

Table B3: Comparison between calculated and observed S₂ tidal ellipse parameters

Latitude (Deg)	Longitude (Deg)	Station	U _{major} (cm/s)			U _{minor} (cm/s)			Orien (Deg)			Phase (Deg)			Depth (m)	Bottom (m)
			Obs.	Cal.	Diff	Obs.	Cal.	Diff	Obs.	Cal.	Diff	Obs.	Cal.	Diff		
42.343	-70.758	BLS 1	2.8±0.0	1.5	-1.3	-0.6±0.4	0.2	0.9	219±45	220	1	21±11	8	-13	22	30
42.343	-70.758	BLS 1	4.7	1.0	-3.7	3.7	0.3	-3.4	185	213	28	33	11	-22	30	30
42.340	-70.590	STB 8	1.6±0.7	1.3	-0.3	0.2±0.3	0.6	0.4	201±85	219	18	8±108	7	-1	34	65
42.417	-70.583	FA 16	2.0	1.4	-0.6	0.7	0.5	-0.2	250	232	-18	68	41	-27	32	84
42.417	-70.583	FA 16	1.2	1.4	0.2	0.3	0.5	0.2	232	230	-2	42	39	-3	62	84
41.910	-70.227	CCB 21	1.5	1.7	0.2	0.3	0.3	0.0	35	37	2	294	295	1	29	30
41.975	-70.397	CCE 22	3.0	3.2	0.2	0.0	0.0	0.0	71	61	-10	271	271	0	6	46
41.977	-70.403	CCE 22	2.9±0.1	2.7	-0.2	0.2±0.2	0.2	0.0	61±02	58	-3	268±03	266	-2	24	47
41.977	-70.403	CCE 22	2.6±0.1	2.5	-0.1	0.3±0.3	0.4	0.1	56±04	52	-4	265±05	265	0	40	47
41.977	-70.403	CCE 22	1.9±0.1	1.9	0.0	0.2±0.1	0.4	0.2	47±05	49	2	264±01	266	2	46	47
42.393	-70.907	A 23	3.2±0.4	1.6	-1.6	-0.3±0.5	0.0	0.3	246±02	233	-13	34±03	25	-9	8	24
42.393	-70.907	A 23	1.8±0.0	1.2	-0.6	0.1±0.4	0.2	0.1	211±15	221	10	24±12	24	0	23	24
42.343	-70.802	B 24	1.0±0.4	1.7	0.7	0.2±0.1	0.1	-0.2	206±73	221	15	7±79	4	-3	8	37
42.343	-70.802	B 24	1.3±0.1	1.7	0.4	0.3±0.0	0.0	-0.3	206±116	221	15	358±119	4	6	36	37
42.393	-70.662	C 25	1.8±0.5	1.4	-0.4	-0.3±1.1	0.3	0.6	249±29	230	-19	23±19	15	-8	8	72
42.393	-70.662	C 25	1.0±0.1	1.3	0.3	0.4±0.3	0.4	0.0	220±06	219	-1	16±01	9	-7	71	72
42.390	-70.898	2 29	2.5±0.6	1.5	-1.0	-0.1±0.4	0.2	0.3	258±24	240	-18	31±08	30	-1	9	23
42.390	-70.898	2 29	2.4±0.3	1.3	-1.1	0.2±1.1	0.3	0.1	226±21	232	6	359±08	29	30	17	23
42.333	-70.842	3 30	2.0±0.7	1.9	-0.1	0.5±0.4	0.1	-0.4	235±14	231	-4	21±26	21	0	9	23
42.333	-70.842	3 30	2.1±0.5	1.4	-0.7	0.8±0.4	0.2	-0.6	209±25	223	14	356±18	22	26	17	23
42.378	-70.785	5 32	2.0±0.7	1.8	-0.2	-0.4±0.8	0.0	0.4	237±37	226	-11	357±19	8	11	14	34
42.378	-70.785	5 32	2.8	1.7	-1.1	-0.2	0.1	0.3	228	221	-7	338	7	29	22	34
42.378	-70.785	5 32	2.0±0.4	1.5	-0.5	-0.5±0.4	0.2	0.7	219±27	217	-2	342±36	8	26	27	34
42.452	-70.825	6 33	2.1±0.3	1.2	-0.9	-0.4±0.9	0.1	0.5	269±39	238	-31	10±02	32	22	11	37
42.452	-70.825	6 33	2.0	1.1	-0.9	-0.6	0.2	0.8	251	235	-16	60	33	-27	31	37
42.317	-70.777	7 34	2.1±0.4	1.5	-0.6	-0.3±0.8	0.2	0.5	204±33	223	19	38±54	9	-29	9	27
42.328	-70.767	7 34	1.7±0.6	1.6	-0.1	-0.1±0.2	0.2	0.2	211±118	216	5	354±143	3	9	17	27
42.317	-70.777	7 34	2.7±0.4	1.7	-1.0	0.4±0.6	0.1	-0.3	224±40	224	0	354±02	8	14	18	27
42.342	-70.937	9 35	6.8±0.6	2.0	-4.8	-0.2±0.6	0.0	0.2	255±05	239	-16	30±10	32	2	9	15
42.317	-70.900	10 36	6.9±1.5	2.1	-4.8	-0.5±0.2	-0.1	0.4	233±10	233	0	7±20	19	12	7	12
43.367	-62.667	SS3	5.4±2.0	4.5	-0.9	-2.7±1.4	-3.0	-0.3	323±43	296	-27	121±24	99	-22	20	99
43.367	-62.667	SS3	3.8±1.1	4.3	0.5	-2.2±0.8	-2.8	-0.6	298±18	296	-2	102±17	99	-3	50	99
43.367	-62.667	SS3	3.4	3.4	0.0	-1.3	-2.1	-0.8	312	294	-18	104	102	-2	81	99
43.367	-62.667	SS3	0.6	4.1	3.5	-0.5	-2.5	-2.0	336	295	-41	67	100	33	91	99
43.367	-62.667	SS3	3.1±0.4	3.8	0.7	-1.7±0.6	-2.3	-0.6	278±18	294	16	110±10	101	-9	95	99
43.033	-62.900	SS7	2.8	4.4	1.6	-1.2	-2.6	-1.4	310	309	-1	118	93	-25	50	125
43.033	-62.900	SS7	1.6	4.2	2.6	-0.4	-2.3	-1.9	334	307	-27	115	92	-23	118	125
43.750	-62.983	SS2	1.3±1.4	1.4	0.1	-0.5±0.5	-0.3	0.2	260±63	300	40	86±50	89	3	20	278
43.750	-62.983	SS2	1.4±0.7	1.4	0.0	-0.2±0.4	-0.3	-0.1	319±47	300	-19	87±45	89	2	50	278
43.750	-62.983	SS2	1.3±0.6	1.4	0.1	-0.5±0.1	-0.3	0.2	302±21	300	-2	79±29	90	11	95	278
43.750	-62.983	SS2	1.3±0.6	1.4	0.1	-0.4±0.5	-0.3	0.1	319±29	300	-19	110±09	90	-20	250	278
43.250	-63.367	SS6	4.1	3.3	-0.8	-1.9	-1.8	0.1	335	306	-29	93	102	9	50	135
43.250	-63.367	SS6	4.1	3.0	-1.1	-1.3	-1.6	-0.3	276	302	26	117	101	-16	130	135
44.433	-63.483	SS1	1.5±0.4	0.6	-0.9	-0.5±0.4	0.0	0.5	245±45	263	18	30±27	25	-5	14	101
44.433	-63.483	SS1	0.6±0.2	0.6	0.0	0.0±0.3	0.0	0.0	266±66	266	0	46±18	28	-18	95	101
42.817	-63.500	S1	3.9±1.2	2.6	-1.3	-1.7±1.7	-1.7	0.0	345±61	323	-22	85±24	98	13	20	240
42.817	-63.500	S1	2.3±1.1	2.6	0.3	-1.7±0.8	-1.7	0.0	338±14	323	-15	95±10	98	3	50	240

42.817	-63.500	S1	0.9	2.7	1.8	0.1	-1.7	-1.8	293	323	30	127	98	-29	100	240
42.817	-63.500	S1	1.2±0.3	2.7	1.5	-0.5±0.6	-1.7	-1.2	338±34	323	-15	120±10	98	-22	150	240
42.817	-63.500	S1	1.9±0.3	2.3	0.4	-1.0±0.7	-1.4	-0.4	331±27	321	-10	135±04	98	-37	230	240
43.000	-63.500	S6	2.1	3.7	1.6	-1.4	-2.0	-0.6	317	316	-1	89	100	11	20	170
43.000	-63.500	S6	2.8±0.5	3.8	1.0	-2.0±0.3	-2.1	-0.1	339±02	316	-23	86±03	99	13	50	170
43.000	-63.500	S6	2.3	3.7	1.4	-1.2	-2.0	-0.8	357	313	-44	106	97	-9	100	170
43.000	-63.500	S6	1.6±0.2	3.4	1.8	-0.5±0.1	-1.7	-1.2	336±27	311	-25	91±02	97	6	153	170
44.283	-63.767	SS13	1.1	0.8	-0.3	0.4	-0.1	-0.5	300	311	11	126	128	2	14	98
44.283	-63.767	SS13	0.8	0.8	0.0	-0.2	-0.1	0.1	343	308	-35	135	125	-10	89	98
44.283	-63.767	SS13	0.6	0.8	0.2	0.3	-0.1	-0.4	309	308	-1	123	125	2	95	98
44.417	-63.950	SS12	2.5±1.0	1.1	-1.4	-0.9±1.0	-0.2	0.7	123±27	92	-31	324±24	333	9	14	60
44.417	-63.950	SS12	1.2	1.2	0.0	0.1	-0.2	-0.3	56	90	34	341	330	-11	20	60
44.417	-63.950	SS12	0.6	1.0	0.4	-0.2	-0.1	0.1	98	85	-13	340	328	-12	54	60
42.767	-64.000	S2	3.0	2.3	-0.7	-2.0	-1.5	0.5	276	318	42	119	111	-8	30	240
42.767	-64.000	S2	3.3±0.6	2.3	-1.0	-1.7±0.7	-1.5	0.2	280±57	318	38	110±07	111	1	50	240
42.767	-64.000	S2	2.6±0.9	2.3	-0.3	-0.6±0.9	-1.5	-0.9	316±67	317	1	94±02	111	17	220	240
43.567	-65.100	C5	2.6	1.8	-0.8	-0.4	0.2	0.6	121	149	28	355	18	23	15	60
43.567	-65.100	C5	2.3	1.8	-0.5	1.2	0.3	-0.9	142	147	5	47	18	-29	30	60
43.567	-65.100	C5	1.4	1.2	-0.2	0.2	0.3	0.1	117	143	26	43	19	-24	50	60
43.183	-65.717	C1	12.5	14.9	2.4	-3.2	-0.9	2.3	347	358	11	170	162	-8	15	60
43.183	-65.717	C1	9.8	13.9	4.1	-0.4	-0.5	-0.1	321	357	36	185	163	-22	30	60
43.183	-65.717	C1	6.0	8.8	2.8	1.0	0.0	-1.0	333	354	21	166	165	-1	50	60
42.833	-65.833	C3	7.7	10.0	2.3	0.3	-1.6	-1.9	174	208	34	333	333	0	15	110
42.833	-65.833	C3	9.1	10.0	0.9	-1.6	-1.4	0.2	70	27	-43	155	152	-3	50	110
42.833	-65.833	C3	6.1	9.3	3.2	-1.7	-0.9	0.8	350	22	32	155	151	-4	100	110
42.367	-65.933	NEC1	9.2±0.9	9.0	-0.2	-2.7±1.0	-2.8	-0.1	38±03	31	-7	141±05	143	2	103	223
42.367	-65.933	NEC1	9.7±1.3	8.9	-0.8	-3.4±1.3	-2.6	0.8	37±05	29	-8	135±04	142	7	153	223
42.367	-65.933	NEC1	6.8±0.8	8.0	1.2	-1.2±1.8	-2.0	-0.8	24±03	25	1	125±13	142	17	207	223
42.300	-65.967	NEC2	8.5±0.8	9.1	0.6	-1.9±0.0	-2.8	-0.9	36±04	35	-1	129±04	144	15	106	240
42.300	-65.967	NEC2	9.0±1.2	9.1	0.1	-3.1±1.7	-2.7	0.4	35±02	34	-1	138±06	143	5	156	240
42.300	-65.967	NEC2	8.6±3.7	8.6	0.0	-3.4±2.8	-2.2	1.2	10±49	30	20	123±02	142	19	217	240
42.183	-66.033	NEC3	10.6±0.5	10.4	-0.2	-2.6±1.0	-3.3	-0.7	41±07	36	-5	140±11	143	3	112	228
42.183	-66.033	NEC3	10.8±2.9	10.2	-0.6	-4.1±2.2	-3.1	1.0	43±04	35	-8	128±00	142	14	162	228
42.183	-66.033	NEC3	6.8±1.3	8.8	2.0	-0.6±1.7	-2.4	-1.8	25±08	30	5	118±05	142	24	212	228
43.183	-69.083	CASHES LEDGE	3.1	2.2	-0.9	2.0	0.4	-1.6	49	45	-4	115	115	0	33	190
43.183	-69.083	CASHES LEDGE	0.7	2.2	1.5	0.2	0.4	0.2	61	45	-16	149	115	-34	68	190
43.183	-69.083	CASHES LEDGE	2.2	2.2	0.0	0.1	0.4	0.3	14	45	31	112	115	3	180	190
43.667	-69.383	MONHEGAN	0.9	1.3	0.4	-0.3	0.4	0.7	30	33	3	107	87	-20	33	98
43.667	-69.383	MONHEGAN	1.3	1.3	0.0	0.6	0.4	-0.2	1	33	32	92	87	-5	68	98
43.217	-70.283	C.PORPOISE	0.8	1.0	0.2	0.1	0.3	0.2	29	17	-12	77	98	21	33	98
43.217	-70.283	C.PORPOISE	1.0	1.0	0.0	0.3	0.3	0.0	345	16	31	98	98	0	68	98
42.333	-70.750	BOSTON L.S	0.8	1.7	0.9	0.1	0.1	-0.1	216	226	10	6	8	2	2	33
45.133	-65.133	BED65	16.1	21.6	5.5	0.2	0.4	0.2	68	68	0	38	36	-2	25	62
45.417	-65.117	BED66	11.1	17.0	5.9	0.4	-0.1	-0.5	64	66	2	30	39	9	25	38
45.217	-65.233	BED64	18.2	19.9	1.7	1.4	-1.1	-2.5	66	76	10	31	37	6	10	50
45.217	-65.233	BED64	15.3	18.5	3.2	0.0	-0.6	-0.6	72	74	2	31	38	7	25	50
45.317	-65.333	BED63	13.8	16.5	2.7	0.0	0.3	0.3	67	64	-3	29	38	9	25	50
44.650	-66.033	BED62	16.7	17.0	0.3	1.9	-0.6	-2.5	63	59	-4	22	43	21	13	90
44.817	-66.200	BED61	12.5	14.6	2.1	1.1	-0.9	-2.0	66	62	-4	18	41	23	13	107
44.817	-66.200	BED61	13.4	14.3	0.9	0.8	-0.4	-1.2	62	61	-1	23	40	17	50	107
45.000	-66.400	BED60	10.9	11.2	0.3	0.8	-0.7	-1.5	73	64	-9	30	31	1	13	84

41.700	-66.600	L	10.2±0.5	11.3	1.1	-7.0±0.3	-7.1	-0.1	44±05	45	1	120±04	120	0	51	66
42.200	-66.683	P4	7.4	8.0	0.6	-2.7	-2.6	0.1	221	216	-5	321	325	4	79	219
42.200	-66.683	P4	7.1	7.8	0.7	-1.4	-2.2	-0.8	31	36	5	137	143	6	129	219
42.033	-66.683	P5	13.6	15.0	1.4	-8.3	-7.5	0.8	69	45	-24	115	120	5	19	71
42.033	-66.683	P5	9.7	13.8	4.1	-6.0	-6.8	-0.8	34	42	8	112	120	8	44	71
41.883	-66.683	P6	12.6±0.5	14.1	1.5	-6.6±0.7	-9.1	-2.5	30±02	45	15	111±04	120	9	11	70
41.883	-66.683	P6	10.8±0.3	13.5	2.7	-6.5±0.0	-8.6	-2.1	43±01	44	1	115±04	120	5	26	70
41.883	-66.683	P6	9.6±0.5	13.1	3.5	-6.1±0.5	-8.3	-2.2	73±01	43	-30	122±00	121	-1	36	70
40.933	-66.967	M4	4.3±2.7	6.6	2.3	-3.0±2.0	-5.1	-2.1	5±37	40	35	155	125	-30	10	77
40.933	-66.967	M4	6.1±1.3	6.4	0.3	-4.9±1.7	-4.9	0.0	62±15	39	-23	112	124	12	36	77
40.933	-66.967	M4	1.9±2.4	5.6	3.7	-0.9±1.7	-4.2	-3.3	40±79	34	-6	113	125	12	69	77
42.200	-67.250	P1	7.9	5.8	-2.1	-2.9	-1.2	1.7	234	216	-18	354	328	-26	30	203
42.200	-67.250	P1	5.6	5.8	0.2	-2.4	-1.1	1.3	215	216	1	356	328	-28	40	203
42.200	-67.250	P1	7.0	5.8	-1.2	0.6	-1.0	-1.6	186	216	30	316	327	11	75	203
42.050	-67.250	P2	16.6±1.1	17.1	0.5	-4.2±0.3	-6.7	-2.5	33±05	39	6	120±06	118	-2	14	50
42.050	-67.250	P2	11.1	15.0	3.9	-3.2	-5.8	-2.6	20	36	16	114	118	4	30	50
41.883	-67.250	P3	14.0	15.7	1.7	-5.7	-8.5	-2.8	20	44	24	103	112	9	15	45
41.883	-67.250	P3	12.8	14.4	1.6	-5.1	-7.6	-2.5	21	43	22	113	113	0	30	45
41.883	-67.250	P3	27.2	13.5	-13.7	-13.4	-7.1	6.3	37	42	5	85	113	28	40	45
41.333	-67.267	M3	9.1±1.0	10.3	1.2	-6.1±0.9	-7.6	-1.5	46±06	46	0	109	110	1	36	44
40.900	-67.400	M9	5.2±1.5	5.8	0.6	-2.8±1.0	-3.8	-1.0	59±17	32	-27	115	121	6	71	79
40.850	-67.400	A	4.7±0.8	6.8	2.1	-2.6±0.9	-4.7	-2.1	33±23	38	5	119±22	120	1	15	85
40.850	-67.400	A	5.7±0.5	6.5	0.8	-3.7±0.6	-4.4	-0.7	35±10	35	0	120±11	120	0	45	85
40.850	-67.400	A	4.7±0.6	5.4	0.7	-2.7±0.7	-3.5	-0.8	22±11	31	9	115±09	120	5	75	85
40.850	-67.400	A	3.8±0.2	4.8	1.0	-2.2±0.3	-3.1	-0.9	18±06	30	12	106±13	120	14	84	85
41.400	-67.567	C	9.7±0.3	14.8	5.1	-6.7±0.2	-10.0	-3.3	40±05	40	0	111±01	111	0	15	38
41.067	-67.567	K	7.2±0.6	10.9	3.7	-3.6±1.6	-7.2	-3.6	56±09	40	-16	111±07	118	7	10	64
41.067	-67.567	K	7.3±1.0	10.7	3.4	-4.7±0.7	-7.1	-2.4	44±11	39	-5	117±10	118	1	15	64
41.067	-67.567	K	7.2±0.6	9.8	2.6	-3.6±1.6	-6.3	-2.7	56±09	37	-19	111±07	119	8	34	64
41.067	-67.567	K	6.7±0.8	6.4	-0.2	-4.2±0.8	-4.1	0.1	36±10	34	-2	112±07	119	7	54	64
41.067	-67.567	K	6.3±0.1	6.4	0.1	-3.9±0.3	-4.1	-0.2	34±03	34	0	114±06	119	5	58	64
41.067	-67.567	K	4.8±0.4	6.4	1.6	-3.1±0.3	-4.1	-1.0	30±05	34	4	109±07	119	10	60	64
41.983	-67.783	D	7.4±1.0	6.9	-0.5	-4.2±1.3	-3.8	0.4	32±08	30	-2	139±06	131	-8	15	84
40.850	-68.817	M	11.9±0.8	12.3	0.4	-3.9±0.3	-4.9	-1.0	64±06	66	2	85±05	92	7	10	66
40.850	-68.817	M	10.0±0.9	10.9	0.9	-3.0±0.2	-3.8	-0.8	62±04	62	0	95±01	93	-2	51	66
40.817	-69.000	B	9.5±0.7	9.6	0.1	-2.6±0.6	-3.6	-1.0	65±03	65	0	90±05	85	-5	58	78
40.850	-69.017	GSC2	9.8	12.0	2.2	-3.9	-4.3	-0.4	101	72	-29	82	82	0	10	83
40.850	-69.017	GSC2	8.9	11.3	2.4	-2.2	-3.7	-1.5	113	70	-43	92	82	-10	42	83
40.850	-69.017	GSC2	4.8	8.4	3.6	-2.7	-2.5	0.2	69	66	-3	95	83	-12	76	83
40.850	-69.017	N	10.2±0.6	10.0	-0.2	-3.0±0.5	-3.0	0.0	70±04	67	-3	78±02	83	5	68	83
40.500	-69.117	R	5.0±0.5	6.3	1.3	-2.3±0.9	-2.9	-0.6	70±06	70	0	61±08	75	14	79	80
40.867	-69.183	GSC1	8.2	13.0	4.8	-1.7	-4.6	-2.9	29	63	34	79	72	-7	27	64
40.867	-69.183	GSC1	7.4	11.3	3.9	-1.1	-3.7	-2.6	26	60	34	70	74	4	49	64
40.567	-67.750	LCA	5.6±0.3	5.3	-0.3	-3.0±0.7	-3.3	-0.3	24±06	34	10	108±11	112	4	80	100
40.567	-67.750	LCA	2.6±1.3	4.4	1.8	-0.9±0.5	-2.8	-1.9	353±100	32	39	91±68	112	21	99	100
40.533	-67.717	LCB	4.3±0.6	4.1	-0.2	-2.4±0.8	-2.5	0.0	34±32	36	2	97±30	115	18	92	282
40.533	-67.717	LCB	2.4±1.0	4.1	1.7	0.4±0.2	-2.4	-2.8	71±90	36	-35	117±08	115	-2	227	282
40.533	-67.717	LCB	2.9±0.9	4.1	1.2	-0.1±0.2	-2.4	-2.3	61±90	36	-25	124±09	115	-9	277	282
40.483	-67.733	LCC	2.5±0.9	2.9	0.4	-1.4±0.8	-2.1	-0.7	21±20	32	11	95±33	111	16	134	184
40.483	-67.683	LCD	4.1±0.9	3.2	-0.9	-2.0±0.9	-1.9	0.1	42±19	43	1	84±10	102	18	143	193
40.383	-67.550	LCI	3.3±0.9	1.5	-1.8	-1.0±1.5	-1.1	-0.1	30±44	35	5	94±49	112	18	10	250

40.383	-67.550	LCI	2.2±0.8	1.5	-0.7	-1.4±0.9	-1.1	0.3	40±48	35	-5	122±33	112	-10	55	250
40.383	-67.550	LCI	2.4±1.4	1.5	-0.9	-1.3±1.2	-1.1	0.2	74±73	35	-39	115±69	113	-2	195	250
40.383	-67.550	LCI	1.7±1.0	1.5	-0.2	-0.8±0.7	-1.1	-0.3	358±99	34	36	100±57	112	12	245	250
40.533	-67.600	LCL	5.1±0.9	4.0	-1.1	-3.1±0.7	-2.9	0.2	56±48	38	-18	98±58	112	14	65	125
40.533	-67.600	LCL	4.8±1.0	3.8	-1.0	-3.0±0.6	-2.7	0.3	19±51	34	15	107±52	111	4	105	125
40.500	-67.817	LCM	3.7±1.5	4.1	0.4	-2.5±1.9	-2.7	-0.2	31±44	34	3	89±31	111	22	103	123
40.500	-67.817	LCM	2.3±0.5	3.7	1.4	-1.1±1.0	-2.4	-1.3	20±46	32	12	94±30	111	17	119	123
40.617	-69.617	NANTUCKET LS	6.4±1.0	5.9	-0.5	-4.2±1.1	-3.6	0.6	90±04	82	-8	50±04	49	-1	2	55
41.517	-69.600	NSA	16.3	12.9	-3.4	-2.5	-1.5	1.0	13	16	3	86	86	0	5	33
41.517	-69.600	NSA	9.4	11.1	1.7	-0.2	-0.9	-0.7	44	13	-31	91	87	-4	25	33
41.433	-69.733	NSB	4.8	14.0	9.2	-1.6	-4.0	-2.4	340	5	25	79	76	-3	10	22
41.617	-69.733	NSD	4.3	8.1	3.8	-2.2	0.7	2.9	402	359	-43	112	85	-27	16	33
41.617	-69.900	POLLOCK RIP	7.7	13.2	5.5	-0.8	-2.1	-1.3	323	325	2	71	56	-15	2	14
41.400	-69.917	GREAT ROUND	12.7	16.0	3.3	-3.3	-6.7	-3.4	33	31	-2	21	13	-8	2	22
41.617	-69.983	NSC	2.1	6.4	4.3	0.3	-0.5	-0.8	23	6	-17	333	12	39	8	16
40.717	-70.017	I	6.3	7.1	0.8	-3.3	-4.3	-1.0	93	93	0	359	2	3	18	41
40.983	-70.067	NSE	7.2	9.4	2.2	-3.5	-6.0	-2.5	101	58	-43	43	27	-16	10	22
40.683	-70.133	NSFE1	3.2	4.0	0.8	-1.7	-3.2	-1.5	140	100	-40	3	5	2	10	46
40.683	-70.133	NSFE1	2.5	3.7	1.2	-1.2	-2.9	-1.7	135	95	-40	24	7	-17	30	46
40.500	-70.217	Q	3.0±1.1	2.8	-0.2	-2.2±0.9	-2.3	-0.1	88±21	92	4	11±20	8	-3	10	67
40.500	-70.217	Q	2.8±0.5	2.6	-0.2	-2.0±0.4	-2.2	-0.2	92±19	92	0	13±18	7	-6	31	67
40.500	-70.217	Q	2.9±0.5	2.4	-0.5	-2.1±0.6	-2.0	0.1	95±26	88	-7	1±27	9	8	51	67
40.500	-70.217	Q	2.4±0.5	2.3	-0.1	-1.5±0.7	-1.9	-0.4	82±43	86	4	10±48	10	0	57	67
40.500	-70.217	Q	1.8±0.2	2.2	0.4	-1.2±0.2	-1.8	-0.6	74±15	85	11	345±08	11	26	66	67
40.333	-70.267	NSFE3	2.2	1.9	-0.3	-1.0	-1.5	-0.5	66	92	26	358	9	11	10	88
40.333	-70.267	NSFE3	1.0	1.9	0.9	-0.3	-1.5	-1.2	47	91	44	353	9	16	30	88
40.333	-70.267	NSFE3	0.9	1.7	0.8	-0.1	-1.4	-1.2	96	88	-8	325	9	44	70	88
40.217	-70.300	NSFE4	2.9	1.3	-1.6	-2.4	-1.0	1.4	119	87	-32	9	11	2	10	105
40.217	-70.300	NSFE4	0.8	1.3	0.5	-0.1	-1.0	-0.9	67	87	20	349	11	22	30	105
40.217	-70.300	NSFE4	0.8	1.3	0.5	0.4	-1.0	-1.4	110	86	-24	47	11	-36	60	105
40.217	-70.300	NSFE4	1.0	1.2	0.2	-0.3	-0.9	-0.6	83	84	1	328	9	41	90	105
40.033	-70.367	NSFE5	1.5	0.4	-1.1	-0.1	-0.2	-0.1	56	89	33	318	346	28	10	198
40.033	-70.367	NSFE5	1.1	0.4	-0.7	-0.1	-0.2	-0.1	45	89	44	312	346	34	30	198
40.033	-70.367	NSFE5	0.9	0.4	-0.5	-0.3	-0.2	0.1	113	89	-24	325	346	21	90	198
40.033	-70.367	NSFE5	1.1	0.4	-0.7	-0.6	-0.2	0.4	48	89	41	345	346	1	120	198
40.033	-70.367	NSFE5	1.4	0.4	-1.0	-0.5	-0.2	0.3	49	89	40	348	346	-2	185	198
40.483	-70.500	P	1.9±0.5	1.9	0.0	-1.2±0.6	-1.6	-0.4	80±43	84	4	359±38	7	8	61	71
40.483	-70.500	P	1.1±0.3	1.6	0.5	-0.8±0.8	-1.4	-0.6	50±05	83	33	41±66	8	-33	70	71
40.300	-70.867	NES743	1.4	1.2	-0.2	-1.0	-1.0	0.0	76	118	42	357	326	-31	20	105
40.300	-70.867	NES743	0.4	1.2	0.9	-0.1	-1.0	-0.9	73	117	44	358	325	-33	60	105
40.583	-70.983	NES742	1.0	1.8	0.8	0.0	-1.5	-1.5	186	185	-1	246	259	13	20	74
40.583	-70.983	NES742	1.2	1.5	0.3	-0.4	-1.3	-0.9	186	195	9	257	241	-16	60	74
41.450	-71.017	HENS & CHICK	5.1	3.2	-1.9	-1.6	-1.8	-0.2	53	49	-4	19	18	-1	2	18
40.467	-71.200	NES762	1.8	1.6	-0.2	-0.8	-1.3	-0.5	111	117	6	300	309	9	38	88
40.467	-71.200	NES762	1.2	1.2	0.0	-0.4	-0.9	-0.5	90	112	22	307	307	0	78	88
40.933	-71.217	NES741	1.2	1.7	0.5	-0.7	-1.1	-0.4	381	350	-31	110	103	-7	28	58
41.433	-71.383	BRENTON REEF	5.4	4.4	-1.0	-0.4	-0.8	-0.4	308	308	0	93	96	3	2	26
39.917	-71.967	NES762W	2.1	2.4	0.3	-1.1	-1.7	-0.6	108	100	-8	298	301	3	38	83
40.200	-72.000	LT5	2.5±1.3	2.2	-0.3	-1.6±0.6	-1.7	-0.1	96±05	95	-1	329±09	322	-7	21	67
40.200	-72.000	LT5	2.2±1.2	2.2	0.0	-1.5±1.2	-1.6	-0.1	108±27	92	-16	315±16	321	6	41	67
40.200	-72.000	LT5	2.1±0.1	1.9	-0.2	-0.9±0.2	-1.3	-0.4	72±02	88	16	321±18	321	0	61	67

40.200	-72.000	LT5	1.2±0.5	1.8	0.6	-0.6±0.2	-1.3	-0.7	63±05	88	25	319±12	321	2	66	67
40.567	-72.317	LT4	2.1±0.8	2.3	0.2	-0.8±0.2	-1.1	-0.3	42±50	81	39	338±18	351	13	3	52
40.567	-72.317	LT4	3.7±1.2	2.3	-1.4	-1.8±1.1	-1.1	0.7	67±34	78	11	347±21	349	2	24	52
40.567	-72.317	LT4	2.6±0.5	2.1	-0.5	-1.3±0.4	-0.9	0.4	80±28	73	-7	343±08	348	5	44	52
40.567	-72.317	LT4	1.5±0.6	1.9	0.4	-0.7±0.9	-0.9	-0.2	85±04	72	-13	349±01	349	0	51	52
40.783	-72.817	CMICE	1.3	2.3	1.0	-0.5	-1.1	-0.6	42	77	35	338	358	20	4	29
40.783	-72.817	CMICE	1.4	2.3	0.9	-0.4	-1.0	-0.6	67	73	6	347	355	8	8	29
40.783	-72.817	CMICE	1.2	1.7	0.5	-0.5	-0.7	-0.2	80	66	-14	343	355	12	16	29
40.783	-72.817	CMICE	0.4	1.8	1.4	-0.2	-0.7	-0.5	85	67	-18	349	355	6	25	29
39.950	-72.600	ME	1.7	2.3	0.6	-0.7	-1.2	-0.5	91	92	1	302	318	16	59	60
38.917	-72.967	NJ4	3.2	1.5	-1.7	-1.8	-1.1	0.7	119	108	-11	297	297	0	3	92
38.917	-72.967	NJ4	3.1	1.5	-1.6	-0.7	-1.1	-0.4	107	109	2	291	298	7	43	92
38.917	-72.967	NJ4	0.8	1.4	0.6	-0.2	-1.1	-0.9	124	111	-13	345	300	-45	91	92
39.450	-73.000	MA	2.0±0.5	2.7	0.7	-1.0±0.8	-1.5	-0.5	90±18	101	11	305±17	305	0	58	59
39.267	-73.033	LT3	2.2	3.7	1.5	-0.5	-2.2	-1.7	133	116	-17	323	319	-4	9	70
39.267	-73.033	LT3	2.2	3.7	1.5	-0.7	-2.2	-1.5	139	116	-23	317	318	1	19	70
39.267	-73.033	LT3	4.8	3.1	-1.7	-2.7	-1.7	1.0	91	110	19	325	319	-6	58	70
39.917	-73.100	MESA7	3.5	2.8	-0.7	0.1	-1.3	-1.4	133	104	-29	321	321	0	18	68
39.917	-73.100	MESA7	2.4	2.8	0.3	-1.2	-1.2	0.0	61	100	39	302	319	17	38	68
39.917	-73.100	MESA7	0.9	2.7	1.8	0.2	-1.2	-1.4	93	98	5	276	319	43	66	68
40.483	-73.183	FIRE IS.	1.4	2.8	1.4	-0.5	-0.4	0.1	119	112	-7	344	344	0	2	29
38.517	-73.233	MF	2.4±0.3	1.3	-1.1	-0.8±0.8	-0.9	-0.1	318±61	345	27	105±70	120	15	15	234
38.517	-73.233	MF	0.9±0.3	1.2	0.3	0.1±0.4	-0.9	-1.0	360±42	341	-19	128±31	123	-5	232	234
38.550	-73.517	MC	1.4	2.2	0.8	-0.4	-0.2	0.2	67	51	-16	225	232	7	79	80
38.733	-73.633	MB	3.4±0.6	4.8	1.4	-1.9±0.5	-4.3	-2.4	129±20	123	-6	47±13	30	-17	15	60
38.733	-73.633	MB	3.3±0.8	3.9	0.6	-2.2±0.9	-3.5	-1.3	115±03	116	1	50±12	36	-14	45	60
38.733	-73.633	MB	2.8±0.7	3.7	0.9	-1.5±0.6	-3.3	-1.8	112±10	114	2	43±12	37	-6	50	60
38.733	-73.633	MB	3.2±0.7	3.5	0.3	-1.8±0.7	-3.2	-1.4	105±05	113	8	54±09	39	-15	54	60
38.733	-73.633	MB	1.8±0.5	3.4	1.6	-0.7±0.3	-3.0	-2.3	108±20	111	3	35±13	40	5	59	60
39.400	-73.717	LT2	3.5±0.9	3.2	-0.3	-2.0±0.6	-2.0	0.0	123±13	119	-4	311±06	317	6	3	34
39.400	-73.717	LT2	3.9±0.5	3.0	-0.9	-2.2±0.4	-1.8	0.4	113±23	116	3	324±25	317	-7	15	34
39.767	-73.933	BARNEGAT	0.7	1.4	0.7	-0.2	-0.3	-0.1	313	310	-3	115	113	-2	2	24
38.983	-74.033	MD	1.6±0.3	2.0	0.4	-0.9±0.3	-0.8	0.1	109±23	117	8	307±06	302	-5	40	41
39.467	-74.250	L.EGG INLET	1.6	1.2	-0.4	-0.8	-0.6	0.2	151	117	-34	318	321	3	5	12
39.467	-74.250	L.EGG INLET	1.0	1.3	0.3	-0.3	-0.7	-0.4	128	120	-8	320	319	-1	10	12
Average abs. Deviation				1.4			0.9			13.6			10.4			
Standard deviation				2.2			1.2			18.8			14.4			