Table B1: Comparison between calculated and observed M_2 tidal ellipse parameters

Latitude	Longitude	Station	U_{major} (cm/s)			U_{minor} (cm/s)			Orien (Deg)			Phase (Deg)			Depth	Bottom
(Deg)	(Deg)		Obs.	Cal.	Diff	Obs.	Cal.	Diff	Obs.	Cal.	Diff	Obs.	Cal.	Diff	(m)	(m)
42.343	-70.758	BLS 1	7.3±4.9	10.1	2.8	-0.3±0.5	0.7	1.0	343±66	9	26	196±8	194	-2	22	30
42.343	-70.758	BLS 1	2.5	9.7	7.2	-1.0	0.9	1.9	38	8	-30	193	194	1	30	30
42.340	-70.590	STB 8	6.8±0.5	8.1	1.3	2.9±1.5	3.6	0.7	349±105	358	9	182±108	178	-4	34	65
42.417	-70.583	FA 16	6.7	7.4	0.7	3.2	2.8	-0.4	203	191	-12	23	9	-14	32	84
42.417	-70.583	FA 16	7.1	7.5	0.4	1.9	2.8	0.9	186	189	3	2	7	5	62	84
41.910	-70.227	CCB 21	8.5	13.2	4.7	1.0	0.7	-0.3	11	10	-1	294	291	-3	29	30
41.975	-70.397	CCE 22	16.4	16.5	0.1	-0.3	1.2	1.5	25	24	-1	275	275	0	6	46
41.977	-70.403	CCE 22	15.4±0.3	16.3	0.9	0.6±0.1	0.9	0.3	25±1	21	-4	272±1	266	-6	24	47
41.977	-70.403	CCE 22	14.5±0.1	14.8	0.3	1.9±0.1	2.2	0.3	17±1	16	-1	262±0	265	3	40	47
41.977	-70.403	CCE 22	9.9±0.0	10.8	0.9	2.3±0.2	2.5	0.2	10±2	12	2	262±1	267	5	46	47
42.393	-70.907	A 23	17.0±1.1	11.4	-5.6	0.1±0.7	-0.2	-0.3	28±3	17	-11	207±2	207	0	8	24
42.393	-70.907	A 23	9.7±0.2	8.0	-1.7	1.6±0.5	0.9	-0.7	3±7	9	6	213±1	210	-3	23	24
42.343	-70.802	B 24	6.3±3.4	9.7	3.4	0.1±1.0	0.6	0.5	25±5	15	-10	188±3	189	1	8	37
42.343	-70.802	B 24	6.1±0.1	9.7	3.6	1.6±0.5	0.7	-0.9	349±17	14	25	166±12	188	22	36	37
42.393	-70.662	C 25	9.1±1.2	7.9	-1.2	2.5±0.9	2.0	-0.5	220±35	195	-25	31±27	12	-19	8	72
42.393	-70.662	C 25	5.6±0.1	7.2	1.6	2.9±0.1	2.6	-0.3	357±3	4	7	185±4	186	1	71	72
42.390	-70.898	2 29	15.0±0.6	10.3	-4.7	0.4±0.4	0.5	0.1	30±6	14	-16	214±2	203	-11	9	23
42.390	-70.898	2 29	12.4±1.0	8.8	-3.6	2.4±0.6	1.3	-1.1	6±9	6	0	188±7	202	14	17	23
42.333	-70.842	3 30	13.5±1.5	9.8	-3.7	1.3±1.1	0.7	-0.6	206±3	191	-15	20±2	11	-9	9	23
42.333	-70.842	3 30	13.7±2.2	9.2	-4.5	2.8±1.2	1.5	-1.3	5±13	5	0	180±12	189	9	17	23
42.378	-70.785	5 32	11.2±0.9	9.4	-1.8	-1.0±1.0	0.4	1.4	204±4	195	-9	5±8	13	8	14	34
42.378	-70.785	5 32	11.8	9.3	-2.5	-0.3	0.7	1.0	206	193	-13	356	11	15	22	34
42.378	-70.785	5 32	13.2±3.2	9.1	-4.1	-0.9±1.4	0.9	1.8	106±6	101	-5	87±5	100	13	27	34
42.452	-70.825	6 33	10.3±0.6	8.3	-2.0	-1.1±1.3	0.5	1.6	33±2	34	1	191±4	189	-2	11	37
42.452	-70.825	6 33	9.6	7.4	-2.2	1.1	1.2	0.1	36	12	-24	207	202	-5	31	37
42.317	-70.777	7 34	13.4±0.4	10.1	-3.3	-1.1±0.0	0.3	1.4	210±1	201	-9	353±5	352	-1	9	27
42.317	-70.777	7 34	10.0±3.9	9.8	-0.2	0.3±0.3	0.8	0.5	195±27	209	14	351±3	2	11	18	27
42.328	-70.767	7 34	9.3±0.2	9.6	0.3	-1.1±1.1	0.6	1.7	15±116	11	-4	182±121	191	9	17	27
42.342	-70.937	9 35	43.2±1.8	11.9	-31.3	-0.8±1.8	-0.3	0.5	31±3	24	-7	210±6	212	2	9	15
42.317	-70.900	10 36	42.6±3.7	11.8	-30.8	1.0±0.4	0.2	-0.8	207±1	188	-19	3±9	4	1	7	12
43.367	-62.667	SS3	18.7±1.5	15.6	-3.1	-9.7±0.9	-8.8	0.9	103±5	81	-22	301±4	289	-12	20	99
43.367	-62.667	SS3	17.8±1.2	15.6	-2.2	-10.9±0.8	-8.8	2.1	88±12	80	-8	296±9	289	-7	50	99
43.367	-62.667	SS3	14.4	15.1	0.7	-2.8	-8.2	-5.4	67	78	11	300	287	-13	81	99
43.367	-62.667	SS3	16.7	14.7	-2.0	-7.6	-7.8	-0.2	115	77	-38	294	287	-7	91	99
43.367	-62.667	SS3	12.5±1.7	13.8	1.3	-6.2±0.4	-7.1	-0.9	85±7	76	-9	297±5	288	-9	95	99
43.033	-62.900	SS7	15.6	17.7	2.1	-6.2	-10.5	-4.3	91	90	-1	299	287	-12	50	125
43.033	-62.900	SS7	12.2	17.1	4.9	-5.3	-9.8	-4.5	91	88	-3	307	285	-22	118	125
43.750	-62.983	SS2	5.8±3.4	4.9	-0.9	-1.4±3.6	-0.3	1.1	78±95	81	3	257±98	291	34	20	278
43.750	-62.983	SS2	4.5±0.8	4.9	0.4	0.9±0.8	-0.3	-1.2	109±51	81	-28	302±52	291	-11	50	278
43.750	-62.983	SS2	4.2±1.2	4.9	0.7	0.0±1.3	-0.3	-0.3	104±29	81	-23	296±19	291	-5	95	278
43.750	-62.983	SS2	8.4±1.5	4.9	-3.5	-3.9±1.2	-0.3	3.6	95±10	81	-14	299±6	291	-8	250	278
43.250	-63.367	SS6	13.5	13.4	-0.1	-5.5	-5.6	-0.1	102	91	-11	305	295	-10	50	135
43.250	-63.367	SS6	11.9	13.6	1.7	-3.0	-5.8	-2.8	93	90	-3	294	294	0	130	135
44.433	-63.483	SS1	3.6±1.0	2.2	-1.4	0.1±0.3	1.0	0.9	26±27	55	29	310±64	277	-33	14	101
44.433	-63.483	SS1	2.4±0.6	2.3	-0.1	-0.1±1.1	0.9	1.0	47±84	55	8	277±22	277	0	95	101
42.817	-63.500	S1	12.1±1.9	11.2	-0.9	-7.3±3.2	-5.7	1.6	92±19	99	7	272±12	291	19	20	240
42.817	-63.500	S1	9.7±0.9	11.2	1.5	-6.7±2.0	-5.7	1.0	114±5	99	-15	270±12	291	21	50	240

42.817	-63.500	S1	9.8	11.2	1.4	-5.4	-5.8	-0.4	77	99	22	295	291	-4	100	240
42.817	-63.500	S1	7.2±2.1	11.3	4.1	-4.1±1.4	-5.8	-1.7	119±28	99	-20	298±2	291	-7	150	240
42.817	-63.500	S1	6.4±0.2	10.6	4.2	-2.8±0.9	-5.1	-2.3	113±27	96	-17	288±3	289	1	230	240
43.000	-63.500	S6	18.2	17.3	-0.9	-10.3	-9.2	1.1	95	95	0	283	287	4	20	170
43.000	-63.500	S6	9.9±0.5	17.5	7.6	-5.6±0.2	-9.4	-3.8	125±7	95	-30	285±7	287	2	50	170
43.000	-63.500	S6	11.3	17.6	6.3	-5.7	-9.5	-3.8	132	94	-38	288	286	-2	100	170
43.000	-63.500	S6	10.1±1.4	16.5	6.4	-4.1±2.0	-8.3	-4.2	118±42	91	-27	268±25	285	17	153	170
44.283	-63.767	SS13	5.2	4.1	-1.1	-0.4	0.2	0.6	94	92	-2	322	326	4	14	98
44.283	-63.767	SS13	4.6	4.2	-0.4	0.4	0.2	-0.2	89	92	3	336	326	-10	16	98
44.283	-63.767	SS13	2.8	4.2	1.4	2.0	0.2	-1.8	131	91	-40	280	324	44	89	98
44.283	-63.767	SS13	4.0	4.2	0.2	1.2	0.2	-1.0	99	91	-8	333	324	-9	95	98
44.417	-63.950	SS12	7.6±0.5	5.5	-2.1	-0.8±1.0	0.2	1.0	108±3	76	-32	314±3	313	-1	14	60
44.417	-63.950	SS12	7.0	5.0	-2.0	2.4	0.8	-1.6	42	70	28	285	311	26	20	60
44.417	-63.950	SS12	3.5	5.3	1.8	1.3	0.5	-0.8	83	74	-9	340	312	-28	54	60
42.767	-64.000	S2	13.6	10.6	-3.0	-8.5	-5.2	3.3	77	101	24	309	301	-8	30	240
42.767	-64.000	S2	14.1±1.1	10.6	-3.5	-8.8±0.1	-5.2	3.6	64±53	101	37	301±2	301	0	50	240
42.767	-64.000	S2	12.6±1.2	10.6	-2.0	-1.7±0.8	-5.2	-3.5	90±58	100	10	271±1	301	30	220	240
43.567	-65.100	C5	8.4	11.2	2.8	-1.6	2.2	3.8	106	112	6	32	12	-20	15	60
43.567	-65.100	C5	14.5	10.7	-3.8	0.8	2.8	2.0	62	106	44	340	9	29	30	60
43.567	-65.100	C5	10.2	10.2	0.0	6.3	3.1	-3.2	104	103	-1	354	8	14	50	60
43.183	-65.717	C1	87.0	94.4	7.4	-11.4	-7.1	4.3	160	152	-8	348	342	-6	15	60
43.183	-65.717	C1	78.4	87.7	9.3	-4.6	-3.9	0.7	142	150	8	343	343	0	30	60
43.183	-65.717	C1	44.4	55.5	11.1	5.9	-0.2	-6.2	147	148	1	339	345	6	50	60
42.833	-65.833	C3	53.6	62.9	9.3	-9.2	-15.6	-6.4	360	354	-6	148	150	2	15	110
42.833	-65.833	C3	62.3	62.9	0.6	-14.8	-14.8	0.0	350	352	2	148	148	0	50	110
42.833	-65.833	C3	44.6	53.7	9.1	-6.5	-9.8	-3.3	349	346	-3	142	148	6	100	110
42.367	-65.933	NEC1	51.4±3.0	52.4	1.0	-16.1±1.1	-16.4	-0.2	355±3	354	-1	143±4	145	2	103	223
42.367	-65.933	NEC1	57.5±3.2	52.5	-5.0	-21.4±2.7	-16.3	5.1	355±2	353	-2	138±2	144	6	153	223
42.367	-65.933	NEC1	47.8±0.8	48.1	0.3	-11.4±1.8	-12.6	-1.2	341±3	348	7	123±4	143	20	207	223
42.300	-65.967	NEC2	48.6±0.1	54.0	5.4	-11.6±1.4	-17.2	-5.6	357±1	356	-1	141±2	144	3	106	234
42.300	-65.967	NEC2	56.6±3.1	54.2	-2.4	-24.3±3.5	-17.3	7.0	354±2	355	1	138±3	143	5	156	234
42.300	-65.967	NEC2	41.4±12.	50.6	9.2	-15.6±2.7	-13.9	1.7	347±4	351	4	136±1	142	6	217	234
42.183	-66.033	NEC3	57.9±2.8	58.1	0.2	-15.5±3.9	-19.2	-3.7	362±3	359	-3	142±0	144	2	112	236
42.183	-66.033	NEC3	61.1±2.7	58.0	-3.0	-26.9±1.6	-18.9	8.0	363±1	358	-5	129±2	143	14	162	236
42.183	-66.033	NEC3	49.5±2.8	48.6	-0.9	-13.9±3.3	-13.3	0.6	348±2	352	4	120±5	143	23	220	236
43.183	-69.083	Cashes Ledge	13.6	13.1	-0.5	4.9	3.1	-1.8	22	9	-13	121	116	-5	33	190
43.183	-69.083	Cashes Ledge	8.5	13.1	4.6	3.3	3.1	-0.2	32	9	-23	126	116	-10	68	190
43.183	-69.083	Cashes Ledge	9.5	13.1	3.6	4.1	3.0	-1.1	359	9	10	118	116	-2	118	190
43.667	-69.383	Monhegan	7.7	9.0	1.3	3.8	2.8	-1.0	348	353	5	75	80	5	33	98
43.667	-69.383	Monhegan	4.7	9.0	4.3	2.3	2.7	0.4	371	353	-18	53	80	27	68	98
43.217	-70.283	C Porpoise	5.8	6.2	0.4	2.6	2.0	-0.6	338	338	0	99	95	-4	33	98
43.217	-70.283	C Porpoise	3.0	6.3	3.3	1.1	1.9	0.8	338	337	-1	93	95	2	68	98
42.333	-70.750	Boston LS	4.1	10.1	6.0	-0.4	0.2	0.6	200	190	-10	7	8	1	2	31
45.133	-65.133	Bed65	104.2	125.4	21.2	1.3	4.5	3.2	21	21	0	38	35	-3	25	62
45.417	-65.117	Bed66	72.5	99.9	27.4	2.7	-0.2	-2.9	18	22	4	30	40	10	25	38
45.217	-65.233	Bed64	117.9	119.6	1.7	9.9	-5.2	-15.1	19	33	14	31	36	5	10	50
45.217	-65.233	Bed64	99.8	111.8	12.0	-0.4	-1.9	-1.5	25	31	6	31	37	6	25	50
45.317	-65.333	Bed63	89.3	99.4	10.1	0.3	3.2	2.9	20	21	1	29	38	9	25	50
44.650	-66.033	Bed62	109.1	105.3	-3.8	12.6	-3.8	-16.4	17	16	-1	22	43	21	13	90
44.817	-66.200	Bed61	81.0	85.9	4.9	7.2	-5.3	-12.5	20	22	2	18	42	24	13	107
44.817	-66.200	Bed61	86.9	84.4	-2.5	5.0	-2.9	-7.9	15	20	5	23	40	17	50	107

45.000	-66.400	Bed60	71.8	72.0	0.2	9.7	-5.1	-14.8	26	22	-4	26	31	5	13	84
41.700	-66.600	L	63.1±1.4	64.6	1.5	-43.5±0.7	-42.6	0.9	8±3	8	0	124±1	124	0	51	66
42.200	-66.683	P4	55.0	49.4	-5.6	-22.7	-17.4	5.3	362	357	-5	141	146	5	79	219
42.200	-66.683	P4	50.2	48.2	-2.0	-13.8	-15.3	-1.5	351	356	5	119	144	25	129	219
42.033	-66.683	P5	91.9	89.3	-2.6	-51.9	-49.2	2.7	27	7	-20	119	122	3	19	71
42.033	-66.683	P5	74.8	82.6	7.8	-41.8	-44.1	-2.3	6	4	-2	121	122	1	44	71
41.883	-66.683	P6	87.0±1.5	84.1	-2.9	-53.4±2.1	-53.1	0.3	352±1	7	15	121±1	125	4	11	70
41.883	-66.683	P6	79.3±1.1	81.3	2.0	-49.5±1.4	-50.2	-0.7	7±0	6	-1	123±1	125	2	26	70
41.883	-66.683	P6	73.2±0.3	79.2	6.0	-45.5±0.4	-48.2	-2.7	37±1	5	-32	126±3	126	0	36	70
42.067	-67.867	M1	12.5	18.3	5.8	-3.6	-1.1	2.5	354	357	3	149	137	-12	77	200
42.067	-67.867	M1	22.3	18.0	-4.3	-5.9	-0.7	5.2	395	353	-42	110	134	24	192	200
40.933	-66.967	M4	39.5±2.2	36.2	-3.3	-25.9±2.0	-26.9	-1.0	23±3	2	-21	123	127	4	10	77
40.933	-66.967	M4	36.0±1.5	35.9	-0.1	-24.5±1.7	-26.5	-2.0	15±2	1	-14	125	126	1	36	77
40.933	-66.967	M4	28.8±2.2	33.4	4.6	-18.1±1.6	-24.0	-5.9	353±4	357	4	117	125	8	69	77
42.200	-67.250	P1	47.9	37.7	-10.2	-24.1	-9.8	14.3	378	357	-21	173	145	-28	30	203
42.200	-67.250	P1	46.6	37.7	-8.9	-21.7	-9.7	12.0	379	357	-22	174	145	-29	40	203
42.200	-67.250	P1	44.3	37.3	-7.0	-17.7	-8.9	8.8	353	357	4	140	143	3	75	203
42.050	-67.250	P2	100.4±2.1	100.4	0.0	-33.0±0.7	-40.3	-7.3	3±1	4	1	118±5	118	0	14	50
42.050	-67.250	P2	84.8	90.9	6.1	-30.0	-35.6	-5.6	0	2	2	117	118	1	30	50
41.883	-67.250	P3	94.4	95.8	1.4	-49.5	-55.9	-6.4	8	9	1	101	113	12	15	45
41.883	-67.250	P3	87.1	86.6	-0.5	-44.9	-49.9	-5.0	7	7	0	110	114	4	30	45
41.883	-67.250	P3	56.9	68.6	11.7	-30.1	-39.3	-9.2	43	5	-38	91	114	23	40	45
41.333	-67.267	M3	58.8±1.0	60.9	2.1	-41.9±0.9	-46.2	-4.3	2±1	6	4	120	115	-5	36	44
40.900	-67.400	M9	33.0±1.4	35.7	2.7	-18.1±1.1	-23.5	-5.4	357±2	356	-1	106	120	14	71	79
40.850	-67.400	A	36.6±2.4	37.3	0.7	-24.2±1.9	-25.8	-1.6	8±2	3	-5	118±3	120	2	15	85
40.850	-67.400	A	38.3±1.6	37.0	-1.3	-26.0±1.6	-25.4	0.6	5±2	2	-3	119±3	119	0	45	85
40.850	-67.400	A	32.5±2.0	34.1	1.6	-20.1±1.3	-22.6	-2.5	352±3	358	6	115±2	118	3	75	85
40.850	-67.400	A	21.8±1.5	27.9	6.1	-12.9±0.9	-18.3	-5.4	349±3	355	6	109±6	119	10	84	85
41.400	-67.567	C	74.3±0.4	88.6	14.3	-55.6±0.5	-64.0	-8.4	2±1	2	0	114±1	114	0	15	38
41.067	-67.567	K	55.1±0.0	58.8	3.7	-38.7±1.2	-41.5	-2.8	11±1	3	-8	122±0	120	-2	10	61
41.067	-67.567	K	53.6±1.3	58.2	4.6	-37.0±1.1	-40.9	-3.9	7±1	3	-4	122±3	120	-2	15	61
41.067	-67.567	K	55.1±0.0	55.3	0.2	-38.7±1.2	-38.1	0.6	11±1	0	-11	122±0	120	-2	34	61
41.067	-67.567	K	44.4±0.9	46.5	2.1	-28.2±1.2	-31.2	-3.0	359±5	356	-3	115±1	122	7	54	61
41.067	-67.567	K	41.2±1.1	41.9	0.7	-26.8±0.6	-28.0	-1.2	361±1	355	-6	117±1	122	5	58	61
41.067	-67.567	K	31.8±1.0	36.7	4.9	-20.2±1.1	-24.5	-4.3	354±3	354	0	111±5	122	11	60	61
41.983	-67.783	D	39.5±3.1	40.9	1.4	-19.3±2.3	-21.5	-2.2	357±2	355	-2	133±5	131	-2	15	84
42.000	-67.817	M2	29.8	30.1	0.3	-19.2	-13.2	6.0	342	351	9	119	134	15	44	85
42.000	-67.817	M2	29.6	29.4	-0.2	-12.5	-11.4	1.1	392	350	-42	103	132	29	77	85
40.850	-68.817	M	73.2±3.1	70.6	-2.6	-28.9±1.8	-33.6	-4.7	36±2	32	-4	87±2	90	3	10	66
40.850	-68.817	M	59.6±2.0	61.6	2.0	-21.8±1.7	-26.0	-4.2	29±1	26	-3	92±1	90	-2	51	66
40.817	-69.000	B	58.0±1.0	58.0	0.0	-16.9±1.9	-22.9	-6.0	28±1	29	1	84±3	83	-1	58	78
40.850	-69.017	GSC2	71.5	69.6	-1.9	-26.6	-27.9	-1.3	44	36	-8	80	81	1	10	83
40.850	-69.017	GSC2	70.1	68.0	-2.1	-25.9	-25.8	0.1	40	34	-6	81	81	0	32	83
40.850	-69.017	N	57.1±0.9	58.3	1.2	-19.3±0.6	-19.2	0.1	35±1	29	-6	79±1	82	3	68	83
40.500	-69.117	R	26.7±0.6	35.8	9.1	-12.2±0.8	-19.5	-7.3	28±3	33	5	59±5	77	18	79	80
40.867	-69.183	GSC1	62.9	72.8	9.9	-20.5	-28.4	-7.9	47	34	-13	70	73	3	27	64
40.867	-69.183	GSC1	53.0	64.2	11.2	-17.4	-23.3	-5.9	42	30	-12	65	74	9	49	64
40.567	-67.750	LCA	33.7±1.3	33.0	-0.7	-21.3±1.1	-21.6	-0.3	3±2	1	-2	103±3	109	6	80	100
40.567	-67.750	LCA	17.6±1.5	27.0	9.4	-8.3±3.1	-17.3	-9.0	346±0	357	11	113±2	110	-3	99	100
40.533	-67.717	LCB	25.8±0.9	23.2	-2.6	-18.2±2.1	-15.9	2.3	0±5	0	0	107±4	110	3	92	282
40.533	-67.717	LCB	4.3±2.3	23.1	18.8	0.4±1.0	-15.7	-16.1	334±70	359	25	123±18	110	-13	227	282

40.533	-67.717	LCB	6.5±4.2	23.1	16.6	0.6±0.5	-15.7	-16.3	333±30	359	26	106±11	110	4	277	282
40.483	-67.733	LCC	16.2±3.6	19.2	3.0	-8.1±2.1	-13.4	-5.3	353±3	357	4	107±4	109	2	134	184
40.483	-67.683	LCD	22.6±2.2	19.4	-3.2	-9.7±1.7	-11.2	-1.5	356±7	357	1	94±4	106	12	143	193
40.383	-67.550	LCI	11.8±2.6	9.5	-2.3	-9.6±3.8	-6.9	2.7	394±30	358	-36	101±30	110	9	10	250
40.383	-67.550	LCI	11.2±1.9	9.5	-1.7	-8.7±2.3	-6.9	1.8	316±44	358	42	78±33	110	32	55	250
40.383	-67.550	LCI	11.0±3.8	9.5	-1.5	-8.0±1.3	-6.9	1.1	358±49	358	0	108±53	110	2	195	250
40.383	-67.550	LCI	6.3±1.1	9.6	3.3	-3.3±0.5	-7.0	-3.7	392±33	358	-34	110±25	110	0	245	250
40.533	-67.600	LCL	23.5±0.7	24.7	1.2	-18.0±1.3	-17.3	0.7	96±2	106	10	110±2	113	3	65	125
40.533	-67.600	LCL	23.9±1.9	24.4	0.5	-17.9±2.9	-16.9	1.0	431±17	431	0	118±17	111	-7	105	125
40.500	-67.817	LCM	25.6±2.5	25.9	0.3	-18.6±1.9	-17.8	0.8	2±7	2	0	96±7	106	10	103	120
40.500	-67.817	LCM	15.5±3.6	22.2	6.7	-9.9±2.4	-15.1	-5.2	333±11	359	26	106±11	107	1	119	120
40.617	-69.617	Nantucket LS	30.8±7.3	37.0	6.2	-25.2±5.4	-24.2	1.0	53±2	47	-6	56±1	55	-1	2	55
41.517	-69.600	NSA	59.0	68.4	9.4	-6.4	-7.6	-1.2	345	342	-3	86	87	1	5	33
41.517	-69.600	NSA	59.4	63.0	3.6	-5.4	-3.8	1.6	319	338	19	87	88	1	25	33
41.433	-69.733	NSB	70.5	85.6	15.1	-18.9	-32.3	-13.4	353	336	-17	62	60	-2	10	22
41.617	-69.733	NSD	46.4	49.9	3.5	5.9	4.0	-1.9	341	323	-18	63	84	21	16	33
41.617	-69.900	Pollock Rip	68.0	85.4	17.4	-5.7	-12.4	-6.7	308	289	-19	75	56	-19	2	14
41.400	-69.917	Great Round	64.5	98.3	33.8	-19.3	-45.3	-26.0	364	355	-9	24	15	-9	2	22
41.617	-69.983	NSC	47.5	58.0	10.5	-8.3	-7.5	0.8	305	312	7	345	8	23	8	16
40.717	-70.017	I	34.2	34.2	0.0	-24.3	-28.1	-3.8	64	64	0	9	12	3	18	41
40.983	-70.067	NSE	41.8	61.8	20.0	-32.2	-36.6	-4.4	35	30	-5	59	26	-33	10	22
40.683	-70.133	NSFE1	28.1	35.4	7.3	-24.6	-32.7	-8.1	75	64	-11	7	8	1	10	46
40.683	-70.133	NSFE1	25.9	28.9	3.0	-22.3	-26.6	-4.3	50	50	0	18	19	1	30	46
40.500	-70.217	Q	19.9±1.3	19.8	-0.1	-15.9±1.6	-15.7	0.2	55±5	52	-3	35±5	34	-1	10	67
40.500	-70.217	Q	17.2±0.7	19.6	2.4	-13.5±0.8	-15.4	-1.9	57±3	50	-7	31±3	33	2	31	67
40.500	-70.217	Q	17.4±0.6	18.5	1.1	-13.3±1.0	-14.2	-0.9	49±5	47	-2	36±7	33	-3	51	67
40.500	-70.217	Q	16.7±0.9	17.7	1.0	-13.0±0.8	-13.4	-0.4	49±6	45	-4	26±5	33	7	57	67
40.500	-70.217	Q	10.0±0.4	13.9	3.9	-7.4±0.3	-10.5	-3.1	41±2	41	0	2±4	35	33	66	67
40.333	-70.267	NSFE3	11.7	11.8	0.1	-8.9	-9.3	-0.4	63	48	-15	43	41	-2	10	88
40.333	-70.267	NSFE3	11.8	11.9	0.1	-9.2	-9.4	-0.2	53	48	-5	38	41	3	30	88
40.333	-70.267	NSFE3	12.4	11.9	-0.5	-9.6	-9.3	0.3	51	46	-5	32	39	7	70	88
40.217	-70.300	NSFE4	11.3	10.0	-1.3	-9.6	-8.0	1.6	40	44	4	60	46	-14	10	105
40.217	-70.300	NSFE4	8.7	10.1	1.4	-7.4	-8.1	-0.7	54	44	-10	45	46	1	30	105
40.217	-70.300	NSFE4	8.1	10.2	2.1	-6.7	-8.2	-1.5	61	44	-17	31	45	14	60	105
40.217	-70.300	NSFE4	9.0	9.7	0.7	-6.9	-7.6	-0.7	41	41	0	45	44	-1	90	105
40.033	-70.367	NSFE5	3.4	3.2	-0.2	-2.7	-2.0	0.7	108	63	-45	27	23	-4	10	198
40.033	-70.367	NSFE5	2.8	3.2	0.4	-2.2	-2.0	0.2	92	63	-29	21	23	2	30	198
40.033	-70.367	NSFE5	3.4	3.2	-0.2	-2.5	-2.0	0.5	61	63	2	18	23	5	90	198
40.033	-70.367	NSFE5	4.5	3.2	-1.3	-3.8	-2.0	1.8	55	63	8	19	23	4	120	198
40.033	-70.367	NSFE5	4.5	3.2	-1.3	-3.6	-2.0	1.6	63	63	0	45	23	-22	185	198
40.483	-70.500	P	11.2±0.0	10.6	-0.6	-9.4±0.5	-9.0	0.4	38±6	40	2	29±3	33	4	61	71
40.483	-70.500	P	6.1±0.1	10.1	4.0	-5.1±0.2	-8.5	-3.4	16±11	38	22	16±5	33	17	70	71
40.300	-70.867	NES743	5.6	6.0	0.4	-5.4	-5.6	-0.2	71	62	-9	0	5	5	20	105
40.300	-70.867	NES743	5.1	6.1	1.0	-4.9	-5.7	-0.8	84	62	-22	348	4	16	60	105
40.583	-70.983	NES742	8.7	8.8	0.1	-8.2	-8.2	0.0	41	42	1	28	29	1	20	74
40.583	-70.983	NES742	8.0	8.7	0.7	-7.5	-8.0	-0.5	39	39	0	21	26	5	60	74
41.383	-71.000	Vineyard	23.4	19.4	-4.0	-8.7	-8.5	0.2	24	17	-7	17	27	10	2	33
41.450	-71.017	Hens&Chick	20.1	15.9	-4.2	-7.9	-7.1	0.8	43	41	-2	13	11	-2	2	18
40.467	-71.200	NES762	6.0	8.4	2.4	-5.5	-7.9	-2.4	358	32	34	60	31	-29	38	83
40.467	-71.200	NES762	6.5	6.3	-0.2	-5.4	-6.0	-0.6	11	17	6	31	39	8	73	83
40.933	-71.217	NES741	9.4	9.7	0.3	-9.0	-8.8	0.2	303	299	-4	135	136	1	28	58

41.433	-71.383	Brenton Reef	22.6	15.5	-7.1	0.1	-5.0	-5.1	289	287	-2	101	102	1	2	26
40.250	-71.850	P32	5.0	7.1	2.1	-3.3	-5.0	-1.7	50	54	4	327	338	11	70	75
40.017	-71.883	LI4	8.3	8.3	0.0	-5.3	-5.3	0.0	73	73	0	314	318	4	76	91
39.917	-71.967	NES762W	8.6	8.4	-0.2	-5.1	-5.4	-0.3	75	73	-2	320	318	-2	38	83
40.200	-72.000	LI3	8.5	9.1	0.6	-5.3	-6.2	-0.9	67	66	-1	333	335	2	3	67
40.200	-72.000	LT5	13.1±0.9	9.3	-3.8	-8.0±1.1	-6.3	1.7	66±20	66	0	328±10	334	6	21	67
40.200	-72.000	LT5	10.4±2.6	9.2	-1.2	-6.2±1.1	-6.3	-0.1	62±40	64	2	334±8	333	-1	41	67
40.200	-72.000	LT5	7.1±0.3	8.3	1.2	-3.7±0.1	-5.4	-1.7	63±4	61	-2	323±5	332	9	61	67
40.200	-72.000	LT5	4.6±0.3	6.9	2.3	-2.3±0.1	-4.4	-2.1	46±18	58	12	324±10	333	9	66	67
40.417	-72.133	LT2	8.7	10.4	1.7	-4.7	-6.4	-1.7	60	60	0	348	348	0	3	59
40.650	-72.250	P31	7.2	10.0	2.8	-1.6	-3.4	-1.8	43	43	0	359	0	1	42	47
40.567	-72.317	LT4	9.6±2.0	11.4	1.8	-3.9±2.0	-5.0	-1.1	67±0	55	-12	358±9	359	1	3	48
40.567	-72.317	LT4	15.8±2.7	11.5	-4.3	-6.4±1.2	-5.1	1.3	57±20	53	-4	358±7	357	-1	24	48
40.567	-72.317	LT4	11.2±1.0	10.6	-0.6	-4.1±1.0	-4.2	-0.2	64±5	48	-16	355±4	355	0	44	48
40.567	-72.317	LT4	5.0±0.3	9.6	4.6	-1.1±0.1	-3.7	-2.6	52±5	46	-6	354±1	356	2	51	48
40.567	-72.317	LT1	7.7	11.4	3.7	-2.8	-4.9	-2.1	72	52	-20	363	356	-7	33	48
40.783	-72.483	CMICE	10.2	12.4	2.2	-1.5	-2.7	-1.2	62	56	-6	357	9	12	4	29
40.783	-72.483	CMICE	10.5	12.2	1.8	-1.8	-2.5	-0.7	62	55	-7	351	9	18	8	29
40.783	-72.483	CMICE	9.6	11.6	2.0	-1.6	-1.9	-0.3	60	51	-9	344	8	24	16	29
40.783	-72.483	CMICE	7.1	8.4	1.3	0.0	-0.8	-0.8	39	44	5	338	9	31	25	29
39.950	-72.600	ME	7.1	9.1	2.0	-2.9	-4.3	-1.4	55	61	6	304	332	28	59	60
40.050	-72.700	30	15.4	12.7	-2.7	-8.2	-6.1	2.1	71	71	0	323	329	6	42	59
40.117	-72.917	LTM	12.3±1.5	13.4	1.1	5.2±0.3	-5.8	-11.0	99±2	81	-18	329±5	333	4	3	47
40.117	-72.917	LTM	11.5±0.5	12.5	1.0	3.9±0.3	-4.8	-8.7	106±14	75	-31	326±1	330	4	39	47
38.917	-72.967	NJ4	8.8	7.8	-1.0	-5.7	-5.3	0.4	70	75	5	338	323	-15	3	92
38.917	-72.967	NJ4	13.8	7.9	-5.9	-7.1	-5.3	1.8	87	77	-10	324	323	-1	43	92
38.917	-72.967	NJ4	1.1	7.9	6.8	0.6	-5.4	-6.0	49	77	28	296	324	28	91	92
39.450	-73.000	MA	7.3±1.3	11.9	4.6	-3.4±0.1	-7.4	-4.0	46±9	80	34	311±9	309	-2	58	59
39.267	-73.033	LT3	12.6	14.6	2.0	-6.8	-8.9	-2.1	92	85	-7	324	326	2	3	70
39.267	-73.033	LT3	15.4	14.6	-0.8	-7.8	-8.9	-1.1	85	85	0	330	325	-5	9	70
39.267	-73.033	LT3	18.1	14.6	-3.5	-9.7	-8.9	0.8	85	85	0	327	325	-2	19	70
39.267	-73.033	LT3	12.2	13.7	1.5	-6.7	-7.8	-1.1	101	82	-19	325	324	-1	58	70
39.917	-73.100	LT7	12.2	13.8	1.6	-4.1	-6.8	-2.7	91	84	-7	324	326	2	3	68
39.917	-73.100	LT7	10.5	10.6	0.1	-3.7	-4.4	-0.7	107	75	-32	319	323	4	58	68
39.917	-73.100	MESA7	19.1	13.9	-5.2	-6.7	-6.9	-0.2	83	84	1	335	325	-10	18	68
39.917	-73.100	MESA7	16.8	13.6	-3.2	-6.6	-6.5	0.1	79	81	2	331	323	-8	38	68
39.917	-73.100	MESA7	6.4	13.2	6.8	-1.2	-6.1	-4.9	96	80	-16	310	322	12	66	68
40.483	-73.183	Fire Is	6.7	14.4	7.7	-0.6	-1.5	-0.9	91	86	-5	354	354	0	2	29
39.150	-73.217	P12	9.6	11.9	2.3	-5.1	-6.4	-1.3	78	79	1	319	323	4	57	62
40.267	-73.217	28	12.0	11.9	-0.1	-2.9	-3.1	-0.2	90	89	-1	333	336	3	3	38
38.517	-73.233	MF	6.3±2.1	3.5	-2.8	-3.4±3.0	-2.3	1.1	106±38	109	3	300±19	326	26	15	234
38.517	-73.233	MF	2.3±0.8	3.7	1.4	-0.9±0.4	-2.5	-1.6	101±16	103	2	311±9	322	11	232	234
39.067	-73.333	NJ3	13.1	15.9	2.8	-7.9	-10.5	-2.6	90	90	0	318	322	4	47	62
40.433	-73.467	15	12.6	13.5	0.9	-1.2	-1.9	-0.7	87	87	0	342	337	-5	3	23
38.550	-73.517	MC	6.7	10.6	3.9	-3.1	-6.4	-3.3	70	96	26	309	310	1	79	80
39.633	-73.567	49	12.1	11.7	-0.4	-6.2	-5.4	0.8	73	80	7	311	318	7	27	35
38.733	-73.633	MB	15.8±1.3	16.5	0.7	-9.0±1.0	-8.2	0.8	97±3	95	-2	318±3	321	3	15	60
38.733	-73.633	MB	15.5±1.0	13.3	-2.2	-8.6±1.0	-6.1	2.5	87±4	88	1	315±0	323	8	45	60
38.733	-73.633	MB	13.8±0.6	11.5	-2.3	-7.4±0.7	-5.1	2.3	89±4	87	-2	314±5	323	9	50	60
38.733	-73.633	MB	13.3±0.3	14.3	1.0	-6.6±0.0	-6.6	0.0	77±7	90	13	316±0	322	6	54	60
38.733	-73.633	MB	7.3±1.3	13.8	6.5	-3.4±0.4	-6.3	-2.9	79±4	89	10	314±2	322	8	59	60

40.133	-73.633	LT6	9.4	10.0	0.6	-1.4	-2.6	-1.2	67	90	23	326	322	-4	3	70
40.133	-73.633	LT6	6.2	10.0	3.8	1.1	-2.6	-3.7	90	90	0	321	322	1	62	70
39.167	-73.683	NJ2	13.6	15.3	1.7	-7.2	-8.6	-1.4	91	91	0	322	323	1	3	38
39.400	-73.717	LT2	14.7±0.9	14.9	0.2	-7.8±1.2	-8.6	-0.8	96±1	90	-6	319±1	321	2	3	32
39.400	-73.717	LT2	20.3±0.7	14.4	-5.9	-11.3±1.5	-8.0	3.3	98±7	88	-10	321±6	320	-1	15	32
39.400	-73.717	LT2	13.7	13.7	0.0	-6.2	-7.3	-1.1	83	86	3	314	320	6	23	32
39.283	-73.917	P11	9.8	9.8	0.0	-4.0	-4.3	-0.3	77	80	3	319	328	9	28	33
39.767	-73.933	Barnegat	2.7	7.2	4.5	-0.9	-2.4	-1.5	106	95	-11	308	309	1	2	24
38.983	-74.033	MD	6.8±0.6	7.6	0.8	-2.2±1.1	-2.9	-0.7	64±15	82	18	317±6	331	14	40	41
39.467	-74.250	L Egg Inlet	8.0	8.7	0.7	-3.5	-4.2	-0.7	125	82	-43	328	335	7	5	12
39.467	-74.250	L Egg Inlet	5.1	8.2	3.1	-1.0	-3.7	-2.7	98	80	-18	324	334	10	10	12
40.850	-67.550	ST1	43.2	46.4	3.2	-28.3	-31.8	-3.5	42	4	-38	144	120	-24	5	76
40.850	-67.550	ST1	43.4	46.4	3.0	-28.3	-31.7	-3.4	43	4	-39	150	119	-31	7	76
40.850	-67.550	ST1	43.4	46.3	2.9	-28.4	-31.6	-3.2	44	4	-40	151	119	-32	10	76
40.850	-67.550	ST1	43.0	46.1	3.1	-28.2	-31.4	-3.2	43	3	-40	148	119	-29	14	76
40.850	-67.550	ST1	43.4	45.9	2.5	-28.5	-31.1	-2.6	44	3	-41	145	119	-26	19	76
40.850	-67.550	ST1	42.3	45.2	2.9	-27.6	-30.3	-2.7	45	2	-43	153	118	-35	31	76
40.850	-67.550	ST1	42.3	44.8	2.5	-27.4	-29.8	-2.4	46	2	-44	154	118	-36	37	76
40.850	-67.550	ST1	43.8	43.9	0.1	-27.0	-28.9	-1.9	140	139	-1	152	118	-34	45	76
40.850	-67.550	ST1	36.3	39.5	3.2	-22.6	-25.4	-2.8	324	357	33	159	118	-41	64	76
40.850	-67.550	ST1	32.3	35.6	3.3	-20.7	-22.8	-2.1	324	356	32	151	119	-32	70	76
40.850	-67.550	ST1	23.8	32.5	8.7	-15.4	-20.8	-5.4	327	355	28	155	119	-36	75	76
42.050	-69.683	1	30.5±1.1	24.1	-6.4	4.4±0.7	3.5	-0.9	391±1	355	-36	147±1	122	-25	111	207
41.717	-69.400	2	21.9±0.8	33.5	11.6	1.9±0.3	3.9	2.0	8±0	6	-2	141±1	119	-22	111	165
41.467	-69.083	3	45.4±1.6	45.2	-0.2	-6.0±1.0	-4.8	1.2	17±0	16	-1	77±1	95	18	111	146
41.467	-68.783	4	39.4±1.4	40.1	0.7	-8.2±1.4	-7.2	1.0	12±0	16	4	84±1	92	8	111	143
41.683	-68.650	5	26.5±0.9	28.3	1.8	-3.9±0.6	-4.0	-0.1	42±1	17	-25	79±1	94	15	111	164
Average abs. deviation					4.5			2.9			9.3			8.4		
Standard deviation					7.7			4.8			14.2			12.2		