

Appendix 3.0.1-B

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Shoreline Change Rates (End-Point Method

Appendix 3-B. Shoreline Change Rates (ft/yr) for Saco Bay, Maine

Transect	Incremental Rates (end point method)														
	1864--1944	1864--1977	1864--1986	1864--1995	1864--1998	1944--1977	1944--1986	1944--1995	1944--1998	1977--1986	1977--1995	1977--1998	1986--1995	1986--1998	1995--1998
1	-1.6078067														
2	-1.2139071														
3	-0.3936996														
4	0.1312332														
5	0.1312332														
6	-0.6889743														
7	-0.7217826														
8	-1.1154822														
9	1.312332														
10	-1.1482905			0.2296581				2.4278142							
11	-1.0498656			0.2624664				2.3621976							
12	-0.160415			0.656166				1.9356897							
13	0.8858241			1.0170573				1.2139071							
14	1.8372648			1.1154822				0.0328083							
15	2.5262391			0.3608913				-3.0511719							
16	2.9199387	-0.1640415		0.2952747	0.2296581	-7.6443339		-3.7729545	-3.7401462		3.2152134	2.3293893			-3.1167885
17	1.5419901	-0.5577411		0.0656166	0.0328083	-5.6758359		-2.1981561	-2.1981561		4.1010375	3.2152134			-2.3950059
18	0.6233577	-0.6889743		-0.2624664	-0.2624664	-3.9041877		-1.6078067	-1.6078067		2.5262391	2.0013063			-1.2139071
19	-0.2624664	-0.8202075		-0.4593162	-0.4265079	-2.2309644		-0.7545909	-0.6889743		1.9356897	1.7388399			0.4265079
20	-0.7873992	-0.9514407		-0.5249328	-0.4265079	-1.2795237		-0.0656166	0.0984249		2.1653478	2.2637727			3.0511719
21	-1.1154822	-1.1482905		-0.5577411	-0.4921245	-1.2795237		0.3608913	0.4265079		3.28083	3.0511719			1.4763735
22	-1.312332	-1.0826739		-0.6889743	-0.6233577	-0.5905494		0.328083	0.3608913		1.968498	1.8372648			1.1810988
23	-1.5747984	-1.1154822		-0.6889743	-0.5577411	0		0.7545909	0.9514407		2.0997312	2.4606225			4.6587786
24	-1.4763735	-1.0498656		-0.5905494	-0.4921245	-0.0984249		0.7873992	0.9186324		2.3950059	2.5262391			3.3464466
25	-1.312332	-0.8202075		-0.5249328	-0.3936996	0.328083		0.7217826	0.9514407		1.4763735	1.9356897			4.8884367
26	-1.2467154	-0.7545909		-0.3936996	-0.2296581	0.4593162		0.9186324	1.2795237		1.7060316	2.5262391			7.4802924
27	-1.0826739	-0.656166		-0.4265079	-0.1640415	0.3608913		0.5905494	1.1810988		1.0498656	2.4606225			11.2532649
28	-0.8202075	-0.6233577		-0.0984249	-0.0656166	-0.0984249		1.0826739	1.0498656		3.1824051	2.8543221			0.8530158
29	-0.656166	-0.656166		0.1968498	0.2952747	-0.656166		1.5419901	1.7060316		5.5117944	5.4133695			4.9001118
30	-0.656166	-0.5249328		0.3936996	0.4921245	-0.1640415		2.0341146	2.2309644		6.0039189	5.9711106			5.8398774
31	-0.5577411	-0.2624664		0.656166	0.6889743	0.4265079		2.5904704	2.5262391		6.4632351	5.8398774			1.9028814
32	-0.1968498	0.656166		0.8530158	0.9186324	0.7217826		2.4934308	2.5904704		6.56758359	5.4133695			3.7729545
33	-0.0984249	0.5577411		1.0170573	1.1482905	2.0669229		2.7887055	2.9855553		4.0354209	4.4291205			6.7855098
34	0.0656166	1.0498656		1.4107569	1.4107569	3.5104881		3.5104881	3.3792549		3.5432964	3.2152134			1.2467154
35	0.4921245	1.5747984		1.8372648	1.7388399	4.1994624		3.936996	3.608913		3.4448715	2.6574723			-2.296581
36	1.4435652	2.2309644		2.624664	2.4934308	4.1994624		4.4619288	4.0354209		4.921245	3.7729545			-3.4120632
37	2.4278142	3.1495968		3.4448715	3.3136383	4.8556284		5.0524782	4.593162		5.4461778	4.1666541			-3.6417213
38	3.2480217	4.1666541		4.3306956	4.1994624	6.3648102		6.0039189	5.577411		5.3477529	4.3963122			-1.7060316
39	3.6745296														
40		-4.265079													
41	-4.921245	-4.0682292	-4.0354209	-3.3136383	-3.3136383	-2.0013063	-2.3621976	-0.7873992	-0.9186324	-3.6417213	1.4435652	0.8202075	6.3976185	4.1338458	-3.0511719
42	-4.3963122	-3.6417213	-3.6417213	-2.8871304	-2.9199387	-1.8372648	-2.1653478	-0.5249328	-0.7217826	-3.3136383	1.8700731	1.0498656	6.9225513	4.285079	-4.1010375
43	-3.8385711	-3.0511719	-3.1495968	-2.6902806	-2.5262391	-1.0826739	-1.7716482	-0.8530158	-0.5577411	-4.2327070	-0.3608913	0.328083	3.4120632	3.6745296	4.5603357
44	-3.3792549	-2.624664	-2.7558972	-2.3293893	-2.1981561	-0.7873992	-1.5747984	-0.656166	-0.4921245	-4.4947371	-0.4593162	-0.0328083	3.4776798	3.28083	2.6574723
45	-2.8215138	-2.3621976	-2.5262391	-2.0997312	-1.8700731	-1.2795237	-1.968498	-0.984249	-0.5249328	-4.4291205	-0.3936996	0.7217826	3.608913	4.5603357	7.5787173
46	-2.4806225	-2.637727	-2.1981561	-1.5747984	-1.8076067	-1.8044565	-1.6732233	-0.1968498	-0.328083	-1.1154822	2.7230889	2.0013063	6.4632351	4.2978873	-2.5918557
47	-2.0013063	-1.9028814	-1.9356897	-1.2139071	-1.312332	-1.6732233	-1.7716482	0	-0.2624664	-2.0669229	3.0511719	1.968498	8.0380335	4.9540533	-4.7900118
48	-1.6732233	-1.640415	-1.6732233	-1.0826739	-1.0170573	-1.5747984	-1.6076067	-0.1312332	0	-1.7716482	2.4934308	2.3950059	6.629832	5.5117944	1.8044565
49	-1.4435652	-1.5419901	-1.4107569	-0.9514407	-0.8858241	-1.7716482	-1.3779486	-0.1968498	-0.0328083	0.1312332	2.6902806	2.6574723	5.2165197	4.5603357	2.5590474
50	-1.1482905	-1.2467154	-1.1154822	-0.7873992	-0.7545909	-1.4763735	-1.0170573	-0.1968498	-0.1312332	0.7545909	2.0997312	1.968498	3.4448715	2.8871304	1.1482905
51	-0.8858241	-1.0170573	-0.8858241	-0.5577411	-0.4921245	-1.312332	-0.8858241	-0.0328083	0.0656166	0.656166	3.2393893	2.2309644	4.0026126	3.4120632	1.5747984
52	-0.5249328	-0.7545909	-0.6233577	-0.2952747	-0.1968498	-1.2467154	-0.7873992	0.0984249	0.328083	0.9514407	2.5262391	2.7558972	4.0682292	4.1010375	4.1994624
53	-0.1640415	-0.4921245	-0.3936996	-0.0984249	0	-1.2795237	-0.8202075	0	0.2624664	0.8530158	2.3293893	2.7230889	3.7729545	4.1010375	5.590391
54	0.1640415	-0.328083	-0.1968498	0.0656166	0.1640415	-1.5091818	-0.9186324	-0.0656166	0.1968498	1.2139071	2.5918557	2.8543221	3.9698043	4.0682292	4.3306956
55	0.4921245	-0.1312332	0.0328083	0.2952747	0.3608913	-1.640415	-0.8202075	0	0.1968498	2.296581	3.0183636	3.0511719	3.6417213	3.120632	1.0162948
56	0.7873992	0.656166	0.2624664	0.5249328	0.5577411	-1.7060316	-0.7545909	0.1640415	0.1968498	2.7558972	3.5432964	3.2152134	4.2978873	3.5432964	2.139071
57	1.1154822	2.2309644	0.921245	0.7217826	0.7217826	-1.9028814	-0.656166	0.0984249	0.0984249	0.984249	3.7401462	3.28083	3.5432964	2.7558972	0.2952747
58	1.5747984	0.4265079	0.7217826	0.9186324	0.8858241	-2.3293893	-0.9186324	-0.0984249	-0.1640415	4.265079	3.9041877	3.2480217	3.5761047	2.4606225	-0.984249
59	1.968498	0.6889743	0.8858241	1.1482905	1.0498656	-2.4934308	-1.1810988	-1.1968498	-0.3608913	3.7073379	3.9698043	2.9855553	4.2322707	2.4278142	-3.2480217
60	1.9028814	0.6889743	0.9514407	1.1482905	1.0826739	-2.1981561	-0.8530158	0	-0.1312332	4.1010375	4.0026126	3.0839802	3.9041877	2.96581	-2.7558972
61	1.7060316	0.7217826	1.0498656	1.1810988	1.1154822	-1.7388399	-0.2624664	0.3608913	0.1968498	5.1837114	4.1994624	3.2152134	3.2152134	1.7716482	-2.7558972
62	1.8700731	0.7545909	1.0170573	1.2467154	1.1482905	-1.9356897	-0.5905494	0.328083	0.1312332	4.3963122	4.3963122	3.464666	4.3963122	2.5904704	-3.2480217
63	1.9028814	0.8202075	1.0826739	1.312332	1.2467154	-1.8700731	-0.4593162	0.3608913	0.2296581	4.7243952	4.4291205	3.5104881	4.1338458	2.624664	-2.1653478
64	2.0669229	0.8530158	1.0170573	1.2467154	1.2467154	-2.0997312	-1.0170573	0	0	2.952747	3.8057628	3.28083	4.593162	3.5104881	0.1640415
65	2.1325395	0.8530158	1.0498656	1.1810988	1.1810988	-2.3293893	-1.0826739	-0.328083	-0.1968498	3.5104881	3.28083	3.0839802	3.0839802	2.7887055	1.8044565
66	2.1325395	0.8530158	0.984249	1.1482905	1.1482905	-2.2637727	-1.2795237	-0.4265079	-0.328083	2.3293893	2.9199387	2.6902806	3.5104881	2.952747	1.1810988
67	1.968498	0.8858241	1.0826739	1.1154822	1.0826739	-1.7388399	-0.5905494	-0.2624664	-0.2296581	3.5761047	2.4606225	2.1653478	1.3779486	1.1482905	0.3936996
68	1.9028814	0.9186324	1.1482905	1.0498656	1.0170573	-1.4435652	-0.3608913	-0.2624664	-0.2952747	3.6745296	1.8372648	1.5091818	0.0656166	-0.0984249	-0.6233577
69	2.0013063	0.9186324	1.0826739	1.0170573	0.984249	-1.7716482	-0.7217826	-0.5249328	-0.5249328	3.0511719	1.7060316	1.3779486	0.4265079	1.640415	-0.7217826
70	2.0669229	0.7545909	0.9514407	0.8530158	0.8202075	-2.3950059	-1.2467154	-1.0170573	-1.0498656	3.0511719	1.4763735	1.0826739	-0.0656166	-0.3936996	-1.3451403
71	1.8700731	0.656166	0.7873992												

Appendix 3-B. Shoreline Change Rates (ft/yr) for Saco Bay, Maine

Transect	Incremental Rates (end point method)																		
	1864--1944	1864--1977	1864--1986	1864--1995	1864--1998	1944--1977	1944--1986	1944--1995	1944--1998	1977--1986	1977--1995	1977--1998	1986--1995	1986--1998	1995--1998				
102	1.8700731	0.8530158	0.6889743	1.0826739	1.1482905	-1.5747984	-1.5419901	-0.0984249	0.1312332	-1.3451403	2.5918557	2.7887055	6.4304268	5.8726657	4.1338458				
103	1.968498	0.8530158	0.656166	1.1154822	1.1482905	-1.7716482	-1.8700731	-0.2296581	-0.0328083	-2.1653478	2.624664	2.6902806	7.3162509	6.2991936	3.1167885				
104	2.0341146	0.9514407	0.6889743	1.1109888	1.1482905	-1.640415	-1.8372648	-0.1640415	-0.1312332	-2.624664	2.4934308	2.2309644	7.4802924	5.8726657	7.0733992				
105	2.0341146	1.1154822	0.7545909	1.1154822	1.2467154	-1.1810988	-1.640415	-0.2952747	0.0984249	-3.4448715	1.2795237	2.0997312	5.6726857	6.233577	7.2834426				
106	1.968498	1.1810988	0.7545909	1.239071	1.3451403	-0.7873992	-1.5747984	0.0328083	0.3936996	-4.291205	1.4763735	2.2309644	7.2834426	7.1522094	6.2401264				
107	2.1653478	0.984249	0.8530158	1.3451403	1.3451403	-1.8700731	-1.6076067	0.0656166	0.1640415	-0.6889743	3.5761047	3.3464466	7.7099505	6.3320199	1.9368997				
108	2.1653478	1.0498656	0.9186324	1.5419901	1.5419901	-1.6732233	-1.4107569	0.5577411	0.5905494	-0.5577411	4.5603537	4.0682292	9.5800236	7.5131007	10.826739				
109	2.4934308	1.312332	1.1154822	1.706316	1.640415	-1.5091818	-1.4763735	0.0249328	0.3936996	-1.4107569	4.2322707	3.3464466	7.1125668	8.6593497	-2.0997312				
110	2.8543221	1.7716482	1.4435652	2.1325395	2.1325395	-0.8858241	-1.2139071	0.1507569	0.1507569	-2.4606225	4.4619288	4.1994624	11.2204388	9.1207074	4.934308				
111	3.4120632	2.1981561	1.8372648	2.4606225	2.5262391	-0.7873992	-1.1482905	0.9514407	1.1810988	-2.4278142	4.0682292	4.2322707	10.4330394	10.1535157	5.2165197				
112	3.608913	2.4278142	1.9356897	2.6574723	2.7558972	-0.4593162	-1.2795237	1.1482905	1.5091818	-4.2978873	4.0026126	4.5275454	12.139071	9.1653971	7.7756561				
113	4.9540533	3.28083	3.1824051	3.5432964	3.4776798	-0.7873992	-0.2296581	1.3779486	1.2795237	1.8044566	5.2821363	4.4947371	8.6613912	4.960434	-0.2952747				
114	4.8556284	3.5104881	3.608913	3.8713794	3.6417213	0.2624664	1.2139071	2.296581	1.8700731	4.7243952	5.9711106	4.4291205	7.1850177	1.4994624	-5.249328				
115	5.0196699	2.7887055	3.0183636	3.5104881	2.952747	-2.6902806	-0.8530158	1.1482905	-0.1312332	5.8726857	0.8380335	3.8385711	10.170573	2.296581	-22.4736855				
116	4.1338458	2.3950559	2.6902806	3.2480217	2.624664	0	1.8700731	0.4265079	6.5288517	8.530158	3.8713794	10.498656	1.9028814	-25.1639661					
117	4.1338458	2.3293893	2.7887055	3.0839802	2.5918557	-2.0669229	0.2624664	1.4435652	0.0608913	8.6941995	7.7755671	4.1010375	6.8599477	0.6899743	-18.7663476				
118	4.0354209	2.3621976	2.5918557	3.0511719	2.5918557	-1.7063016	-0.1640415	1.4435652	0.4593162	5.4461778	7.1522094	3.8385711	8.858241	2.6574723	-10.8305799				
119	3.7401462	2.3293893	2.3950559	2.4934308	2.4934308	-1.0626739	-0.1312332	1.4107569	0.656166	3.28083	5.9711106	3.3464466	6.8599477	3.3792549	-13.0248951				
120	3.3792549	2.1981561	2.1653478	2.8574723	2.3950559	-0.6889743	-0.0984249	1.5091818	0.9514407	2.0341146	5.5117944	3.5761047	8.8910493	4.6915869	-8.4973497				
121	3.2480217	1.8372648	2.0669229	2.4278142	2.2309644	-1.6076067	-1.0296849	1.1810988	0.7545909	5.0196699	6.2007687	4.4291205	7.3818675	5.1273015	-7.752075				
122	2.9855553	1.4107569	1.7716482	2.2309644	1.968498	-2.3621976	-0.5249328	1.0826739	0.4921245	6.2007687	7.3162509	4.921245	8.3999248	3.9698043	-9.9409149				
123	2.8543221	1.2795237	1.640415	2.1325395	1.8700731	-2.5262391	-0.656166	1.0170573	0.4265079	6.1023438	7.4474841	4.9540533	8.1338458	10.4002311					
124	2.8215138	1.0826739	1.5747984	2.1325395	1.7716482	-3.1167885	-0.8202075	1.0170573	0.1968498	7.6115256	8.4973497	5.3747529	9.3503655	3.6745296	-14.2059939				
125	2.758972	1.0170573	1.5419901	1.968498	1.7388399	-3.2480217	-0.8202075	0.7545909	0.1968498	8.0708418	7.9396086	5.577411	7.8063754	3.7073379	-9.2191323				
126	2.6902806	0.9514407	1.4107569	1.9028814	1.7063016	-3.28083	-1.0170573	0.656166	0.2624664	7.2834426	7.8083754	5.8076991	8.3333082	4.7243952	-6.6928932				
127	2.5918557	0.8530158	1.2795237	1.8372648	1.6732233	-3.3464466	-1.2139071	0.656166	0.328083	6.6272766	7.9724169	6.1023438	9.2487489	5.7068446	-5.5117944				
128	2.4934308	0.7873992	1.2139071	1.8372648	1.640415	-3.4448715	-1.2795237	0.7545909	0.3608913	6.5944683	8.4317331	6.2991936	10.203813	6.0093589	-6.9881767				
129	2.4278142	0.8202075	1.1810988	1.7716482	1.6076067	-3.1167885	-1.2139071	0.7545909	0.3936996	5.6430276	7.7099505	5.8398774	9.7440651	6.0699189	-5.8998774				
130	2.2309644	0.656166	1.1482905	1.7716482	1.5747984	-3.1824051	-0.9514407	1.0170573	0.5577411	7.127826	8.6613912	6.3976185	10.1049564	5.742608	-7.873992				
131	2.0669229	0.6889743	1.1810988	1.5091818	1.5091818	-2.7230889	-0.5577411	1.2795237	0.656166	7.3490592	8.4645414	5.9383023	5.9472153	4.8556284	-9.937232				
132	2.0669229	0.5905494	1.1154822	1.7388399	1.4763735	-2.9199387	-0.2177826	1.2139071	0.656166	7.3818675	8.7270078	6.233577	10.0721481	5.8306512	-9.3175572				
133	2.0341146	0.5905494	1.1482905	1.7388399	1.4763735	-2.8543221	-0.5249328	1.2795237	0.656166	7.9724169	8.7598161	6.1023438	9.514407	12.743952	-10.3364145				
134	2.0341146	0.5905494	1.0826739	1.7063016	1.4763735	-2.9199387	-0.7545909	1.2139071	0.6889743	7.1522094	8.6285829	6.2991936	10.0721481	5.6758359	-2.3488833				
135	2.0669229	0.5249328	1.0498656	1.7063016	1.5091818	-3.1824051	-0.8858241	1.2139071	0.7127826	7.545909	9.0878991	6.8241264	10.6298942	6.2991936	-7.2834426				
136	2.1325395	0.5249328	1.0826739	1.7716482	1.5747984	-3.3464466	-0.9514407	1.2139071	0.7217826	7.8411837	9.4159821	7.0865928	10.9907805	6.5288517	-7.4802924				
137	2.1325395	0.5577411	1.0826739	1.8372648	1.5747984	-3.2480217	-0.9186324	1.3779486	0.7545909	7.6443339	9.7440651	6.9881679	11.7781797	6.4632351	-10.2032813				
138	1.968498	0.5249328	1.0498656	1.8044565	1.5747984	-2.952747	-0.6889743	1.5747984	0.984249	7.545909	9.7440651	7.1194011	11.9094129	6.7913181	-9.3831737				
139	1.8044565	0.4265079	0.984249	1.8044565	1.5747984	-2.952747	-0.5249328	1.8372648	1.2467154	8.333082	10.4658477	7.8083754	12.958372	7.4474841	-8.2524327				
140	1.8372648	0.2952747	0.984249	1.7716482	1.5747984	-3.4120632	-0.656166	1.7063016	1.2467154	9.4487904	10.9579722	8.4973497	12.467154	7.7756561	-7.0209762				
141	1.8372648	0.328083	1.0170573	1.7716482	1.6076067	-3.3464466	-0.5249328	1.7063016	1.2795237	9.8752983	10.9251639	8.4645414	11.9094129	7.4146758	-6.6928932				
142	1.7063016	0.328083	0.984249	1.8044565	1.6076067	-2.9855553	-0.3936996	1.968498	1.4435652	9.1535157	10.9907805	8.3661165	12.795237	7.8083754	-7.9396086				
143	1.8044565	0.3936996	1.0170573	1.8044565	1.5747984	-2.9855553	-0.4921245	1.8372648	1.2467154	8.6285829	10.5642726	7.873992	12.467154	7.3162509	-8.9238576				
144	1.9028814	0.4265079	1.0170573	1.5419901	1.5419901	-3.1495968	-0.6889743	1.0170573	0.0498656	8.2348833	8.5629663	7.5787173	8.858241	7.0865928	1.5091818				
145	1.9356897	0.4593162	1.1154822	1.4435652	1.5747984	-3.1495968	-0.4593162	0.656166	1.0170573	9.3503655	7.6115256	7.545909	5.8726857	6.1679604	7.0865928				
146	1.968498	0.5249328	1.1154822	1.4435652	1.6076067	-2.9855553	-0.5577411	0.656166	1.0498656	8.3661165	7.2506343	7.3490592	6.1023438	6.5944683	10.336501				
147	2.0013063	0.5577411	1.1482905	1.4435652	1.640415	-2.9199387	-0.5577411	0.5249328	0.0826739	8.1364584	6.7913181	7.2834426	5.4789861	6.8600849	10.4033094				
148	2.0341146	0.656166	1.1810988	1.4107569	1.6076067	-2.7558972	-0.4593162	0.4593162	0.984249	7.9724169	6.233577	6.8241264	4.5603537	5.9711106	10.4658477				
149	2.0341146	0.6233577	1.2139071	1.4763735	1.6076067	-2.8215138	-0.3608913	0.5905494	0.984249	8.6285829	6.7257015	6.9225513	4.8884367	5.6430276	8.0052252				
150	2.0341146	0.656166	1.2139071	1.4763735	1.5747984	-2.6902806	-0.328083	0.6233577	0.9514407	8.2676916	6.56166	6.5944683	4.8884367	5.3149446	6.6227266				
151	1.9356897	0.656166	1.1482905	1.4107569	1.5419901	-2.4006225	-0.3936996	0.5249328	0.9186324	7.1850177	5.9383023	6.1679604	4.6915869	5.3805612	7.5787173				
152	1.8372648	0.656166	1.1810988	1.3779486	1.5091818	-2.2309644	-0.0656166	0.6889743	1.0826739	7.9068903	6.0039189	6.233577	4.1338458	4.9886816	7.6115256				
153	1.7716482	0.656166	1.1154822	1.3451403	1.5091818	-2.0669229	-0.0984249	0.6889743	1.1482905	7.0865928	5.7086442	6.1351521	4.3635039	5.4133995	8.6941959				
154	1.7388399	0.6233577	1.1154822	1.3451403	1.5091818	-2.1325395	-0.1312332	0.6889743	1.1154822	7.1522094	5.7742608	4.4291205	5.4461798	6.285829	8.7200731				
155	1.7716482	0.6233577	1.0826739	1.312332	1.4763735	-2.1653478	-0.2296581	0.6233577	1.0498656	6.7913181	5.6102193	0.0367272	4.4291205	4.4789661	8.7200731				
156	1.7063016	0.5249328	1.0170573	1.2467154	1.4435652														

Appendix 3-B. Shoreline Change Rates (ft/yr) for Saco Bay, Maine

Transect	Incremental Rates (end point method)														
	1864--1944	1864--1977	1864-1986	1864--1995	1864--1998	1944--1977	1944-1986	1944--1995	1944--1998	1977-1986	1977--1995	1977--1998	1986-1995	1986--1998	1995--1998
203	1.4763735	0.4265079	0.5905494	0.6233577	0.6889743	-2.0997312	-1.0826739	-0.6889743	-0.4921245	2.624664	1.8700731	2.0341146	1.1154822	1.5747984	2.952749
204	1.2139071	0.3936996	0.5249328	0.5249328	0.5905494	-1.5747984	-0.7545909	-0.5577411	-0.328083	2.1653478	1.312332	1.6076067	0.4593162	1.1810988	3.3792549
205	0.9514007	0.2952747	0.4921245	0.4921245	0.4593162	0.4921245	-1.2795237	-0.3608913	-0.2624664	-0.1640415	3.0183636	1.5419901	1.5419901	0.4265079	1.640415
206	0.8202075	0.2952747	0.5577411	0.4921245	0.5249328	-0.984249	0.0656166	-0.0328083	0.0984249	4.0354209	1.7060316	1.8372648	-0.5577411	0.1968498	2.5590474
207	0.8858241	0.3936996	0.6233577	0.6233577	0.5249328	0.5577411	-0.7545909	0.1312332	0.0	0.0984249	3.3792549	1.3779486	1.4435652	-0.5905494	0.1936897
208	0.8858241	0.4265079	0.5249328	0.5249328	0.5249328	0.5577411	-0.656166	-0.1968498	0	0.0656166	1.5091818	1.1810988	1.2139071	0.8530158	0.984249
209	0.9186324	0.4921245	0.5249328	0.5905494	0.6233577	-0.5577411	-0.1968498	0.0984249	0.1640415	1.1810988	1.312332	1.3451403	1.4435652	1.4763735	1.640415
210	1.0498656	0.5577411	0.5577411	0.6233577	0.6889743	-0.6233577	-0.328083	-0.0328083	0.1640415	0.7873992	1.0826739	1.4435652	1.4107569	1.9356897	3.6417213
211	1.1810988	0.6233577	0.5577411	0.7217826	0.7873992	-0.8202075	-0.6889743	-0.0656166	0.1640415	-0.1968498	1.312332	1.7060316	2.8215138	3.1167885	4.0882292
212	1.3779486	0.6233577	0.6889743	0.6889743	0.7873992	-1.2139071	-0.656166	-0.3608913	-0.0656166	1.312332	1.1482905	1.7060316	0.984249	1.968498	5.1180948
213	1.4107569	0.5905494	0.656166	0.656166	0.7545909	-1.4763735	-0.8202075	-0.5577411	-0.2624664	1.6076067	1.0826739	1.6732233	0.5905494	1.7388399	5.3477529
214	1.3451403	0.5577411	0.7545909	0.6233577	0.8202075	-1.3779486	-0.3936996	-0.4921245	0.0328083	3.1167885	1.1154822	2.2309644	-0.8530158	1.5747984	9.2191323
215	1.2139071	0.4921245	0.6233577	0.5905494	0.858241	-1.2139071	-0.4593162	-0.3608913	0.3936996	2.296581	1.1810988	2.9199387	0.0984249	3.3792549	13.7466777
216	1.0498656	0.4921245	0.4593162	0.5905494	0.9514407	-0.858241	-0.656166	-0.0984249	0.7545909	0.2296581	1.312332	3.3464466	2.3621976	5.6430276	16.0104504
217	1.0498656	0.4921245	0.5577411	0.6889743	1.0498656	-0.8202075	-0.3608913	1.312332	1.1154822	1.8372648	4.0682292	2.460225	6.2007687	17.9789484	
218	1.0826739	0.5249328	0.6233577	0.6233577	1.2139071	-0.858241	-0.2624664	0.3936996	1.4435652	2.1325595	2.6902806	5.0524782	3.28083	7.2506343	19.7834049
219	1.1810988	0.5577411	0.7873992	0.984249	1.4107569	-0.9514407	0	0.656166	1.7388399	3.5104881	3.5761047	5.8726857	3.609513	7.6443339	20.311446
220	1.2795237	0.656166	1.0170573	1.1810988	1.6076067	-0.8530158	0.4593162	0.984249	2.0997312	5.3149446	4.3306956	6.6928932	3.3792549	7.7099505	21.3910116
221	1.2139071	0.7873992	1.1154822	1.4435652	1.8044565	-0.2296581	0.9514407	1.8044565	2.6902806	5.2821363	5.4789661	7.217826	5.7086442	8.6613912	17.9641201
222	1.0826739	0.9186324	1.2139071	1.6076067	1.968498	0.4921245	1.4435652	2.4278142	3.2480217	4.8884367	9.9383023	7.545909	6.9225513	9.5472163	17.7492903
223	1.0170573	1.0170573	1.3779486	1.8044565	2.0997312	0.9514407	2.0341146	3.0183636	3.7401462	5.9711106	6.7913181	8.0380335	7.6115256	9.5800236	15.8792172
224	0.8530158	1.0826739	1.3451403	1.8372648	2.1325595	1.640415	2.296581	3.3464466	4.0682292	4.6259703	6.3976185	7.8083754	8.1036501	10.2038113	16.7650413
225	0.6889743	0.984249	1.3779486	1.8372648	2.0997312	1.7716482	2.6902806	3.6417213	4.2322707	6.1023438	7.0209762	8.0708418	7.9068003	9.514407	14.5969335
226	0.8858241	1.0826739	1.6076067	1.968498	2.2637727	1.5091818	2.9855563	3.608913	4.2978873	8.3989249	7.4474841	8.5957746	6.5288517	8.7598161	15.8464089
227	1.312332	1.2139071	2.0013063	2.2309644	2.4934308	0.984249	3.28083	3.7073359	4.265079	11.7125631	6.8285629	9.3831738	5.6430276	7.6443339	14.0419524
228	1.5747984	1.4107569	2.2309644	2.4278142	2.6574723	0.984249	3.4448715	3.7329545	4.265079	12.467154	8.7598161	9.3831738	5.1509031	7.1194011	13.3529781
229	1.6732233	1.5091818	2.3621976	2.5262391	2.6902806	1.0826739	3.6745296	3.8385711	4.265079	13.1561283	8.8910493	9.0550908	4.9915669	6.0039189	10.1045664
230	1.640415	1.4435652	2.2637727	2.4278142	2.624664	0.984249	3.4120632	3.608913	4.0354209	12.3031125	8.3989248	8.858241	4.593162	6.2663853	11.5813299
231	1.4763735	1.4107569	2.1981561	2.4278142	2.5262391	1.1810988	3.5104881	3.8713794	4.1010375	12.0734544	8.7270078	8.6285629	5.4461778	6.0367272	7.873992
232	1.2795237	1.3779486	2.1653478	2.3621976	2.4278142	1.6076067	3.8385711	4.0682292	4.1666541	11.9094129	8.4973497	8.1364584	5.1837114	5.3149446	5.6758359
233	0.984249	1.2139071	1.9356897	2.2309644	2.2637727	1.7716482	3.8057628	4.1994264	4.1666541	11.2204386	8.5629663	7.9396086	5.9711106	5.4789661	4.0026126
234	1.0498656	1.3779486	2.0013063	2.296581	2.296581	2.296581	2.1325595	3.8385711	4.2322707	4.1666541	10.0393398	8.0380335	7.3162509	6.0695355	5.2821363
235	1.0170573	1.5091818	2.1325595	2.3950059	2.3621976	2.6574723	4.265079	4.4947371	4.2978873	10.2038113	7.8083754	8.6596347	5.4461778	4.3963122	1.0498656
236	0.8858241	1.6732233	2.296581	2.5262391	2.3950059	3.608913	4.9868616	5.1180948	4.6915669	9.9737232	7.9068003	6.3648102	5.8726857	3.6745296	-3.28083
237	0.4921245	1.8044565	2.3621976	2.6574723	2.4278142	4.9868616	5.8726857	6.0039189	5.2821363	9.1535157	7.8411837	5.7414525	5.65166	3.2152134	-17.3162509
238	0.2952747	1.8044565	2.296581	2.5590474	2.3293893	5.4461778	6.1679604	6.1023438	5.3477529	8.7270078	7.3162509	5.2165197	5.9383023	2.5918557	-8.0052252
239	0.2624664	1.8044565	2.3293893	2.5262391	2.296581	5.5446027	6.233577	6.0695355	5.3149446	8.7598161	7.0537845	4.9540533	5.4133695	2.1325595	-8.202075
240	0.3608913	2.1325595	2.3950059	2.624664	2.3293893	6.4304268	6.2663853	6.1351521	5.249328	5.7086442	5.6102193	3.4448715	5.5117944	1.7388399	-10.1045664
241	0.7545909	2.3950059	2.7887055	2.9199387	2.5590474	6.3320019	6.2272766	6.2991936	5.1837114	7.7099505	6.233577	3.4448715	4.7900118	0.2296581	-14.0747607
242	1.2139071	2.5918557	3.28083	3.2152134	2.7558972	5.9383023	6.3320019	6.3320019	5.0524782	12.0734544	7.0209762	3.6417213	2.0997312	-2.624664	-17.5196322
243	1.8700731	3.3136383	3.5432964	3.5104881	2.9855563	6.7913181	6.6928932	6.0695355	4.6587786	6.3648102	4.7243952	1.312332	3.1495968	-2.4278142	-19.9802547
244	2.6902806	3.8385711	3.8057628	3.936996	3.3792549	6.6600849	5.9711106	5.8726857	4.4291205	3.4448715	4.4619288	0.8858241	5.4461778	-1.0170573	-21.3910116
245	2.8215138	4.0682292	3.9041877	4.1338458	3.5104881	7.1522094	6.0039189	6.1679604	4.593162	1.8372648	4.4291205	0.5905494	6.9881679	-0.328083	-23.4251262
246	2.3950059	4.1010375	3.8385711	4.0026126	3.4448715	8.3333082	6.2272766	6.56166	5.0196699	0.3608913	3.3464466	-0.1312332	6.2663853	-0.5249328	-21.9159444
247	2.3293893	4.0682292	3.936996	3.9041877	3.364466	8.3333082	7.0209762	6.3976185	4.8884367	2.3293893	2.8871304	-0.4921245	3.4448715	-2.5590474	-21.4894365
248	2.4606225	2.322707	4.0354209	3.7401462	3.2480217	8.530158	7.0537845	5.7414525	4.4619288	1.6076067	0.656166	-1.9356897	-0.2624664	-4.5603537	-18.1757982
249	3.0183636	4.0682292	3.8385711	3.4448715	3.1824051	6.5944683	5.3477529	4.1010375	3.3792549	0.7873992	-0.4265079	-1.6076067	-1.640415	-3.4120632	-9.0550908
250	3.6745296	4.0682292	3.7401462	3.364466	3.1167885	4.9868616	3.8713794	2.854322	2.296581	-0.2296581	-1.0498656	-1.9028814	-1.8700731	-3.1167885	-7.0537845
251	4.6259703	4.3963122	4.0354209	3.4448715	3.4448715	3.7729545	2.8871304	1.5419901	1.7060316	-0.2952747	-2.4934308	-1.5419901	-4.6259703	-2.4606225	4.3963122
252	5.7742608	4.7572035	4.5603537	3.7401462	3.936996	2.3293893	2.2637727	0.5577411	1.2139071	1.968498	-2.6902806	-0.5249328	-7.217826	-2.3950059	12.7624287
253	6.889743	5.0852865		4.2322707	4.3963122	0.7545909	0.0984249	0.7545909	0.0984249	-1.0826739	0.7545909				12.139071
254	8.3004999	5.905494		5.0852865	5.2165197	0.0656166	0.0656166	0.0656166	0.0656166	0.0984249	1.5419901				10.4658477
255	9.84249	6.9553596		6.1023438	6.2007687	-0.0328083		0.2624664	0.7873992		0.8530158				9.9737232
256					0			0			0.0656166				
257	1.9028814	1.1810988		1.0498656	0	-0.6233577		-0.2952747		0.3608913					
258	0.1312332	0.3936996		0.6233577	0.9514407	1.0498656		1.3451403	2.1981561		1.9356897	3.9698043			16.6994247
259	-0.4921245	-0.0656166													