032.7	584779.0	3001022.7
3258	585223.3	3001148.3	585054.7	3001080.1	584991.1	3001054.4	584820.7	3000985.6	584788.0	3000972.4
3259	585228.7	3001096.5	585073.3	3001033.7	585008.3	3001007.5	584838.2	3000938.7	584802.9	3000924.5
3260	585232.2	3001044.0	585085.2	3000984.6	585023.9	3000959.8	584851.9	3000890.3	584814.6	3000875.3
3261	585233.4	3000990.6	585096.9	3000935.4	585036.6	3000911.0	584863.5	3000841.1	584829.9	3000827.5
3262	585235.4	3000937.4	585106.7	3000885.4	585046.7	3000861.2	584879.1	3000793.5	584840.9	3000778.0
3263	585239.0	3000885.0	585118.8	3000836.4	585058.3	3000812.0	584892.1	3000744.8	584848.5	3000727.2
3264	585244.6	3000833.3	585131.5	3000787.6	585067.8	3000761.9	584899.6	3000693.9	584855.0	3000675.9
3265	585250.9	3000781.9	585141.0	3000737.5	585073.4	3000710.2	584901.8	3000640.9	584865.2	3000626.1
3266	585257.9	3000730.8	585148.8	3000686.7	585082.2	3000659.8	584908.8	3000589.8	584872.0	3000574.9
3267	585265.2	3000679.9	585157.7	3000636.4	585092.2	3000609.9	584917.7	3000539.4	584880.0	3000524.2
3268	585268.5	3000627.2	585166.2	3000585.9	585096.5	3000557.8	584923.6	3000487.9	584889.9	3000474.3
3269	585270.6	3000574.2	585172.5	3000534.5	585103.7	3000506.7	584932.8	3000437.7	584899.0	3000424.0
3270	585272.2	3000520.9	585179.8	3000483.6	585112.5	3000456.4	584946.5	3000389.3	584910.0	3000374.6
3271	585275.8	3000468.4	585184.8	3000431.7	585120.7	3000405.8	584959.4	3000340.6	584924.0	3000326.3
3272	585281.3	3000416.7	585197.1	3000382.7	585131.3	3000356.1	584971.6	3000291.6	584935.0	3000276.8
3273	585289.6	3000366.2	585204.2	3000331.6	585140.9	3000306.0	584983.7	3000242.5	584945.9	3000227.3
3274	585299.3	3000316.1	585213.5	3000281.5	585147.1	3000254.6	584995.4	3000193.3	584955.0	3000177.0
3275	585310.0	3000266.5	585221.6	3000230.8	585147.3	3000200.8	585006.5	3000143.9	584966.2	3000127.6
3276	585318.9	3000216.2	585230.3	3000180.4	585157.0	3000150.8	585017.4	3000094.4	584979.9	3000079.3
3277	585324.8	3000164.7	585240.9	3000130.7	585169.7	3000102.0	585030.1	3000045.6	584992.2	3000030.3
3278	585333.3	3000114.2	585254.6	3000082.4	585187.2	3000055.1	585044.3	2999997.4	585007.3	2999982.4
3279	585342.9	3000064.1	585269.2	3000034.3	585207.0	3000009.2	585062.2	2999950.7	585024.4	2999935.4
3280	585356.8	3000015.8	585285.7	2999987.1	585225.2	2999962.6	585080.9	2999904.3	585045.5	2999890.0
3281	585371.9	2999968.0	585304.2	2999940.6	585243.7	2999916.2	585102.0	2999858.9	585069.1	2999845.6
3282	585386.0	2999919.7	585325.0	2999895.1	585261.7	2999869.5	585123.1	2999813.5	585088.5	2999799.5
3283	585396.8	2999870.2	585342.7	2999848.3	585275.5	2999821.2	585141.7	2999767.1	585107.1	2999753.1
3284	585408.0	2999820.8	585358.4	2999800.7	585291.1	2999773.5	585160.1	2999720.6	585122.2	2999705.3
3285	585419.8	2999771.6	585372.9	2999752.7	585306.0	2999725.6	585173.1	2999671.9	585137.3	2999657.5
3286	585430.8	2999722.2	585388.5	2999705.1	585318.4	2999676.7	585190.7	2999625.1	585152.2	2999609.6
3287	585441.0	2999672.3	585401.4	2999656.3	585333.6	2999629.0	585208.1	2999578.2	585165.3	2999560.9
3288	585450.2	2999622.1	585415.2	2999608.0	585345.4	2999579.8	585220.3	2999529.2	585176.7	2999511.6
3289	585454.3	2999569.9	585429.5	2999559.9	585357.7	2999530.8	585238.0	2999482.5	585188.5	2999462.5
3290	585460.3	2999518.3	585441.2	2999510.6	585367.6	2999480.9	585254.4	2999435.1	585201.0	2999413.6
3291	585468.4	2999467.7	585451.7	2999460.9	585376.8	2999430.7	585268.2	2999386.8	585215.6	2999365.6
3292	585477.8	2999417.6	585460.7	2999410.7	585386.1	2999380.5	585279.8	2999337.6	585231.0	2999317.9
3293	585487.8	2999367.7	585468.3	2999359.8	585393.3	2999329.5	585293.6	2999289.2	585245.8	2999269.9
3294	585508.5	2999322.1	585486.1	2999313.0	585409.7	2999282.2	585311.7	2999242.6	585262.4	2999222.7
3295	585530.9	2999277.2	585505.2	2999266.9	585425.2	2999234.5	585325.3	2999194.2	585278.9	2999175.4
3296	585551.7	2999231.7	585528.0	2999222.1	585443.4	2999188.0	585339.9	2999146.2	585297.9	2999129.2
3297	585570.8	2999185.5	585551.7	2999177.8	585466.5	2999143.4	585361.5	2999100.9	585320.3	2999084.3
3298	585591.2	2999139.8	585573.2	2999132.6	585492.0	2999099.8	585382.4	2999055.5	585344.0	2999040.0
3299	585612.7	2999094.6	585591.1	2999085.9	585519.4	2999056.9	585402.1	2999009.5	585364.9	2998994.5
3300	585634.2	2999049.3	585613.0	2999040.8	585546.1	2999013.8	585425.4	2998965.0	585389.6	2998950.5
3301	585655.0	2999003.8	585634.3	2998995.4	585569.0	2998969.1	585449.6	2998920.8	585413.4	2998906.2
3302	585675.5	2998958.2	585654.2	2998949.6	585587.1	2998922.5	585475.1	2998877.2	585438.1	2998862.3
3303	585698.0	2998913.4	585673.2	2998903.3	585604.2	2998875.4	585501.1	2998833.8	585465.9	2998819.6
3304	585721.0	2998868.7	585691.5	2998856.8	585626.6	2998830.6	585523.1	2998788.8	585487.0	2998774.2

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3305	-0.8	-1.5	-2.5	-2.1	-3.2	-4.3	-2.9	-5.4	-2.8	-1.1
3306	-0.8	-1.6	-2.5	-2.1	-3.1	-4.4	-2.9	-5.5	-2.8	-1.1
3307	-1.0	-1.5	-2.6	-2.2	-2.7	-4.3	-2.9	-5.7	-2.9	-1.0
3308	-1.2	-1.5	-2.6	-2.2	-2.4	-4.2	-2.8	-5.8	-2.9	-0.9
3309	-1.3	-1.6	-2.6	-2.2	-2.1	-4.0	-2.7	-5.8	-2.9	-0.9
3310	-1.5	-1.6	-2.7	-2.2	-2.1	-4.1	-2.6	-5.9	-2.8	-0.7
3311	-1.6	-1.7	-2.8	-2.2	-2.1	-4.1	-2.6	-5.8	-2.8	-0.8
3312	-1.6	-1.7	-2.8	-2.2	-2.0	-4.1	-2.6	-6.0	-2.9	-0.7
3313	-1.4	-1.7	-2.8	-2.2	-2.5	-4.3	-2.7	-6.1	-2.8	-0.6
3314	-1.5	-1.7	-2.8	-2.2	-2.0	-4.2	-2.7	-6.2	-2.9	-0.7
3315	-1.5	-1.7	-2.8	-2.2	-2.1	-4.2	-2.7	-6.1	-2.9	-0.7
3316	-1.6	-1.7	-2.8	-2.2	-2.0	-4.1	-2.6	-5.9	-2.8	-0.7
3317	-1.5	-1.7	-2.7	-2.1	-1.9	-3.9	-2.5	-5.7	-2.7	-0.7
3318	-1.6	-1.7	-2.6	-2.1	-2.0	-3.7	-2.4	-5.3	-2.5	-0.7
3319	-1.6	-1.8	-2.5	-2.0	-2.1	-3.5	-2.3	-4.8	-2.4	-0.7
3320	-1.6	-1.8	-2.4	-2.0	-2.1	-3.3	-2.2	-4.5	-2.3	-0.8
3321	-1.6	-1.7	-2.3	-1.9	-1.8	-3.1	-2.2	-4.3	-2.3	-0.9
3322	-1.4	-1.6	-2.2	-1.9	-2.0	-3.0	-2.1	-3.9	-2.2	-1.0
3323	-1.5	-1.7	-2.2	-1.9	-2.0	-3.0	-2.1	-3.8	-2.1	-1.0
3324	-1.6	-1.6	-2.2	-1.8	-1.8	-2.8	-2.0	-3.7	-2.1	-1.0
3325	-1.4	-1.5	-2.1	-1.7	-1.7	-2.8	-2.0	-3.8	-2.0	-0.9
3326	-1.3	-1.3	-1.9	-1.6	-1.2	-2.7	-1.8	-4.0	-2.1	-0.8
3327	-1.1	-1.1	-1.9	-1.5	-1.0	-2.6	-1.8	-4.1	-2.1	-0.7
3328	-1.0	-1.0	-1.8	-1.5	-0.9	-2.6	-1.7	-4.1	-2.0	-0.6
3329	-1.0	-1.1	-1.8	-1.4	-1.4	-2.7	-1.7	-3.9	-1.9	-0.5
3330	-0.7	-0.9	-1.7	-1.4	-1.4	-2.7	-1.8	-4.0	-1.9	-0.5
3331	-0.5	-0.8	-1.6	-1.3	-1.4	-2.7	-1.8	-3.9	-1.9	-0.6
3332	-0.5	-0.7	-1.4	-1.3	-1.2	-2.5	-1.7	-3.6	-1.9	-0.8
3333	-0.6	-0.7	-1.4	-1.2	-1.1	-2.3	-1.7	-3.4	-1.9	-0.8
3334	-0.5	-0.7	-1.4	-1.2	-1.2	-2.4	-1.7	-3.4	-1.9	-0.8
3335	-0.5	-0.7	-1.4	-1.2	-1.3	-2.5	-1.7	-3.5	-1.8	-0.7
3336	-0.4	-0.8	-1.4	-1.2	-1.5	-2.4	-1.7	-3.2	-1.7	-0.8
3337	-0.4	-0.8	-1.4	-1.2	-1.6	-2.4	-1.7	-3.0	-1.7	-0.8
3338	-0.5	-0.8	-1.3	-1.2	-1.5	-2.2	-1.6	-3.0	-1.6	-0.7
3339	-0.5	-0.7	-1.3	-1.2	-1.3	-2.2	-1.5	-3.0	-1.6	-0.7
3340	-0.4	-0.7	-1.3	-1.1	-1.4	-2.3	-1.6	-3.1	-1.6	-0.7
3341	-0.4	-0.7	-1.3	-1.2	-1.3	-2.2	-1.6	-3.1	-1.7	-0.8
3342	-0.4	-0.7	-1.3	-1.2	-1.4	-2.2	-1.6	-3.0	-1.7	-0.8
3343	-0.3	-0.7	-1.3	-1.1	-1.6	-2.3	-1.6	-3.0	-1.6	-0.7
3344	-0.2	-0.8	-1.3	-1.1	-1.9	-2.5	-1.7	-3.1	-1.6	-0.6
3345	-0.2	-0.9	-1.4	-1.1	-2.7	-2.6	-1.7	-2.6	-1.4	-0.5
3346	-0.2	-0.9	-1.4	-1.1	-2.7	-2.6	-1.7	-2.6	-1.3	-0.5
3347	-0.2	-0.9	-1.3	-1.1	-2.5	-2.5	-1.7	-2.5	-1.4	-0.6
3348	-0.2	-0.8	-1.2	-1.1	-2.3	-2.4	-1.7	-2.5	-1.4	-0.8
3349	-0.3	-0.8	-1.2	-1.1	-1.8	-2.2	-1.6	-2.5	-1.5	-0.8
3350	-0.3	-0.6	-1.2	-1.1	-1.4	-2.2	-1.6	-2.9	-1.6	-0.8
3351	-0.3	-0.6	-1.2	-1.1	-1.3	-2.2	-1.5	-3.0	-1.6	-0.6
3352	-0.3	-0.6	-1.2	-1.0	-1.1	-2.1	-1.5	-3.0	-1.6	-0.7
3353	-0.4	-0.5	-1.1	-1.0	-0.8	-2.0	-1.4	-3.0	-1.6	-0.7
3354	-0.4	-0.5	-1.1	-1.0	-0.9	-1.9	-1.4	-2.9	-1.5	-0.6
3355	-0.4	-0.6	-1.1	-0.9	-0.8	-1.8	-1.2	-2.7	-1.4	-0.5
3356	-0.5	-0.6	-1.1	-0.7	-0.9	-1.7	-0.9	-2.5	-0.9	0.2
3357	-0.4	-0.6	-1.1	-0.7	-0.9	-1.7	-0.8	-2.4	-0.7	0.4
3358	-0.4	-0.6	-1.0	-0.6	-1.0	-1.7	-0.7	-2.3	-0.6	0.5
3359	-0.4	-0.6	-1.0	-0.6	-1.0	-1.7	-0.7	-2.3	-0.6	0.5
3360	-0.4	-0.6	-1.0	-0.6	-0.9	-1.6	-0.7	-2.2	-0.6	0.5

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3305	585743.2	2998823.8	585710.4	2998810.5	585650.6	2998786.3	585541.9	2998742.4	585509.0	2998729.1
3306	585765.1	2998778.7	585730.1	2998764.5	585671.7	2998740.9	585561.2	2998696.3	585529.3	2998683.4
3307	585787.3	2998733.7	585747.0	2998717.4	585696.2	2998696.9	585580.5	2998650.1	585549.7	2998637.7
3308	585810.8	2998689.3	585762.2	2998669.7	585718.4	2998652.0	585601.0	2998604.5	585573.0	2998593.2
3309	585834.3	2998644.9	585778.5	2998622.3	585738.7	2998606.2	585621.6	2998558.9	585595.7	2998548.5
3310	585856.9	2998600.1	585796.4	2998575.6	585757.6	2998559.9	585638.0	2998511.6	585617.4	2998503.3
3311	585879.0	2998555.1	585814.1	2998528.8	585775.2	2998513.1	585656.9	2998465.3	585634.5	2998456.3
3312	585900.5	2998509.8	585835.6	2998483.6	585798.7	2998468.7	585676.5	2998419.3	585655.0	2998410.6
3313	585921.3	2998464.3	585861.7	2998440.2	585816.1	2998421.8	585693.3	2998372.2	585675.7	2998365.0
3314	585942.1	2998418.8	585877.8	2998392.8	585840.7	2998377.8	585714.4	2998326.8	585694.6	2998318.8
3315	585962.6	2998373.1	585898.4	2998347.2	585859.2	2998331.4	585736.4	2998281.7	585716.4	2998273.7
3316	585983.1	2998327.5	585917.4	2998300.9	585880.3	2998285.9	585760.0	2998237.3	585738.6	2998228.7
3317	585999.0	2998280.0	585934.6	2998254.0	585898.8	2998239.5	585782.8	2998192.6	585762.3	2998184.3
3318	586015.7	2998232.8	585950.2	2998206.3	585913.2	2998191.4	585806.2	2998148.2	585785.6	2998139.8
3319	586033.7	2998186.1	585967.1	2998159.2	585927.5	2998143.2	585830.3	2998104.0	585809.4	2998095.5
3320	586051.1	2998139.2	585983.9	2998112.1	585944.9	2998096.3	585854.7	2998059.9	585830.2	2998050.0
3321	586065.5	2998091.1	585999.7	2998064.6	585966.0	2998050.9	585879.2	2998015.9	585852.0	2998004.9
3322	586080.0	2998043.1	586019.8	2998018.7	585982.3	2998003.6	585902.9	2997971.5	585873.0	2997959.4
3323	586101.5	2997997.8	586039.1	2997972.6	586001.2	2997957.3	585924.1	2997926.1	585895.0	2997914.4
3324	586122.9	2997952.5	586057.3	2997926.1	586023.7	2997912.5	585948.9	2997882.2	585919.2	2997870.3
3325	586136.7	2997904.2	586079.3	2997881.0	586046.8	2997867.9	585970.7	2997837.1	585945.3	2997826.9
3326	586150.6	2997855.9	586097.9	2997834.6	586075.2	2997825.4	585993.9	2997792.6	585971.5	2997783.5
3327	586166.1	2997808.2	586119.0	2997789.2	586100.9	2997781.9	586016.9	2997748.0	585996.0	2997739.5
3328	586183.3	2997761.3	586140.1	2997743.8	586123.1	2997736.9	586039.7	2997703.2	586021.6	2997695.9
3329	586204.8	2997716.0	586164.8	2997699.8	586139.4	2997689.6	586060.4	2997657.7	586046.3	2997652.0
3330	586218.7	2997667.7	586189.4	2997655.8	586163.6	2997645.4	586083.2	2997612.9	586068.4	2997607.0
3331	586232.6	2997619.4	586212.2	2997611.1	586185.5	2997600.3	586107.5	2997568.8	586088.4	2997561.1
3332	586248.8	2997572.0	586227.6	2997563.5	586204.7	2997554.2	586132.4	2997525.0	586108.6	2997515.4
3333	586265.7	2997524.9	586242.4	2997515.5	586222.7	2997507.5	586153.7	2997479.7	586128.5	2997469.5
3334	586286.6	2997479.4	586264.9	2997470.7	586242.5	2997461.6	586173.0	2997433.5	586149.1	2997423.9
3335	586307.9	2997434.1	586287.7	2997425.9	586262.9	2997415.9	586191.4	2997387.0	586172.0	2997379.2
3336	586327.8	2997388.2	586310.0	2997381.0	586281.3	2997369.4	586216.3	2997343.2	586193.9	2997334.1
3337	586347.6	2997342.3	586330.0	2997335.2	586299.5	2997322.8	586238.8	2997298.3	586215.2	2997288.8
3338	586367.4	2997296.4	586346.0	2997287.7	586319.0	2997276.8	586259.2	2997252.6	586237.9	2997244.1
3339	586388.4	2997250.9	586366.7	2997242.1	586343.4	2997232.7	586281.9	2997207.9	586261.0	2997199.4
3340	586409.9	2997205.7	586391.5	2997198.2	586364.8	2997187.5	586303.1	2997162.5	586283.7	2997154.7
3341	586432.0	2997160.7	586415.3	2997154.0	586391.2	2997144.2	586328.5	2997118.9	586304.7	2997109.3
3342	586455.5	2997116.2	586436.9	2997108.7	586411.7	2997098.5	586351.4	2997074.2	586328.2	2997064.8
3343	586479.0	2997071.8	586465.4	2997066.3	586435.3	2997054.2	586375.0	2997029.8	586353.1	2997021.0
3344	586503.5	2997027.8	586493.4	2997023.7	586458.1	2997009.5	586395.2	2996984.0	586378.8	2996977.4
3345	586528.4	2996983.9	586521.7	2996981.2	586472.1	2996961.2	586419.1	2996939.8	586402.8	2996933.2
3346	586553.2	2996940.0	586546.5	2996937.3	586497.3	2996917.4	586443.8	2996895.8	586430.0	2996890.2
3347	586576.4	2996895.5	586568.6	2996892.3	586522.1	2996873.5	586470.5	2996852.7	586453.4	2996845.8
3348	586599.6	2996850.9	586590.8	2996847.4	586549.0	2996830.5	586499.4	2996810.4	586476.4	2996801.1
3349	586623.1	2996806.5	586611.5	2996801.8	586577.5	2996788.0	586527.5	2996767.9	586504.7	2996758.6
3350	586647.3	2996762.3	586633.8	2996756.9	586608.6	2996746.7	586550.0	2996723.0	586527.3	2996713.8
3351	586671.5	2996718.2	586658.2	2996712.8	586634.2	2996703.1	586572.9	2996678.3	586554.1	2996670.7
3352	586695.4	2996673.9	586681.3	2996668.2	586661.3	2996660.1	586600.6	2996635.6	586581.0	2996627.7
3353	586719.1	2996629.5	586703.0	2996623.1	586688.2	2996617.1	586627.1	2996592.4	586607.5	2996584.5
3354	586742.7	2996585.2	586727.2	2996578.9	586710.8	2996572.3	586652.2	2996548.6	586633.5	2996541.0
3355	586766.1	2996540.7	586747.7	2996533.3	586732.7	2996527.2	586678.1	2996505.1	586663.6	2996499.3
3356	586789.5	2996496.2	586770.4	2996488.5	586754.6	2996482.1	586704.8	2996462.0	586709.2	2996463.8
3357	586812.5	2996451.6	586793.9	2996444.1	586776.4	2996437.0	586727.7	2996417.3	586740.4	2996422.5
3358	586835.5	2996407.0	586817.4	2996399.6	586798.5	2996392.0	586751.1	2996372.9	586766.5	2996379.1
3359	586858.4	2996362.3	586841.0	2996355.3	586821.7	2996347.4	586774.6	2996328.4	586789.7	2996334.5
3360	586881.1	2996317.5	586863.5	2996310.4	586846.5	2996303.6	586801.0	2996285.2	586815.4	2996291.0

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3361	-0.4	-0.5	-1.0	-0.6	-1.0	-1.6	-0.7	-2.2	-0.7	0.4
3362	-0.3	-0.5	-0.9	-0.6	-1.0	-1.6	-0.7	-2.1	-0.6	0.4
3363	-0.3	-0.5	-0.9	-0.6	-0.9	-1.5	-0.8	-2.0	-0.7	0.2
3364	-0.4	-0.6	-1.0	-0.6	-1.0	-1.6	-0.7	-2.1	-0.6	0.4
3365	-0.3	-0.6	-0.9	-0.6	-1.2	-1.6	-0.7	-2.0	-0.6	0.4
3366	-0.3	-0.6	-1.0	-0.6	-1.2	-1.7	-0.8	-2.1	-0.6	0.4
3367	-0.3	-0.6	-1.0	-0.6	-1.4	-1.7	-0.8	-2.0	-0.5	0.5
3368	-0.2	-0.6	-0.9	-0.6	-1.5	-1.7	-0.8	-1.9	-0.5	0.5
3369	-0.2	-0.6	-0.9	-0.5	-1.5	-1.7	-0.7	-1.8	-0.4	0.5
3370	-0.3	-0.6	-0.9	-0.5	-1.4	-1.6	-0.7	-1.7	-0.4	0.5
3371	-0.4	-0.7	-1.0	-0.6	-1.4	-1.6	-0.7	-1.9	-0.4	0.6
3372	-0.3	-0.6	-1.0	-0.5	-1.4	-1.8	-0.7	-2.1	-0.4	0.8
3373	-0.3	-0.6	-0.9	-0.5	-1.3	-1.7	-0.7	-2.0	-0.4	0.6
3374	-0.3	-0.5	-1.0	-0.5	-1.0	-1.7	-0.6	-2.5	-0.5	0.8
3375	-0.4	-0.5	-1.0	-0.5	-0.7	-1.6	-0.6	-2.5	-0.6	0.7
3376	-0.5	-0.6	-0.9	-0.6	-0.8	-1.4	-0.6	-2.0	-0.6	0.4
3377	-0.4	-0.5	-0.9	-0.6	-0.8	-1.5	-0.7	-2.1	-0.7	0.3
3378	-0.4	-0.5	-0.9	-0.7	-0.7	-1.5	-0.8	-2.1	-0.8	0.1
3379	-0.4	-0.5	-0.9	-0.7	-0.6	-1.3	-0.8	-2.1	-0.9	-0.1
3380	-0.4	-0.5	-0.9	-0.7	-0.8	-1.4	-0.9	-2.0	-0.9	-0.1
3381	-0.4	-0.6	-0.8	-0.7	-1.0	-1.4	-0.9	-1.7	-0.8	-0.2
3382	-0.3	-0.5	-0.8	-0.6	-1.0	-1.4	-0.8	-1.7	-0.8	-0.1
3383	-0.4	-0.6	-0.8	-0.6	-1.1	-1.3	-0.8	-1.5	-0.6	-0.1
3384	-0.4	-0.6	-0.8	-0.6	-1.1	-1.2	-0.8	-1.3	-0.6	-0.2
3385	-0.3	-0.6	-0.6	-0.5	-1.1	-0.8	-0.6	-0.6	-0.4	-0.3
3386	-0.4	-0.6	-0.6	-0.5	-1.0	-0.8	-0.6	-0.6	-0.4	-0.3
3387	-0.4	-0.6	-0.6	-0.5	-1.0	-0.9	-0.6	-0.8	-0.5	-0.2
3388	-0.4	-0.5	-0.7	-0.5	-0.7	-0.9	-0.6	-1.1	-0.5	-0.1
3389	-0.4	-0.5	-0.7	-0.5	-0.5	-0.9	-0.5	-1.3	-0.5	0.0
3390	-0.6	-0.4	-0.7	-0.5	0.1	-0.7	-0.4	-1.4	-0.6	0.0
3391	-0.7	-0.3	-0.6	-0.5	0.5	-0.6	-0.4	-1.6	-0.7	-0.1
3392	-0.6	-0.2	-0.6	-0.5	0.7	-0.6	-0.4	-1.8	-0.8	-0.1
3393	-0.6	-0.2	-0.6	-0.4	0.6	-0.6	-0.4	-1.8	-0.7	0.0
3394	-0.5	-0.1	-0.6	-0.4	0.6	-0.6	-0.3	-1.8	-0.7	0.0
3395	-0.4	-0.2	-0.5	-0.4	0.1	-0.7	-0.3	-1.4	-0.5	0.1
3396	-0.3	-0.3	-0.5	-0.3	-0.2	-0.7	-0.3	-1.2	-0.4	0.2
3397	-0.3	-0.4	-0.5	-0.3	-0.6	-0.7	-0.3	-0.8	-0.2	0.3
3398	-0.3	-0.4	-0.5	-0.3	-0.6	-0.6	-0.3	-0.6	-0.1	0.2
3399	-0.4	-0.4	-0.4	-0.3	-0.6	-0.5	-0.2	-0.4	-0.1	0.1
3400	-0.4	-0.4	-0.5	-0.3	-0.6	-0.6	-0.2	-0.5	-0.1	0.2
3401	-0.3	-0.3	-0.4	-0.3	-0.3	-0.4	-0.2	-0.5	-0.1	0.1
3402	-0.4	-0.4	-0.3	-0.2	-0.3	-0.3	-0.1	-0.3	-0.1	0.1
3403	-0.4	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1	-0.2	0.0	0.1
3404	-0.5	-0.3	-0.4	-0.2	0.1	-0.2	0.0	-0.5	-0.1	0.2
3405	-0.6	-0.4	-0.4	-0.2	0.1	-0.3	0.0	-0.6	-0.1	0.3
3406	-0.5	-0.4	-0.4	-0.2	-0.1	-0.4	0.0	-0.6	0.0	0.4
3407	-0.3	-0.3	-0.4	-0.1	-0.3	-0.5	-0.1	-0.6	0.0	0.5
3408	-0.3	-0.4	-0.4	-0.1	-0.5	-0.6	0.0	-0.6	0.1	0.7
3409	-0.3	-0.4	-0.5	-0.2	-0.6	-0.6	-0.1	-0.7	0.1	0.7
3410	-0.4	-0.5	-0.5	-0.2	-0.6	-0.7	0.0	-0.8	0.2	0.8
3411	-0.4	-0.6	-0.6	-0.2	-0.9	-0.7	-0.1	-0.6	0.3	0.8
3412	-0.4	-0.6	-0.6	-0.2	-1.2	-0.7	-0.2	-0.3	0.2	0.6
3413	-0.4	-0.7	-0.5	-0.2	-1.3	-0.6	-0.1	-0.1	0.4	0.7
3414	-0.5	-0.5	-0.5	-0.2	-0.7	-0.5	0.0	-0.3	0.2	0.6
3415	-0.6	-0.5	-0.5	-0.2	-0.2	-0.3	0.0	-0.4	0.1	0.5
3416	-0.7	-0.4	-0.4	-0.2	0.1	-0.2	0.1	-0.5	0.1	0.5

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3361	586904.1	2996272.9	586889.2	2996266.8	586871.1	2996259.6	586827.6	2996242.0	586838.3	2996246.3
3362	586927.7	2996228.5	586913.9	2996222.9	586894.7	2996215.2	586851.9	2996197.9	586863.3	2996202.5
3363	586952.7	2996184.7	586938.7	2996179.0	586921.5	2996172.1	586880.2	2996155.4	586885.9	2996157.7
3364	586977.7	2996140.9	586962.6	2996134.7	586943.1	2996126.9	586900.6	2996109.7	586911.6	2996114.1
3365	587002.4	2996096.9	586988.6	2996091.3	586967.1	2996082.6	586926.7	2996066.3	586937.6	2996070.7
3366	587026.6	2996052.7	587014.3	2996047.8	586992.0	2996038.8	586949.8	2996021.7	586961.0	2996026.2
3367	587049.9	2996008.2	587038.6	2996003.6	587012.9	2995993.3	586971.7	2995976.7	586986.2	2995982.5
3368	587070.7	2995962.7	587061.6	2995959.0	587034.0	2995947.9	586995.0	2995932.1	587009.3	2995937.9
3369	587091.5	2995917.2	587083.3	2995913.9	587055.6	2995902.7	587018.9	2995887.9	587033.1	2995893.6
3370	587114.8	2995872.7	587102.6	2995867.7	587076.6	2995857.2	587041.8	2995843.2	587056.0	2995848.9
3371	587140.5	2995829.1	587125.2	2995822.9	587100.0	2995812.8	587061.2	2995797.1	587078.1	2995803.9
3372	587161.0	2995783.5	587148.0	2995778.2	587122.5	2995767.9	587080.1	2995750.8	587102.5	2995759.9
3373	587181.2	2995737.7	587169.2	2995732.9	587144.5	2995722.9	587104.9	2995706.9	587123.8	2995714.5
3374	587202.7	2995692.5	587189.2	2995687.0	587171.5	2995679.9	587121.7	2995659.8	587145.6	2995669.4
3375	587225.8	2995647.9	587208.4	2995640.9	587195.8	2995635.8	587145.8	2995615.6	587167.7	2995624.4
3376	587248.3	2995603.0	587228.7	2995595.1	587213.5	2995589.0	587172.8	2995572.6	587185.7	2995577.8
3377	587267.0	2995556.7	587248.6	2995549.2	587234.0	2995543.3	587191.8	2995526.3	587199.3	2995529.3
3378	587285.7	2995510.3	587267.9	2995503.1	587254.2	2995497.6	587211.1	2995480.2	587213.9	2995481.3
3379	587305.3	2995464.3	587287.4	2995457.1	587276.7	2995452.8	587235.2	2995436.0	587231.3	2995434.4
3380	587326.1	2995418.8	587309.4	2995412.1	587293.8	2995405.7	587253.8	2995389.6	587251.0	2995388.4
3381	587346.9	2995373.2	587332.2	2995367.3	587313.4	2995359.7	587278.7	2995345.7	587273.9	2995343.8
3382	587367.8	2995327.8	587354.4	2995322.3	587335.6	2995314.8	587301.2	2995300.9	587297.6	2995299.4
3383	587388.9	2995282.4	587372.0	2995275.5	587352.4	2995267.6	587321.7	2995255.2	587320.2	2995254.6
3384	587407.5	2995235.9	587392.2	2995229.8	587371.0	2995221.2	587344.7	2995210.6	587339.4	2995208.5
3385	587424.0	2995188.7	587409.5	2995182.8	587389.3	2995174.7	587377.5	2995169.9	587368.4	2995166.2
3386	587443.8	2995142.8	587428.3	2995136.5	587409.4	2995128.9	587397.1	2995123.9	587388.4	2995120.4
3387	587464.3	2995097.1	587448.6	2995090.8	587429.3	2995083.0	587413.1	2995076.4	587406.4	2995073.8
3388	587483.9	2995051.1	587467.8	2995044.6	587454.3	2995039.1	587431.1	2995029.8	587429.0	2995028.9
3389	587503.4	2995005.1	587485.1	2994997.7	587475.0	2994993.6	587449.3	2994983.2	587449.0	2994983.1
3390	587521.5	2994958.5	587496.0	2994948.1	587497.2	2994948.6	587468.2	2994936.9	587467.0	2994936.4
3391	587538.6	2994911.4	587510.4	2994900.1	587520.2	2994904.0	587487.6	2994890.8	587483.3	2994889.1
3392	587554.8	2994864.1	587528.3	2994853.3	587541.4	2994858.7	587505.6	2994844.2	587501.7	2994842.6
3393	587570.4	2994816.4	587547.2	2994807.1	587559.2	2994811.9	587523.4	2994797.4	587522.2	2994797.0
3394	587587.2	2994769.3	587566.7	2994761.0	587578.6	2994765.8	587542.5	2994751.2	587543.2	2994751.5
3395	587606.1	2994723.0	587589.3	2994716.2	587591.9	2994717.3	587562.9	2994705.6	587565.4	2994706.6
3396	587623.4	2994676.1	587611.5	2994671.3	587608.1	2994669.9	587584.6	2994660.4	587589.8	2994662.5
3397	587638.6	2994628.3	587627.6	2994623.8	587617.3	2994619.7	587600.5	2994612.9	587609.2	2994616.4
3398	587653.3	2994580.3	587639.8	2994574.8	587628.2	2994570.1	587616.8	2994565.5	587622.3	2994567.8
3399	587666.1	2994531.5	587650.5	2994525.2	587639.0	2994520.6	587630.6	2994517.2	587633.5	2994518.4
3400	587677.3	2994482.1	587662.3	2994476.1	587651.7	2994471.8	587640.8	2994467.4	587645.8	2994469.4
3401	587688.1	2994432.6	587673.7	2994426.7	587667.7	2994424.3	587658.3	2994420.5	587660.3	2994421.4
3402	587699.9	2994383.4	587684.9	2994377.4	587678.6	2994374.8	587673.2	2994372.6	587674.8	2994373.3
3403	587712.3	2994334.5	587695.2	2994327.6	587691.3	2994326.0	587687.2	2994324.3	587689.0	2994325.1
3404	587727.9	2994286.9	587705.1	2994277.6	587707.2	2994278.5	587697.8	2994274.7	587703.1	2994276.8
3405	587743.5	2994239.2	587720.2	2994229.8	587722.1	2994230.6	587709.2	2994225.4	587718.0	2994229.0
3406	587756.6	2994190.6	587737.2	2994182.8	587735.3	2994182.0	587723.3	2994177.2	587734.7	2994181.8
3407	587769.8	2994142.0	587756.9	2994136.8	587751.7	2994134.7	587738.7	2994129.5	587753.4	2994135.4
3408	587789.1	2994095.9	587777.2	2994091.1	587768.0	2994087.4	587755.2	2994082.2	587775.0	2994090.2
3409	587808.4	2994049.7	587795.1	2994044.4	587784.9	2994040.3	587771.6	2994034.9	587791.4	2994042.9
3410	587831.2	2994005.1	587814.1	2993998.1	587803.3	2993993.8	587788.0	2993987.6	587811.0	2993996.9
3411	587855.6	2993961.0	587839.5	2993954.5	587822.3	2993947.5	587811.0	2993942.9	587834.8	2993952.6
3412	587879.9	2993916.9	587863.8	2993910.4	587841.1	2993901.2	587835.1	2993898.8	587853.0	2993906.0
3413	587901.6	2993871.7	587886.0	2993865.4	587862.2	2993855.8	587860.9	2993855.3	587882.1	2993863.8
3414	587921.8	2993826.0	587903.0	2993818.3	587889.8	2993813.0	587884.1	2993810.7	587901.3	2993817.7
3415	587942.3	2993780.3	587919.2	2993771.0	587915.0	2993769.3	587906.0	2993765.6	587921.4	2993771.9
3416	587964.2	2993735.2	587935.8	2993723.7	587938.4	2993724.8	587928.4	2993720.8	587944.0	2993727.1

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3417	-0.7	-0.4	-0.5	-0.2	0.2	-0.2	0.2	-0.7	0.2	0.7
3418	-0.6	-0.3	-0.4	-0.1	0.4	-0.2	0.2	-0.7	0.2	0.7
3419	-0.5	-0.2	-0.4	0.0	0.4	-0.3	0.3	-0.9	0.2	1.0
3420	-0.1	-0.1	-0.3	0.0	0.0	-0.5	0.1	-0.9	0.2	1.0
3421	0.0	0.0	-0.3	0.1	-0.1	-0.6	0.1	-1.1	0.2	1.1
3422	0.0	0.1	-0.3	0.1	0.1	-0.6	0.1	-1.2	0.1	1.0
3423	0.0	0.1	-0.3	0.1	0.3	-0.6	0.1	-1.4	0.0	1.0
3424	0.1	0.1	-0.3	0.1	-0.1	-0.7	0.1	-1.2	0.1	1.0
3425	0.0	0.1	-0.2	0.1	0.2	-0.5	0.1	-1.1	0.1	0.9
3426	0.2	0.1	-0.2	0.1	0.0	-0.5	0.1	-1.0	0.1	0.9
3427	0.2	0.1	-0.1	0.1	-0.1	-0.5	0.1	-0.8	0.2	0.8
3428	0.2	0.1	-0.1	0.1	0.0	-0.4	0.1	-0.8	0.1	0.8
3429	0.3	0.1	-0.1	0.1	-0.1	-0.6	0.0	-1.0	0.1	0.9
3430	0.3	0.2	-0.1	0.2	-0.1	-0.5	0.1	-0.8	0.1	0.8
3431	0.4	0.3	0.0	0.2	0.1	-0.5	0.1	-1.0	0.1	0.9
3432	0.4	0.3	0.0	0.2	0.1	-0.5	0.1	-1.0	0.1	0.8
3433	0.5	0.4	0.0	0.2	0.0	-0.6	0.0	-1.2	0.0	0.9
3434	0.5	0.4	0.0	0.2	0.2	-0.5	0.0	-1.2	0.0	0.8
3435	0.6	0.4	0.0	0.2	0.0	-0.6	0.0	-1.2	0.0	0.8
3436	0.5	0.3	0.0	0.2	-0.2	-0.6	0.0	-1.0	0.0	0.7
3437	0.3	0.3	0.0	0.2	0.1	-0.4	0.1	-0.7	0.1	0.6
3438	0.2	0.2	-0.1	0.1	0.1	-0.4	0.1	-0.8	0.0	0.6
3439	0.2	0.2	-0.1	0.1	0.1	-0.4	0.0	-0.9	0.0	0.6
3440	0.3	0.1	-0.1	0.1	-0.2	-0.4	0.0	-0.7	0.1	0.6
3441	0.3	0.1	-0.1	0.1	-0.3	-0.5	0.0	-0.7	0.1	0.6
3442	0.2	0.1	-0.1	0.1	0.0	-0.5	0.0	-0.9	0.0	0.7
3443	0.2	0.2	-0.1	0.1	0.1	-0.4	0.0	-0.9	0.0	0.6
3444	0.0	0.1	-0.1	0.1	0.3	-0.2	0.1	-0.7	0.0	0.4
3445	-0.2	0.1	-0.1	0.0	0.9	0.0	0.2	-0.8	-0.1	0.4
3446	-0.3	0.0	-0.2	0.0	0.9	0.0	0.2	-0.7	0.0	0.5
3447	-0.4	0.0	-0.2	0.0	1.1	0.1	0.2	-0.8	-0.1	0.4
3448	-0.5	0.0	-0.2	0.0	1.1	0.2	0.3	-0.6	-0.1	0.3
3449	-0.5	-0.1	-0.2	0.0	0.8	0.2	0.3	-0.5	0.0	0.4
3450	-0.4	-0.1	-0.2	0.0	0.6	0.1	0.2	-0.4	0.1	0.4
3451	-0.4	-0.1	-0.2	0.0	0.5	0.1	0.2	-0.4	0.1	0.4
3452	-0.5	-0.1	-0.2	-0.1	0.7	0.0	0.2	-0.5	0.0	0.4
3453	-0.5	-0.1	-0.3	-0.1	0.7	0.0	0.2	-0.7	0.1	0.6
3454	-0.6	-0.2	-0.3	0.0	0.6	0.0	0.3	-0.5	0.2	0.6
3455	-0.5	-0.2	-0.2	0.0	0.6	0.1	0.3	-0.4	0.2	0.7
3456	-0.4	-0.1	-0.2	0.0	0.5	0.0	0.3	-0.4	0.2	0.6
3457	-0.4	-0.2	-0.2	0.0	0.3	0.0	0.3	-0.4	0.2	0.6
3458	-0.4	-0.1	-0.3	0.0	0.6	-0.1	0.2	-0.8	0.1	0.7
3459	-0.5	-0.1	-0.2	0.0	0.8	0.0	0.3	-0.7	0.1	0.7
3460	-0.6	-0.2	-0.3	0.0	0.6	0.0	0.3	-0.6	0.1	0.7
3461	-0.5	-0.3	-0.3	-0.1	0.4	-0.1	0.2	-0.6	0.1	0.6
3462	-0.6	-0.3	-0.4	-0.1	0.5	-0.1	0.2	-0.6	0.1	0.5
3463	-0.6	-0.3	-0.3	-0.1	0.3	0.0	0.2	-0.2	0.1	0.3
3464	-0.5	-0.4	-0.3	-0.1	-0.1	-0.1	0.1	-0.1	0.2	0.4
3465	-0.6	-0.3	-0.3	-0.1	0.3	0.0	0.2	-0.3	0.1	0.4
3466	-0.6	-0.3	-0.3	-0.1	0.4	0.0	0.2	-0.4	0.2	0.5
3467	-0.6	-0.3	-0.3	-0.1	0.3	0.1	0.2	-0.1	0.2	0.3
3468	-0.5	-0.3	-0.3	-0.1	0.1	0.0	0.1	0.0	0.1	0.3
3469	-0.5	-0.3	-0.3	-0.1	0.0	0.0	0.1	-0.1	0.2	0.4
3470	-0.5	-0.2	-0.3	-0.1	0.3	0.0	0.1	-0.3	0.0	0.3
3471	-0.5	-0.2	-0.3	-0.1	0.5	0.0	0.1	-0.6	0.0	0.3
3472	-0.4	-0.2	-0.2	-0.1	0.4	-0.1	0.2	-0.5	0.1	0.4

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3417	587985.5	2993689.9	587955.1	2993677.6	587958.9	2993679.2	587945.4	2993673.7	587967.2	2993682.5
3418	588000.9	2993642.2	587974.1	2993631.4	587981.2	2993634.2	587967.5	2993628.7	587989.0	2993637.4
3419	588016.3	2993594.5	587996.3	2993586.4	588004.1	2993589.6	587985.5	2993582.1	588014.0	2993593.6
3420	588032.9	2993547.3	588027.5	2993545.1	588026.7	2993544.8	588008.4	2993537.4	588037.8	2993549.2
3421	588051.7	2993500.9	588051.8	2993501.0	588049.8	2993500.2	588027.9	2993491.3	588059.9	2993504.3
3422	588070.6	2993454.7	588072.4	2993455.4	588074.3	2993456.1	588049.2	2993446.0	588079.3	2993458.2
3423	588091.2	2993409.0	588092.6	2993409.6	588098.0	2993411.8	588070.1	2993400.5	588098.9	2993412.2
3424	588111.7	2993363.4	588116.1	2993365.2	588114.9	2993364.7	588090.3	2993354.8	588119.6	2993366.6
3425	588130.1	2993316.9	588132.0	2993317.7	588135.5	2993319.1	588113.2	2993310.1	588140.6	2993321.2
3426	588148.4	2993270.4	588155.2	2993273.1	588155.5	2993273.2	588134.3	2993264.7	588162.2	2993276.0
3427	588166.6	2993223.8	588175.8	2993227.5	588173.3	2993226.5	588156.7	2993219.8	588181.5	2993229.8
3428	588187.7	2993178.4	588194.8	2993181.3	588194.1	2993181.0	588177.7	2993174.3	588200.4	2993183.5
3429	588206.6	2993132.1	588217.6	2993136.6	588215.2	2993135.6	588194.6	2993127.3	588220.5	2993137.7
3430	588222.3	2993084.5	588235.1	2993089.7	588233.0	2993088.9	588216.0	2993082.0	588239.3	2993091.4
3431	588238.1	2993037.0	588253.2	2993043.1	588254.2	2993043.5	588234.4	2993035.5	588260.4	2993046.0
3432	588256.5	2992990.5	588274.1	2992997.6	588275.4	2992998.1	588255.0	2992989.9	588280.1	2993000.0
3433	588275.4	2992944.2	588296.6	2992952.8	588296.6	2992952.8	588272.3	2992943.0	588299.0	2992953.7
3434	588294.9	2992898.2	588316.0	2992906.7	588319.0	2992907.9	588295.5	2992898.4	588319.1	2992908.0
3435	588316.0	2992852.8	588339.6	2992862.3	588339.4	2992862.2	588315.7	2992852.6	588338.4	2992861.8
3436	588337.1	2992807.4	588359.1	2992816.2	588355.7	2992814.9	588336.3	2992807.0	588356.7	2992815.3
3437	588359.1	2992762.3	588373.1	2992768.0	588374.4	2992768.5	588359.5	2992762.5	588377.4	2992769.7
3438	588381.0	2992717.2	588391.1	2992721.3	588393.6	2992722.3	588376.6	2992715.4	588395.0	2992722.9
3439	588402.9	2992672.2	588413.0	2992676.2	588415.1	2992677.1	588396.1	2992669.4	588415.2	2992677.1
3440	588423.7	2992626.6	588435.2	2992631.3	588432.2	2992630.1	588418.2	2992624.4	588436.3	2992631.7
3441	588444.5	2992581.1	588455.6	2992585.6	588450.5	2992583.6	588437.2	2992578.2	588454.8	2992585.3
3442	588464.2	2992535.2	588472.8	2992538.6	588472.5	2992538.5	588453.6	2992530.9	588473.8	2992539.0
3443	588483.0	2992488.8	588491.0	2992492.0	588493.1	2992492.9	588474.6	2992485.4	588491.9	2992492.4
3444	588502.1	2992442.6	588504.1	2992443.4	588509.7	2992445.7	588495.5	2992439.9	588508.4	2992445.1
3445	588522.8	2992397.0	588514.2	2992393.5	588530.7	2992400.2	588514.5	2992393.7	588526.5	2992398.5
3446	588543.4	2992351.4	588530.3	2992346.1	588546.3	2992352.6	588531.3	2992346.5	588546.2	2992352.6
3447	588562.7	2992305.3	588544.2	2992297.8	588564.1	2992305.9	588548.4	2992299.5	588559.9	2992304.2
3448	588581.5	2992259.0	588558.8	2992249.8	588579.6	2992258.2	588567.3	2992253.2	588576.1	2992256.8
3449	588597.8	2992211.6	588577.0	2992203.2	588592.8	2992209.6	588583.5	2992205.9	588595.0	2992210.5
3450	588614.2	2992164.3	588597.0	2992157.4	588607.5	2992161.6	588599.6	2992158.5	588612.4	2992163.6
3451	588632.3	2992117.7	588614.3	2992110.5	588623.8	2992114.3	588616.5	2992111.3	588629.2	2992116.5
3452	588650.4	2992071.1	588630.7	2992063.2	588643.3	2992068.2	588632.3	2992063.8	588645.0	2992068.9
3453	588668.7	2992024.6	588646.9	2992015.7	588659.8	2992021.0	588645.8	2992015.3	588662.5	2992022.1
3454	588687.0	2991978.1	588663.2	2991968.4	588675.0	2991973.2	588665.0	2991969.1	588682.5	2991976.2
3455	588702.9	2991930.5	588680.3	2991921.4	588691.7	2991926.0	588683.1	2991922.5	588704.0	2991931.0
3456	588718.7	2991883.0	588700.5	2991875.7	588710.6	2991879.7	588702.4	2991876.4	588720.4	2991883.7
3457	588736.5	2991836.2	588719.6	2991829.4	588726.1	2991832.0	588718.8	2991829.1	588737.6	2991836.7
3458	588754.5	2991789.6	588736.8	2991782.4	588747.9	2991786.9	588732.6	2991780.8	588753.0	2991789.0
3459	588772.6	2991743.0	588752.3	2991734.8	588766.8	2991740.6	588753.1	2991735.1	588772.9	2991743.1
3460	588794.2	2991697.8	588770.7	2991688.3	588782.4	2991693.0	588770.2	2991688.1	588789.6	2991695.9
3461	588815.8	2991652.6	588793.4	2991643.5	588800.4	2991646.4	588789.1	2991641.8	588805.5	2991648.4
3462	588835.9	2991606.8	588809.5	2991596.1	588818.9	2991599.9	588807.5	2991595.3	588822.2	2991601.2
3463	588854.0	2991560.2	588827.6	2991549.5	588833.5	2991551.9	588828.6	2991549.9	588839.0	2991554.1
3464	588872.0	2991513.5	588849.8	2991504.6	588848.3	2991503.9	588845.5	2991502.8	588857.2	2991507.6
3465	588887.8	2991466.0	588862.8	2991455.9	588867.7	2991457.8	588862.5	2991455.7	588875.0	2991460.8
3466	588904.4	2991418.8	588878.9	2991408.5	588886.5	2991411.5	588879.0	2991408.5	588894.6	2991414.8
3467	588923.5	2991372.5	588897.6	2991362.1	588902.9	2991364.2	588901.6	2991363.7	588910.7	2991367.4
3468	588942.5	2991326.3	588919.8	2991317.1	588922.1	2991318.1	588921.4	2991317.8	588929.1	2991320.9
3469	588961.1	2991279.9	588940.0	2991271.3	588940.2	2991271.5	588938.5	2991270.8	588949.8	2991275.3
3470	588979.7	2991233.5	588959.1	2991225.1	588965.0	2991227.5	588959.2	2991225.2	588966.9	2991228.3
3471	588997.1	2991186.6	588977.7	2991178.7	588987.7	2991182.8	588976.5	2991178.3	588986.5	2991182.3
3472	589014.3	2991139.6	588996.9	2991132.6	589004.6	2991135.7	588994.9	2991131.7	589007.7	2991136.9

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3473	-0.3	-0.2	-0.2	-0.1	0.2	-0.1	0.1	-0.3	0.1	0.4
3474	-0.3	-0.2	-0.3	0.0	0.1	-0.3	0.1	-0.7	0.1	0.6
3475	-0.2	-0.1	-0.3	-0.1	0.2	-0.4	0.0	-0.9	0.0	0.6
3476	-0.3	-0.1	-0.3	0.0	0.3	-0.3	0.1	-0.9	0.0	0.6
3477	-0.2	-0.1	-0.3	-0.1	0.2	-0.4	0.0	-1.0	-0.1	0.6
3478	-0.2	-0.1	-0.3	-0.1	0.1	-0.5	0.0	-1.1	-0.1	0.6
3479	-0.1	0.0	-0.3	-0.1	0.2	-0.5	-0.1	-1.2	-0.1	0.5
3480	-0.3	0.1	-0.3	-0.1	0.8	-0.3	0.0	-1.2	-0.3	0.3
3481	-0.2	0.1	-0.2	-0.1	0.8	-0.3	-0.1	-1.3	-0.4	0.3
3482	-0.1	0.1	-0.2	-0.1	0.6	-0.4	-0.1	-1.2	-0.4	0.2
3483	-0.1	0.2	-0.2	-0.1	0.9	-0.4	-0.1	-1.5	-0.4	0.3
3484	0.0	0.3	-0.2	-0.1	0.9	-0.4	-0.1	-1.6	-0.5	0.3
3485	0.1	0.3	-0.2	0.0	0.9	-0.4	-0.1	-1.6	-0.4	0.3
3486	0.1	0.3	-0.2	0.0	0.9	-0.4	0.0	-1.7	-0.3	0.6
3487	0.0	0.4	-0.1	0.0	1.1	-0.3	0.0	-1.6	-0.4	0.5
3488	0.0	0.4	-0.1	0.0	1.2	-0.3	0.0	-1.7	-0.4	0.4
3489	0.0	0.4	-0.1	0.0	1.4	-0.3	0.1	-1.8	-0.4	0.5
3490	0.0	0.4	-0.1	0.0	1.4	-0.1	0.1	-1.6	-0.4	0.4
3491	-0.1	0.4	-0.1	0.0	1.4	-0.1	0.1	-1.4	-0.4	0.4
3492	0.0	0.4	-0.1	0.1	1.2	-0.1	0.1	-1.3	-0.3	0.4
3493	0.0	0.4	0.0	0.1	1.2	-0.1	0.1	-1.3	-0.3	0.4
3494	0.2	0.4	0.0	0.1	1.0	-0.2	0.1	-1.3	-0.3	0.4
3495	0.3	0.5	0.0	0.1	0.9	-0.3	0.0	-1.3	-0.3	0.4
3496	0.3	0.5	0.1	0.1	1.0	-0.2	0.0	-1.3	-0.3	0.4
3497	0.3	0.5	0.0	0.1	0.9	-0.3	0.0	-1.3	-0.4	0.3
3498	0.4	0.5	0.1	0.1	0.8	-0.3	0.0	-1.2	-0.3	0.3
3499	0.4	0.6	0.1	0.1	0.8	-0.2	0.0	-1.3	-0.3	0.3
3500	0.5	0.5	0.1	0.2	0.6	-0.3	-0.1	-1.2	-0.3	0.3
3501	0.6	0.4	0.1	0.2	0.0	-0.5	-0.1	-0.9	-0.1	0.5
3502	0.7	0.4	0.1	0.2	-0.1	-0.5	-0.1	-1.0	-0.1	0.5
3503	0.7	0.4	0.1	0.2	-0.2	-0.5	0.0	-0.8	0.0	0.6
3504	0.7	0.4	0.1	0.4	-0.2	-0.5	0.2	-0.8	0.3	1.1
3505	0.6	0.4	0.1	0.4	-0.3	-0.5	0.3	-0.6	0.5	1.2
3506	0.5	0.3	0.1	0.4	-0.1	-0.4	0.3	-0.6	0.5	1.2
3507	0.5	0.3	0.1	0.4	-0.1	-0.4	0.3	-0.6	0.4	1.1
3508	0.5	0.4	0.1	0.4	0.0	-0.4	0.3	-0.7	0.4	1.1
3509	0.4	0.4	0.1	0.4	0.3	-0.3	0.3	-0.8	0.3	1.1
3510	0.3	0.3	0.0	0.3	0.3	-0.2	0.4	-0.7	0.4	1.2
3511	0.1	0.3	0.0	0.3	0.7	-0.1	0.4	-0.8	0.3	1.1
3512	-0.1	0.2	-0.1	0.2	0.9	-0.1	0.4	-0.9	0.3	1.1
3513	-0.2	0.2	-0.1	0.2	1.0	-0.1	0.4	-1.0	0.2	1.0
3514	-0.1	0.0	-0.2	0.1	0.4	-0.2	0.3	-0.8	0.3	1.0
3515	-0.2	-0.1	-0.2	0.1	0.2	-0.2	0.3	-0.6	0.3	0.9
3516	-0.4	-0.2	-0.3	0.1	0.0	-0.2	0.3	-0.4	0.4	0.9
3517	-0.5	-0.3	-0.3	0.0	0.0	-0.1	0.3	-0.3	0.4	0.9
3518	-0.6	-0.3	-0.3	0.0	0.3	0.0	0.3	-0.3	0.3	0.8
3519	-0.8	-0.3	-0.4	0.0	0.8	0.2	0.4	-0.4	0.3	0.8
3520	-0.9	-0.3	-0.4	0.0	0.8	0.1	0.4	-0.5	0.3	0.8
3521	-0.9	-0.3	-0.3	0.0	0.8	0.2	0.5	-0.4	0.4	0.9
3522	-0.9	-0.3	-0.3	0.0	1.0	0.4	0.6	-0.2	0.4	0.8
3523	-0.9	-0.3	-0.2	0.1	1.3	0.5	0.7	-0.2	0.4	0.9
3524	-1.0	-0.2	-0.2	0.1	1.5	0.6	0.7	-0.2	0.5	1.0
3525	-0.8	-0.2	-0.2	0.1	1.0	0.5	0.7	0.1	0.6	0.9
3526	-0.6	-0.2	-0.1	0.2	0.9	0.5	0.6	0.2	0.6	0.8
3527	-0.6	-0.2	0.0	0.2	0.9	0.7	0.7	0.4	0.6	0.7
3528	-0.6	-0.1	0.0	0.2	0.8	0.7	0.6	0.5	0.6	0.6

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3473	589032.0	2991092.8	589019.1	2991087.6	589022.1	2991088.8	589015.2	2991086.0	589025.9	2991090.4
3474	589050.7	2991046.4	589040.2	2991042.2	589041.6	2991042.8	589027.9	2991037.2	589045.3	2991044.2
3475	589069.4	2991000.1	589060.9	2990996.6	589063.7	2990997.8	589046.1	2990990.7	589063.2	2990997.6
3476	589088.2	2990953.7	589077.0	2990949.2	589083.4	2990951.8	589065.0	2990944.4	589083.2	2990951.7
3477	589106.9	2990907.4	589098.9	2990904.2	589101.8	2990905.3	589081.9	2990897.3	589098.9	2990904.1
3478	589125.9	2990861.1	589119.6	2990858.6	589121.6	2990859.4	589099.0	2990850.3	589117.5	2990857.7
3479	589145.7	2990815.2	589140.6	2990813.2	589143.8	2990814.4	589120.3	2990804.9	589136.4	2990811.4
3480	589165.5	2990769.3	589154.6	2990764.9	589169.1	2990770.7	589143.8	2990760.5	589152.9	2990764.2
3481	589184.4	2990723.0	589176.2	2990719.7	589190.5	2990725.4	589164.7	2990715.0	589172.3	2990718.1
3482	589202.7	2990676.4	589198.2	2990674.6	589209.3	2990679.1	589184.2	2990669.0	589191.3	2990671.8
3483	589219.9	2990629.5	589216.5	2990628.1	589232.6	2990634.6	589202.6	2990622.5	589210.9	2990625.8
3484	589233.9	2990581.2	589234.8	2990581.6	589250.7	2990588.0	589218.2	2990574.8	589227.0	2990578.4
3485	589249.1	2990533.4	589251.6	2990534.4	589268.7	2990541.3	589236.5	2990528.3	589246.6	2990532.4
3486	589266.2	2990486.4	589269.7	2990487.8	589286.9	2990494.8	589253.0	2990481.1	589270.3	2990488.1
3487	589284.1	2990439.7	589285.6	2990440.3	589306.0	2990448.5	589272.7	2990435.1	589288.2	2990441.3
3488	589304.9	2990394.2	589305.4	2990394.4	589326.9	2990403.1	589293.2	2990389.5	589305.5	2990394.4
3489	589324.0	2990348.0	589323.4	2990347.7	589349.1	2990358.1	589313.5	2990343.7	589327.9	2990349.5
3490	589343.1	2990301.7	589342.7	2990301.6	589368.9	2990312.2	589337.1	2990299.3	589347.8	2990303.7
3491	589362.1	2990255.5	589359.1	2990254.3	589384.8	2990264.7	589356.1	2990253.1	589367.2	2990257.6
3492	589378.6	2990208.2	589377.5	2990207.8	589399.8	2990216.8	589373.8	2990206.3	589385.9	2990211.2
3493	589393.4	2990160.3	589395.0	2990161.0	589416.5	2990169.6	589391.1	2990159.4	589402.7	2990164.0
3494	589407.9	2990112.2	589415.2	2990115.2	589434.5	2990123.0	589408.5	2990112.5	589419.1	2990116.7
3495	589422.4	2990064.2	589435.4	2990069.4	589452.7	2990076.4	589425.5	2990065.4	589438.4	2990070.6
3496	589440.0	2990017.3	589453.4	2990022.8	589471.5	2990030.1	589444.6	2990019.2	589455.2	2990023.5
3497	589457.6	2989970.6	589471.2	2989976.0	589488.0	2989982.8	589460.9	2989971.8	589470.1	2989975.6
3498	589473.0	2989922.8	589489.3	2989929.4	589503.6	2989935.2	589478.8	2989925.2	589487.0	2989928.5
3499	589488.3	2989875.1	589506.0	2989882.2	589521.6	2989888.5	589496.3	2989878.3	589504.7	2989881.7
3500	589505.8	2989828.2	589526.2	2989836.5	589538.0	2989841.3	589513.0	2989831.1	589522.6	2989835.0
3501	589523.9	2989781.6	589548.2	2989791.4	589547.6	2989791.2	589528.9	2989783.7	589542.7	2989789.2
3502	589540.1	2989734.2	589567.3	2989745.2	589565.4	2989744.5	589546.2	2989736.7	589561.4	2989742.9
3503	589555.9	2989686.7	589584.2	2989698.1	589580.8	2989696.7	589564.0	2989690.0	589582.1	2989697.3
3504	589572.2	2989639.3	589600.7	2989650.8	589596.8	2989649.3	589580.4	2989642.7	589612.1	2989655.5
3505	589588.5	2989592.0	589615.0	2989602.7	589609.7	2989600.6	589597.1	2989595.5	589633.0	2989610.0
3506	589605.4	2989544.9	589628.0	2989554.0	589625.3	2989553.0	589613.5	2989548.2	589648.5	2989562.3
3507	589622.2	2989497.8	589644.4	2989506.8	589642.4	2989505.9	589630.0	2989500.9	589664.0	2989514.6
3508	589639.0	2989450.6	589661.7	2989459.8	589660.9	2989459.5	589645.9	2989453.4	589680.1	2989467.2
3509	589655.8	2989403.5	589673.7	2989410.7	589679.3	2989413.0	589662.3	2989406.1	589696.5	2989419.9
3510	589675.1	2989357.4	589686.4	2989361.9	589691.9	2989364.1	589678.4	2989358.7	589713.4	2989372.8
3511	589695.3	2989311.6	589698.5	2989312.9	589710.8	2989317.8	589693.8	2989311.0	589727.3	2989324.5
3512	589715.3	2989265.8	589711.9	2989264.4	589728.4	2989271.0	589709.7	2989263.5	589741.5	2989276.3
3513	589734.5	2989219.6	589728.2	2989217.1	589746.1	2989224.3	589726.2	2989216.2	589755.4	2989228.0
3514	589754.6	2989173.8	589750.3	2989172.0	589757.0	2989174.7	589741.7	2989168.6	589770.3	2989180.1
3515	589776.0	2989128.5	589767.2	2989124.9	589770.6	2989126.3	589758.4	2989121.4	589785.4	2989132.3
3516	589797.2	2989083.1	589782.5	2989077.2	589782.7	2989077.3	589775.2	2989074.2	589803.4	2989085.6
3517	589816.6	2989037.0	589797.2	2989029.2	589797.7	2989029.4	589791.8	2989027.0	589817.8	2989037.5
3518	589835.9	2988990.9	589809.7	2988980.3	589815.2	2988982.5	589808.8	2988980.0	589832.3	2988989.5
3519	589853.6	2988944.1	589818.6	2988930.0	589832.7	2988935.7	589825.2	2988932.7	589848.5	2988942.1
3520	589870.4	2988897.0	589834.9	2988882.7	589849.5	2988888.6	589839.7	2988884.6	589865.1	2988894.8
3521	589882.3	2988847.9	589845.9	2988833.2	589861.6	2988839.5	589854.5	2988836.7	589880.5	2988847.1
3522	589894.3	2988798.8	589856.7	2988783.6	589875.3	2988791.1	589871.7	2988789.7	589896.7	2988799.8
3523	589906.6	2988749.9	589867.2	2988733.9	589891.0	2988743.5	589886.6	2988741.8	589913.0	2988752.4
3524	589918.6	2988700.8	589877.3	2988684.1	589904.4	2988695.0	589899.4	2988693.0	589927.9	2988704.5
3525	589927.5	2988650.4	589894.3	2988637.0	589913.4	2988644.7	589915.1	2988645.4	589941.4	2988656.1
3526	589937.3	2988600.5	589910.6	2988589.7	589926.9	2988596.2	589931.5	2988598.1	589954.7	2988607.5
3527	589949.5	2988551.5	589922.9	2988540.7	589939.9	2988547.6	589948.1	2988550.9	589968.2	2988559.0
3528	589961.5	2988502.4	589938.1	2988493.0	589952.9	2988498.9	589963.9	2988503.4	589982.0	2988510.7

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3529	-0.5	-0.1	0.1	0.2	0.8	0.8	0.6	0.7	0.6	0.4
3530	-0.4	0.0	0.2	0.2	0.9	0.8	0.6	0.7	0.5	0.4
3531	-0.3	0.2	0.2	0.3	1.2	0.7	0.6	0.3	0.4	0.4
3532	-0.3	0.3	0.2	0.3	1.5	0.7	0.6	-0.1	0.3	0.5
3533	-0.2	0.4	0.2	0.3	1.6	0.6	0.6	-0.3	0.2	0.6
3534	0.0	0.4	0.2	0.3	1.2	0.4	0.5	-0.3	0.2	0.6
3535	0.0	0.3	0.2	0.3	0.9	0.4	0.5	-0.1	0.3	0.6
3536	0.0	0.3	0.2	0.3	1.1	0.4	0.5	-0.2	0.3	0.6
3537	0.0	0.4	0.2	0.3	1.3	0.5	0.5	-0.2	0.2	0.5
3538	0.0	0.4	0.2	0.3	1.2	0.5	0.5	-0.2	0.2	0.5
3539	0.1	0.4	0.2	0.3	1.0	0.3	0.4	-0.2	0.2	0.6
3540	0.3	0.3	0.2	0.3	0.4	0.1	0.3	-0.2	0.3	0.6
3541	0.2	0.3	0.1	0.3	0.5	0.0	0.4	-0.4	0.3	0.8
3542	0.2	0.2	0.1	0.3	0.4	-0.1	0.3	-0.5	0.3	0.8
3543	0.2	0.3	0.0	0.3	0.5	-0.1	0.3	-0.7	0.2	0.8
3544	0.2	0.3	0.0	0.3	0.4	-0.1	0.3	-0.7	0.3	1.0
3545	0.1	0.2	0.0	0.3	0.4	-0.1	0.4	-0.6	0.3	1.0
3546	0.3	0.4	0.1	0.3	0.5	-0.2	0.3	-0.8	0.2	0.9
3547	0.5	0.5	0.1	0.3	0.6	-0.3	0.3	-1.1	0.2	1.0
3548	0.5	0.6	0.1	0.4	0.9	-0.3	0.3	-1.4	0.1	1.1
3549	0.2	0.7	0.1	0.4	1.7	0.0	0.5	-1.5	0.1	1.1
3550	0.0	0.7	0.1	0.4	2.1	0.2	0.6	-1.6	0.0	1.1
3551	0.1	0.6	0.1	0.4	1.6	0.0	0.5	-1.5	0.1	1.2
3552	0.2	0.5	0.1	0.3	1.1	-0.1	0.4	-1.1	0.2	1.0
3553	0.2	0.4	0.1	0.3	1.0	0.0	0.4	-1.0	0.2	0.9
3554	0.1	0.4	0.1	0.3	0.9	0.0	0.4	-0.9	0.2	0.9
3555	0.2	0.4	0.0	0.3	0.9	-0.2	0.4	-1.1	0.2	1.1
3556	0.2	0.3	0.0	0.3	0.7	-0.2	0.3	-0.9	0.2	1.0
3557	0.2	0.2	0.0	0.2	0.3	-0.2	0.2	-0.6	0.2	0.8
3558	0.2	0.2	0.0	0.2	0.2	-0.2	0.2	-0.5	0.2	0.7
3559	0.0	0.2	0.0	0.2	0.5	0.0	0.3	-0.5	0.2	0.6
3560	-0.1	0.2	0.0	0.2	0.8	0.2	0.3	-0.5	0.2	0.6
3561	0.0	0.2	0.1	0.2	0.6	0.1	0.3	-0.4	0.1	0.5
3562	0.0	0.1	0.0	0.2	0.5	0.1	0.3	-0.4	0.2	0.6
3563	0.0	0.1	0.1	0.2	0.3	0.1	0.3	0.0	0.4	0.6
3564	-0.2	0.1	0.1	0.2	0.8	0.4	0.5	0.1	0.4	0.6
3565	-0.3	0.1	0.1	0.2	1.0	0.5	0.6	0.1	0.4	0.6
3566	-0.2	0.1	0.1	0.2	0.8	0.4	0.5	0.0	0.4	0.7
3567	0.0	0.1	0.1	0.2	0.4	0.2	0.4	-0.1	0.4	0.7
3568	0.2	0.1	0.1	0.2	-0.2	0.0	0.3	0.2	0.4	0.6
3569	0.2	0.1	0.1	0.2	-0.2	-0.1	0.2	0.1	0.4	0.6
3570	0.1	0.2	0.1	0.3	0.5	0.2	0.4	-0.1	0.4	0.7
3571	0.0	0.3	0.1	0.3	0.9	0.3	0.5	-0.2	0.3	0.7
3572	0.0	0.3	0.1	0.3	1.0	0.3	0.5	-0.5	0.3	0.9
3573	0.1	0.3	0.1	0.3	0.7	0.1	0.5	-0.4	0.4	1.0
3574	0.1	0.2	0.1	0.4	0.4	0.1	0.5	-0.3	0.5	1.1
3575	0.2	0.2	0.1	0.4	0.4	0.0	0.5	-0.4	0.6	1.3
3576	0.3	0.3	0.1	0.4	0.3	-0.1	0.5	-0.4	0.6	1.3
3577	0.2	0.3	0.1	0.4	0.5	-0.1	0.5	-0.6	0.5	1.3
3578	0.1	0.1	0.0	0.3	0.0	-0.1	0.5	-0.2	0.7	1.2
3579	0.0	-0.1	-0.1	0.3	-0.2	-0.2	0.5	-0.1	0.7	1.3
3580	-0.1	-0.1	-0.1	0.3	-0.1	-0.1	0.5	-0.1	0.7	1.2
3581	-0.2	-0.1	-0.1	0.3	0.2	0.0	0.6	-0.1	0.7	1.2
3582	-0.3	-0.1	-0.1	0.3	0.4	0.1	0.6	-0.2	0.6	1.2
3583	-0.2	-0.1	-0.1	0.2	0.3	0.0	0.5	-0.2	0.6	1.2
3584	-0.1	0.0	-0.1	0.3	0.0	-0.1	0.5	-0.2	0.6	1.2

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3529	589972.7	2988453.0	589952.6	2988444.9	589967.9	2988451.0	589982.7	2988457.0	589995.8	2988462.3
3530	589983.8	2988403.5	589967.1	2988396.8	589984.4	2988403.8	589997.9	2988409.3	590009.8	2988414.1
3531	589994.6	2988354.0	589982.4	2988349.0	590003.7	2988357.7	590010.6	2988360.5	590023.4	2988365.6
3532	590005.7	2988304.5	589994.5	2988300.0	590023.1	2988311.6	590021.6	2988311.0	590037.7	2988317.5
3533	590018.8	2988255.9	590012.4	2988253.3	590041.7	2988265.2	590034.6	2988262.3	590053.6	2988270.0
3534	590031.9	2988207.3	590030.4	2988206.7	590053.2	2988215.9	590046.3	2988213.1	590065.3	2988220.8
3535	590044.3	2988158.4	590043.6	2988158.1	590060.9	2988165.1	590058.8	2988164.2	590077.2	2988171.7
3536	590057.2	2988109.6	590056.0	2988109.2	590076.8	2988117.5	590073.2	2988116.1	590090.2	2988123.0
3537	590071.5	2988061.5	590069.8	2988060.8	590093.0	2988070.2	590088.6	2988068.4	590104.7	2988074.9
3538	590085.8	2988013.3	590085.6	2988013.3	590108.2	2988022.4	590103.5	2988020.5	590118.6	2988026.6
3539	590098.7	2987964.6	590102.0	2987966.0	590119.8	2987973.2	590115.5	2987971.4	590132.1	2987978.1
3540	590111.5	2987915.9	590125.3	2987921.5	590132.2	2987924.2	590128.5	2987922.8	590146.6	2987930.1
3541	590128.2	2987868.7	590137.3	2987872.4	590146.0	2987875.9	590137.4	2987872.4	590161.5	2987882.2
3542	590143.7	2987821.0	590151.5	2987824.2	590158.3	2987826.9	590147.8	2987822.7	590172.8	2987832.8
3543	590156.5	2987772.3	590164.8	2987775.6	590173.2	2987779.0	590159.9	2987773.7	590184.6	2987783.6
3544	590168.4	2987723.1	590175.3	2987725.9	590183.5	2987729.3	590169.6	2987723.6	590198.4	2987735.3
3545	590178.9	2987673.5	590184.7	2987675.8	590192.9	2987679.1	590181.2	2987674.4	590210.3	2987686.2
3546	590188.0	2987623.2	590201.5	2987628.7	590211.4	2987632.7	590194.6	2987625.9	590222.4	2987637.1
3547	590197.1	2987573.0	590216.0	2987580.6	590227.2	2987585.1	590205.3	2987576.3	590234.9	2987588.3
3548	590206.1	2987522.7	590226.9	2987531.1	590242.7	2987537.5	590214.2	2987525.9	590246.2	2987538.9
3549	590216.0	2987472.8	590223.7	2987475.9	590256.0	2987488.9	590225.0	2987476.4	590258.6	2987490.0
3550	590229.1	2987424.1	590230.1	2987424.5	590269.0	2987440.3	590235.9	2987426.9	590269.3	2987440.4
3551	590241.6	2987375.2	590246.3	2987377.2	590275.7	2987389.0	590246.0	2987377.0	590280.7	2987391.0
3552	590252.5	2987325.7	590259.2	2987328.4	590280.0	2987336.8	590256.9	2987327.5	590287.7	2987339.9
3553	590263.5	2987276.3	590270.2	2987278.9	590288.9	2987286.5	590268.7	2987278.4	590296.5	2987289.6
3554	590274.7	2987226.8	590280.1	2987229.0	590297.6	2987236.1	590279.0	2987228.6	590305.4	2987239.2
3555	590285.8	2987177.4	590292.4	2987180.1	590309.6	2987187.0	590286.6	2987177.7	590318.3	2987190.5
3556	590296.7	2987127.9	590304.5	2987131.0	590316.8	2987136.0	590298.1	2987128.4	590326.9	2987140.1
3557	590307.5	2987078.3	590314.5	2987081.2	590320.8	2987083.7	590308.3	2987078.6	590331.0	2987087.8
3558	590317.6	2987028.5	590324.9	2987031.4	590329.1	2987033.1	590318.0	2987028.6	590338.0	2987036.7
3559	590327.7	2986978.6	590328.7	2986979.0	590338.4	2986982.9	590329.1	2986979.2	590346.9	2986986.4
3560	590337.7	2986928.7	590335.1	2986927.7	590350.5	2986933.9	590341.2	2986930.1	590358.2	2986937.0
3561	590347.6	2986878.8	590348.7	2986879.2	590360.1	2986883.8	590352.4	2986880.7	590366.4	2986886.4
3562	590357.5	2986828.9	590356.1	2986828.3	590366.1	2986832.4	590358.6	2986829.3	590376.2	2986836.4
3563	590365.7	2986778.3	590364.5	2986777.8	590369.8	2986779.9	590370.3	2986780.1	590387.7	2986787.2
3564	590373.7	2986727.6	590366.4	2986724.6	590381.3	2986730.6	590382.7	2986731.2	590399.9	2986738.1
3565	590384.6	2986678.0	590373.2	2986673.4	590392.5	2986681.2	590393.6	2986681.7	590411.8	2986689.0
3566	590393.8	2986627.8	590385.0	2986624.3	590399.3	2986630.1	590398.7	2986629.8	590421.0	2986638.8
3567	590400.8	2986576.7	590400.1	2986576.4	590407.5	2986579.4	590406.2	2986578.9	590426.1	2986587.0
3568	590409.8	2986526.4	590417.1	2986529.4	590413.0	2986527.7	590416.4	2986529.1	590434.4	2986536.4
3569	590414.5	2986474.4	590423.1	2986477.9	590419.3	2986476.4	590421.0	2986477.1	590439.3	2986484.4
3570	590417.2	2986421.6	590419.6	2986422.6	590429.1	2986426.4	590427.8	2986425.9	590447.7	2986433.9
3571	590422.5	2986369.8	590420.9	2986369.2	590437.6	2986375.9	590433.3	2986374.2	590454.2	2986382.6
3572	590427.8	2986318.0	590426.7	2986317.6	590446.0	2986325.4	590436.8	2986321.7	590462.4	2986332.0
3573	590431.1	2986265.4	590433.4	2986266.4	590446.1	2986271.5	590438.8	2986268.5	590467.4	2986280.1
3574	590434.6	2986212.9	590439.8	2986215.0	590448.1	2986218.3	590442.8	2986216.2	590474.8	2986229.2
3575	590439.8	2986161.1	590447.2	2986164.1	590453.8	2986166.8	590446.4	2986163.8	590483.8	2986178.9
3576	590445.8	2986109.6	590457.9	2986114.5	590463.2	2986116.6	590454.3	2986113.0	590491.7	2986128.1
3577	590456.4	2986059.9	590464.2	2986063.1	590473.4	2986066.8	590461.1	2986061.8	590498.5	2986076.9
3578	590468.4	2986010.9	590473.1	2986012.8	590472.4	2986012.5	590468.2	2986010.8	590505.4	2986025.8
3579	590482.9	2985962.8	590483.6	2985963.1	590479.3	2985961.3	590476.5	2985960.2	590515.2	2985975.9
3580	590497.0	2985914.6	590492.2	2985912.6	590491.0	2985912.1	590488.6	2985911.2	590525.7	2985926.1
3581	590509.9	2985865.8	590499.7	2985861.7	590503.0	2985863.1	590501.6	2985862.5	590538.5	2985877.4
3582	590522.8	2985817.1	590511.3	2985812.5	590518.4	2985815.4	590514.2	2985813.6	590550.4	2985828.3
3583	590536.0	2985768.5	590527.4	2985765.1	590532.4	2985767.1	590527.6	2985765.1	590562.7	2985779.3
3584	590549.4	2985720.0	590545.6	2985718.5	590546.5	2985718.9	590542.5	2985717.2	590578.4	2985731.7

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3585	-0.1	0.0	-0.1	0.3	0.3	-0.1	0.5	-0.4	0.5	1.2
3586	-0.1	0.1	-0.1	0.3	0.5	-0.1	0.5	-0.6	0.4	1.2
3587	-0.1	0.1	-0.1	0.3	0.6	-0.1	0.5	-0.7	0.4	1.2
3588	0.0	0.2	-0.1	0.3	0.5	-0.1	0.4	-0.8	0.4	1.2
3589	0.1	0.2	-0.1	0.3	0.4	-0.2	0.4	-0.8	0.4	1.2
3590	0.0	0.2	-0.1	0.3	0.5	-0.2	0.4	-0.9	0.4	1.2
3591	-0.2	0.1	-0.1	0.3	1.0	0.0	0.5	-0.9	0.4	1.3
3592	-0.3	0.2	-0.1	0.2	1.2	0.0	0.5	-1.1	0.3	1.2
3593	-0.3	0.2	-0.1	0.2	1.3	0.0	0.5	-1.2	0.2	1.1
3594	-0.3	0.2	-0.2	0.2	1.4	0.0	0.5	-1.3	0.2	1.2
3595	-0.3	0.3	-0.2	0.2	1.4	-0.1	0.4	-1.4	0.1	1.1
3596	-0.4	0.2	-0.2	0.1	1.6	0.1	0.4	-1.4	0.0	0.9
3597	-0.4	0.2	-0.2	0.1	1.7	0.1	0.4	-1.3	-0.1	0.7
3598	-0.4	0.2	-0.2	0.1	1.5	0.1	0.3	-1.3	-0.2	0.6
3599	-0.4	0.2	-0.1	0.0	1.7	0.1	0.3	-1.2	-0.2	0.4
3600	-0.3	0.2	-0.1	0.0	1.2	0.0	0.2	-1.1	-0.2	0.4
3601	-0.2	0.1	-0.1	0.0	1.0	0.0	0.2	-0.8	-0.1	0.3
3602	-0.2	0.2	-0.1	0.0	1.1	0.0	0.1	-0.9	-0.2	0.3
3603	-0.3	0.2	-0.1	0.0	1.3	0.1	0.1	-0.9	-0.3	0.1
3604	-0.3	0.2	-0.1	0.0	1.5	0.2	0.2	-0.9	-0.3	0.1
3605	-0.3	0.2	-0.1	-0.1	1.4	0.1	0.1	-1.0	-0.4	0.0
3606	-0.3	0.3	0.0	0.0	1.4	0.2	0.1	-0.9	-0.4	0.0
3607	-0.2	0.2	-0.1	0.0	1.2	0.1	0.1	-0.9	-0.3	0.2
3608	-0.2	0.3	0.0	0.0	1.3	0.1	0.1	-0.9	-0.3	0.2
3609	0.0	0.4	0.0	0.1	1.2	0.0	0.1	-1.1	-0.3	0.2
3610	0.2	0.4	0.1	0.1	0.9	-0.1	0.0	-1.0	-0.3	0.1
3611	0.2	0.4	0.1	0.1	1.1	0.1	0.1	-0.9	-0.3	0.1
3612	0.1	0.4	0.0	0.1	1.3	0.0	0.1	-1.1	-0.4	0.2
3613	0.0	0.4	0.0	0.1	1.4	0.0	0.1	-1.2	-0.4	0.2
3614	0.0	0.3	0.0	0.0	1.2	0.1	0.1	-0.8	-0.3	0.1
3615	-0.1	0.3	0.0	0.0	1.0	0.1	0.0	-0.8	-0.3	0.0
3616	-0.1	0.2	0.0	0.0	0.9	0.1	0.0	-0.7	-0.3	-0.1
3617	-0.1	0.2	0.0	0.0	0.9	0.1	0.0	-0.7	-0.3	-0.1
3618	-0.2	0.2	-0.1	-0.1	1.1	0.1	0.0	-0.8	-0.4	-0.1
3619	-0.1	0.3	0.0	0.0	1.0	0.1	0.0	-0.8	-0.4	-0.1
3620	0.0	0.4	0.0	0.0	1.1	0.0	0.0	-1.0	-0.5	-0.1
3621	0.0	0.5	0.1	0.0	1.5	0.2	0.0	-1.1	-0.6	-0.3
3622	0.2	0.3	0.1	-0.1	0.5	0.0	-0.2	-0.5	-0.5	-0.4
3623	-0.1	0.0	0.0	-0.1	0.1	0.2	-0.1	0.3	-0.2	-0.5
3624	-0.5	-0.2	0.0	-0.2	0.4	0.4	0.0	0.5	-0.2	-0.6
3625	-0.5	-0.3	-0.2	-0.2	0.3	0.3	0.0	0.2	-0.2	-0.4
3626	-0.5	-0.2	-0.2	-0.2	0.4	0.1	-0.1	-0.2	-0.3	-0.3
3627	-0.5	-0.2	-0.3	-0.2	0.5	0.0	-0.1	-0.4	-0.3	-0.2
3628	-0.6	-0.2	-0.2	-0.2	0.7	0.1	0.0	-0.4	-0.3	-0.2
3629	-0.6	-0.2	-0.2	-0.2	0.8	0.2	0.0	-0.4	-0.3	-0.2
3630	-0.6	-0.1	-0.2	-0.2	0.8	0.2	0.0	-0.3	-0.3	-0.3
3631	-0.5	-0.1	-0.2	-0.2	0.6	0.2	-0.1	-0.3	-0.4	-0.4
3632	-0.5	-0.2	-0.2	-0.2	0.7	0.2	-0.1	-0.3	-0.3	-0.3
3633	-0.5	-0.2	-0.2	-0.2	0.6	0.2	-0.1	-0.3	-0.3	-0.4
3634	-0.5	-0.1	-0.1	-0.2	0.7	0.3	-0.1	-0.1	-0.3	-0.4
3635	-0.2	-0.1	-0.1	-0.2	0.1	0.1	-0.2	0.1	-0.3	-0.5
3636	-0.2	-0.1	0.0	-0.1	0.2	0.1	-0.1	0.1	-0.2	-0.5
3637	-0.2	0.0	0.0	-0.1	0.4	0.2	-0.1	0.0	-0.3	-0.5
3638	-0.2	0.0	0.0	-0.2	0.5	0.3	-0.1	0.0	-0.4	-0.6
3639	-0.1	0.0	0.0	-0.2	0.2	0.2	-0.2	0.1	-0.4	-0.8
3640	-0.1	0.0	0.1	-0.2	0.3	0.3	-0.2	0.2	-0.4	-0.9

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3585	590564.7	2985672.3	590561.8	2985671.1	590567.0	2985673.2	590558.3	2985669.7	590593.5	2985683.9
3586	590580.4	2985624.7	590576.4	2985623.1	590586.5	2985627.1	590573.8	2985622.0	590608.6	2985636.1
3587	590596.5	2985577.3	590591.9	2985575.4	590603.1	2985580.0	590589.4	2985574.4	590624.2	2985588.4
3588	590610.1	2985528.9	590610.2	2985528.9	590620.1	2985532.9	590604.7	2985526.6	590639.9	2985540.9
3589	590625.8	2985481.2	590630.4	2985483.1	590637.1	2985485.8	590620.8	2985479.2	590657.3	2985494.0
3590	590643.3	2985434.4	590645.1	2985435.1	590653.7	2985438.6	590636.2	2985431.5	590672.9	2985446.4
3591	590660.7	2985387.5	590651.8	2985383.9	590669.4	2985391.0	590651.2	2985383.7	590688.6	2985398.8
3592	590677.9	2985340.5	590666.0	2985335.7	590688.4	2985344.8	590666.3	2985335.8	590703.0	2985350.6
3593	590694.1	2985293.2	590682.8	2985288.6	590706.8	2985298.3	590682.9	2985288.6	590717.2	2985302.5
3594	590708.9	2985245.2	590697.5	2985240.6	590722.8	2985250.8	590696.6	2985240.2	590731.2	2985254.2
3595	590725.7	2985198.1	590714.5	2985193.5	590741.1	2985204.3	590711.8	2985192.4	590744.4	2985205.6
3596	590743.8	2985151.5	590727.8	2985145.0	590758.2	2985157.3	590729.8	2985145.8	590758.1	2985157.2
3597	590762.6	2985105.1	590745.3	2985098.1	590776.1	2985110.6	590749.4	2985099.8	590771.5	2985108.7
3598	590781.5	2985058.8	590766.4	2985052.7	590794.8	2985064.2	590769.3	2985053.9	590787.1	2985061.1
3599	590800.8	2985012.7	590784.6	2985006.2	590815.6	2985018.7	590790.4	2985008.5	590803.4	2985013.7
3600	590820.0	2984966.5	590807.6	2984961.5	590830.5	2984970.8	590808.8	2984962.0	590821.6	2984967.1
3601	590838.8	2984920.2	590829.8	2984916.6	590847.7	2984923.8	590831.0	2984917.0	590840.3	2984920.8
3602	590859.1	2984874.5	590849.9	2984870.7	590869.4	2984878.6	590850.8	2984871.1	590859.3	2984874.6
3603	590879.7	2984828.9	590867.7	2984824.0	590891.4	2984833.6	590873.4	2984826.3	590877.8	2984828.1
3604	590898.5	2984782.5	590884.0	2984776.7	590910.9	2984787.6	590891.9	2984779.9	590894.7	2984781.0
3605	590916.3	2984735.8	590904.7	2984731.1	590930.4	2984741.5	590909.9	2984733.2	590910.3	2984733.4
3606	590933.0	2984688.6	590921.9	2984684.1	590948.4	2984694.8	590930.1	2984687.4	590930.6	2984687.6
3607	590950.5	2984641.8	590941.8	2984638.2	590964.3	2984647.3	590945.4	2984639.7	590950.4	2984641.7
3608	590967.3	2984594.6	590960.2	2984591.8	590983.6	2984601.2	590964.6	2984593.5	590969.1	2984595.4
3609	590981.1	2984546.3	590982.5	2984546.8	591005.4	2984556.1	590983.5	2984547.2	590988.2	2984549.1
3610	590994.9	2984497.9	591003.3	2984501.3	591020.8	2984508.4	591001.1	2984500.4	591005.5	2984502.2
3611	591011.4	2984450.7	591017.7	2984453.2	591038.0	2984461.4	591020.3	2984454.3	591022.5	2984455.2
3612	591031.0	2984404.7	591034.3	2984406.0	591057.7	2984415.4	591034.7	2984406.2	591039.9	2984408.3
3613	591050.5	2984358.6	591050.9	2984358.8	591076.6	2984369.1	591051.8	2984359.1	591057.6	2984361.5
3614	591069.7	2984312.4	591068.4	2984311.9	591089.8	2984320.5	591073.1	2984313.8	591074.7	2984314.5
3615	591088.4	2984266.1	591086.1	2984265.1	591104.3	2984272.5	591088.3	2984266.0	591087.2	2984265.6
3616	591106.8	2984219.6	591102.5	2984217.8	591119.6	2984224.7	591105.1	2984218.9	591102.8	2984218.0
3617	591123.4	2984172.4	591118.4	2984170.3	591134.8	2984177.0	591121.6	2984171.6	591118.8	2984170.5
3618	591140.0	2984125.1	591130.9	2984121.4	591151.5	2984129.8	591135.9	2984123.5	591132.8	2984122.2
3619	591152.1	2984076.1	591149.1	2984074.9	591168.4	2984082.7	591151.6	2984075.9	591147.3	2984074.2
3620	591164.2	2984027.1	591165.2	2984027.5	591186.5	2984036.0	591165.9	2984027.7	591162.6	2984026.4
3621	591177.4	2983978.5	591176.6	2983978.1	591204.8	2983989.5	591183.2	2983980.8	591175.1	2983977.5
3622	591190.5	2983929.8	591197.6	2983932.7	591206.0	2983936.1	591196.7	2983932.3	591183.4	2983927.0
3623	591203.4	2983881.1	591199.6	2983879.6	591201.5	2983880.4	591207.0	2983882.6	591191.4	2983876.2
3624	591215.0	2983831.9	591194.8	2983823.7	591202.4	2983826.8	591212.1	2983830.7	591194.4	2983823.6
3625	591224.7	2983781.9	591202.3	2983772.8	591208.5	2983775.3	591212.4	2983776.9	591199.2	2983771.6
3626	591233.7	2983731.6	591211.8	2983722.7	591219.2	2983725.7	591215.4	2983724.2	591206.7	2983720.7
3627	591245.9	2983682.6	591223.3	2983673.4	591232.3	2983677.1	591224.2	2983673.8	591218.8	2983671.6
3628	591257.6	2983633.4	591232.6	2983623.3	591245.6	2983628.5	591237.6	2983625.3	591232.2	2983623.1
3629	591266.8	2983583.2	591242.8	2983573.5	591257.3	2983579.3	591249.5	2983576.2	591242.2	2983573.2
3630	591277.5	2983533.6	591253.9	2983524.0	591268.8	2983530.0	591262.4	2983527.5	591252.8	2983523.6
3631	591288.3	2983484.0	591267.6	2983475.7	591279.7	2983480.5	591274.1	2983478.2	591261.7	2983473.3
3632	591300.7	2983435.1	591279.3	2983426.4	591291.5	2983431.4	591285.8	2983429.1	591275.8	2983425.0
3633	591313.8	2983386.4	591292.3	2983377.8	591304.3	2983382.6	591298.4	2983380.2	591287.4	2983375.8
3634	591325.3	2983337.1	591304.5	2983328.8	591316.7	2983333.7	591314.2	2983332.7	591300.9	2983327.3
3635	591336.2	2983287.6	591327.0	2983283.9	591328.2	2983284.4	591329.7	2983285.0	591315.3	2983279.2
3636	591346.8	2983238.0	591339.7	2983235.1	591342.5	2983236.3	591344.7	2983237.2	591330.8	2983231.5
3637	591358.0	2983188.6	591350.4	2983185.5	591357.6	2983188.4	591357.3	2983188.3	591342.4	2983182.3
3638	591372.0	2983140.3	591362.2	2983136.4	591371.8	2983140.2	591372.4	2983140.5	591353.9	2983133.0
3639	591385.8	2983092.0	591382.7	2983090.7	591386.6	2983092.3	591389.4	2983093.4	591365.6	2983083.8
3640	591398.9	2983043.3	591394.3	2983041.5	591400.0	2983043.8	591404.0	2983045.4	591377.8	2983034.8

High-Water Shoreline Position Change Rate (m/yr)

	1877/83 to				1928 to			1948 to		1970 to
Transect#	1928	1948	1970	1996/2002	1948	1970	1996/2002	1970	1996/2002	1996/2002
3641	-0.2	-0.1	0.0	-0.2	0.2	0.2	-0.2	0.2	-0.4	-0.8
3642	-0.4	-0.1	0.0	-0.3	0.5	0.3	-0.2	0.2	-0.4	-0.9
3643	-0.3	-0.1	0.0	-0.3	0.5	0.3	-0.3	0.2	-0.5	-1.0
3644	-0.4	-0.1	-0.1	-0.3	0.4	0.3	-0.3	0.1	-0.5	-0.9
3645	-0.4	-0.1	-0.1	-0.3	0.5	0.2	-0.2	0.0	-0.5	-0.9
3646	-0.3	0.0	-0.1		0.7	0.2		-0.2		
3647	-0.3	0.1	-0.1		1.0	0.2		-0.5		
3648	-0.2	0.2	0.0		1.0	0.1		-0.7		
3649	0.0	0.3	0.0		1.0	0.0		-0.9		
3650	0.2	0.3	0.0		0.6	-0.3		-1.0		
3651	-0.2	0.3	0.0		1.4	0.3		-0.8		
3652	-0.1	0.2	0.0		0.7	0.2		-0.4		
3653	-0.2	0.0	0.0		0.5	0.2		0.0		
3654	-0.4	0.0	0.0		0.7	0.4		0.1		
3655	-0.4	0.0	0.0		0.8	0.4		0.1		
3656	-0.4	-0.1	0.0		0.7	0.4		0.0		
3657	-0.4	-0.1	-0.1		0.7	0.3		-0.1		
3658	-0.5	-0.1	-0.1		0.8	0.4		0.0		
3659	-0.6	-0.1	-0.1		0.9	0.5		0.1		
3660	-0.5	-0.1	0.0		0.6	0.4		0.3		
3661	-0.4	-0.1	0.0		0.5	0.4		0.3		
3662	-0.4	-0.1	-0.1		0.4	0.2		0.1		
3663	-0.3	-0.1	0.0		0.3	0.3		0.3		
3664	-0.2	0.0	0.1		0.4	0.4		0.3		
3665	-0.1	0.1	0.1		0.4	0.4		0.4		
3666	0.0	0.2	0.2		0.5	0.3		0.2		
3667	0.1	0.2	0.2		0.4	0.3		0.3		
3668	0.2	0.2	0.2		0.4	0.2		0.2		
3669	0.1	0.3	0.2		0.6	0.2		-0.1		
3670	0.0	0.2	0.2		0.7	0.4		0.1		
3671	0.0	0.2	0.2		0.6	0.4		0.2		
3672	0.1	0.2	0.2		0.6	0.2		-0.1		
3673	0.1	0.2	0.2		0.5	0.3		0.1		
3674	0.1	0.2	0.3		0.6	0.5		0.4		
3675	0.0	0.4	0.3		1.1	0.6		0.2		
3676	-0.1	0.5	0.3		1.7	0.8		0.0		
3677	-0.1	0.5	0.3		2.0	0.8		-0.3		
3678	0.0	0.7	0.4		2.1	0.9		-0.3		
3679	-0.1	0.7	0.5		2.4	1.0		-0.2		
3680	-0.2	0.7	0.4		2.7	1.0		-0.5		
3681	-0.1	0.8	0.5		2.9	1.1		-0.5		
3682	-0.1	0.9	0.6		3.1	1.2		-0.4		
3683	-0.2	0.9	0.5		3.3	1.3		-0.5		
3684	-0.2	0.8	0.5		3.2	1.2		-0.5		
3685	-0.2	0.9	0.6		3.1	1.3		-0.3		
3686	-0.2	0.8	0.6		3.1	1.4		-0.1		
3687	-0.2	0.8	0.5		2.8	1.3		-0.1		
3688	-0.2	0.8	0.5		2.8	1.2		-0.2		
3689	-0.1	0.8	0.5		2.9	1.1		-0.5		

High-Water Shoreline Position (UTM Zone 17, NAD 1983)

	1877/83		1928		1948		1970		1996/2002	
Transect#	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)	UTM-x (m)	UTM-y (m)
3641	591412.7	2982995.0	591404.2	2982991.6	591408.7	2982993.4	591413.3	2982995.2	591388.2	2982985.1
3642	591429.4	2982947.8	591414.3	2982941.7	591423.1	2982945.2	591427.3	2982947.0	591401.5	2982936.5
3643	591446.2	2982900.7	591433.0	2982895.3	591441.3	2982898.7	591445.0	2982900.2	591413.8	2982887.6
3644	591463.2	2982853.6	591448.4	2982847.6	591456.5	2982850.9	591458.1	2982851.6	591429.9	2982840.2
3645	591480.0	2982806.5	591464.1	2982800.0	591473.1	2982803.7	591473.6	2982803.9	591447.0	2982793.1
3646	591496.6	2982759.3	591482.1	2982753.4	591494.1	2982758.3	591489.7	2982756.5		
3647	591512.0	2982711.6	591498.3	2982706.0	591516.6	2982713.4	591506.7	2982709.4		
3648	591527.4	2982663.8	591521.1	2982661.3	591540.1	2982669.0	591525.2	2982663.0		
3649	591542.3	2982615.9	591544.1	2982616.7	591561.9	2982623.9	591542.8	2982616.1		
3650	591556.1	2982567.6	591565.3	2982571.3	591576.3	2982575.8	591555.5	2982567.3		
3651	591566.6	2982517.9	591558.6	2982514.7	591584.9	2982525.3	591568.4	2982518.6		
3652	591578.6	2982468.8	591574.1	2982467.0	591587.7	2982472.5	591580.0	2982469.4		
3653	591590.9	2982419.9	591583.8	2982417.0	591592.9	2982420.7	591592.6	2982420.5		
3654	591604.6	2982371.5	591590.0	2982365.6	591602.7	2982370.7	591605.4	2982371.8		
3655	591618.6	2982323.2	591601.4	2982316.3	591615.8	2982322.1	591617.8	2982322.9		
3656	591633.1	2982275.1	591615.3	2982267.9	591629.1	2982273.5	591629.4	2982273.7		
3657	591647.5	2982227.0	591629.5	2982219.7	591642.4	2982225.0	591640.8	2982224.3		
3658	591661.2	2982178.6	591641.1	2982170.5	591655.6	2982176.4	591655.3	2982176.2		
3659	591675.2	2982130.4	591651.3	2982120.7	591667.7	2982127.3	591670.0	2982128.3		
3660	591689.7	2982082.3	591670.0	2982074.3	591681.3	2982078.9	591687.1	2982081.2		
3661	591704.9	2982034.5	591687.8	2982027.6	591696.6	2982031.2	591703.0	2982033.8		
3662	591720.5	2981986.9	591705.0	2981980.6	591712.1	2981983.5	591714.3	2981984.4		
3663	591733.2	2981938.1	591720.5	2981933.0	591726.9	2981935.6	591732.1	2981937.7		
3664	591746.0	2981889.3	591736.9	2981885.7	591743.6	2981888.4	591750.7	2981891.2		
3665	591758.1	2981840.3	591754.1	2981838.7	591761.1	2981841.5	591769.5	2981844.9		
3666	591769.0	2981790.8	591770.2	2981791.3	591780.2	2981795.3	591783.6	2981796.7		
3667	591781.4	2981741.9	591787.1	2981744.2	591795.0	2981747.4	591800.2	2981749.4		
3668	591795.5	2981693.6	591803.6	2981696.9	591810.3	2981699.6	591813.3	2981700.8		
3669	591812.0	2981646.4	591818.2	2981648.9	591828.9	2981653.2	591826.1	2981652.1		
3670	591830.8	2981600.0	591830.2	2981599.8	591842.8	2981604.9	591844.2	2981605.4		
3671	591847.2	2981552.7	591847.2	2981552.7	591858.1	2981557.1	591861.8	2981558.6		
3672	591863.6	2981505.4	591867.6	2981507.1	591878.3	2981511.4	591877.3	2981511.0		
3673	591879.1	2981457.8	591884.8	2981460.1	591893.9	2981463.7	591895.9	2981464.6		
3674	591894.2	2981410.0	591897.2	2981411.2	591908.8	2981415.8	591917.0	2981419.2		
3675	591910.6	2981362.6	591911.9	2981363.2	591932.9	2981371.6	591937.1	2981373.3		
3676	591927.9	2981315.7	591925.4	2981314.7	591956.1	2981327.1	591955.4	2981326.8		
3677	591943.1	2981267.9	591939.3	2981266.4	591976.2	2981281.3	591970.7	2981279.1		
3678	591956.5	2981219.4	591957.0	2981219.6	591995.9	2981235.3	591990.4	2981233.1		
3679	591973.1	2981172.2	591970.6	2981171.2	592014.2	2981188.8	592010.2	2981187.2		
3680	591990.3	2981125.2	591984.1	2981122.7	592034.4	2981143.0	592023.6	2981138.7		
3681	592005.5	2981077.4	592000.0	2981075.2	592054.0	2981097.0	592043.4	2981092.7		
3682	592020.5	2981029.6	592016.6	2981028.0	592073.1	2981050.8	592065.0	2981047.5		
3683	592041.6	2980984.1	592033.5	2980980.9	592093.9	2981005.3	592084.3	2981001.4		
3684	592061.5	2980938.3	592052.9	2980934.8	592112.0	2980958.7	592101.0	2980954.3		
3685	592076.3	2980890.3	592070.0	2980887.8	592127.6	2980911.0	592121.0	2980908.4		
3686	592095.2	2980844.0	592086.7	2980840.6	592143.6	2980863.6	592142.1	2980863.0		
3687	592114.6	2980797.9	592108.1	2980795.3	592160.8	2980816.6	592158.6	2980815.7		
3688	592133.2	2980751.5	592126.9	2980749.0	592178.5	2980769.8	592175.1	2980768.5		
3689	592151.8	2980705.1	592145.6	2980702.6	592199.7	2980724.5	592189.5	2980720.4		