

NAAMES

WX Briefing

Sunday, March 25, 2018

Amy Jo Scarino

Forecast Highlights

- Atlantis will experience last day of rougher sea state, improves Monday, but could see high winds on Tuesday
- St. John's still experiencing some light snow flurries and very windy with gusts to 45 mph. Monday will see improvement with lower winds, no precip, but still cold.
- Visibility and ceiling could be an issue with Wednesday landing and all day Thursday
- Models currently agree until about Friday, they disagree on location/strength of next storm for next weekend

Forecast Summary

Day 1 (Monday) – March 26 – Ship in transit – CALIPSO track over S1/S2

Recommendation: Science flight to region of S1/S2 and along CALIPSO track

St. John's: Morning clouds, clearing by late afternoon, no precip, high 28, low 21, winds NNW 9-15 mph

Day 2 (Tuesday) – March 27 – S1

Recommendation: Science flight to ship at S1, however, clouds at all levels

St. John's: Mostly sunny, no precip, high 41, low 26, winds variable 5-8 mph

Day 3 (Wednesday) – March 28– S2 – CALIPSO track

Recommendation: while it is a ship station, conditions at St. John's could be dicey

St. John's: Overcast, rain/freezing rain/fog and windy, high 34, low 33, winds E near 20 mph

Day 4 (Thursday) – March 29– Ship in transit to S3

Recommendation: St. John's could be dicey with fog and rain

St. John's: Overcast and rain, high 42, low 32, winds SSE 8-12 mph

Day 5 (Friday) – March 30 – Ship at S3 - CALIPSO track out by S4

Recommendation: Science flight to ship at S3, clouds at ship will be primarily low and high

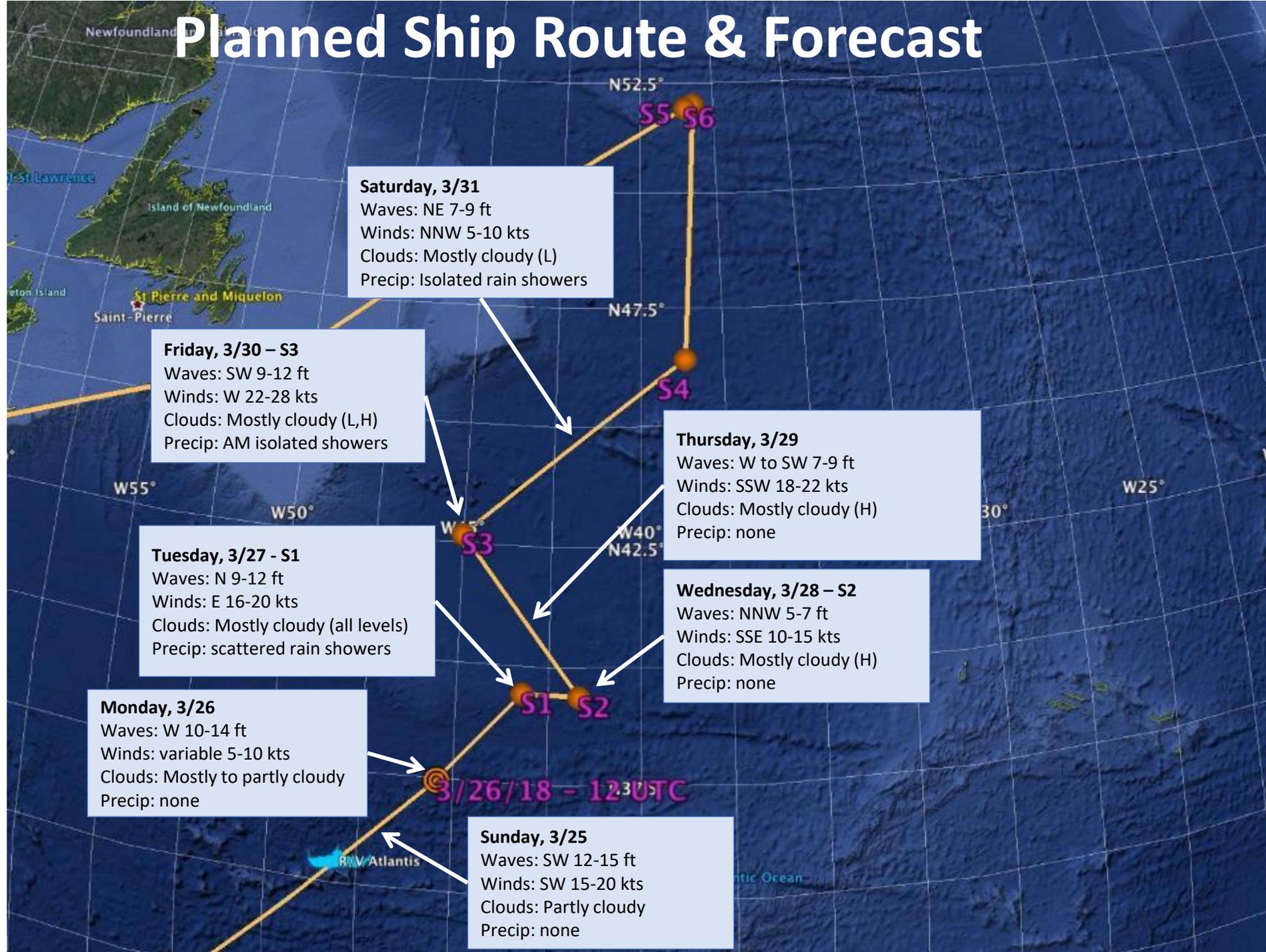
St. John's: Partly cloudy, lingering AM rain showers, high 42, low 32, winds w 15-18 mph

Day 6 (Saturday) – March 31 – Ship in transit to S4 – AM CALIPSO over S3 , could fly if AM/PM have clear skies

Recommendation: Keep an eye on this day with timing of next storm system

St. John's: Increasing clouds with chance of rain showers, high 38, low 34, winds WSW 10-12 mph

Planned Ship Route & Forecast



Saturday, 3/31
Waves: NE 7-9 ft
Winds: NNW 5-10 kts
Clouds: Mostly cloudy (L)
Precip: Isolated rain showers

Friday, 3/30 – S3
Waves: SW 9-12 ft
Winds: W 22-28 kts
Clouds: Mostly cloudy (L,H)
Precip: AM isolated showers

Thursday, 3/29
Waves: W to SW 7-9 ft
Winds: SSW 18-22 kts
Clouds: Mostly cloudy (H)
Precip: none

Tuesday, 3/27 - S1
Waves: N 9-12 ft
Winds: E 16-20 kts
Clouds: Mostly cloudy (all levels)
Precip: scattered rain showers

Wednesday, 3/28 – S2
Waves: NNW 5-7 ft
Winds: SSE 10-15 kts
Clouds: Mostly cloudy (H)
Precip: none

Monday, 3/26
Waves: W 10-14 ft
Winds: variable 5-10 kts
Clouds: Mostly to partly cloudy
Precip: none

Sunday, 3/25
Waves: SW 12-15 ft
Winds: SW 15-20 kts
Clouds: Partly cloudy
Precip: none

3/26/18 - 12³⁰UTC

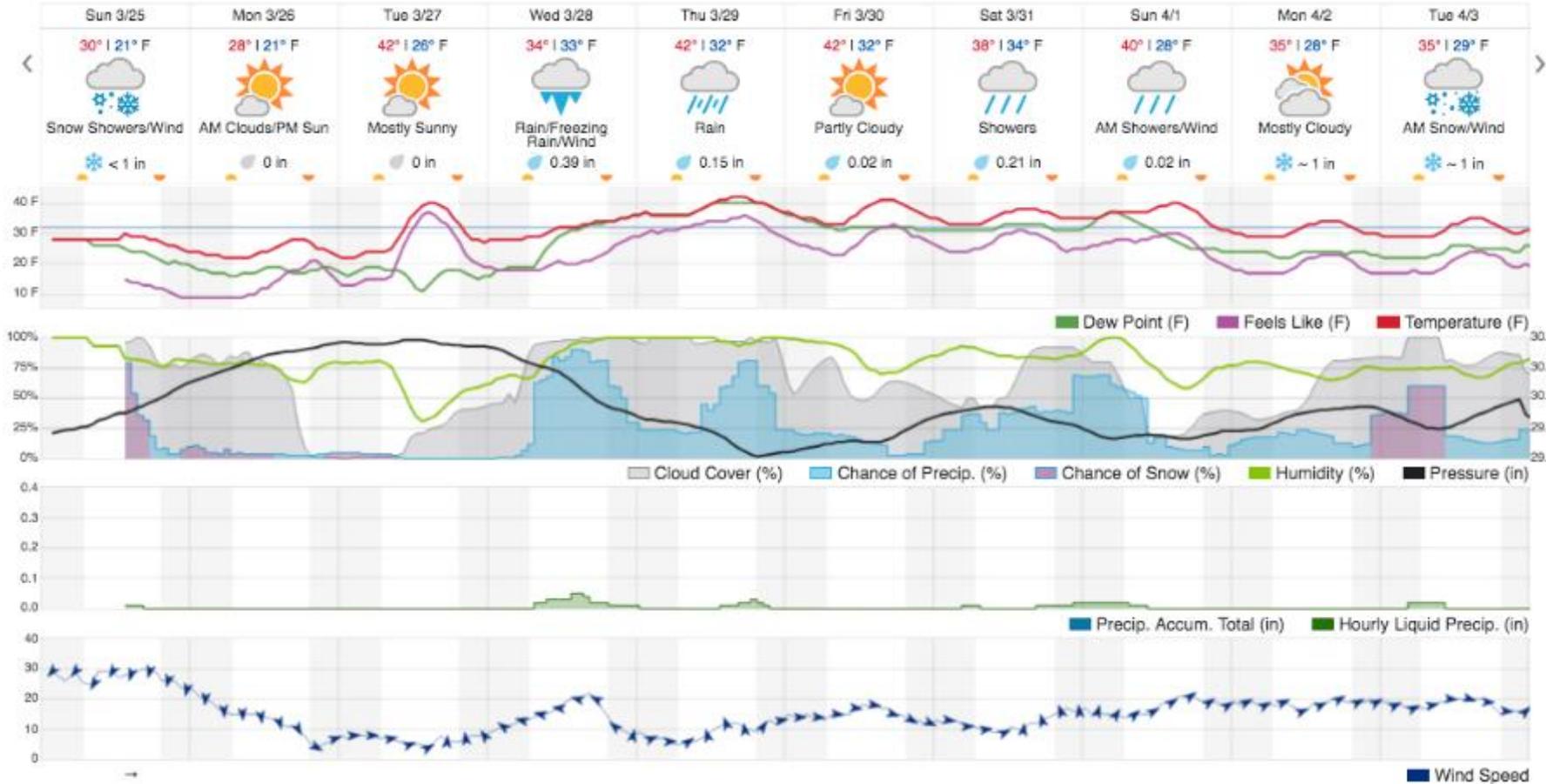
St. John's - Current & Forecast

© 1:06 PM NDT on March 25, 2018 (GMT -0230) | Updated 37 minutes ago



Wind NNE
Gusts 41 mph

Today is forecast to be **COOLER** than yesterday.

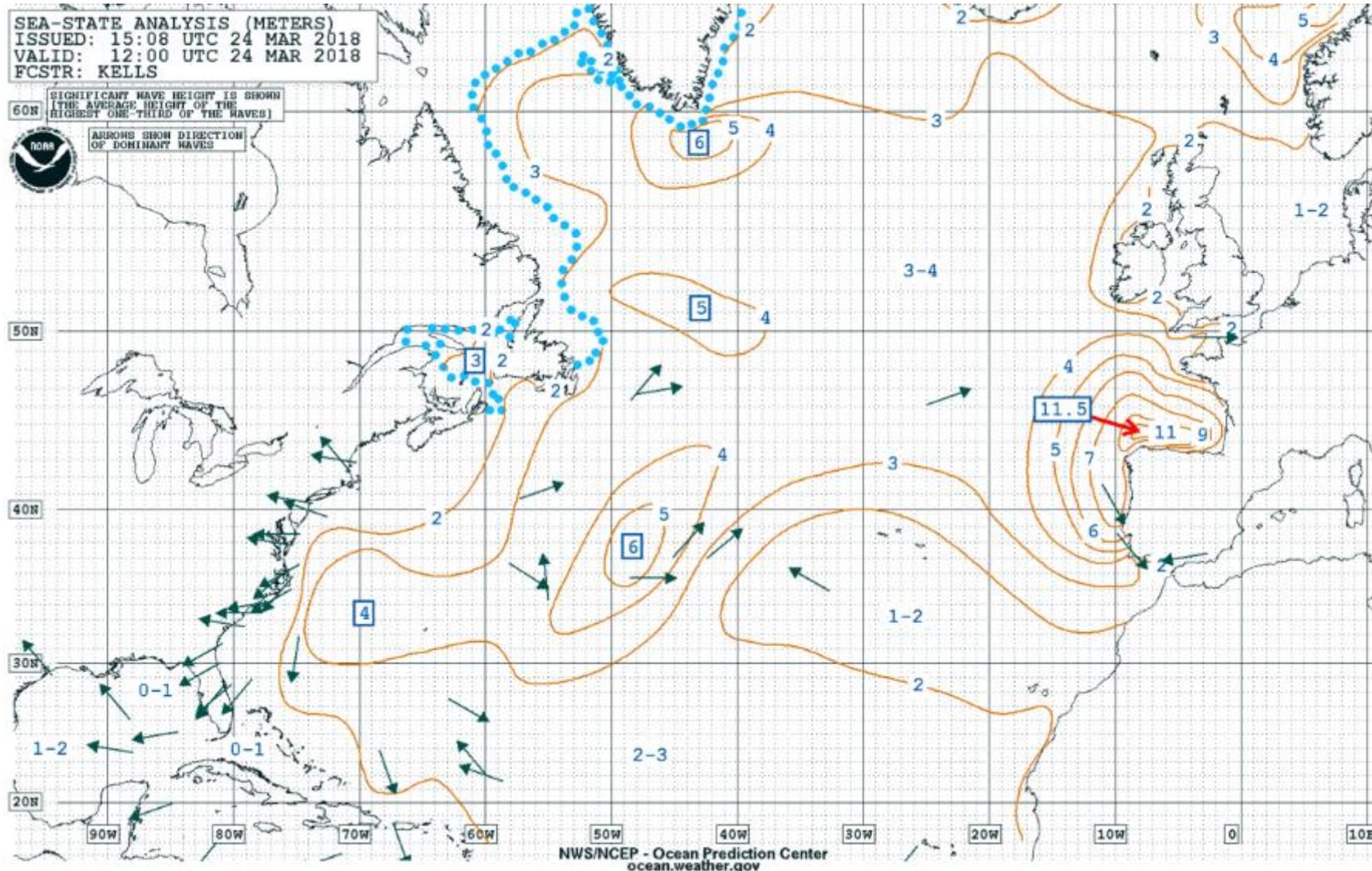


St. John's - METAR & TAF

METAR CYYT 251500Z 03023G39KT 12SM -SN OVC015 M02/M04 A3003 RMK SF8 SLP178=		
METAR	LOCATION CYYT - ST. JOHN'S INTL/NL	DATE - TIME 25 MARCH 2018 - 1500 UTC
WIND 30 TRUE @ 23 KNOTS GUSTS 39 KNOTS	VISIBILITY 12 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER LIGHT SNOW	CLOUDINESS OVERCAST 1500 FT	TEMP / DEWPOINT -2 C / -4 C
ALTIMETER 30.03 IN HG	RECENT WEATHER	WIND SHEAR

TAF CYYT 251138Z 2512/2612 03022G35KT 6SM -SN OVC012 TEMPO 2512/2514 11/2SM -SN BR OVC006 FM251400 02030G45KT 21/2SM -SN BLSN BKN015 TEMPO 2514/2524 6SM -SN FM260000 01025G35KT P6SM OVC010 TEMPO 2600/2606 OVC008 FM260600 35015G25KT P6SM -SN BKN010 RMK NXT FCST BY 251800Z=				
TAF		LOCATION CYYT - ST. JOHN'S INTL/NL		VALIDITY [UTC] 25 MAR - 1138 to 26 MAR - 1200
TIMES [UTC]	WIND [DEGREES TRUE]	VISIBILITY [STAT. MILES]	WEATHER	CLOUDINESS [FEET AGL]
25 MAR - 1200 to 25 MAR - 1400	30 @ 22 KNOTS GUSTS 35 KNOTS	6	LIGHT SNOW	1200 OVERCAST
TEMPORARY CHANGES 25 MAR - 1200 to 25 MAR - 1400		1 1/2	LIGHT SNOW MIST	600 OVERCAST
25 MAR - 1400 to 26 MAR - 0000	20 @ 30 KNOTS GUSTS 45 KNOTS	2 1/2	LIGHT SNOW MODERATE BLOWING SNOW	1500 BROKEN
TEMPORARY CHANGES 25 MAR - 1400 to 26 MAR - 0000		6	LIGHT SNOW	
26 MAR - 0000 to 26 MAR - 0600	10 @ 25 KNOTS GUSTS 35 KNOTS	6+	NIL	1000 OVERCAST
TEMPORARY CHANGES 26 MAR - 0000 to 26 MAR - 0600				800 OVERCAST
26 MAR - 0600 to 26 MAR - 1200	350 @ 15 KNOTS GUSTS 25 KNOTS	6+	LIGHT SNOW	1000 BROKEN
REMARKS				
THE NEXT FORECAST WILL BE ISSUED BY 1800 UTC ON DAY 25				

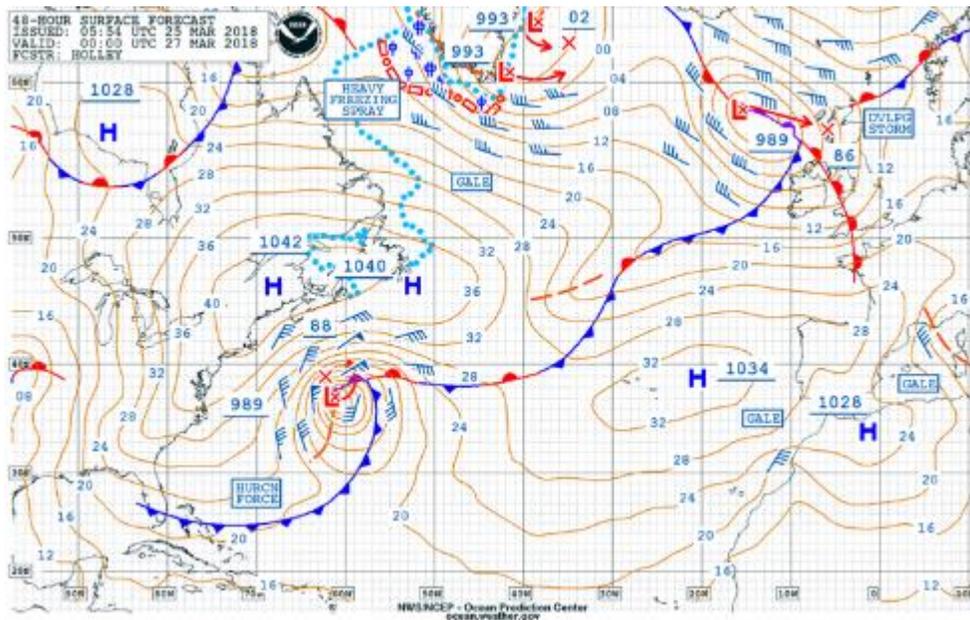
Sea State Analysis



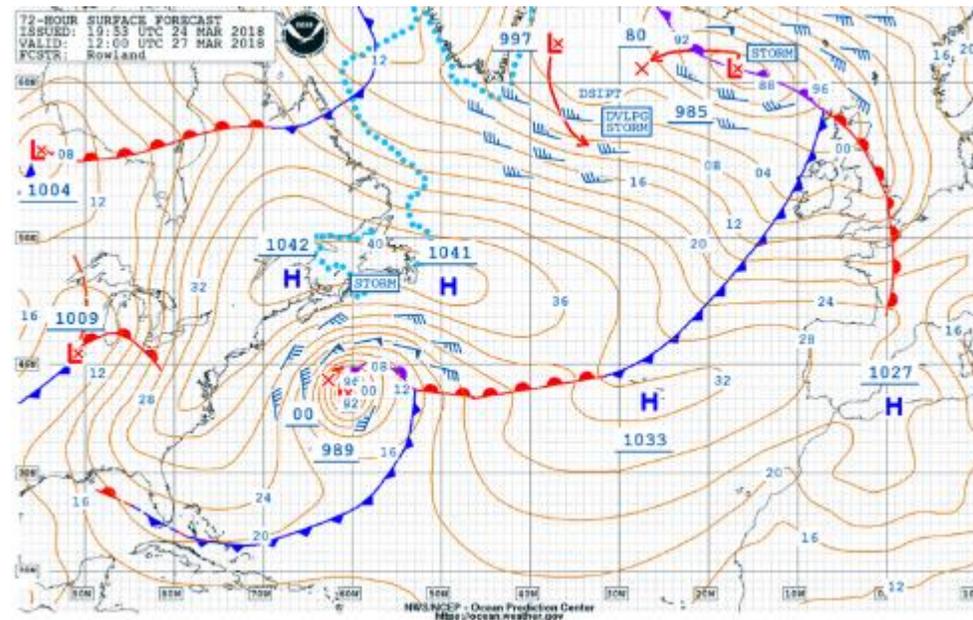
- Significant Wave Height is shown (in meters). This is the average height of the highest one-third of the waves
- Arrows show direction of dominant waves

Synoptic Forecast

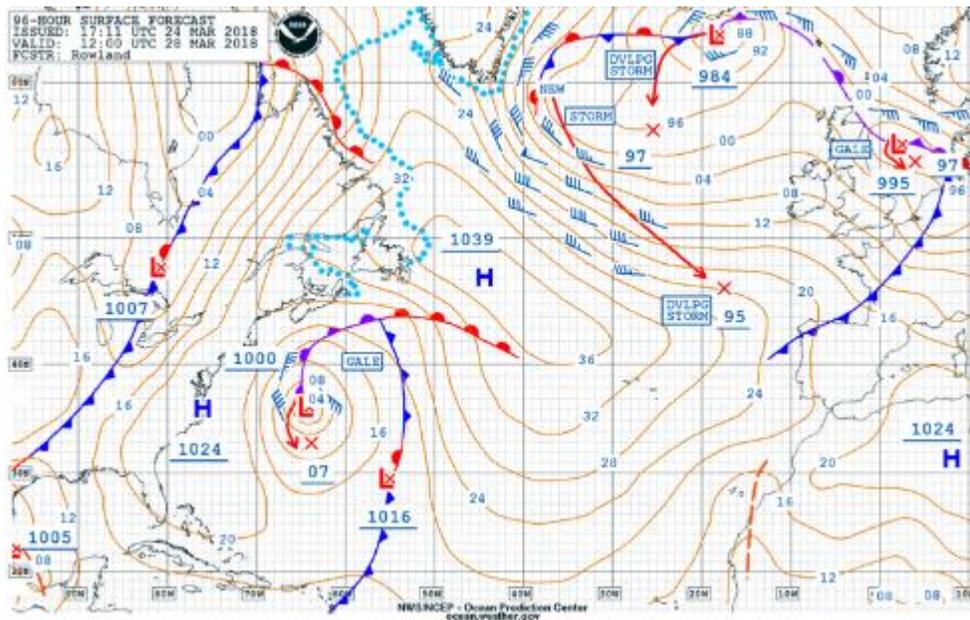
Monday 9:30pm NDT/10pm Ship



Tuesday 9:30am NDT/10am Ship

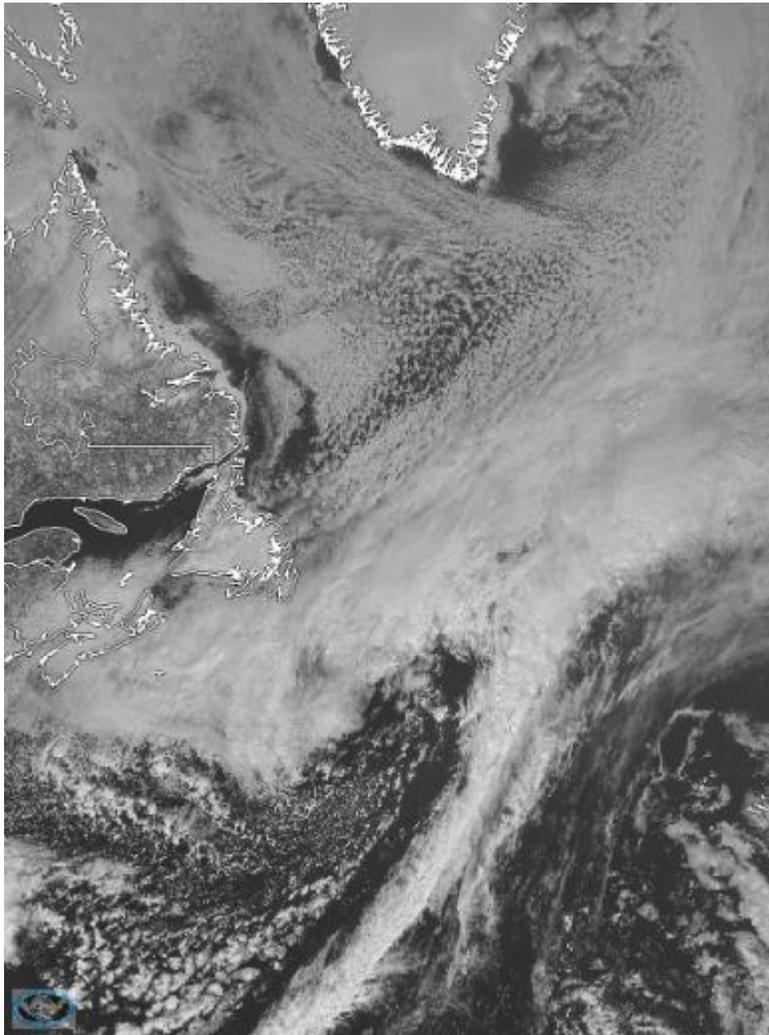


Wednesday 9:30am NDT/10am Ship

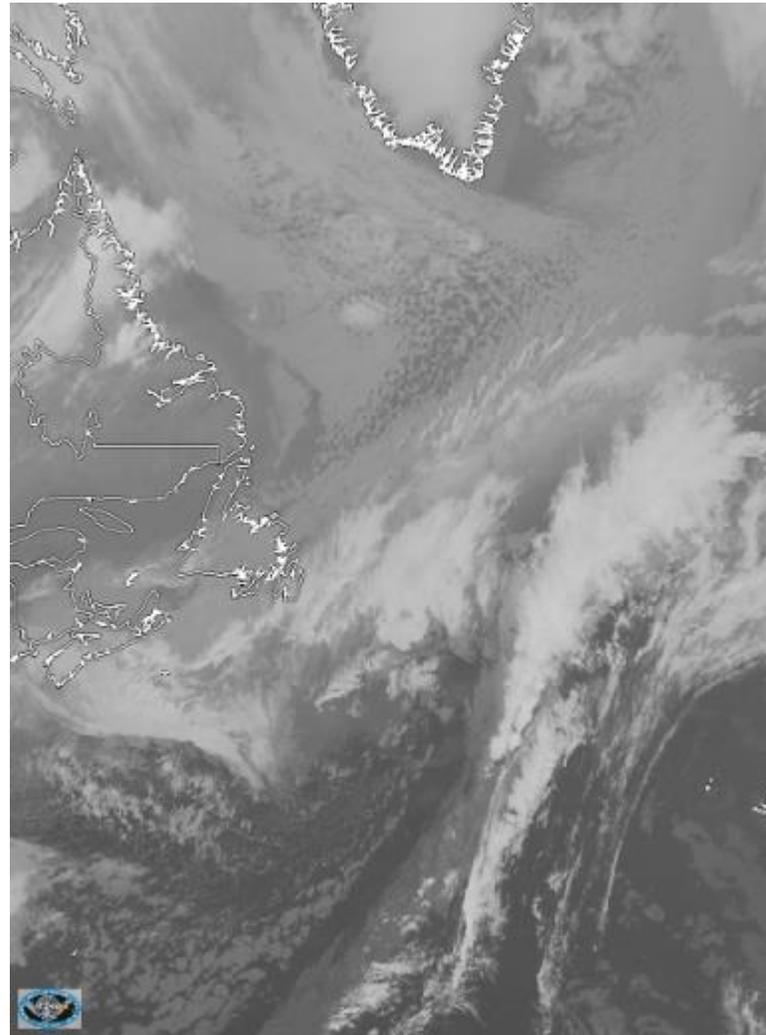


GOES-16 Imagery (3/25 14:45 UTC)

Visible



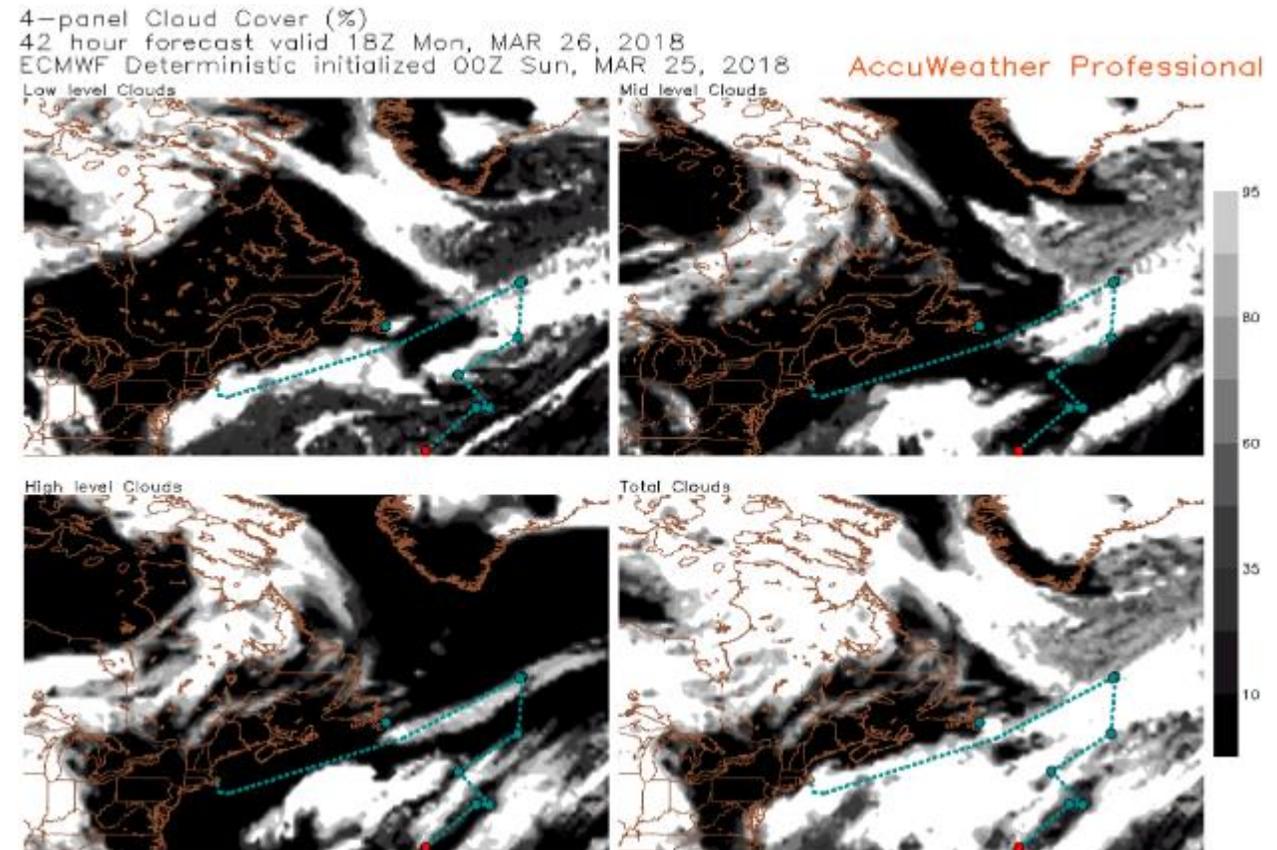
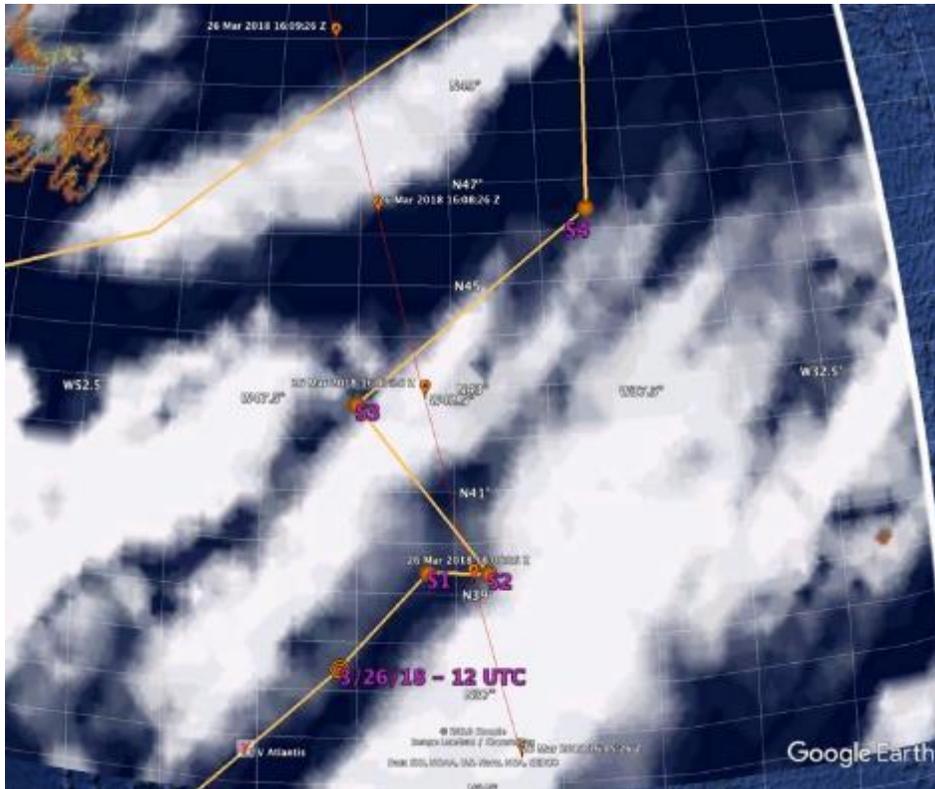
IR



3/26/18 Science Flight to near Ship/CALIPSO

- Area near ship will be partly cloudy, primarily high clouds
- CALIPSO track will be cloudy, but there is a stretch with no high clouds, but low and mid clouds

High



3/27/18 Science Flight to S1

Cloudy at all levels over S1 due to warm front

