

Appendix 3.0.2-B

Shoreline Change Rates (Linear Regression

Appendix 3-B. Long-Term Rates (ft/yr) for Saco Bay, Maine**Long-Term Rates (regression method)**

Transect	1864-1998		
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16	-0.0328083		
17	-0.1968498		
18	-0.4265079		
19	-0.5249328		
20	-0.5249328		
21	-0.5905494		
22	-0.6889743		
23	-0.656166		
24	-0.5577411		
25	-0.4593162		
26	-0.328083		
27	-0.2952747		
28	-0.1312332		
29	0.1312332		
30	0.328083		
31	0.5905494		
32	0.7873992		
33	1.0826739		
34	1.4435652		
35	1.8372648		
36	2.5590474		
37	3.4120632		
38	4.2978873		
39			
40			
41	-3.4120632		
42	-3.0183636		
43	-2.6574723		
44	-2.296581		
45	-2.0669229		
46	-1.7388399		
47	-1.4435652		
48	-1.2139071		

Appendix 3-B. Long-Term Rates (ft/yr) for Saco Bay, Maine**Long-Term Rates (regression method)**

Transect	1864-1998		
49	-1.0826739		
50	-0.8858241		
51	-0.6233577		
52	-0.3608913		
53	-0.1640415		
54	-0.0328083		
55	0.1968498		
56	0.3936996		
57	0.5577411		
58	0.7217826		
59	0.8858241		
60	0.9186324		
61	1.0170573		
62	1.0170573		
63	1.1154822		
64	1.0498656		
65	1.0170573		
66	0.9514407		
67	0.984249		
68	0.9514407		
69	0.9186324		
70	0.7217826		
71	0.5905494		
72	0.4921245		
73	0.3936996		
74	0.2952747		
75	0.1312332		
76	-0.0328083		
77	0		
78	-0.0328083		
79	-0.0656166		
80	-0.0656166		
81	-0.0328083		
82	0		
83	0.0656166		
84	0.1312332		
85	0.1312332		
86	0.1312332		
87	0.1640415		
88	0.1968498		
89	0.2624664		
90	0.3608913		
91	0.4921245		
92	0.4593162		
93	0.4593162		
94	0.5249328		
95	0.5905494		
96	0.7545909		

Appendix 3-B. Long-Term Rates (ft/yr) for Saco Bay, Maine**Long-Term Rates (regression method)**

Transect	1864-1998		
97	0.8530158		
98	0.9514407		
99	0.9186324		
100	0.8858241		
101	0.9186324		
102	0.9186324		
103	0.8858241		
104	0.9514407		
105	0.984249		
106	1.0826739		
107	1.1154822		
108	1.2467154		
109	1.4107569		
110	1.8700731		
111	2.1981561		
112	2.3950059		
113	3.2480217		
114	3.5761047		
115	2.9199387		
116	2.6902806		
117	2.624664		
118	2.5590474		
119	2.4606225		
120	2.296581		
121	2.0997312		
122	1.8372648		
123	1.7060316		
124	1.640415		
125	1.5747984		
126	1.5091818		
127	1.4435652		
128	1.4107569		
129	1.3779486		
130	1.3451403		
131	1.3451403		
132	1.312332		
133	1.312332		
134	1.2795237		
135	1.2795237		
136	1.312332		
137	1.3451403		
138	1.3451403		
139	1.3451403		
140	1.312332		
141	1.312332		
142	1.3451403		
143	1.3451403		
144	1.2139071		

Appendix 3-B. Long-Term Rates (ft/yr) for Saco Bay, Maine**Long-Term Rates (regression method)**

Transect	1864-1998		
145	1.2139071		
146	1.2467154		
147	1.2467154		
148	1.2795237		
149	1.2795237		
150	1.2795237		
151	1.2467154		
152	1.2467154		
153	1.2139071		
154	1.2139071		
155	1.1810988		
156	1.1154822		
157	1.0498656		
158	1.0170573		
159	0.984249		
160	0.9186324		
161	0.9186324		
162	0.9514407		
163	0.984249		
164	1.0170573		
165	1.0498656		
166	1.0498656		
167	1.0498656		
168	1.0498656		
169	0.984249		
170	0.9514407		
171	0.8858241		
172	0.8202075		
173	0.7545909		
174	0.7873992		
175	0.8202075		
176	0.8858241		
177	0.9186324		
178	0.9514407		
179	1.0826739		
180	1.2467154		
181	1.3779486		
182	1.5419901		
183	1.7060316		
184	1.968498		
185	2.0997312		
186	2.1653478		
187	2.2309644		
188	2.2637727		
189	2.2309644		
190	2.0669229		
191	2.0013063		
192	1.9356897		

Appendix 3-B. Long-Term Rates (ft/yr) for Saco Bay, Maine**Long-Term Rates (regression method)**

Transect	1864-1998		
193	1.8700731		
194	1.7716482		
195	1.7716482		
196	1.5091818		
197	1.2795237		
198	1.0498656		
199	0.9514407		
200	0.8530158		
201	0.7217826		
202	0.656166		
203	0.5249328		
204	0.4593162		
205	0.4265079		
206	0.4593162		
207	0.5249328		
208	0.4921245		
209	0.5249328		
210	0.5905494		
211	0.6233577		
212	0.656166		
213	0.5905494		
214	0.656166		
215	0.6233577		
216	0.656166		
217	0.7545909		
218	0.8530158		
219	1.0170573		
220	1.2139071		
221	1.4435652		
222	1.6076067		
223	1.8044565		
224	1.8372648		
225	1.8372648		
226	1.968498		
227	2.2309644		
228	2.4278142		
229	2.4934308		
230	2.3950059		
231	2.3621976		
232	2.3293893		
233	2.1653478		
234	2.2309644		
235	2.3293893		
236	2.4606225		
237	2.5918557		
238	2.5262391		
239	2.5262391		
240	2.624664		

Appendix 3-B. Long-Term Rates (ft/yr) for Saco Bay, Maine**Long-Term Rates (regression method)**

Transect	1864-1998		
241	2.8871304		
242	3.1824051		
243	3.4448715		
244	3.8057628		
245	3.9698043		
246	3.936996		
247	3.9041877		
248	3.8385711		
249	3.5432964		
250	3.4120632		
251	3.5761047		
252	3.936996		
253			
254			
255			
256			
257			
258	0.7545909		
259	0.3936996		
260	0.0656166		
261	-0.0984249		
262	-0.1312332		
263	-0.1312332		
264	-0.0984249		
265	-0.0328083		
266	0.1640415		
267			
268			
269			
270			
271			
272			
273			
274			
275			
276			