

Location : **MV_Ocean_Researcher** Coordinates : **41° 2' 0" N / 70° 42' 1" W** Time Zone : **GMT -4.0**

Report issued at : **Sun 03-Dec-2017 14:00 LT** Valid 168 hours (7 days) from : **Dec 03 2017 14:00:00**

Hurricane/Storm Advisory : N/A

Meteorological Situation A broad High pressure sysytem 1018 located near (32° 36' N/74° 45' W) extends across the region

Forecast Summary : Winds peaking 40Kts Gusts 56Kts on Sun 10 02:00 and Wave Height reaching 4.4 - 6.6m on Sat 09 20:00

Warnings (next 24 hrs) Winds : NIL Wave : NIL Thunderstorm Risk : NIL Fog Risk : NIL

Tabular Forecast Data

Confidence Levels High Moderate Low

Days /		Wind 10m (Knots)			Wind	Seas (m)								
Time(LT)	Dir	Avg Speed (10 m)	Gusts (10 m)	50 m	Wind sea Hs	Swell 1			Swell 2			Sea + Swell		
						Dir1	Hsw1	Period1 (s)	Dir2	Hsw2	Period2 (s)	Hs tot	Hmax	
Sun 03 14	NNE	3	4	4	*	ENE	0.4	6.6	ESE	0.4	10.2	0.5	0.8	
Sun 03 17	NNE	4	6	5	*	ESE	0.4	10.0	ENE	0.4	6.6	0.6	0.9	
Sun 03 20	NNE	5	7	6	*	ESE	0.5	9.9	ENE	0.4	6.6	0.7	1.0	
Sun 03 23	NNE	7	10	9	0.1	E	0.7	9.8	SSE	0.1	7.3	0.7	1.0	
Mon 04 02	N	8	11	10	0.2	E	0.8	9.8	SSE	0.1	7.4	0.8	1.2	
Mon 04 05	N	11	15	14	0.3	E	0.8	9.7	SSE	0.1	7.3	0.8	1.2	
Mon 04 08	NNE	11	15	14	0.4	E	0.8	9.6	SSE	0.1	7.3	0.9	1.4	
Mon 04 11	NNE	11	15	14	*	E	0.9	9.6	SSE	0.1	7.3	0.9	1.4	
Mon 04 14	NE	9	13	11	*	E	0.9	9.6	SSE	0.1	7.3	0.9	1.4	
Mon 04 20	E	9	13	11	*	E	0.9	9.6	SSE	0.1	7.3	0.9	1.4	
Tue 05 02	SE	11	15	14	*	E	0.9	9.9	*	*	*	0.9	1.4	
Tue 05 08	SSE	15	21	19	0.5	E	0.8	10.0	*	*	*	0.9	1.4	
Tue 05 14	SSE	20	28	25	1.2	E	0.7	10.0	*	*	*	1.4	2.1	
Tue 05 20	SSE	25	35	32	1.9	E	0.8	10.0	*	*	*	2.0	3.0	
Wed 06 02	S	31	43	39	2.9	ESE	0.8	10.1	*	*	*	3.0	4.5	
Wed 06 08	SW	19	27	24	2.6	ESE	0.7	10.1	*	*	*	2.7	4.1	
Wed 06 14	W	23	32	29	2.7	E	0.6	10.4	*	*	*	2.8	4.2	
Wed 06 20	W	16	22	20	*	SW	2.2	8.9	ESE	0.6	10.7	2.3	3.4	
Thu 07 02	WNW	18	25	23	1.3	S	1.3	8.9	ESE	0.6	10.7	1.9	2.8	
Thu 07 08	W	17	24	22	1.3	SSW	1.1	8.3	ESE	0.5	10.9	1.8	2.7	
Thu 07 14	W	18	25	23	1.3	S	0.9	8.0	ESE	0.4	11.1	1.6	2.4	
Thu 07 20	W	15	21	19	1.2	SSW	0.7	7.5	ESE	0.4	11.1	1.4	2.1	
Fri 08 02	NW	5	7	6	*	WSW	0.8	6.0	SSW	0.6	7.2	1.1	1.7	
Fri 08 08	ENE	15	21	19	*	WSW	0.5	5.1	S	0.4	6.9	0.8	1.2	
Fri 08 14	NE	29	41	37	1.0	S	0.3	6.7	SSW	0.3	6.7	1.1	1.7	
Fri 08 20	NE	28	39	36	2.2	S	0.2	6.7	*	*	*	2.2	3.3	
Sat 09 02	NW	12	17	15	2.1	S	1.1	9.7	*	*	*	2.4	3.6	
Sat 09 08	W	6	8	8	*	S	2.1	10.0	E	1.3	7.3	2.5	3.8	
Sat 09 14	SE	9	13	11	2.5	E	0.8	7.4	*	*	*	2.7	4.1	
Sat 09 20	SW	23	32	29	4.4	ENE	0.4	7.5	*	*	*	4.4	6.6	
Sun 10 02	WSW	40	56	51	4.3	*	*	*	*	*	*	4.3	6.4	
Sun 10 08	W	27	38	34	3.3	*	*	*	*	*	*	3.3	4.9	
Sun 10 14	WSW	25	35	32	2.6	SSE	0.9	10.0	*	*	*	2.7	4.1	

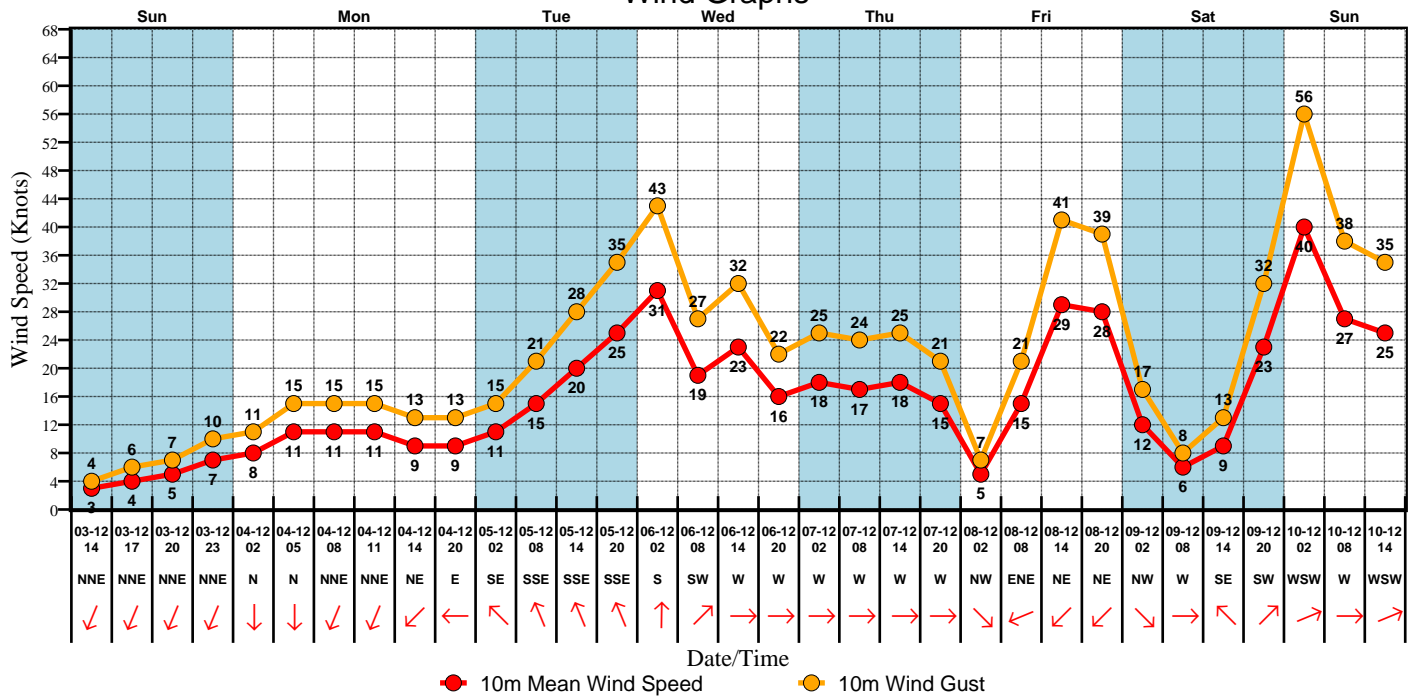
Beaufort Wind Scale

Light	0 to 4	Fresh	5	Strong	6
Near Gale	7	Gale	8	Storm	9 to 12

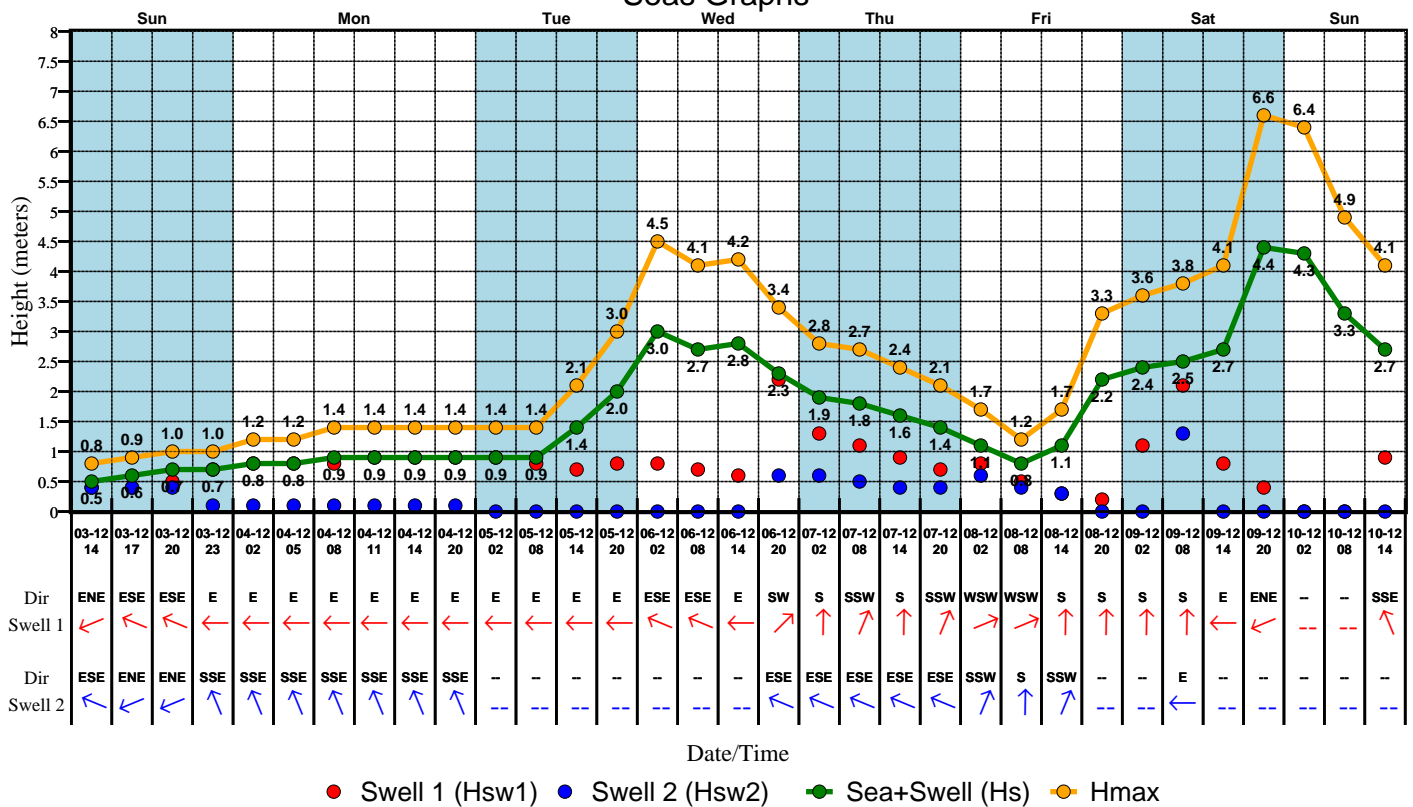
Sea State

Slight	0 to 3	Moderate	3 to 4	Rough	4 to 5
Very Rough	5 to 6	High	6 to 7	Very High	7 to 9

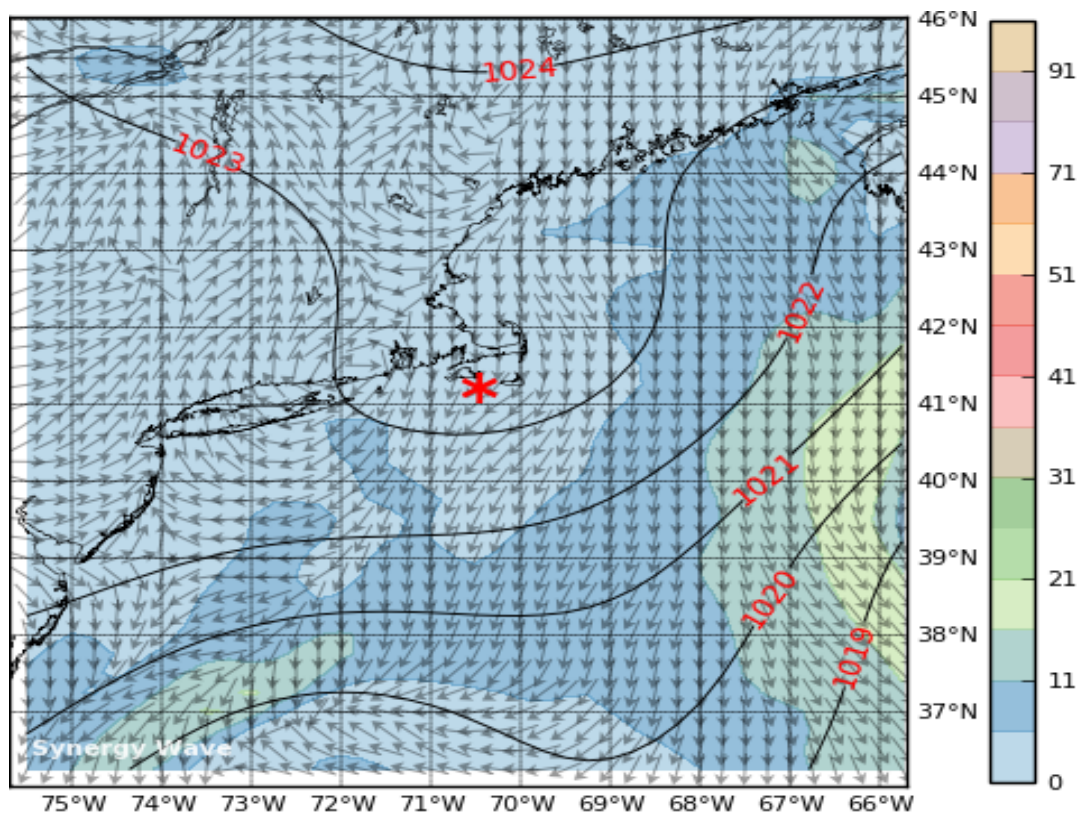
Wind Graphs



Seas Graphs



MSL Pressure (mb) & 10m Wind (Knots) 03/12/2017 14:00



Significant Wave Height (meter) 03/12/2017 14:00

