

Table B2: Comparison between calculated and observed N<sub>2</sub> tidal ellipse parameters

Latitude (Deg)	Longitude (Deg)	Station	U <sub>major</sub> (cm/s)			U <sub>minor</sub> (cm/s)			Orien (Deg)			Phase (Deg)			Depth Bottom	
			Obs.	Cal.	Diff	Obs.	Cal.	Diff	Obs.	Cal.	Diff	Obs.	Cal.	Diff	(m)	(m)
42.343	-70.758	BLS 1	2.7±1.4	2.2	-0.5	-0.4±0.9	0.4	0.8	154±60	155	1	41±5	9	-32	22	30
42.343	-70.758	BLS 1	1.0	1.3	0.3	0.1	0.4	0.3	135	148	13	22	12	-10	30	30
42.340	-70.590	STB 8	2.0±0.4	1.9	-0.1	0.5±0.6	0.8	0.3	177±75	172	-5	20±75	27	7	34	65
42.417	-70.583	FA 16	1.8	1.9	0.1	1.3	1.0	-0.3	141	149	8	363	360	-3	32	84
42.417	-70.583	FA 16	1.9	1.9	0.0	0.3	0.9	0.6	146	148	2	380	359	-21	62	84
41.910	-70.227	CCB 21	1.7	3.2	1.5	0.1	0.4	0.3	352	338	-14	299	299	0	29	30
41.975	-70.397	CCE 22	3.5	3.6	0.1	-0.7	0.1	0.8	357	355	-2	274	274	0	6	46
41.977	-70.403	CCE 22	3.3±0.1	3.9	0.6	0.4±0.2	0.3	-0.1	356±2	352	-4	272±2	265	-7	24	47
41.977	-70.403	CCE 22	2.7±0.0	3.5	0.8	0.9±0.2	0.6	-0.3	348±2	347	-1	264±8	265	1	40	47
41.977	-70.403	CCE 22	2.0±0.0	2.7	0.7	0.6±0.2	0.6	0.0	333±13	343	10	258±13	267	9	46	47
42.393	-70.907	A 23	4.2±0.7	2.0	-2.2	-0.3±0.4	0.3	0.6	357±14	343	-14	254±7	222	-32	8	24
42.393	-70.907	A 23	1.8±0.1	1.4	-0.4	0.2±0.0	0.3	0.1	334±1	336	2	221±2	224	3	23	24
42.343	-70.802	B 24	1.5±1.4	2.4	0.9	1.2±0.4	0.1	-0.1	166±23	191	25	32±40	42	10	8	37
42.343	-70.802	B 24	1.2±0.2	2.4	1.2	0.5±0.1	0.1	-0.4	214±20	191	-23	58±30	42	-16	36	37
42.393	-70.662	C 25	2.7±1.0	1.9	-0.8	0.4±1.1	0.6	0.2	361±65	344	-17	199±24	198	-1	8	72
42.393	-70.662	C 25	1.2±0.1	1.6	0.4	0.5±0.3	0.7	0.2	150±1	152	2	17±5	12	-5	71	72
42.390	-70.898	2 29	3.3±0.2	2.5	-0.8	0.1±0.5	0.1	0.0	360±9	349	-11	218±6	209	-9	9	23
42.390	-70.898	2 29	2.3±0.3	2.2	-0.1	0.6±0.8	0.3	-0.3	313±24	329	16	164±11	194	30	17	23
42.333	-70.842	3 30	3.6±1.3	2.4	-1.2	0.4±1.3	0.1	-0.3	177±19	155	-22	22±6	4	-18	9	23
42.333	-70.842	3 30	3.6±1.6	2.2	-1.4	0.4±0.8	0.3	-0.1	144±25	149	5	343±45	3	20	17	23
42.378	-70.785	5 32	2.4±1.8	2.3	-0.1	-0.1±1.4	0.2	0.3	170±41	160	-10	19±40	10	-9	14	34
42.378	-70.785	5 32	2.0	2.1	0.1	1.1	0.4	-0.7	133	155	22	9	9	0	22	34
42.378	-70.785	5 32	3.6±1.6	1.9	-1.7	-0.7±0.9	0.4	1.1	153±25	151	-2	354±21	10	16	27	34
42.452	-70.825	6 33	2.3±0.0	2.1	-0.2	-0.3±0.6	0.1	0.4	358±15	352	-6	181±18	201	20	11	37
42.452	-70.825	6 33	1.4	1.9	0.5	0.6	0.3	-0.3	345	344	-1	193	197	4	31	37
42.317	-70.777	7 34	2.4±0.6	2.3	-0.1	-0.5±1.1	0.2	0.7	180±89	157	-23	357±123	2	5	9	27
42.328	-70.767	7 34	3.2±1.0	2.3	-0.9	-0.7±2.4	0.3	1.0	153±90	153	0	341±2	5	24	17	27
42.317	-70.777	7 34	1.9±1.2	2.3	0.4	-0.5±0.8	0.2	0.7	165±22	160	-5	47±45	12	-35	18	27
42.342	-70.937	9 35	10.5±0.9	1.7	-8.8	-0.3±1.1	0.4	0.7	363±3	355	-8	203±12	206	3	9	15
42.317	-70.900	10 36	11.4±4.2	1.8	-9.6	0.2±0.7	0.3	0.1	356±5	356	0	185±8	205	20	7	12
43.367	-62.667	SS3	4.5±0.5	2.4	-2.1	-2.5±0.6	-1.3	1.2	69±20	66	-3	317±12	300	-17	20	99
43.367	-62.667	SS3	4.5±1.2	2.4	-2.1	-2.6±0.1	-1.3	1.3	65±15	65	0	299±01	299	0	50	99
43.367	-62.667	SS3	3.3	2.4	-0.9	-1.7	-1.3	0.4	70	64	-6	309	298	-11	81	99
43.367	-62.667	SS3	2.5±0.5	2.3	-0.2	-1.5±0.6	-1.2	0.3	61±07	63	2	288±20	297	9	95	99
43.033	-62.900	SS7	2.2	3.4	1.2	-0.3	-2.0	-1.7	70	62	-8	299	297	-2	50	125
43.033	-62.900	SS7	2.8	2.9	0.1	-1.3	-1.5	-0.2	62	57	-5	303	296	-7	118	125
43.250	-63.367	SS6	2.4	2.3	-0.1	-0.7	-0.9	-0.2	72	68	-4	324	302	-22	50	135
43.250	-63.367	SS6	1.4	2.3	0.9	-0.4	-0.9	-0.5	85	66	-19	301	300	-1	130	135
42.817	-63.500	S1	4.5±2.0	1.2	-3.2	-1.8±0.7	-0.3	1.5	68±50	73	5	273±26	300	27	20	240
42.817	-63.500	S1	2.9±1.3	1.2	-1.7	-1.5±0.6	-0.3	1.2	74±13	74	0	300±24	300	0	50	240
42.817	-63.500	S1	1.9	1.2	-0.6	-0.8	-0.3	0.5	48	74	26	289	300	11	100	240
42.817	-63.500	S1	2.0±0.8	1.2	-0.8	-1.0±0.2	-0.3	0.7	88±18	74	-14	302±12	300	-2	150	240
42.817	-63.500	S1	1.7±0.5	1.2	-0.5	-1.2±0.2	-0.3	0.9	87±13	74	-13	298±06	300	2	230	240

43.000	-63.500	S6	4.7	3.4	-1.3	-2.9	-1.8	1.1	59	68	9	288	288	0	20	170
43.000	-63.500	S6	2.3±0.3	3.4	1.1	-1.1±0.2	-1.8	-0.7	102±23	68	-34	281±01	288	7	50	170
43.000	-63.500	S6	2.0	3.4	1.4	-1.1	-1.9	-0.8	35	68	33	293	288	-5	100	170
43.000	-63.500	S6	2.4±1.5	3.2	0.8	-1.3±1.1	-1.6	-0.3	81±24	65	-16	281±06	286	5	153	170
42.767	-64.000	S2	3.1	3.3	0.2	-2.6	-1.7	0.9	95	85	-10	280	302	22	30	240
42.767	-64.000	S2	3.0±1.0	3.3	0.3	-2.0±1.7	-1.7	0.3	97±30	85	-12	333±07	302	-31	50	240
42.767	-64.000	S2	3.1±0.4	3.3	0.2	-0.3±0.2	-1.7	-1.4	127±84	84	-43	282±15	301	19	220	240
43.567	-65.100	C5	2.6	2.4	-0.2	-0.8	0.6	1.4	65	83	18	27	13	-14	15	60
43.567	-65.100	C5	2.8	2.3	-0.5	0.1	0.7	0.6	47	77	30	343	9	26	30	60
43.567	-65.100	C5	2.1	2.2	0.1	1.3	0.8	-0.5	35	73	38	3	9	6	50	60
43.183	-65.717	C1	16.9	18.9	2.0	-1.4	-1.0	0.4	125	124	-1	346	346	0	15	60
43.183	-65.717	C1	15.1	18.2	3.1	-0.3	-0.4	-0.1	112	122	10	346	346	0	30	60
43.183	-65.717	C1	9.7	16.3	6.6	-0.4	0.2	0.6	124	120	-4	343	347	4	50	60
42.833	-65.833	C3	11.0	14.3	3.3	-1.1	-3.3	-2.2	162	146	-16	332	330	-2	15	110
42.833	-65.833	C3	12.6	14.1	1.5	-2.4	-2.9	-0.5	149	143	-6	326	328	2	50	110
42.833	-65.833	C3	10.4	11.8	1.4	-1.0	-1.9	-0.9	146	137	-9	328	328	0	100	110
42.367	-65.933	NEC1	10.6±1.1	11.8	1.2	-2.4±2.0	-3.8	-1.4	331±08	325	-6	142±07	144	2	103	223
42.367	-65.933	NEC1	12.2±2.1	11.7	-0.5	-4.5±1.4	-3.6	0.9	324±05	324	0	138±09	143	5	153	223
42.367	-65.933	NEC1	9.0±1.8	9.7	0.7	-1.9±2.6	-2.5	-0.6	134±07	138	4	308±13	324	16	207	223
42.300	-65.967	NEC2	9.4±1.3	11.5	2.1	-2.9±2.8	-3.4	-0.5	329±06	330	1	150±07	145	-5	106	240
42.300	-65.967	NEC2	11.5±1.3	11.5	0.0	-4.6±0.7	-3.3	1.3	355±45	329	-26	131±04	144	13	156	240
42.300	-65.967	NEC2	12.7±3.3	11.2	-1.5	-4.6±0.7	-2.8	1.8	355±45	326	-29	131±04	143	12	217	240
42.183	-66.033	NEC3	13.1±0.3	13.2	0.1	-3.9±1.7	-4.3	-0.4	331±08	331	0	150±03	143	-7	112	228
42.183	-66.033	NEC3	11.9±0.9	13.1	1.2	-4.8±1.2	-4.1	0.7	327±08	329	2	126±06	142	16	162	228
42.183	-66.033	NEC3	9.6±1.9	10.8	1.2	-2.2±1.5	-2.9	-0.7	316±06	324	8	109±12	143	34	220	228
43.183	-69.083	CASHES LEDGE	3.2	3.0	-0.2	1.8	0.8	-1.0	380	339	-41	158	120	-38	33	190
43.183	-69.083	CASHES LEDGE	2.1	3.0	0.9	0.6	0.8	0.2	376	339	-37	144	120	-24	68	190
43.183	-69.083	CASHES LEDGE	2.0	3.0	1.0	0.8	0.8	0.0	336	339	3	127	120	-7	180	190
43.667	-69.383	MONHEGAN	1.6	2.0	0.4	0.8	0.8	0.0	300	320	20	64	82	18	33	98
43.667	-69.383	MONHEGAN	1.2	2.0	0.8	0.6	0.8	0.2	340	320	-20	74	81	7	68	98
43.217	-70.283	C.PORPOISE	1.3	1.4	0.1	0.9	0.6	-0.3	309	310	1	100	99	-1	33	98
43.217	-70.283	C.PORPOISE	0.4	1.4	1.0	-0.1	0.6	0.7	308	310	2	93	99	6	68	98
42.333	-70.750	BOSTON L.S.	1.1	2.6	1.5	-0.1	-0.1	0.0	164	163	-1	8	12	4	2	33
45.133	-65.133	BED65	20.9	26.0	5.1	0.3	0.4	0.1	356	354	-2	38	36	-2	25	62
45.417	-65.117	BED66	14.5	20.2	5.7	0.5	0.0	-0.5	352	353	1	30	39	9	25	38
45.217	-65.233	BED64	23.6	24.9	1.3	1.9	-0.7	-2.5	354	3	9	31	36	5	10	50
45.217	-65.233	BED64	19.9	23.4	3.5	0.0	-0.1	-0.1	0	1	1	31	37	6	25	50
45.317	-65.333	BED63	17.9	22.1	4.2	0.0	0.1	0.1	355	356	1	29	38	9	25	50
44.650	-66.033	BED62	21.8	20.8	-1.0	2.5	-0.8	-3.3	351	347	-4	22	43	21	13	90
44.817	-66.200	BED61	16.2	17.8	1.6	1.9	-1.1	-3.0	360	350	-10	19	42	23	13	107
44.817	-66.200	BED61	17.4	17.4	0.0	1.0	-0.5	-1.5	350	349	-1	23	41	18	50	107
45.000	-66.400	BED60	14.4	13.5	-0.9	1.9	-0.8	-2.7	360	348	-12	26	26	0	13	84
41.700	-66.600	L	12.8±1.6	15.5	2.7	-9.3±0.5	-9.9	-0.6	345±06	341	-4	119±03	119	0	51	66
42.200	-66.683	P4	9.9	10.2	0.3	-4.0	-2.8	1.2	337	332	-5	147	146	-1	79	219
42.200	-66.683	P4	7.6	10.1	2.5	-0.3	-2.6	-2.3	325	331	6	115	144	29	129	219
42.033	-66.683	P5	21.0	20.5	-0.5	-9.1	-10.7	-1.6	360	339	-21	117	120	3	19	71
42.033	-66.683	P5	12.4	18.8	6.4	-8.4	-9.6	-1.2	332	336	4	115	121	6	44	71

41.883	-66.683	P6	17.4±2.8	19.2	1.8	-11.0±2.4	-12.6	-1.6	325±01	339	14	112±02	119	7	11	70
41.883	-66.683	P6	15.0±1.6	18.4	3.4	-9.7±1.5	-11.9	-2.2	339±02	337	-2	115±00	120	5	26	70
41.883	-66.683	P6	12.6±1.5	17.8	5.2	-7.8±1.5	-11.5	-3.7	367±00	336	-31	123±02	121	-2	36	70
40.933	-66.967	M4	8.4±1.8	9.9	1.5	-5.8±2.0	-7.7	-1.9	358±16	333	-25	108	122	14	6	80
40.933	-66.967	M4	8.6±1.6	9.3	0.7	-6.1±1.4	-7.1	-1.0	363±10	330	-33	112	122	10	39	80
40.933	-66.967	M4	6.5±2.2	6.6	0.1	-4.5±1.8	-4.9	-0.4	348±20	324	-24	92	123	31	73	80
42.200	-67.250	P1	9.3	7.7	-1.6	-4.8	-1.1	3.7	358	316	-42	175	160	-15	30	203
42.200	-67.250	P1	9.0	7.7	-1.3	-4.2	-1.1	3.1	281	316	35	174	160	-14	40	203
42.200	-67.250	P1	7.5	7.6	0.1	-5.5	-1.0	4.5	341	330	-11	145	145	0	75	203
42.050	-67.250	P2	19.2±0.5	21.5	2.3	-7.1±0.1	-8.4	-1.3	347±04	332	-15	117±06	116	-1	14	50
42.050	-67.250	P2	16.3	19.5	3.2	-6.2	-7.5	-1.3	350	330	-20	116	116	0	30	50
41.883	-67.250	P3	18.1	20.1	2.0	-9.9	-12.5	-2.6	361	342	-19	99	107	8	15	45
41.883	-67.250	P3	16.6	18.2	1.6	-9.3	-11.3	-2.0	362	340	-22	106	108	2	30	45
41.883	-67.250	P3	11.1	16.2	5.1	-5.8	-10.1	-4.3	364	339	-25	95	108	13	40	45
41.333	-67.267	M3	14.6±1.0	14.8	0.2	-9.0±0.9	-10.5	-1.5	350±04	342	-8	98	103	5	36	44
40.900	-67.400	M9	5.5±1.4	8.6	3.1	-3.4±1.0	-6.0	-2.6	326±16	323	-3	106	120	14	71	79
40.850	-67.400	A	8.2±1.4	9.6	1.4	-5.7±1.4	-7.0	-1.3	337±18	330	-7	118±14	118	0	15	85
40.850	-67.400	A	8.5±1.2	9.2	0.7	-5.8±0.9	-6.5	-0.7	332±09	327	-5	120±10	117	-3	45	85
40.850	-67.400	A	6.5±1.2	7.9	1.4	-4.0±0.9	-5.4	-1.4	316±16	322	6	118±09	118	0	75	85
40.850	-67.400	A	4.9±0.8	6.7	1.8	-2.8±0.7	-4.6	-1.8	320±12	321	1	110±15	118	8	84	85
41.400	-67.567	C	14.3±1.1	19.9	5.6	-11.1±0.7	-14.5	-3.4	328±03	328	0	111±02	112	1	15	38
41.067	-67.567	K	10.2±1.2	15.7	5.5	-8.3±1.8	-10.7	-2.4	324±01	331	7	138±09	117	-21	10	64
41.067	-67.567	K	11.6±1.1	15.4	3.8	-7.8±1.2	-10.5	-2.7	341±07	330	-11	118±08	117	-1	15	64
41.067	-67.567	K	10.2±1.2	14.0	3.8	-8.3±1.7	-9.4	-1.1	323±01	328	5	138±09	118	-20	34	64
41.067	-67.567	K	8.8±1.0	9.1	0.3	-5.9±1.0	-6.1	-0.2	327±12	326	-1	115±03	118	3	54	64
41.067	-67.567	K	8.6±1.3	9.1	0.5	-5.8±0.8	-6.1	-0.3	329±07	326	-3	116±04	118	2	58	64
41.067	-67.567	K	6.6±0.5	9.1	2.5	-4.1±0.5	-6.1	-2.0	324±06	326	2	108±05	118	10	60	64
41.983	-67.783	D	10.4±0.6	10.5	0.1	-5.4±0.3	-5.7	-0.3	320±06	319	-1	131±10	131	0	15	84
40.850	-68.817	M	16.4±0.8	17.2	0.8	-5.8±0.8	-8.1	-2.3	4±03	3	-1	87±04	88	1	10	65
40.850	-68.817	M	12.5±1.4	14.5	2.0	-4.6±0.6	-6.2	-1.6	362±02	358	-4	90±01	89	-1	54	65
40.817	-69.000	B	13.7±0.2	13.7	0.0	-3.7±0.8	-5.8	-2.1	0±02	0	0	84±03	84	0	58	78
40.850	-69.017	GSC2	15.3	17.3	2.0	-5.5	-7.1	-1.6	17	7	-10	74	80	6	10	83
40.850	-69.017	GSC2	15.4	16.2	0.8	-5.7	-6.1	-0.4	11	4	-7	77	81	4	42	83
40.850	-69.017	GSC2	3.0	11.6	8.6	0.8	-4.0	-4.8	212	210	-2	102	82	-20	76	83
40.850	-69.017	N	12.9±0.2	13.8	0.9	-4.6±0.4	-4.8	-0.2	188±04	181	-7	78±02	82	4	68	83
40.500	-69.117	R	6.0±1.7	9.3	3.3	-3.2±1.3	-5.1	-1.9	356±04	4	8	55±13	75	20	79	80
40.867	-69.183	GSC1	14.0	18.2	4.2	-4.0	-7.0	-3.0	22	6	-16	69	71	2	27	64
40.867	-69.183	GSC1	11.8	16.0	4.2	-3.7	-5.8	-2.1	22	4	-18	64	72	8	49	64
40.567	-67.750	LCA	6.8±1.4	8.0	1.2	-4.3±1.3	-5.5	-1.2	331±07	328	-3	100±08	109	9	80	100
40.567	-67.750	LCA	4.0±1.0	6.8	2.8	-1.8±1.7	-4.6	-2.8	334±01	325	-9	115±06	110	-5	99	100
40.533	-67.717	LCB	5.7±1.3	5.8	0.2	-3.1±1.3	-3.6	-0.5	311±18	328	17	120±16	113	-7	92	282
40.533	-67.717	LCB	3.0±2.0	5.8	2.8	0.3±0.3	-3.5	-3.8	367±102	327	-40	102±04	112	10	227	282
40.533	-67.717	LCB	5.0±1.8	5.8	0.8	0.1±0.3	-3.5	-3.6	345±87	327	-18	113±08	112	-1	277	282
40.483	-67.733	LCC	4.8±1.0	4.8	0.0	-3.3±1.8	-3.6	-0.3	309±15	324	15	108±34	109	1	134	184
40.483	-67.683	LCD	4.8±0.8	4.7	-0.2	-2.5±0.5	-2.8	-0.3	310±07	325	15	96±11	105	9	143	193
40.383	-67.550	LCI	5.2±4.1	2.3	-2.9	-3.7±3.4	-2.0	1.7	234±91	252	18	184±62	185	1	10	250
40.383	-67.550	LCI	4.4±2.4	2.3	-2.1	-3.0±1.2	-2.0	1.0	254±63	252	-2	207±56	185	-22	55	250

40.383	-67.550	LCI	3.3±1.0	2.3	-1.0	-2.0±0.6	-2.0	0.0	242±62	251	9	217±55	185	-32	195	250
40.383	-67.550	LCI	2.5±1.4	2.4	-0.1	-0.4±0.6	-2.0	-1.6	268±75	251	-17	188±66	185	-3	245	250
40.533	-67.600	LCL	6.3±0.7	6.2	-0.1	-4.3±1.1	-4.6	-0.3	323±18	324	1	124±14	114	-10	65	125
40.533	-67.600	LCL	6.8±1.3	6.0	-0.8	-4.2±1.2	-4.3	-0.1	313±66	322	9	107±64	112	5	105	125
40.500	-67.817	LCM	7.9±2.3	6.5	-1.4	-5.7±2.4	-4.6	1.1	330±21	329	-1	100±21	107	7	103	123
40.500	-67.817	LCM	4.9±2.6	5.4	0.5	-2.6±1.8	-3.8	-1.2	325±32	326	1	105±12	107	2	119	123
40.617	-69.617	NANTUCKET LS	9.0±1.9	9.2	0.2	-6.5±1.8	-6.4	0.1	20±12	20	0	58±03	52	-6	2	55
41.517	-69.600	NSA	16.3	17.3	1.0	-2.3	-2.5	-0.2	304	303	-1	88	84	-4	5	33
41.517	-69.600	NSA	11.9	14.4	2.5	-1.3	-1.6	-0.3	288	299	-11	86	86	0	25	33
41.433	-69.733	NSB	12.4	17.9	5.5	-3.5	-6.3	-2.8	328	301	-27	61	61	0	10	22
41.617	-69.733	NSD	10.5	10.8	0.3	2.2	1.3	-0.9	313	287	-26	61	85	24	16	33
41.617	-69.900	POLLOCK RIP	11.0	18.0	7.0	-0.8	-4.4	-3.6	268	264	-4	74	56	-18	2	14
41.617	-69.983	NSC	8.4	11.2	2.8	-1.2	-1.2	0.0	280	278	-2	354	8	14	8	16
40.717	-70.017	I	8.4	9.8	1.4	-6.0	-7.2	-1.2	34	35	1	4	3	-1	18	41
40.983	-70.067	NSE	14.9	16.2	1.3	-13.2	-9.5	3.7	146	115	-31	8	17	9	10	22
40.683	-70.133	NSFE1	6.2	8.6	2.4	-5.2	-7.9	-2.8	71	67	-4	343	335	-8	10	46
40.683	-70.133	NSFE1	6.9	6.8	-0.1	-2.1	-6.4	-4.3	111	69	-42	309	331	22	30	46
40.500	-70.217	Q	4.3±0.6	5.8	1.5	-3.2±0.7	-5.0	-1.8	44±42	33	-11	9±53	22	13	10	67
40.500	-70.217	Q	4.1±0.5	5.5	1.4	-3.3±0.4	-4.7	-1.4	40±38	29	-11	15±44	23	8	31	67
40.500	-70.217	Q	4.3±0.7	4.7	0.4	-3.3±0.7	-3.9	-0.6	27±25	24	-3	21±30	24	3	51	67
40.500	-70.217	Q	3.7±1.4	4.2	0.5	-3.0±1.5	-3.5	-0.5	40±37	23	-17	354±43	24	30	57	67
40.500	-70.217	Q	2.5±0.3	4.5	2.0	-2.0±0.4	-3.8	-1.8	351±38	23	32	23±33	24	1	66	67
40.333	-70.267	NSFE3	2.7	3.8	1.1	-2.0	-3.2	-1.2	50	21	-29	49	40	-9	10	88
40.333	-70.267	NSFE3	2.3	3.9	1.6	-2.0	-3.2	-1.2	30	20	-10	33	39	6	30	88
40.333	-70.267	NSFE3	3.3	3.5	0.2	-2.7	-2.8	-0.1	4	15	11	35	38	3	70	88
40.217	-70.300	NSFE4	3.1	2.4	-0.7	-2.7	-2.1	0.6	4	8	4	96	55	-41	10	105
40.217	-70.300	NSFE4	2.7	2.4	-0.3	-2.1	-2.1	0.0	339	8	29	80	55	-25	30	105
40.217	-70.300	NSFE4	2.0	2.4	0.4	-1.6	-2.1	-0.5	22	8	-14	56	55	-1	60	105
40.217	-70.300	NSFE4	1.3	2.4	1.1	-1.0	-2.0	-1.0	37	32	-5	24	53	29	90	105
40.033	-70.367	NSFE5	1.7	0.8	-0.9	-1.2	-0.6	0.6	67	51	-16	338	8	30	10	198
40.033	-70.367	NSFE5	1.8	0.8	-1.0	-1.2	-0.6	0.6	33	51	18	6	8	2	30	198
40.033	-70.367	NSFE5	0.6	0.8	0.2	-0.4	-0.6	-0.2	69	51	-18	17	8	-9	90	198
40.033	-70.367	NSFE5	1.2	0.8	-0.4	-0.8	-0.6	0.2	69	51	-18	24	8	-16	120	198
40.033	-70.367	NSFE5	2.3	0.8	-1.5	-1.9	-0.6	1.3	53	51	-2	0	8	8	185	198
40.483	-70.500	P	2.6±0.5	2.9	0.3	-2.1±0.6	-2.5	-0.4	340±64	346	6	53±65	54	1	61	71
40.483	-70.500	P	1.1±0.1	2.7	1.6	-0.9±0.2	-2.4	-1.5	384±38	345	-39	62±20	55	-7	70	71
40.300	-70.867	NES743	1.8	1.6	-0.2	0.4	-1.5	-1.9	312	307	-5	135	95	-40	20	105
40.300	-70.867	NES743	1.5	1.7	0.2	-1.2	-1.6	-0.4	271	307	36	122	95	-27	60	105
40.583	-70.983	NES742	2.5	2.7	0.2	-2.3	-2.5	-0.2	344	341	-3	60	64	4	20	74
40.583	-70.983	NES742	2.3	2.5	0.2	-2.0	-2.2	-0.2	362	336	-26	18	61	43	60	74
41.450	-71.017	HENS & CHICK	6.1	3.1	-3.0	-2.2	-1.4	0.8	19	8	-11	8	7	-1	2	18
40.467	-71.200	NES762	1.7	2.0	0.3	-1.4	-1.9	-0.5	309	314	5	85	85	0	38	83
40.467	-71.200	NES762	0.9	1.8	0.9	-0.8	-1.7	-0.9	295	313	18	82	80	-2	73	83
40.933	-71.217	NES741	2.4	2.6	0.2	-1.9	-1.9	0.0	306	308	2	102	99	-3	28	58
41.433	-71.383	BRENTON REEF	5.8	3.8	-2.0	-0.8	-1.1	-0.3	99	93	-6	277	277	0	2	26
39.917	-71.967	NES762W	2.2	2.1	-0.1	-1.4	-1.4	0.0	64	57	-7	319	320	1	38	83
40.200	-72.000	LT5	3.0±0.4	2.4	-0.6	-1.7±0.3	-1.6	0.1	68±21	51	-17	316±03	331	15	21	67

40.200	-72.000	LT5	3.1±1.2	2.4	-0.7	-1.8±1.0	-1.6	0.2	83±16	50	-33	299±67	329	30	41	67
40.200	-72.000	LT5	1.7±0.4	2.3	0.6	-0.9±0.2	-1.4	-0.5	50±01	47	-3	311±13	328	17	61	67
40.200	-72.000	LT5	1.5±0.5	2.1	0.6	-0.8±0.4	-1.3	-0.5	35±30	44	9	315±21	329	14	66	67
40.567	-72.317	LT4	2.6±0.3	2.7	0.1	-0.9±0.4	-1.3	-0.4	75±06	34	-41	365±10	360	-5	3	52
40.567	-72.317	LT4	4.5±1.6	2.7	-1.8	-2.1±1.4	-1.3	0.8	50±29	32	-18	349±22	358	9	24	52
40.567	-72.317	LT4	2.8±0.5	2.4	-0.4	-1.6±0.6	-1.1	0.5	35±27	26	-9	357±10	357	0	44	52
40.567	-72.317	LT4	1.1±1.0	2.2	1.1	-0.5±0.5	-0.9	-0.4	46±31	24	-22	348±07	357	9	51	52
40.783	-72.483	CMICE	2.2	2.9	0.7	-0.2	-0.7	-0.5	46	35	-11	2	9	7	4	29
40.783	-72.483	CMICE	2.4	2.8	0.4	-0.3	-0.6	-0.3	38	33	-5	353	9	16	8	29
40.783	-72.483	CMICE	2.3	2.7	0.4	-0.4	-0.5	-0.1	43	30	-13	348	8	20	16	29
40.783	-72.483	CMICE	1.7	1.9	0.2	-0.1	-0.2	-0.1	17	22	5	329	10	41	25	29
39.950	-72.600	ME	2.1	2.2	0.1	-0.3	-1.1	-0.8	43	43	0	302	331	29	59	60
38.917	-72.967	NJ4	3.1	1.4	-1.7	-1.8	-0.7	1.1	45	74	29	329	322	-7	3	92
38.917	-72.967	NJ4	3.9	1.4	-2.6	-1.8	-0.7	1.1	76	74	-2	322	322	0	43	92
38.917	-72.967	NJ4	0.3	1.4	1.1	-0.3	-0.7	-0.4	74	73	-1	315	321	6	91	92
39.450	-73.000	MA	2.1±0.6	2.9	0.8	-1.1±0.7	-1.5	-0.4	48±01	59	11	319±38	319	0	58	59
39.267	-73.033	LT3	4.2	2.0	-2.2	-2.2	-1.3	0.9	75	71	-4	319	319	0	9	70
39.267	-73.033	LT3	4.2	2.0	-2.2	-2.5	-1.3	1.2	77	71	-6	320	319	-1	19	70
39.267	-73.033	LT3	3.1	2.0	-1.1	-1.3	-1.3	0.0	100	70	-30	318	318	0	58	70
39.917	-73.100	MESA7	3.7	3.0	-0.7	-2.6	-1.3	1.3	44	64	20	367	328	-39	18	68
39.917	-73.100	MESA7	3.7	2.9	-0.8	-1.4	-1.2	0.2	62	62	0	343	327	-16	38	68
39.917	-73.100	MESA7	1.3	2.8	1.5	-0.1	-1.1	-1.0	93	60	-33	302	326	24	66	68
40.483	-73.183	FIRE IS.	1.7	3.3	1.6	0.0	-0.6	-0.6	69	62	-7	359	359	0	2	29
38.517	-73.233	MF	2.4±1.3	0.7	-1.8	-1.3±1.0	-0.4	0.9	40±35	54	14	355±41	343	-12	15	234
38.517	-73.233	MF	0.7±0.3	0.7	0.0	-0.2±0.2	-0.4	-0.2	83±60	55	-28	326±13	341	15	232	234
38.550	-73.517	MC	0.9	1.3	0.4	-0.3	-0.8	-0.5	63	76	13	328	321	-7	79	80
38.733	-73.633	MB	3.6±0.6	3.7	0.1	-2.1±0.6	-2.3	-0.2	99±35	78	-21	313±83	319	6	15	60
38.733	-73.633	MB	3.2±0.6	3.6	0.4	-2.1±0.3	-2.2	-0.1	52±02	75	23	303±11	318	15	45	60
38.733	-73.633	MB	3.3±0.6	3.6	0.3	-1.9±0.5	-2.1	-0.2	65±11	75	10	314±13	318	4	50	60
38.733	-73.633	MB	2.4±0.2	3.5	1.1	-1.2±0.0	-2.1	-0.9	43±01	74	31	298±15	318	20	54	60
38.733	-73.633	MB	2.2±0.7	3.4	1.2	-0.7±0.3	-2.0	-1.3	69±07	74	5	326±15	318	-8	59	60
39.400	-73.717	LT2	3.9±0.3	3.8	-0.1	-2.5±0.4	-2.2	0.3	76±10	75	-1	322±08	324	2	3	34
39.400	-73.717	LT2	4.8±1.7	3.7	-1.1	-2.5±1.2	-2.0	0.5	80±24	74	-6	322±20	323	1	15	34
39.767	-73.933	BARNEGAT	0.4	1.1	0.7	-0.2	-0.2	0.0	29	66	37	263	296	33	2	24
38.983	-74.033	MD	1.7±0.6	3.8	2.1	-0.5±0.5	-1.4	-0.9	124±18	96	-28	306±09	334	28	40	41
39.467	-74.250	L.ECG INLET	1.7	2.0	0.3	-1.0	-0.3	0.7	100	74	-26	339	344	5	5	12
39.467	-74.250	L.ECG INLET	1.1	1.9	0.8	-0.5	-0.3	0.2	81	72	-9	333	344	11	10	12
Average abs. deviation					1.6			1.0			11.2				10.1	
Standard deviation					2.5			1.4			15.7				14.5	