

Table B4: Comparison between calculated and observed O₁ tidal ellipse parameters

Latitude (Deg)	Longitude (Deg)	Station	U _{major} (cm/s)			U _{minor} (cm/s)			Orient (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	1.0±0.2	0.3	-0.7	-0.3±0.5	0.1	0.4	234±110	261	27	40±04	15	-25	22	30
42.343	-70.758	BLS 1	0.9	0.4	-0.5	-0.5	0.1	0.6	252	262	10	4	11	7	30	30
42.340	-70.590	STB 8	0.8±0.2	0.4	-0.4	-0.4±0.4	0.3	0.7	273±10	267	-6	343±10	346	3	34	65
42.417	-70.583	FA 16	0.5	0.4	-0.1	0.4	0.3	-0.1	275	269	-6	82	89	7	32	84
42.417	-70.583	FA 16	0.6	0.4	-0.2	-0.1	0.3	0.4	271	271	0	124	90	-34	62	84
41.910	-70.227	CCB 21	0.5	0.6	0.1	-0.1	0.0	0.1	84	90	6	298	299	1	29	30
41.975	-70.397	CCE 22	0.9	0.8	-0.1	-0.2	0.1	0.3	309	287	-22	102	97	-5	6	46
41.977	-70.403	CCE 22	0.9±0.1	0.8	-0.1	0.0±0.1	0.2	0.2	272±17	283	11	87±19	87	0	24	47
41.977	-70.403	CCE 22	0.9±0.2	0.8	-0.1	-0.1±0.1	0.2	0.3	253±06	283	30	72±14	92	20	40	47
41.977	-70.403	CCE 22	0.7±0.2	0.7	0.0	0.0±0.2	0.2	0.2	253±08	282	29	79±17	94	15	46	47
42.393	-70.907	A 23	0.9±0.2	0.4	-0.5	0.2±0.2	0.0	-0.2	264±105	281	17	61±70	51	-10	8	24
42.393	-70.907	A 23	0.4±0.2	0.3	-0.1	0.1±0.3	0.0	-0.1	293±65	278	-15	92±64	55	-37	23	24
42.343	-70.802	B 24	0.6±0.3	0.4	-0.2	-0.1±0.1	0.1	0.2	263±78	282	19	49±69	20	-29	8	37
42.343	-70.802	B 24	0.5±0.0	0.4	-0.1	0.0±0.0	0.1	0.1	282±12	283	1	37±01	21	-16	36	37
42.393	-70.662	C 25	1.7±1.0	0.4	-1.3	-0.8±0.6	0.4	1.2	298±60	309	11	57±37	41	-16	8	72
42.393	-70.662	C 25	0.6±0.0	0.4	-0.2	0.1±0.1	0.4	0.3	322±04	315	-7	63±34	48	-15	71	72
42.390	-70.898	2 29	0.7±0.1	0.5	-0.2	-0.1±0.3	0.1	0.2	253±37	283	30	20±36	19	-1	9	23
42.390	-70.898	2 29	0.5±0.3	0.4	-0.1	0.2±0.1	0.1	-0.1	243±69	282	39	22±44	23	1	17	23
42.333	-70.842	3 30	0.9±0.3	0.4	-0.5	-0.2±0.3	0.1	0.3	313±101	283	-30	3±43	18	15	9	23
42.333	-70.842	3 30	0.6±0.3	0.4	-0.2	0.0±0.2	0.1	0.1	296±25	284	-12	17±65	22	5	17	23
42.378	-70.785	5 32	0.7±0.3	0.4	-0.3	-0.1±0.3	0.1	0.2	254±40	274	20	47±42	10	-37	14	34
42.378	-70.785	5 32	0.9	0.4	-0.5	-0.2	0.1	0.3	274	277	3	27	14	-13	22	34
42.378	-70.785	5 32	0.7±0.2	0.4	-0.3	0.0±0.1	0.2	0.2	277±40	277	0	8±55	15	7	27	34
42.452	-70.825	6 33	0.4±0.1	0.4	0.0	-0.1±0.0	0.1	0.2	273±114	291	18	62±33	25	-37	11	37
42.452	-70.825	6 33	0.2	0.2	0.0	-0.1	0.1	0.2	287	291	4	42	40	-2	31	37
42.317	-70.777	7 34	0.6±0.0	0.4	-0.2	0.0±0.4	0.1	0.1	284±114	272	-12	328±37	8	40	9	27
42.328	-70.767	7 34	0.6±0.0	0.4	-0.2	0.2±0.2	0.2	0.0	291±37	281	-10	34±04	19	-15	17	27
42.317	-70.777	7 34	1.1±0.2	0.4	-0.7	0.1±0.2	0.1	0.0	284±80	274	-10	16±99	15	-1	18	27
42.342	-70.937	9 35	2.2±0.4	0.4	-1.8	0.2±0.4	0.0	-0.2	276±06	274	-2	42±01	38	-4	9	15
42.317	-70.900	10 36	2.2±0.2	0.5	-1.7	0.0±0.0	0.0	0.0	280±01	271	-9	2±07	8	6	7	12
43.367	-62.667	SS3	6.3±0.4	7.3	1.0	-3.0±1.0	-3.6	-0.6	207±32	202	-5	21±12	15	-6	20	99
43.367	-62.667	SS3	6.2±1.3	7.3	1.2	-3.9±0.6	-3.7	0.2	200±09	203	3	22±08	16	-6	50	99
43.367	-62.667	SS3	5.0	7.2	2.2	-2.7	-3.6	-0.9	220	206	-14	30	17	-13	81	99
43.367	-62.667	SS3	6.0	7.2	1.2	-2.9	-3.5	-0.6	176	206	30	26	18	-8	91	99
43.367	-62.667	SS3	4.1±1.3	7.1	3.0	-1.8±0.7	-3.4	-1.6	221±14	207	-14	45±02	18	-27	95	99
43.033	-62.900	SS7	7.1	10.2	3.1	-3.9	-7.6	-3.7	210	215	5	20	21	1	50	125
43.033	-62.900	SS7	4.4	9.4	5.0	-2.4	-6.9	-4.5	226	219	-7	46	23	-23	118	125
43.750	-62.983	SS2	4.8±0.8	4.2	-0.6	-0.9±0.7	0.6	1.5	219±42	234	15	26±07	28	2	20	278
43.750	-62.983	SS2	5.0±0.5	4.2	-0.8	-0.4±0.9	0.6	1.0	239±79	234	-5	37±65	28	-9	50	278
43.750	-62.983	SS2	3.9±0.9	4.2	0.3	0.7±0.2	0.6	-0.1	245±08	234	-11	30±07	28	-2	95	278
43.750	-62.983	SS2	4.2±0.8	4.2	0.0	0.6±0.3	0.6	0.0	273±08	234	-39	54±01	28	-26	250	278
43.250	-63.367	SS6	4.1	7.9	3.8	-1.2	-3.3	-2.1	246	249	3	18	25	7	50	135
43.250	-63.367	SS6	3.4	7.8	4.4	0.0	-3.1	-3.1	250	252	2	45	28	-17	130	135
44.433	-63.483	SS1	6.2±0.7	5.9	-0.3	-0.5±0.6	-0.5	0.0	215±90	229	14	21±05	27	6	14	101
44.433	-63.483	SS1	2.9±1.0	6.0	3.1	0.0±1.1	-0.6	-0.6	241±60	230	-11	23±36	27	4	95	101
42.817	-63.500	S1	3.8±0.2	2.5	-1.3	-2.8±0.4	-1.5	1.3	382±81	347	-35	305±92	286	-19	20	240
42.817	-63.500	S1	3.6±0.4	2.5	-1.1	-1.8±0.3	-1.5	0.3	335±08	347	12	280±10	286	6	50	240

42.817	-63.500	S1	3.9	2.5	-1.4	-2.3	-1.5	0.8	374	346	-28	255	286	31	100	240
42.817	-63.500	S1	3.9±0.0	2.5	-1.4	-2.2±0.1	-1.5	0.7	343±16	346	3	267±03	286	19	150	240
42.817	-63.500	S1	4.4±0.4	2.5	-1.9	-2.2±0.1	-1.4	0.8	335±20	346	11	293±01	286	-7	230	240
43.000	-63.500	S6	5.4	9.7	4.3	-3.1	-6.1	-3.0	247	254	7	8	19	11	20	170
43.000	-63.500	S6	4.7±0.8	9.9	5.2	-1.6±0.1	-6.3	-4.7	254±17	254	0	17±06	19	2	50	170
43.000	-63.500	S6	4.2	9.9	5.7	-2.2	-6.3	-4.1	260	256	-4	15	20	5	100	170
43.000	-63.500	S6	3.6±0.1	8.8	5.2	-1.3±0.1	-5.2	-3.9	264±16	257	-7	17±00	24	7	153	170
44.283	-63.767	SS13	3.4	3.9	0.5	-1.5	0.3	1.8	235	237	2	26	30	4	14	98
44.283	-63.767	SS13	2.3	3.5	1.2	0.3	0.5	0.2	242	240	-2	37	37	0	89	98
44.283	-63.767	SS13	3.0	4.0	1.0	1.0	0.2	-0.8	241	239	-2	50	31	-19	95	98
44.417	-63.950	SS12	2.2±1.5	3.1	0.9	0.0±0.0	0.1	0.1	195±23	209	14	44±11	15	-29	14	60
44.417	-63.950	SS12	2.2	3.1	0.9	0.0	0.2	0.2	214	210	-4	16	16	0	20	60
44.417	-63.950	SS12	0.4	3.0	2.6	0.0	0.4	0.4	212	211	-1	346	19	33	54	60
42.767	-64.000	S2	5.4	4.9	-0.5	-3.8	-3.9	-0.1	223	206	-17	130	98	-32	30	240
42.767	-64.000	S2	5.8±0.2	4.9	-0.9	-3.5±0.4	-3.9	-0.4	189±16	206	17	101±05	98	-3	50	240
42.767	-64.000	S2	2.7±0.1	5.0	2.3	-0.7±0.1	-4.0	-3.3	205±10	206	1	66±22	98	32	220	240
43.567	-65.100	C5	2.8	6.1	3.3	-0.8	0.0	0.8	320	279	-41	74	41	-33	15	60
43.567	-65.100	C5	6.4	6.0	-0.4	-1.7	0.2	1.9	268	281	13	67	45	-22	30	60
43.567	-65.100	C5	4.5	4.0	-0.5	0.5	0.6	0.1	261	283	22	97	58	-39	50	60
43.183	-65.717	C1	6.2	13.5	7.3	-1.4	-1.3	0.1	274	296	22	6	6	0	15	60
43.183	-65.717	C1	6.3	12.5	6.2	-1.7	-1.1	0.6	279	295	16	336	8	32	30	60
43.183	-65.717	C1	4.7	8.5	3.8	-0.1	-0.8	-0.7	290	294	4	9	11	2	50	60
42.833	-65.833	C3	5.0	7.2	2.2	-1.6	-2.5	-0.9	308	329	21	11	12	1	15	110
42.833	-65.833	C3	7.3	7.2	-0.1	-0.7	-2.4	-1.7	319	329	10	48	15	-33	50	110
42.833	-65.833	C3	3.8	6.6	2.8	-0.1	-2.0	-1.9	307	328	21	18	19	1	100	110
42.333	-65.917	NEC1	3.3±0.3	2.5	-0.8	0.2±0.5	1.0	0.8	303±18	340	37	32±19	40	8	103	223
42.333	-65.917	NEC1	2.5±0.4	2.5	0.0	1.2±0.5	1.0	-0.2	372±26	341	-31	26±39	41	15	153	223
42.333	-65.917	NEC1	2.6±0.4	2.5	-0.1	1.4±0.4	1.0	-0.4	362±22	341	-21	18±24	43	25	207	223
42.300	-65.967	NEC2	3.1±1.4	1.9	-1.2	0.3±0.3	1.3	1.0	388±16	354	-34	24±06	54	30	106	234
42.300	-65.967	NEC2	2.4±0.5	1.9	-0.5	1.3±0.3	1.3	0.0	360±17	354	-6	95±23	54	-41	156	234
42.300	-65.967	NEC2	3.0±0.8	1.9	-1.1	1.2±0.0	1.3	0.1	386±47	353	-33	55±53	54	-1	217	234
42.183	-66.033	NEC3	1.4±0.8	1.6	0.2	0.6±0.4	1.5	0.9	17±40	25	8	90±41	82	-8	112	228
42.183	-66.033	NEC3	2.1±0.5	1.6	-0.5	0.1±0.2	1.5	1.4	356±12	29	33	79±06	85	6	162	228
42.183	-66.033	NEC3	1.4±0.6	1.6	0.2	0.3±0.2	1.5	1.2	352±46	18	26	79±26	77	-2	212	228
43.183	-69.083	CASHES LEDGE	1.4	0.8	-0.6	0.2	0.3	0.1	333	337	4	352	16	24	33	190
43.183	-69.083	CASHES LEDGE	0.6	0.8	0.2	0.2	0.3	0.1	351	337	-14	28	16	-12	68	190
43.183	-69.083	CASHES LEDGE	0.7	0.8	0.1	0.2	0.3	0.1	308	337	29	351	16	25	180	190
43.667	-69.383	MONHEGAN	0.7	0.9	0.2	-0.2	0.3	0.5	338	1	23	4	22	18	33	98
43.667	-69.383	MONHEGAN	0.4	0.9	0.5	0.1	0.3	0.2	355	1	6	58	22	-36	68	98
43.217	-70.283	C.PORPOISE	0.7	0.6	-0.1	0.1	0.1	0.0	34	16	-18	24	59	35	33	98
43.217	-70.283	C.PORPOISE	0.5	0.6	0.1	-0.1	0.1	0.2	341	17	36	36	60	24	68	98
42.333	-70.750	BOSTON L.S.	0.4	0.4	0.0	0.0	0.1	0.1	311	276	-35	353	12	19	20	33
45.133	-65.133	BED65	1.6	2.0	0.4	-0.1	0.0	0.1	83	85	2	32	30	-2	25	62
45.417	-65.117	BED66	1.5	1.6	0.1	0.0	0.1	0.1	84	88	4	19	40	21	25	38
45.217	-65.233	BED64	1.9	2.2	0.3	0.3	0.1	-0.2	100	102	2	35	36	1	10	50
45.217	-65.233	BED64	1.8	2.1	0.3	0.0	0.2	0.2	98	100	2	31	37	6	25	50
45.317	-65.333	BED63	1.4	1.5	0.1	0.1	-0.1	-0.2	88	88	0	36	38	2	25	50
44.650	-66.033	BED62	1.7	1.8	0.1	-0.2	0.0	0.2	52	55	3	38	40	2	13	90
44.817	-66.200	BED61	1.2	1.8	0.6	0.3	-0.1	-0.4	78	87	9	24	40	16	13	107
44.767	-66.200	BED61	1.3	1.9	0.6	0.2	-0.1	-0.3	90	89	-1	27	41	14	50	107
45.000	-66.400	BED60	0.5	1.3	0.8	0.0	0.0	0.0	114	99	-15	63	39	-24	13	84

41.700	-66.600	L	2.6±0.6	4.4	1.8	-1.5±0.5	-2.7	-1.2	33±21	62	29	81±15	79	-2	51	66
42.200	-66.683	P4	1.2	2.4	1.2	0.9	1.7	0.8	305	273	-32	285	325	40	79	219
42.200	-66.683	P4	2.1	2.5	0.4	0.8	1.7	0.9	274	273	-1	353	327	-26	129	219
42.033	-66.683	P5	3.3	5.7	2.4	-0.5	-3.0	-2.5	48	48	0	78	86	8	19	71
42.033	-66.683	P5	1.8	5.2	3.4	1.2	-2.7	-3.9	26	46	20	103	89	-14	44	71
41.883	-66.683	P6	1.6±0.4	5.3	3.7	-0.1±0.3	-3.3	-3.2	95±04	52	-43	96±11	82	-14	11	70
41.883	-66.683	P6	1.8±0.5	5.1	3.3	-0.1±0.1	-3.2	-3.1	21±04	51	30	85±01	84	-1	26	70
41.883	-66.683	P6	1.9±0.4	5.0	3.1	-0.4±0.1	-3.0	-2.6	37±04	50	13	87±07	85	-2	36	70
40.933	-66.967	M4	2.1	3.7	1.6	-0.2	-3.2	-3.0	129	132	3	1	26	25	10	77
40.933	-66.967	M4	2.8	3.4	0.6	-1.8	-2.9	-1.1	151	133	-18	28	28	0	36	77
40.933	-66.967	M4	1.9	2.9	1.0	-0.8	-2.5	-1.7	92	132	40	0	30	30	69	77
42.200	-67.250	P1	3.2	2.3	-0.9	-0.2	0.6	0.8	346	346	0	74	56	-18	30	203
42.200	-67.250	P1	2.9	2.3	-0.6	-0.7	0.6	1.3	347	346	-1	93	57	-36	40	203
42.200	-67.250	P1	1.7	2.4	0.7	0.0	0.6	0.6	323	347	24	25	55	30	5	203
42.050	-67.250	P2	2.3±0.3	6.7	4.4	-0.1±0.1	-2.3	-2.2	320±07	3	43	43±07	82	39	14	50
42.050	-67.250	P2	1.8	6.0	4.2	0.3	-2.0	-2.3	327	4	37	114	82	-32	30	50
41.883	-67.250	P3	2.4	5.4	3.0	-0.6	-2.7	-2.1	30	22	-8	107	85	-22	15	45
41.883	-67.250	P3	1.9	5.0	3.1	0.1	-2.4	-2.5	39	22	-17	128	86	-42	30	45
41.883	-67.250	P3	5.8	4.7	-1.1	-1.7	-2.3	-0.6	43	22	-21	93	86	-7	40	45
41.333	-67.267	M3	2.5	4.6	2.1	-2.1	-3.1	-1.0	99	99	0	60	43	-17	36	44
40.900	-67.400	M9	1.1	2.3	1.2	-0.4	-1.7	-1.3	86	128	42	68	33	-35	71	79
40.850	-67.400	A	2.4±1.0	2.9	0.5	-1.1±0.7	-2.4	-1.3	158±41	133	-25	353±49	27	34	15	85
40.850	-67.400	A	1.9±0.6	2.7	0.8	-1.2±0.5	-2.2	-1.0	100±41	133	33	24±66	30	6	45	85
40.850	-67.400	A	1.6±0.4	2.3	0.7	-0.8±0.5	-1.9	-1.1	96±51	132	36	51±50	34	-17	75	85
40.850	-67.400	A	1.3±0.4	1.9	0.6	-0.7±0.3	-1.5	-0.8	89±22	131	42	47±10	35	-12	84	85
41.400	-67.567	C	2.6±0.3	4.6	2.0	-1.1±0.2	-3.6	-2.5	43±04	44	1	58±09	68	10	15	38
41.067	-67.567	K	2.0±0.4	4.1	2.1	-0.9±0.2	-3.2	-2.3	98±51	123	25	41±49	24	-17	10	64
41.067	-67.567	K	2.2±1.0	4.0	1.8	-1.1±1.1	-3.2	-2.1	96±20	123	27	33±26	24	-9	15	64
41.067	-67.567	K	2.0±0.4	3.7	1.7	-0.9±0.2	-2.9	-2.0	98±51	121	23	41±49	27	-14	34	64
41.067	-67.567	K	2.1±0.4	3.0	0.9	-1.4±0.3	-2.3	-0.9	94±36	120	26	56±26	30	-26	54	64
41.067	-67.567	K	1.7±0.2	2.5	0.8	-1.1±0.2	-1.9	-0.8	105±22	119	14	48±09	31	-17	58	64
41.067	-67.567	K	1.7±0.5	2.5	0.8	-1.3±0.5	-1.9	-0.6	95±36	119	24	36±33	31	-5	60	64
41.983	-67.783	D	2.0±0.3	2.6	0.6	-0.2±0.3	-0.6	-0.4	352±08	17	25	45±11	52	7	15	84
40.850	-68.817	M	6.2±0.8	7.1	0.9	-1.4±0.8	-2.6	-1.2	77±11	81	4	75±07	65	-10	10	66
40.850	-68.817	M	5.4±0.1	6.0	0.6	-1.6±0.7	-1.9	-0.3	69±15	81	12	71±07	67	-4	51	66
40.817	-69.000	B	5.0±1.0	6.8	1.8	-1.4±0.7	-1.5	-0.1	69±03	90	21	67±01	60	-7	58	78
40.850	-69.017	GSC2	7.4	8.1	0.7	-1.3	-2.0	-0.7	82	90	8	63	60	-3	10	83
40.850	-69.017	GSC2	7.1	7.5	0.4	-0.8	-1.6	-0.8	83	90	7	64	62	-2	42	83
40.850	-69.017	GSC2	7.7	6.0	-1.7	1.1	-1.0	-2.1	112	88	-24	67	64	-3	76	83
40.850	-69.017	N	4.2±1.2	6.4	2.2	-1.1±0.5	-1.2	-0.1	123±11	89	-34	59±05	63	4	68	83
40.500	-69.117	R	2.5±0.6	5.4	2.9	-0.9±0.3	-2.5	-1.6	97±18	108	11	38±18	38	0	79	80
40.867	-69.183	GSC1	6.8	8.6	1.8	-0.1	-2.1	-2.0	80	81	1	55	50	-5	27	64
40.867	-69.183	GSC1	5.6	7.7	2.1	0.0	-1.8	-1.8	80	80	0	46	51	5	49	64
40.567	-67.750	LCA	2.1±0.9	1.5	-0.5	-1.7±0.6	-1.4	0.3	103±17	118	15	27±20	43	16	80	100
40.567	-67.750	LCA	1.1±0.1	1.2	0.1	-0.8±0.1	-1.1	-0.3	144±17	124	-20	42±16	39	-3	99	100
40.533	-67.717	LCB	1.8±0.5	1.1	-0.7	-1.1±0.3	-0.9	0.2	74±64	112	38	41±36	48	7	92	282
40.533	-67.717	LCB	0.6±0.2	1.1	0.5	-0.1±0.2	-0.9	-0.8	128±81	110	-18	82±57	84	2	227	282
40.533	-67.717	LCB	0.6±0.4	1.1	0.5	0.0±0.1	-0.9	-0.9	117±77	110	-7	82±75	84	2	277	282
40.483	-67.733	LCC	1.2±0.6	0.7	-0.5	-0.3±0.3	-0.5	-0.2	80±47	93	13	55±60	60	5	134	184
40.483	-67.683	LCD	1.0±0.7	0.6	-0.4	-0.4±0.4	-0.4	0.0	81±75	86	5	69±67	72	3	143	193
40.383	-67.550	LCI	2.6±0.9	0.2	-2.4	-0.4±0.3	0.1	0.5	311±90	287	-24	337±59	332	-5	10	250

40.383	-67.550	LCI	1.5±0.5	0.2	-1.3	-0.3±0.5	0.1	0.4	274±68	287	13	337±56	332	-5	55	250
40.383	-67.550	LCI	1.0±0.3	0.2	-0.8	-0.3±0.3	0.1	0.4	282±66	285	3	299±56	330	31	195	250
40.383	-67.550	LCI	0.8±0.5	0.2	-0.6	0.1±0.4	0.1	0.0	238±80	277	39	312±29	321	9	245	250
40.533	-67.600	LCL	2.3±0.4	1.2	-1.0	-1.3±0.4	-1.1	0.2	62±47	107	45	55±59	59	4	65	125
40.533	-67.600	LCL	1.9±0.3	1.1	-0.8	-0.9±0.7	-1.0	-0.1	84±45	97	13	67±39	73	6	105	125
40.500	-67.817	LCM	1.8±0.4	1.3	-0.5	-0.9±0.6	-1.1	-0.2	89±81	82	-7	66±65	73	7	103	123
40.500	-67.817	LCM	1.5±0.5	1.2	-0.3	-0.6±0.6	-1.0	-0.4	86±33	80	-6	68±36	77	9	119	123
40.617	-69.617	NANTUCKET LS	5.7±0.6	7.8	2.1	-3.9±1.1	-4.0	-0.1	130±07	129	-1	350±06	1	11	2	55
41.517	-69.600	NSA	6.5	3.4	-3.1	-1.6	0.0	1.6	365	340	-25	81	74	-7	5	33
41.517	-69.600	NSA	2.0	3.0	1.0	-0.9	0.0	0.9	352	341	-11	63	77	14	25	33
41.433	-69.733	NSB	2.5	4.1	1.6	-0.8	-2.6	-1.8	18	4	-14	18	19	1	10	22
41.617	-69.733	NSD	0.6	2.7	2.1	-0.5	-1.8	-1.3	357	332	-25	8	29	21	16	33
41.617	-69.900	POLLOCK RIP	0.5	3.5	3.0	0.3	-0.7	-1.0	382	341	-41	125	123	-2	2	14
41.400	-69.917	GREAT ROUND	5.4	5.1	-0.3	-0.2	-1.1	-0.9	64	68	4	96	97	1	2	22
41.617	-69.983	NSC	4.0	2.3	-1.7	-0.4	0.0	0.4	10	1	-9	348	7	19	8	16
40.717	-70.017	I	3.2	9.9	6.7	-1.9	-3.9	-2.0	122	115	-7	367	360	-7	18	41
40.983	-70.067	NSE	4.8	8.3	3.5	-2.3	-7.2	-4.9	116	119	3	290	330	40	10	22
40.683	-70.133	NSFE1	6.4	11.6	5.2	-4.3	-5.0	-0.7	140	141	1	329	332	3	10	46
40.683	-70.133	NSFE1	4.0	9.0	5.0	-2.1	-3.5	-1.4	146	141	-5	333	333	0	30	46
40.500	-70.217	Q	4.5±0.9	7.3	2.8	-3.0±1.0	-5.0	-2.0	158±49	157	-1	325±30	338	13	10	67
40.500	-70.217	Q	4.2±1.0	6.8	2.6	-2.6±0.8	-4.4	-1.8	148±14	159	11	337±12	339	2	31	67
40.500	-70.217	Q	3.6±1.4	5.6	2.0	-2.4±1.1	-3.4	-1.0	148±24	158	10	357±27	343	-14	51	67
40.500	-70.217	Q	3.5±0.5	4.3	0.8	-2.1±0.4	-2.6	-0.5	182±11	158	-24	350±10	344	-6	57	67
40.500	-70.217	Q	2.1±0.5	5.3	3.2	-1.1±0.6	-3.3	-2.2	138±17	158	20	326±24	343	17	66	67
40.333	-70.267	NSFE3	3.4	5.8	2.4	-2.9	-4.1	-1.2	140	149	9	363	347	-16	10	88
40.333	-70.267	NSFE3	2.7	5.8	3.1	-1.8	-4.1	-2.3	143	151	8	364	348	-16	30	88
40.333	-70.267	NSFE3	2.4	5.3	2.9	-1.8	-3.7	-1.9	133	154	21	367	349	-18	70	88
40.217	-70.300	NSFE4	3.2	5.0	1.8	-2.4	-4.0	-1.6	118	151	33	388	351	-37	10	105
40.217	-70.300	NSFE4	2.5	5.0	2.5	-1.6	-4.0	-2.4	140	151	11	367	352	-15	30	105
40.217	-70.300	NSFE4	3.2	5.1	1.9	-2.0	-4.1	-2.1	124	152	28	366	352	-14	60	105
40.217	-70.300	NSFE4	2.5	4.9	2.4	-2.0	-4.0	-2.0	138	153	15	364	353	-11	90	105
40.033	-70.367	NSFE5	1.8	1.8	0.0	-1.5	-1.5	0.0	36	28	-8	110	118	8	10	198
40.033	-70.367	NSFE5	2.0	1.8	-0.2	-1.8	-1.5	0.3	5	28	23	121	118	-3	30	198
40.033	-70.367	NSFE5	1.6	1.8	0.1	-1.3	-1.5	-0.2	59	28	-31	78	118	40	90	198
40.033	-70.367	NSFE5	1.7	1.8	0.0	-1.3	-1.5	-0.2	10	28	18	121	118	-3	120	198
40.033	-70.367	NSFE5	1.6	1.8	0.1	-1.3	-1.5	-0.2	5	28	23	129	118	-11	185	198
40.483	-70.500	P	3.6±1.5	4.0	0.4	-1.9±0.4	-2.5	-0.6	153±46	162	9	380±24	358	-22	61	71
40.483	-70.500	P	1.7±0.3	3.5	1.8	-0.6±0.3	-2.2	-1.6	144±43	162	18	371±11	358	-13	70	71
40.300	-70.867	NES743	3.3	4.3	1.0	-2.5	-3.0	-0.5	168	168	0	9	2	-7	20	105
40.300	-70.867	NES743	2.6	4.3	1.7	-1.4	-3.0	-1.6	162	170	8	14	3	-11	60	105
40.583	-70.983	NES742	3.8	4.5	0.7	-2.8	-2.8	0.0	173	170	-3	357	3	6	20	74
40.583	-70.983	NES742	2.5	4.3	1.8	-0.9	-2.5	-1.6	371	352	-19	189	188	-1	60	74
41.450	-71.017	HENS & CHICK	1.1	2.3	1.2	0.1	-0.2	-0.3	101	96	-5	19	24	5	2	18
40.467	-71.200	NES762	3.1	4.5	1.4	-1.6	-2.6	-1.0	251	255	4	189	193	4	38	83
40.467	-71.200	NES762	2.7	3.7	1.0	-1.3	-2.0	-0.7	247	256	9	201	199	-2	73	83
40.933	-71.217	NES741	3.2	3.6	0.4	-1.8	-1.6	0.1	167	167	0	4	10	6	28	58
41.433	-71.383	BRENTON REEF	1.3	1.6	0.3	-0.2	0.1	0.3	279	282	3	267	260	-7	2	26
39.917	-71.967	NES762W	3.4	4.1	0.7	-2.3	-2.8	-0.5	7	31	24	214	215	1	38	83
40.200	-72.000	LT5	3.8±1.5	4.8	1.0	-2.1±0.9	-2.9	-0.8	249±08	216	-33	58±23	26	-32	21	67
40.200	-72.000	LT5	4.4±1.5	4.7	0.3	-2.2±0.8	-2.8	-0.6	255±99	218	-37	56±69	28	-28	41	67
40.200	-72.000	LT5	2.6±0.2	4.1	1.5	-1.1±0.1	-2.4	-1.3	199±17	202	3	48±08	47	-1	61	67

40.200	-72.000	LT5	1.9±0.2	4.0	2.1	-0.8±0.2	-2.3	-1.5	202±12	187	-15	52±12	62	10	66	67
40.567	-72.317	LT4	2.0±0.6	4.1	2.1	-0.6±1.0	-1.3	-0.7	248±33	204	-44	14±33	19	5	3	52
40.567	-72.317	LT4	5.7±1.2	4.0	-1.7	-1.4±0.9	-1.2	0.2	201±23	207	6	11±16	21	10	24	52
40.567	-72.317	LT4	3.8±0.7	3.8	0.0	-0.9±0.8	-0.9	0.0	213±21	207	-6	26±14	26	0	44	52
40.567	-72.317	LT4	1.6±0.4	3.3	1.7	-0.4±0.0	-0.6	-0.2	26±03	26	0	218±04	210	-8	51	52
40.783	-72.483	CMICE	3.5	4.5	1.0	0.3	-0.5	-0.8	176	172	-4	89	96	7	4	29
40.783	-72.483	CMICE	3.3	4.3	1.0	0.2	-0.4	-0.6	175	171	-4	86	97	11	8	29
40.783	-72.483	CMICE	3.4	3.8	0.4	-0.4	-0.2	0.2	169	157	-12	163	139	-24	16	29
40.783	-72.483	CMICE	2.1	3.3	1.2	1.0	-0.1	-1.1	167	130	-37	177	168	-9	25	29
39.950	-72.600	ME	2.6	3.0	0.4	-0.6	-1.6	-1.0	208	238	30	22	40	18	59	60
38.917	-72.967	NJ4	3.9	3.1	-0.8	-2.6	-1.6	0.9	123	89	-34	301	304	3	3	92
38.917	-72.967	NJ4	1.6	3.1	1.5	-0.6	-1.7	-1.1	95	89	-6	302	304	2	43	92
38.917	-72.967	NJ4	0.1	3.1	3.0	0.0	-1.7	-1.7	59	89	30	315	305	-10	91	92
39.450	-73.000	MA	1.0±0.1	2.2	1.2	-0.6±0.0	-1.9	-1.3	330±28	321	-9	127±02	113	-14	58	59
39.267	-73.033	LT3	1.6	3.1	1.5	-1.0	-1.6	-0.6	57	89	32	329	304	-25	9	70
39.267	-73.033	LT3	2.3	3.1	0.8	-1.3	-1.7	-0.4	90	89	-1	286	304	18	19	70
39.267	-73.033	LT3	1.8	3.1	1.3	-1.4	-1.7	-0.3	94	89	-5	270	304	34	58	70
39.917	-73.100	MESA7	3.0	2.8	-0.2	-1.7	-1.1	0.6	282	261	-21	65	33	-32	18	68
39.917	-73.100	MESA7	1.6	2.5	0.9	-0.4	-0.8	-0.4	223	261	38	37	37	0	38	68
39.917	-73.100	MESA7	0.5	2.5	2.0	0.4	-0.8	-1.2	244	261	17	24	37	13	66	68
40.483	-73.183	FIRE IS.	1.5	3.4	1.9	-0.4	-0.8	-0.3	211	245	34	31	17	-14	2	29
38.517	-73.233	MF	1.9±1.1	3.4	1.5	-0.8±1.6	0.4	1.2	226±88	247	21	348±27	340	-8	15	234
38.517	-73.233	MF	0.4±0.1	3.4	3.0	-0.1±0.1	0.4	0.5	259±101	247	-12	328±51	339	11	232	234
38.550	-73.517	MC	1.1	9.5	8.4	-0.5	-4.7	-4.2	209	214	5	372	345	-27	79	80
38.733	-73.633	MB	2.9±0.9	6.1	3.2	-1.1±0.7	-4.2	-3.1	284±50	294	10	311±72	318	7	15	60
38.733	-73.633	MB	2.1±0.3	3.2	1.1	-1.2±0.4	-2.4	-1.2	298±35	294	-4	320±17	322	2	45	60
38.733	-73.633	MB	1.8±0.7	3.2	1.4	-0.9±0.4	-2.4	-1.5	288±31	294	6	322±74	322	0	50	60
38.733	-73.633	MB	1.8±0.1	4.9	3.1	-1.0±0.3	-3.5	-2.5	310±08	290	-20	358±00	325	-33	54	60
38.733	-73.633	MB	0.9±0.2	4.6	3.7	-0.2±0.6	-3.4	-3.2	284±28	290	6	290±59	325	35	59	60
39.400	-73.717	LT2	3.1±1.1	2.0	-1.1	-1.3±0.8	-0.4	0.9	339±39	350	11	125±03	112	-13	3	34
39.400	-73.717	LT2	5.2±1.4	1.9	-3.3	-1.5±0.7	-0.4	1.1	343±26	349	6	133±09	114	-19	15	34
39.767	-73.933	BARNEGAT	1.1	2.7	1.6	-0.2	-0.2	0.0	329	303	-26	64	64	0	2	24
38.983	-74.033	MD	1.1±0.4	2.5	1.4	0.0±0.0	-1.0	-1.0	298±26	295	-3	353±30	358	5	40	41
39.467	-74.250	L.EGG INLET	3.6	1.4	-2.2	-0.7	0.4	1.1	247	254	7	47	36	-11	5	12
39.467	-74.250	L.EGG INLET	2.8	1.5	-1.3	-0.1	0.4	0.5	244	254	10	60	35	-25	10	12
Average abs. deviation					1.4			0.9			14.3			12.8		
Standard deviation					2.1			1.4			18.7			17.2		