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Route Summary

	PWG	PWE	GFS	ECMWF
Start Time	16 May 16:00	16 May 16:00	16 May 16:00	16 May 16:00
Finish Time	20 May 04:04	20 May 17:08	20 May 06:22	19 May 22:27
Time Taken	3 days 12hr 4m	4 days 1hr 8m	3 days 14hr 22m	3 days 6hr 27m
Distance Travelled	902.0km, 487.0nm	963.3km, 520.2nm	869.4km, 469.4nm	909.3km, 491.0nm

	SPIRE	UKMO
Start Time	16 May 16:00	16 May 16:00
Finish Time	20 May 08:30	20 May 12:08
Time Taken	3 days 16hr 30m	3 days 20hr 8m
Distance Travelled	896.6km, 484.1nm	959.3km, 518.0nm

PWG Route

PWG												
Time	TWS	TWD	TWA	SOG	COG	Swell	Swell	Curr	Curr	Latitude	Longitude	
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)			
16 May 16:00	11.4	11.4	S74	5.9	169	0.6	209	0.1	172	38 57.414 N	76 26.352 W	
16 May 17:06	15.0	15.0	S58	5.8	178	0.6	212	0.1	184	38 50.687 N	76 24.368 W	
16 May 18:36	9.7	9.7	S83	6.2	184	0.5	217	0.1	191	38 42.253 N	76 22.390 W	
16 May 19:39	9.0	9.0	S107	5.3	174	0.4	216	0.1	172	38 35.732 N	76 22.664 W	
16 May 20:38	9.4	9.4	S118	5.2	164	0.4	218	0.1	175	38 30.542 N	76 21.930 W	
16 May 23:28	13.1	13.1	P153	5.7	112	0.4	192	0.1	156	38 16.405 N	76 16.711 W	
17 May 00:25	13.2	13.2	P147	5.9	106	0.5	211	0.1	153	38 12.886 N	76 12.457 W	
17 May 01:00	11.9	11.9	S145	5.1	171	0.6	236	0.1	151	38 11.928 N	76 8.194 W	
17 May 02:09	8.6	8.6	S128	4.8	178	0.6	243	0.1	164	38 6.123 N	76 6.960 W	
17 May 03:28	11.6	11.6	S146	5.8	182	0.7	236	0.2	171	37 59.841 N	76 6.731 W	
17 May 04:42	15.0	15.0	P156	6.4	132	0.7	229	0.2	175	37 52.467 N	76 7.009 W	
17 May 05:15	15.0	15.0	S155	6.2	181	0.8	251	0.2	175	37 50.177 N	76 3.754 W	
17 May 07:11	13.1	13.1	S145	6.3	190	1.2	311	0.2	180	37 38.536 N	76 4.047 W	
17 May 08:48	12.4	12.4	S149	5.5	190	1.7	341	0.3	180	37 28.499 N	76 6.341 W	
17 May 10:59	6.4	6.4	P156	2.7	154	2.6	358	0.2	191	37 18.463 N	76 8.635 W	
17 May 14:19	4.6	4.6	P120	4.1	147	2.5	1	0.1	186	37 11.530 N	76 4.394 W	
17 May 15:52	13.4	13.4	P66	6.3	108	2.0	28	0.1	191	37 4.768 N	75 58.897 W	
17 May 17:12	11.7	11.7	S62	5.3	0	2.2	60	0.1	201	37 3.089 N	75 49.868 W	
17 May 17:31	14.3	14.3	S45	4.9	20	2.1	64	0.1	209	37 4.796 N	75 49.862 W	





PWG											
Time	TWS	TWD	TWA	SOG	COG	Swell	Swell	Curr	Curr	Latitude	Longitude
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)		
17 May 19:49	10.9	10.9	S56	3.9	29	2.0	75	0.2	184	37 15.719 N	75 44.804 W
17 May 21:18	11.1	11.1	S56	3.9	17	2.0	78	0.2	183	37 20.804 N	75 41.273 W
17 May 22:42	10.9	10.9	P55	3.9	115	2.3	79	0.2	193	37 26.026 N	75 39.247 W
17 May 23:47	10.4	10.4	S56	3.1	355	2.5	80	0.2	200	37 27.527 N	75 36.983 W
18 May 01:06	8.9	8.9	P50	2.8	80	2.4	83	0.2	213	37 31.556 N	75 37.471 W
18 May 01:40	9.5	9.5	P52	3.5	75	2.4	84	0.2	215	37 32.341 N	75 36.715 W
18 May 02:46	13.5	13.5	S54	4.2	327	2.6	83	0.4	209	37 33.329 N	75 31.943 W
18 May 03:42	14.7	14.7	P61	6.0	78	2.7	82	0.4	209	37 35.375 N	75 29.426 W
18 May 06:16	13.4	13.4	P58	4.2	93	3.2	78	0.4	212	37 38.540 N	75 11.095 W
18 May 07:21	13.4	13.4	S56	4.7	349	3.3	77	0.5	211	37 38.299 N	75 5.324 W
18 May 09:53	12.1	12.1	S66	5.0	349	2.9	80	0.6	218	37 50.369 N	75 8.167 W
18 May 12:08	11.6	11.6	S72	6.4	6	2.1	84	0.3	205	38 2.440 N	75 11.010 W
18 May 13:04	11.7	11.7	S73	6.6	21	1.9	84	0.2	197	38 8.345 N	75 10.236 W
18 May 14:59	12.1	12.1	S105	7.1	11	1.8	81	0.2	201	38 21.691 N	75 3.664 W
18 May 17:07	13.2	13.2	S113	7.6	20	2.2	76	-	-	38 36.164 N	75 0.099 W
18 May 17:35	13.6	13.6	S103	8.1	33	2.3	77	0.2	202	38 39.442 N	74 58.582 W
18 May 20:16	15.1	15.1	S115	8.5	37	2.7	91	0.1	234	38 57.937 N	74 42.956 W
18 May 21:41	15.1	15.1	S119	8.4	41	3.2	102	0.1	231	39 7.355 N	74 33.889 W
19 May 00:15	12.8	12.8	S137	6.2	37	3.2	118	0.1	13	39 22.300 N	74 16.771 W
19 May 01:11	12.3	12.3	S140	5.8	40	3.2	124	0.1	9	39 27.008 N	74 12.236 W
19 May 02:11	11.3	11.3	S142	5.3	43	3.3	128	0.1	11	39 31.410 N	74 7.453 W
19 May 04:35	10.3	10.3	S151	4.7	43	3.1	135	0.2	17	39 40.417 N	73 56.378 W
19 May 08:48	9.0	9.0	S156	4.1	36	2.6	141	0.2	60	39 53.927 N	73 39.767 W
19 May 09:58	9.6	9.6	P156	4.2	345	2.5	142	0.1	32	39 57.852 N	73 35.989 W
19 May 11:17	10.9	10.9	S151	5.0	34	2.4	143	0.1	3	40 2.698 N	73 32.960 W
19 May 11:59	11.9	11.9	S138	6.0	41	2.4	143	0.1	342	40 5.599 N	73 30.440 W
19 May 13:40	13.7	13.7	S121	8.0	48	2.3	144	0.1	4	40 13.856 N	73 21.125 W
19 May 14:56	14.6	14.6	S117	8.7	53	2.2	146	0.1	1	40 20.644 N	73 11.314 W
19 May 16:48	15.8	15.8	S112	9.0	57	2.1	148	0.1	48	40 30.467 N	72 54.214 W
19 May 18:30	15.9	15.9	S115	8.9	58	2.0	147	0.3	68	40 38.891 N	72 37.370 W
19 May 21:21	14.7	14.7	S132	7.5	53	2.0	146	0.1	58	40 51.781 N	72 10.221 W
19 May 21:57	15.1	15.1	S139	7.2	49	2.0	146	0.1	23	40 54.476 N	72 5.443 W
20 May 00:03	15.5	15.5	S146	6.8	49	2.0	144	0.2	97	41 4.198 N	71 50.352 W
20 May 02:20	14.2	14.2	S147	6.6	58	2.0	143	0.2	64	41 13.920 N	71 35.260 W
20 May 03:09	14.0	14.0	S152	6.1	53	2.2	144	0.2	83	41 16.784 N	71 29.227 W
20 May 03:53	14.1	14.1	P145	6.5	351	2.2	145	0.1	79	41 19.478 N	71 24.449 W





PWE Route

PWE											
Time	TWS	TWD	TWA	SOG	COG	Swell	Swell	Curr	Curr	Latitude	Longitude
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)		
16 May 16:00	12.4	12.4	S45	3.8	116	0.6	209	0.1	172	38 57.414 N	76 26.352 W
16 May 17:01	18.4	18.4	S49	4.8	116	0.5	211	0.1	169	38 54.307 N	76 26.614 W
16 May 18:19	25.5	25.5	S47	4.7	116	0.5	215	0.1	188	38 49.392 N	76 28.889 W
16 May 18:42	25.7	25.7	P45	4.6	208	0.5	217	0.1	191	38 48.640 N	76 26.885 W
16 May 19:57	16.3	16.3	S48	4.7	116	0.3	214	-	-	38 43.555 N	76 30.416 W
16 May 21:21	17.7	17.7	P43	4.4	221	0.3	228	0.1	181	38 39.320 N	76 27.671 W
16 May 21:54	14.0	14.0	S37	4.1	147	0.3	229	0.1	178	38 37.511 N	76 29.685 W
17 May 00:45	15.4	15.4	P53	5.5	260	0.4	249	0.2	164	38 25.523 N	76 19.940 W
17 May 01:13	14.9	14.9	S53	5.5	159	0.4	250	0.2	160	38 23.815 N	76 19.946 W
17 May 03:50	12.6	12.6	S66	6.3	172	0.6	247	0.1	157	38 8.926 N	76 12.722 W
17 May 05:45	12.7	12.7	S70	6.5	172	0.8	276	0.2	173	37 56.899 N	76 10.534 W
17 May 07:39	12.2	12.2	S78	7.4	172	1.1	313	0.2	181	37 44.873 N	76 8.346 W
17 May 09:18	10.7	10.7	S84	6.3	172	1.8	345	0.3	176	37 32.846 N	76 6.158 W
17 May 11:29	7.0	7.0	S83	3.5	172	2.4	355	0.2	187	37 20.820 N	76 3.970 W
17 May 13:14	5.2	5.2	S71	2.4	147	2.4	356	0.1	187	37 14.807 N	76 2.876 W
17 May 14:00	4.0	4.0	P2	1.5	192	2.3	0	0.1	193	37 13.270 N	76 1.627 W
17 May 15:20	7.0	7.0	S58	2.7	59	2.2	4	0.1	209	37 11.324 N	76 2.136 W
17 May 16:40	11.3	11.3	P60	4.8	159	1.9	17	0.1	226	37 7.465 N	76 0.393 W
17 May 17:36	12.6	12.6	S54	4.9	59	2.1	41	0.1	208	37 3.299 N	75 58.400 W
17 May 19:14	10.6	10.6	S82	6.5	66	2.0	70	0.1	218	37 7.835 N	75 48.848 W
17 May 20:35	12.4	12.4	S82	7.6	59	2.9	68	0.3	188	37 10.833 N	75 38.046 W
17 May 21:51	14.0	14.0	S65	6.1	357	3.1	69	0.4	191	37 17.350 N	75 31.498 W
18 May 01:12	19.3	19.3	P54	5.7	102	2.4	83	-	-	37 36.811 N	75 32.684 W
18 May 03:28	20.0	20.0	P63	6.2	103	3.2	76	0.2	235	37 34.003 N	75 16.465 W
18 May 05:23	22.2	22.2	P63	5.8	104	3.6	73	0.4	211	37 31.229 N	75 1.668 W
18 May 07:29	23.0	23.0	S56	5.2	1	3.9	72	0.4	208	37 28.490 N	74 48.294 W
18 May 09:28	21.8	21.8	S61	5.8	359	3.5	73	0.4	212	37 39.279 N	74 48.004 W
18 May 10:50	21.8	21.8	S65	6.3	355	3.4	73	0.5	217	37 47.268 N	74 48.227 W
18 May 13:39	16.7	16.7	S63	5.8	0	2.9	73	0.5	227	38 5.091 N	74 50.171 W
18 May 15:41	14.1	14.1	S57	6.1	6	2.7	73	0.4	205	38 17.040 N	74 50.129 W
18 May 18:27	12.8	12.8	S60	5.6	16	2.8	78	0.2	222	38 33.904 N	74 47.810 W
18 May 20:36	12.2	12.2	S64	5.6	20	3.1	87	0.2	238	38 45.749 N	74 43.502 W
18 May 22:55	11.1	11.1	S63	5.1	33	3.5	106	0.1	225	38 58.856 N	74 37.432 W
19 May 01:19	9.2	9.2	S78	5.2	33	3.7	119	0.1	306	39 9.173 N	74 28.863 W





PWE											
Time	TWS	TWD	TWA	SOG	COG	Swell	Swell	Curr	Curr	Latitude	Longitude
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)		
19 May 03:43	6.7	6.7	S88	4.7	33	3.3	127	0.1	38	39 19.490 N	74 20.294 W
19 May 06:42	3.7	3.7	S91	2.9	20	2.8	134	0.2	22	39 29.807 N	74 11.725 W
19 May 07:55	2.7	2.7	S78	2.7	13	2.7	134	0.3	24	39 33.085 N	74 10.207 W
19 May 09:48	4.2	4.2	S85	3.6	23	2.4	133	0.3	25	39 38.068 N	74 8.683 W
19 May 11:12	4.8	4.8	S97	4.0	18	1.9	133	0.3	24	39 42.676 N	74 6.158 W
19 May 13:39	10.3	10.3	S106	6.7	32	2.1	133	0.3	16	39 53.359 N	74 1.603 W
19 May 14:49	12.3	12.3	S101	7.9	49	2.3	136	0.2	28	39 59.945 N	73 55.807 W
19 May 15:24	12.4	12.4	S96	8.4	58	2.4	138	0.2	27	40 2.947 N	73 51.280 W
19 May 16:51	13.9	13.9	S95	9.2	64	2.3	140	0.1	11	40 9.631 N	73 37.202 W
19 May 18:47	14.7	14.7	S106	9.0	71	2.4	141	0.1	5	40 17.404 N	73 16.345 W
19 May 20:27	15.5	15.5	S114	8.6	70	2.4	141	0.1	30	40 22.276 N	72 58.008 W
19 May 22:05	14.2	14.2	S123	7.6	74	2.5	141	0.1	6	40 26.858 N	72 41.177 W
19 May 23:57	11.4	11.4	S137	5.4	68	2.6	140	0.1	26	40 30.587 N	72 24.350 W
20 May 01:03	9.3	9.3	S143	4.5	73	2.7	140	0.2	21	40 32.769 N	72 17.065 W
20 May 01:40	8.1	8.1	P155	3.6	19	2.7	140	0.2	17	40 33.586 N	72 13.549 W
20 May 03:27	7.6	7.6	P142	4.0	17	2.8	140	0.2	25	40 39.593 N	72 10.767 W
20 May 04:58	8.3	8.3	P146	4.1	21	2.8	141	0.3	47	40 45.362 N	72 8.488 W
20 May 08:15	4.0	4.0	P105	2.5	8	2.6	142	0.1	43	40 56.523 N	72 2.927 W
20 May 09:24	4.3	4.3	S152	2.3	62	2.5	142	0.1	44	40 59.323 N	72 2.415 W
20 May 11:32	5.0	5.0	S109	3.6	71	2.9	138	0.1	25	41 1.641 N	71 56.635 W
20 May 12:26	8.0	8.0	S145	4.5	41	3.2	136	0.1	80	41 2.697 N	71 52.616 W
20 May 13:47	13.0	13.0	S141	6.6	50	3.2	137	0.2	92	41 7.337 N	71 47.329 W
20 May 15:22	14.3	14.3	S148	6.5	54	3.3	138	0.2	58	41 14.057 N	71 36.765 W





GFS Route

GFS											
Time	TWS	TWD	TWA	SOG	COG	Swell	Swell	Curr	Curr	Latitude	Longitude
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)		
16 May 16:00	8.6	8.6	S53	3.5	173	0.6	209	0.1	172	38 57.414 N	76 26.352 W
16 May 17:57	9.1	9.1	S61	4.0	173	0.5	214	0.1	183	38 50.696 N	76 25.246 W
16 May 19:38	8.1	8.1	S67	3.8	173	0.3	218	0.1	189	38 43.978 N	76 24.141 W
16 May 21:27	8.9	8.9	S63	4.3	173	0.4	230	0.1	176	38 37.260 N	76 23.036 W
16 May 23:01	7.8	7.8	S100	4.8	160	0.4	236	0.1	176	38 30.542 N	76 21.930 W
17 May 01:48	7.0	7.0	S114	4.3	147	0.4	240	0.2	155	38 18.658 N	76 16.451 W
17 May 03:46	9.2	9.2	S119	5.4	160	0.6	255	0.1	153	38 11.281 N	76 10.455 W
17 May 04:56	10.2	10.2	S105	6.3	176	0.8	260	0.2	166	38 5.338 N	76 7.715 W
17 May 07:20	13.1	13.1	S132	6.8	193	1.2	312	0.2	175	37 50.691 N	76 6.262 W
17 May 08:36	14.6	14.6	S136	7.4	200	1.4	333	0.2	181	37 42.123 N	76 9.053 W
17 May 09:34	16.5	16.5	S147	6.7	203	1.8	352	0.2	163	37 35.570 N	76 12.088 W
17 May 10:24	15.2	15.2	P147	6.8	147	2.2	2	0.1	163	37 30.416 N	76 14.866 W
17 May 12:49	16.8	16.8	S157	6.2	200	2.4	355	0.1	187	37 16.275 N	76 3.373 W
17 May 13:28	17.1	17.1	P147	7.0	147	2.6	359	0.1	183	37 12.452 N	76 5.143 W
17 May 14:49	10.7	10.7	P68	4.5	113	2.1	25	0.1	178	37 4.768 N	75 58.897 W
17 May 16:07	11.4	11.4	P48	3.8	109	2.1	57	0.1	194	37 2.442 N	75 52.129 W
17 May 17:54	12.5	12.5	S49	4.2	7	2.9	59	0.2	199	37 0.287 N	75 44.107 W
17 May 19:40	11.8	11.8	S53	4.5	20	2.7	67	0.3	190	37 8.138 N	75 42.823 W
17 May 22:06	11.2	11.2	S58	4.6	30	2.6	75	0.3	182	37 19.061 N	75 37.766 W
17 May 23:53	11.8	11.8	S64	5.2	25	2.7	77	0.3	200	37 26.261 N	75 32.470 W
18 May 03:50	12.6	12.6	S56	4.4	20	2.7	85	0.3	221	37 44.077 N	75 21.866 W
18 May 04:30	13.0	13.0	S49	3.9	23	2.6	85	0.3	219	37 46.808 N	75 20.602 W
18 May 07:00	12.7	12.7	S57	5.0	20	2.2	83	0.5	210	37 56.023 N	75 15.550 W
18 May 07:56	12.2	12.2	S60	4.6	26	2.0	83	0.4	207	38 0.392 N	75 13.526 W
18 May 09:06	10.9	10.9	S61	4.0	20	2.1	82	0.3	197	38 5.239 N	75 10.498 W
18 May 11:43	7.9	7.9	S55	2.9	20	2.2	81	-	-	38 13.976 N	75 6.452 W
18 May 14:46	8.0	8.0	S54	2.9	20	1.9	81	0.2	200	38 22.168 N	75 2.659 W
18 May 18:06	8.6	8.6	S67	4.4	31	2.3	77	0.2	182	38 32.545 N	74 57.853 W
18 May 18:48	9.6	9.6	S71	5.6	37	2.5	79	0.2	187	38 35.206 N	74 55.836 W
18 May 21:47	13.5	13.5	S102	8.6	31	3.3	97	0.2	244	38 50.903 N	74 40.723 W
18 May 22:20	15.0	15.0	S92	9.8	38	3.5	101	0.1	228	38 54.896 N	74 37.697 W
19 May 00:16	16.0	16.0	S95	9.6	38	3.7	114	0.1	278	39 9.739 N	74 22.587 W
19 May 02:16	15.5	15.5	S106	9.1	38	3.5	125	0.1	354	39 24.581 N	74 7.477 W
19 May 05:17	12.3	12.3	S105	7.4	51	3.0	138	0.1	49	39 44.372 N	73 47.330 W





GFS CONTROL OF THE CO													
Time	TWS	TWD	TWA	SOG	COG	Swell	Swell	Curr	Curr	Latitude	Longitude		
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)				
19 May 06:25	10.4	10.4	S111	6.2	41	2.8	139	0.1	61	39 49.591 N	73 39.030 W		
19 May 08:28	8.9	8.9	S105	5.5	41	2.5	142	0.1	35	39 58.804 N	73 28.600 W		
19 May 10:44	8.3	8.3	S97	5.5	41	2.3	144	0.1	0	40 8.016 N	73 18.170 W		
19 May 13:55	10.7	10.7	S107	6.4	49	2.2	146	0.1	18	40 21.835 N	73 2.527 W		
19 May 17:15	8.4	8.4	S106	5.5	58	2.0	147	0.3	62	40 34.558 N	72 42.907 W		
19 May 19:26	10.0	10.0	S103	6.7	58	2.1	146	0.2	63	40 41.242 N	72 28.829 W		
19 May 22:36	10.2	10.2	S123	5.7	50	2.2	145	0.2	49	40 52.223 N	72 5.702 W		
20 May 00:03	9.6	9.6	S127	5.1	46	2.1	145	0.1	49	40 57.442 N	71 57.403 W		
20 May 02:40	8.4	8.4	S115	5.1	45	2.1	143	0.1	110	41 6.277 N	71 45.074 W		
20 May 04:48	8.9	8.9	S96	6.0	49	2.2	142	0.2	67	41 14.397 N	71 34.254 W		





ECMWF Route

ECMWF											
Time	TWS	TWD	TWA	SOG	COG	Swell	Swell	Curr	Curr	Latitude	Longitude
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)		
16 May 16:00	9.9	9.9	S84	7.0	172	0.6	209	0.1	172	38 57.414 N	76 26.352 W
16 May 17:47	12.3	12.3	S98	7.7	173	0.5	215	0.1	190	38 44.098 N	76 23.890 W
16 May 20:01	9.2	9.2	S140	4.3	159	0.4	215	0.1	172	38 29.381 N	76 21.683 W
16 May 22:56	6.5	6.5	S130	3.5	147	0.4	190	0.1	155	38 18.351 N	76 16.202 W
16 May 23:09	6.7	6.7	S115	4.1	164	0.4	191	0.1	156	38 17.736 N	76 15.702 W
17 May 01:59	13.1	13.1	P158	5.4	121	0.5	225	0.1	162	38 5.375 N	76 11.228 W
17 May 02:22	13.1	13.1	S145	6.2	176	0.6	234	0.1	166	38 4.315 N	76 8.974 W
17 May 05:34	11.0	11.0	S149	5.0	188	0.8	251	0.2	179	37 46.799 N	76 7.280 W
17 May 06:56	13.2	13.2	P162	5.5	147	1.1	307	0.2	176	37 39.802 N	76 8.560 W
17 May 07:16	14.1	14.1	S145	6.7	201	1.2	313	0.2	174	37 38.264 N	76 7.310 W
17 May 09:23	16.1	16.1	P149	6.9	147	1.6	355	-	-	37 24.919 N	76 13.882 W
17 May 10:50	17.5	17.5	P147	6.9	153	2.5	355	0.2	186	37 16.312 N	76 6.886 W
17 May 12:07	17.4	17.4	P147	6.8	147	2.1	0	0.1	172	37 8.456 N	76 1.895 W
17 May 12:49	17.7	17.7	P86	9.5	83	2.0	15	0.1	160	37 4.460 N	75 58.647 W
17 May 14:07	13.7	13.7	P87	7.9	93	2.7	60	0.2	177	37 5.954 N	75 43.835 W
17 May 14:46	13.5	13.5	P79	7.1	107	3.1	58	0.2	184	37 5.643 N	75 37.312 W
17 May 16:24	15.3	15.3	P62	6.0	107	3.7	53	0.2	213	37 2.461 N	75 24.273 W
17 May 18:18	14.1	14.1	S53	4.9	5	4.2	51	0.1	251	36 59.278 N	75 11.235 W
17 May 20:10	11.1	11.1	S75	6.0	6	4.1	57	0.1	229	37 9.145 N	75 10.196 W
17 May 22:38	10.1	10.1	S81	5.7	12	3.7	66	0.3	215	37 23.756 N	75 8.137 W
18 May 01:53	6.9	6.9	S85	3.9	2	3.4	74	0.4	208	37 39.868 N	75 3.813 W
18 May 04:35	8.1	8.1	S65	2.9	2	3.1	77	0.5	216	37 49.700 N	75 3.443 W
18 May 06:15	7.8	7.8	S67	2.8	355	3.1	76	0.6	215	37 54.617 N	75 3.258 W
18 May 08:03	6.7	6.7	S66	2.9	355	2.9	77	0.6	208	37 59.653 N	75 3.868 W
18 May 09:47	7.2	7.2	S74	3.8	2	2.7	78	0.4	205	38 4.689 N	75 4.477 W
18 May 13:38	7.4	7.4	S83	4.6	8	1.9	80	0.3	202	38 20.837 N	75 3.667 W
18 May 15:43	8.1	8.1	S80	5.1	20	2.1	77	-	-	38 30.635 N	75 1.875 W
18 May 17:34	9.2	9.2	S73	4.9	39	2.4	77	0.2	204	38 39.919 N	74 57.576 W
18 May 19:58	9.2	9.2	S80	5.5	39	2.7	84	0.2	240	38 49.377 N	74 47.705 W
18 May 22:51	13.1	13.1	S91	8.9	45	3.4	107	0.1	220	39 3.565 N	74 32.898 W
19 May 00:57	15.0	15.0	S89	9.8	45	3.6	119	0.0	339	39 17.433 N	74 14.905 W
19 May 02:57	15.4	15.4	S91	10.1	45	3.4	129	0.2	352	39 31.301 N	73 56.913 W
19 May 04:55	15.4	15.4	S95	9.8	45	3.0	137	0.1	57	39 45.170 N	73 38.920 W
19 May 06:59	13.9	13.9	S91	9.3	54	2.6	142	0.1	23	39 59.038 N	73 20.927 W





ECMWF													
Time	TWS	TWD	TWA	SOG	COG	Swell	Swell	Curr	Curr	Latitude	Longitude		
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)				
19 May 09:03	13.5	13.5	S92	8.9	54	2.2	146	0.1	345	40 10.127 N	73 0.937 W		
19 May 11:15	11.9	11.9	S90	7.8	54	2.0	146	0.1	323	40 21.217 N	72 40.946 W		
19 May 12:57	10.4	10.4	S98	6.5	42	1.9	147	0.1	349	40 28.609 N	72 27.620 W		
19 May 14:58	10.4	10.4	S93	7.2	42	1.9	148	0.1	24	40 38.504 N	72 15.978 W		
19 May 16:44	12.0	12.0	S92	8.4	42	1.7	147	0.3	64	40 48.398 N	72 4.336 W		
19 May 18:21	11.8	11.8	S91	7.8	42	1.7	145	0.1	53	40 58.292 N	71 52.694 W		
19 May 20:07	10.7	10.7	S90	7.2	38	1.7	144	0.1	82	41 8.187 N	71 41.052 W		
19 May 21:09	11.5	11.5	S89	7.7	49	1.8	145	0.2	61	41 14.159 N	71 34.757 W		





SPIRE Route

SPIREBETA											
Time	TWS	TWD	TWA	SOG	COG	Swell	Swell	Curr	Curr	Latitude	Longitude
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)		
16 May 16:00	9.6	9.6	S65	4.3	173	0.6	209	0.1	172	38 57.414 N	76 26.352 W
16 May 18:42	8.0	8.0	S81	4.6	172	0.4	217	0.1	191	38 45.736 N	76 24.386 W
16 May 22:55	7.1	7.1	S111	4.3	157	0.3	231	0.1	169	38 28.220 N	76 21.437 W
17 May 01:28	7.5	7.5	S127	4.3	147	0.4	234	0.2	154	38 18.043 N	76 15.952 W
17 May 02:19	8.1	8.1	S117	4.7	159	0.5	241	0.1	154	38 14.969 N	76 13.453 W
17 May 04:14	8.6	8.6	S121	4.9	174	0.7	258	0.2	162	38 6.637 N	76 9.467 W
17 May 07:40	13.4	13.4	P159	6.1	139	1.2	316	0.2	178	37 49.053 N	76 7.021 W
17 May 08:42	15.2	15.2	S150	6.7	192	1.5	330	0.2	185	37 44.304 N	76 1.768 W
17 May 10:35	14.8	14.8	S147	6.7	197	2.3	355	0.2	177	37 32.083 N	76 5.074 W
17 May 11:50	14.3	14.3	S151	6.3	203	2.7	360	0.2	185	37 24.130 N	76 8.364 W
17 May 12:44	14.9	14.9	P144	7.0	147	2.6	3	0.2	193	37 18.977 N	76 11.143 W
17 May 14:37	12.2	12.2	P118	6.9	140	2.1	9	0.1	187	37 7.910 N	76 2.148 W
17 May 15:12	11.5	11.5	P79	6.3	118	2.0	26	0.1	183	37 4.768 N	75 58.897 W
17 May 17:39	13.5	13.5	P56	5.0	117	3.0	57	0.2	199	36 58.454 N	75 43.778 W
17 May 19:39	13.8	13.8	S50	4.5	12	3.6	55	0.2	211	36 53.828 N	75 32.585 W
17 May 21:50	12.6	12.6	S60	5.1	12	3.5	62	0.3	205	37 3.830 N	75 29.915 W
17 May 23:49	11.7	11.7	S57	4.4	20	3.3	68	0.3	209	37 13.831 N	75 27.244 W
18 May 01:31	11.5	11.5	S62	4.6	17	3.3	72	0.3	226	37 20.931 N	75 23.956 W
18 May 04:03	10.8	10.8	S65	4.5	13	3.2	77	0.3	234	37 31.922 N	75 19.651 W
18 May 06:39	9.8	9.8	S65	4.1	13	2.9	81	0.4	219	37 43.009 N	75 16.400 W
18 May 10:58	9.1	9.1	S58	3.4	20	2.2	84	0.4	209	37 59.640 N	75 11.522 W
18 May 11:49	8.9	8.9	S62	3.6	16	2.2	84	0.3	205	38 2.371 N	75 10.257 W
18 May 14:03	8.3	8.3	S61	3.6	20	2.2	83	0.3	204	38 10.085 N	75 7.469 W
18 May 15:39	8.8	8.8	S65	4.2	20	2.1	81	0.3	209	38 15.546 N	75 4.940 W
18 May 17:10	9.5	9.5	S69	5.1	21	1.9	81	0.2	202	38 21.553 N	75 2.159 W
18 May 19:22	9.9	9.9	S77	5.7	32	2.5	79	0.2	182	38 32.714 N	74 56.597 W
18 May 21:08	10.8	10.8	S90	7.0	32	3.2	90	0.2	239	38 41.723 N	74 49.288 W
18 May 22:39	11.7	11.7	S90	7.9	40	3.5	103	0.1	251	38 50.733 N	74 41.978 W
19 May 00:17	14.0	14.0	S93	9.0	40	3.8	112	0.1	207	39 1.097 N	74 30.805 W
19 May 01:47	14.1	14.1	S98	9.0	40	3.8	120	0.1	302	39 11.461 N	74 19.632 W
19 May 03:19	13.2	13.2	S101	8.2	40	3.5	126	0.1	2	39 21.826 N	74 8.459 W
19 May 05:00	12.0	12.0	S104	7.4	40	3.3	134	0.2	4	39 32.189 N	73 57.286 W
19 May 06:53	10.5	10.5	S105	6.4	40	2.9	138	0.2	50	39 42.554 N	73 46.113 W
19 May 09:02	9.5	9.5	S104	6.0	40	2.6	141	0.2	51	39 52.918 N	73 34.940 W





SPIREBETA											
Time	TWS	TWD	TWA	sog	COG	Swell	Swell	Curr	Curr	Latitude	Longitude
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)		
19 May 11:20	9.2	9.2	S108	5.5	39	2.3	143	0.1	5	40 3.282 N	73 23.767 W
19 May 13:46	9.5	9.5	S106	5.9	48	2.2	144	0.1	358	40 13.646 N	73 12.594 W
19 May 17:06	9.7	9.7	S95	6.4	58	2.1	146	0.1	30	40 26.677 N	72 53.224 W
19 May 17:48	9.7	9.7	S98	6.3	54	2.1	146	0.1	16	40 29.065 N	72 48.196 W
19 May 18:43	9.5	9.5	S94	6.4	58	2.1	145	0.2	49	40 32.475 N	72 41.910 W
19 May 21:28	8.9	8.9	S94	6.0	61	2.2	144	0.2	56	40 41.546 N	72 22.805 W
19 May 23:27	8.2	8.2	S101	5.5	58	2.3	144	0.3	57	40 47.138 N	72 9.234 W
20 May 00:57	7.9	7.9	S105	5.0	54	2.4	142	0.2	60	40 51.434 N	72 0.184 W
20 May 02:02	7.8	7.8	S100	5.3	58	2.4	141	0.2	62	40 54.607 N	71 54.401 W
20 May 03:02	8.3	8.3	S100	5.5	52	2.4	141	0.1	56	40 57.471 N	71 48.368 W
20 May 04:16	8.9	8.9	S106	5.4	41	2.5	141	0.1	114	41 1.666 N	71 41.326 W
20 May 06:03	9.6	9.6	S115	5.6	33	2.6	141	0.1	83	41 9.139 N	71 32.767 W
20 May 06:40	9.8	9.8	S124	5.3	26	2.7	142	0.1	90	41 12.039 N	71 30.247 W





UKMO Route

UKMO											
Time	TWS	TWD	TWA	SOG	COG	Swell	Swell	Curr	Curr	Latitude	Longitude
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)		
16 May 16:00	8.5	8.5	S65	4.0	172	0.6	209	0.1	172	38 57.414 N	76 26.352 W
16 May 17:40	7.6	7.6	S72	3.7	172	0.5	213	0.1	183	38 50.756 N	76 25.121 W
16 May 19:29	3.8	3.8	S103	1.9	175	0.4	217	0.1	189	38 44.098 N	76 23.890 W
16 May 22:41	5.3	5.3	S139	2.9	184	0.5	240	0.1	179	38 38.054 N	76 23.158 W
17 May 00:32	5.3	5.3	P146	2.2	130	0.4	254	0.1	176	38 32.694 N	76 23.680 W
17 May 01:14	3.8	3.8	S150	2.7	184	0.5	259	0.1	177	38 31.703 N	76 22.177 W
17 May 03:34	6.9	6.9	S148	3.8	165	0.4	268	0.2	160	38 25.490 N	76 22.701 W
17 May 04:46	9.6	9.6	S138	5.3	171	0.4	266	0.2	162	38 21.085 N	76 21.211 W
17 May 06:55	16.4	16.4	S143	7.0	170	0.7	312	0.1	159	38 8.315 N	76 18.496 W
17 May 08:50	15.9	15.9	P154	6.4	130	1.2	340	-	-	37 55.544 N	76 15.781 W
17 May 09:19	16.7	16.7	S149	6.6	195	1.4	346	0.2	185	37 53.563 N	76 12.776 W
17 May 10:22	16.1	16.1	S153	6.3	204	1.6	2	0.2	185	37 46.940 N	76 15.059 W
17 May 11:50	17.1	17.1	S155	6.3	213	2.3	5	0.1	171	37 38.268 N	76 13.584 W
17 May 12:50	17.1	17.1	P141	7.3	158	2.5	5	0.1	162	37 32.669 N	76 14.608 W
17 May 14:27	18.2	18.2	P140	7.2	159	2.9	0	0.1	190	37 21.718 N	76 8.958 W
17 May 16:07	16.2	16.2	P130	7.8	147	2.2	4	0.1	210	37 10.608 N	76 3.644 W
17 May 17:01	12.6	12.6	P74	5.5	113	1.9	32	0.1	212	37 4.768 N	75 58.897 W
17 May 18:05	13.3	13.3	P57	4.9	133	2.2	62	0.1	212	37 2.442 N	75 52.129 W
17 May 19:15	14.1	14.1	S51	4.8	28	2.9	60	0.2	200	36 58.547 N	75 46.873 W
17 May 21:31	11.9	11.9	S60	4.8	28	2.8	69	0.3	193	37 8.308 N	75 40.313 W
17 May 23:52	10.2	10.2	S56	3.4	28	2.9	73	0.4	188	37 18.068 N	75 33.754 W
18 May 01:28	9.5	9.5	P65	4.1	133	3.0	76	0.4	202	37 22.949 N	75 30.474 W
18 May 02:24	9.8	9.8	P65	4.3	124	3.3	74	0.4	210	37 20.352 N	75 26.970 W
18 May 04:40	10.9	10.9	P73	5.6	115	3.9	70	0.4	224	37 14.200 N	75 15.699 W
18 May 06:16	13.9	13.9	P71	6.9	110	4.2	68	0.4	206	37 10.063 N	75 4.672 W
18 May 07:45	14.6	14.6	P70	7.0	100	4.6	67	0.3	203	37 6.950 N	74 52.386 W
18 May 09:14	10.7	10.7	P73	5.6	103	4.7	65	0.1	312	37 5.543 N	74 40.094 W
18 May 09:43	9.7	9.7	P73	4.2	113	4.7	65	0.1	331	37 4.961 N	74 36.833 W
18 May 11:06	11.1	11.1	P53	3.9	137	4.6	64	0.1	335	37 2.636 N	74 30.066 W
18 May 11:46	12.4	12.4	S61	5.2	30	4.6	64	0.1	331	37 0.722 N	74 27.814 W
18 May 13:33	12.1	12.1	S70	6.2	20	4.2	65	0.1	246	37 8.470 N	74 22.266 W
18 May 14:01	12.5	12.5	S66	5.7	26	4.0	65	0.1	230	37 11.200 N	74 21.001 W
18 May 17:18	9.4	9.4	S74	5.1	20	3.7	64	0.2	236	37 25.739 N	74 11.915 W
18 May 19:53	9.8	9.8	S82	6.3	34	4.1	71	0.3	329	37 39.392 N	74 5.593 W





UKMO											
Time	TWS	TWD	TWA	SOG	COG	Swell	Swell	Curr	Curr	Latitude	Longitude
(GMT-04:00)	(kts)	(° true)		(kts)	(° true)	(ft)	(° true)	(kts)	(° true)		
18 May 21:42	11.1	11.1	S84	7.2	38	5.2	80	0.4	29	37 49.425 N	73 57.025 W
18 May 23:27	11.1	11.1	S89	7.3	38	5.1	89	0.3	69	37 59.605 N	73 46.950 W
19 May 01:20	9.7	9.7	S89	6.2	38	4.8	93	0.1	272	38 9.785 N	73 36.876 W
19 May 03:30	8.4	8.4	S88	5.4	44	4.3	98	0.2	229	38 19.964 N	73 26.801 W
19 May 05:40	9.4	9.4	S88	6.0	44	3.8	102	0.4	213	38 28.414 N	73 16.482 W
19 May 07:33	10.6	10.6	S93	6.4	44	3.4	104	0.5	214	38 36.865 N	73 6.163 W
19 May 09:24	10.5	10.5	S95	6.3	49	3.4	107	0.5	220	38 45.314 N	72 55.844 W
19 May 11:32	11.4	11.4	S114	6.2	36	3.7	111	0.4	221	38 54.081 N	72 42.763 W
19 May 14:37	10.6	10.6	S130	5.6	20	3.6	118	0.1	243	39 9.539 N	72 28.152 W
19 May 17:10	12.5	12.5	S124	7.0	7	3.5	124	0.1	329	39 24.284 N	72 21.324 W
19 May 19:01	13.9	13.9	S128	7.2	7	3.3	128	0.2	275	39 37.529 N	72 19.269 W
19 May 21:58	12.9	12.9	S134	6.3	14	3.1	133	0.3	261	39 57.398 N	72 16.187 W
19 May 22:52	12.6	12.6	S132	6.4	19	3.1	134	0.2	276	40 2.928 N	72 14.411 W
20 May 00:48	12.3	12.3	S130	6.3	25	3.0	137	0.1	317	40 14.396 N	72 9.100 W
20 May 03:04	11.0	11.0	S130	5.7	24	3.0	138	0.1	44	40 26.939 N	72 1.526 W
20 May 05:57	11.5	11.5	S133	5.9	19	3.1	140	0.0	242	40 41.666 N	71 52.942 W
20 May 06:32	12.1	12.1	S123	6.8	30	3.1	140	0.1	69	40 44.943 N	71 51.424 W
20 May 08:04	13.5	13.5	S126	7.4	30	3.1	139	0.2	65	40 54.260 N	71 44.365 W
20 May 10:26	14.4	14.4	S130	7.6	28	3.2	140	0.1	85	41 9.139 N	71 32.767 W