

# **NAAMES Afternoon WX Discussion**

Monday, May 16, 2016

# Planned Ship Route & Forecast

## Wednesday, 5/18 S1

Waves: E becoming S 5-9 ft  
Winds: Light and variable  
Clouds: Broken low-mid, Scat high  
Precip: Drizzle AM, pushing north in the PM

## Tuesday, 5/17 Transit to S1

Waves: NE 7-10 ft  
Winds: SSW 5-10 kts  
Clouds: Overcast low, clear becoming overcast mid-high  
Precip: Drizzle

## Monday, 5/16 Transit to S1

Waves: Variable, 5-7 ft  
Winds: SE 5-15 kts  
Clouds: Broken-overcast low, clear mid-high  
Precip: None

## Thursday, 5/19 Transit to S2

Waves: SSW 7-9 ft  
Winds: NNW 15-25 kts  
Clouds: Broken low, scattered mid-high  
Precip: Scattered showers

## Friday, 5/20 S2

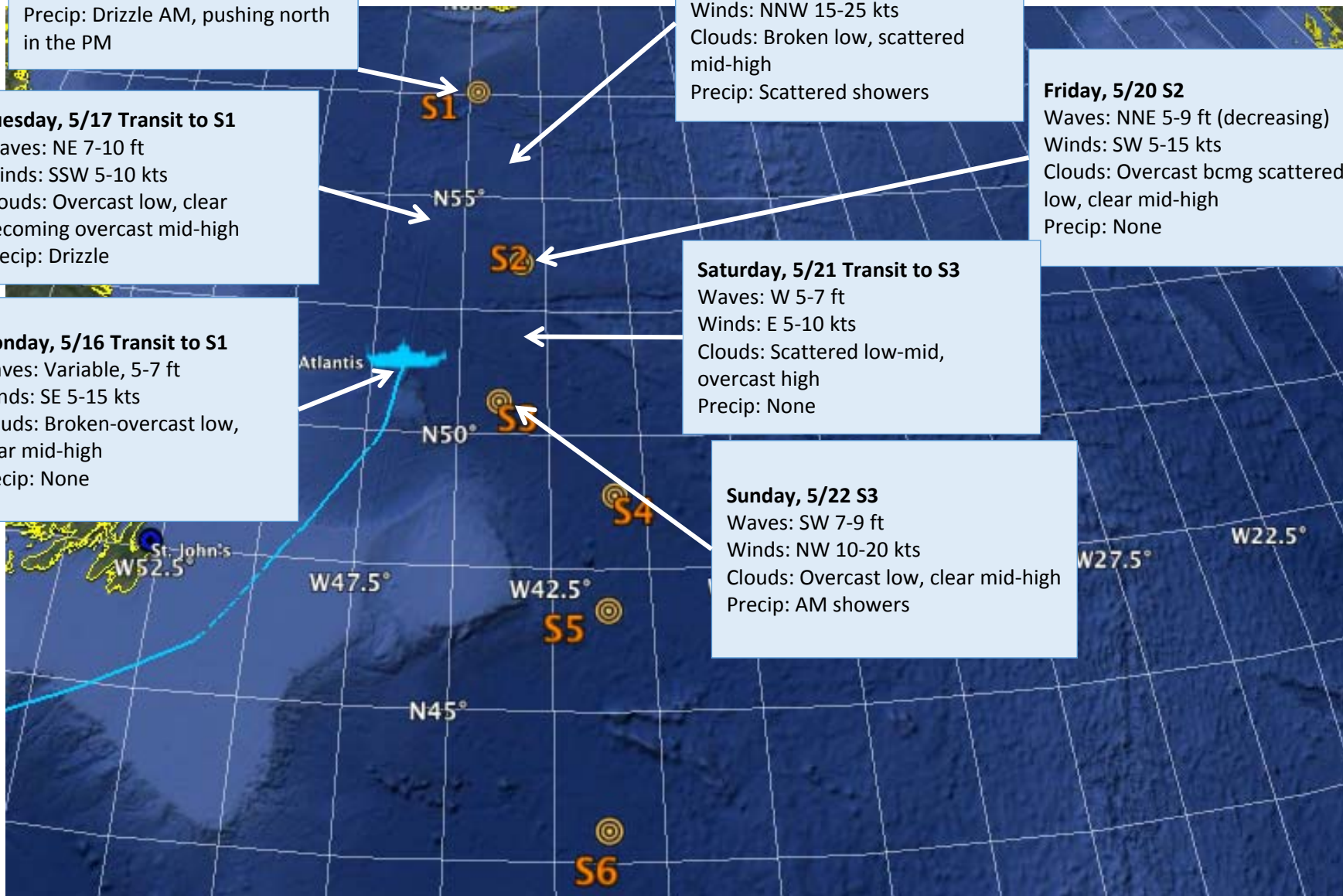
Waves: NNE 5-9 ft (decreasing)  
Winds: SW 5-15 kts  
Clouds: Overcast bcmg scattered low, clear mid-high  
Precip: None

## Saturday, 5/21 Transit to S3

Waves: W 5-7 ft  
Winds: E 5-10 kts  
Clouds: Scattered low-mid, overcast high  
Precip: None

## Sunday, 5/22 S3

Waves: SW 7-9 ft  
Winds: NW 10-20 kts  
Clouds: Overcast low, clear mid-high  
Precip: AM showers



# Forecast Summary

## **Day 1 (Tuesday) – May 17**

**Recommendation: Ship in transit to S1. Flight unlikely**

St. John's: Mostly cloudy and windy with showers developing later in the day. High 47F. Winds SW at 20 to 30 mph. Chance of rain 50%.

## **Day 2 (Wednesday) – May 18**

**Recommendation: Ship at S1. Good fly day, no transport into S1, but broken clouds/drizzle**

St. John's: Windy with a mix of clouds and sun in the morning. Showers developing during the afternoon. High 49F. Winds W at 20 to 30 mph. Chance of rain 40%.

## **Day 3 (Thursday) – May 19**

**Recommendation: Ship in transit to S2. Potential fly day, not bad conditions for survey**

St. John's: Except for a few afternoon clouds, mainly sunny. High 56F. Winds W at 5 to 10 mph.

## **Day 4 (Friday) – May 20**

**Recommendation: Ship at S2. Potential fly day, conditions look favorable at S2-4**

St. John's: Partly to mostly cloudy. High 53F. Winds E at 10 to 20 mph.

## **Day 5 (Saturday) – May 21**

**Recommendation: Ship in transit to S3. Potential fly day, but most of ship track cloudy**

St. John's: Generally sunny despite a few afternoon clouds. High near 60F. Winds WSW at 10 to 20 mph.

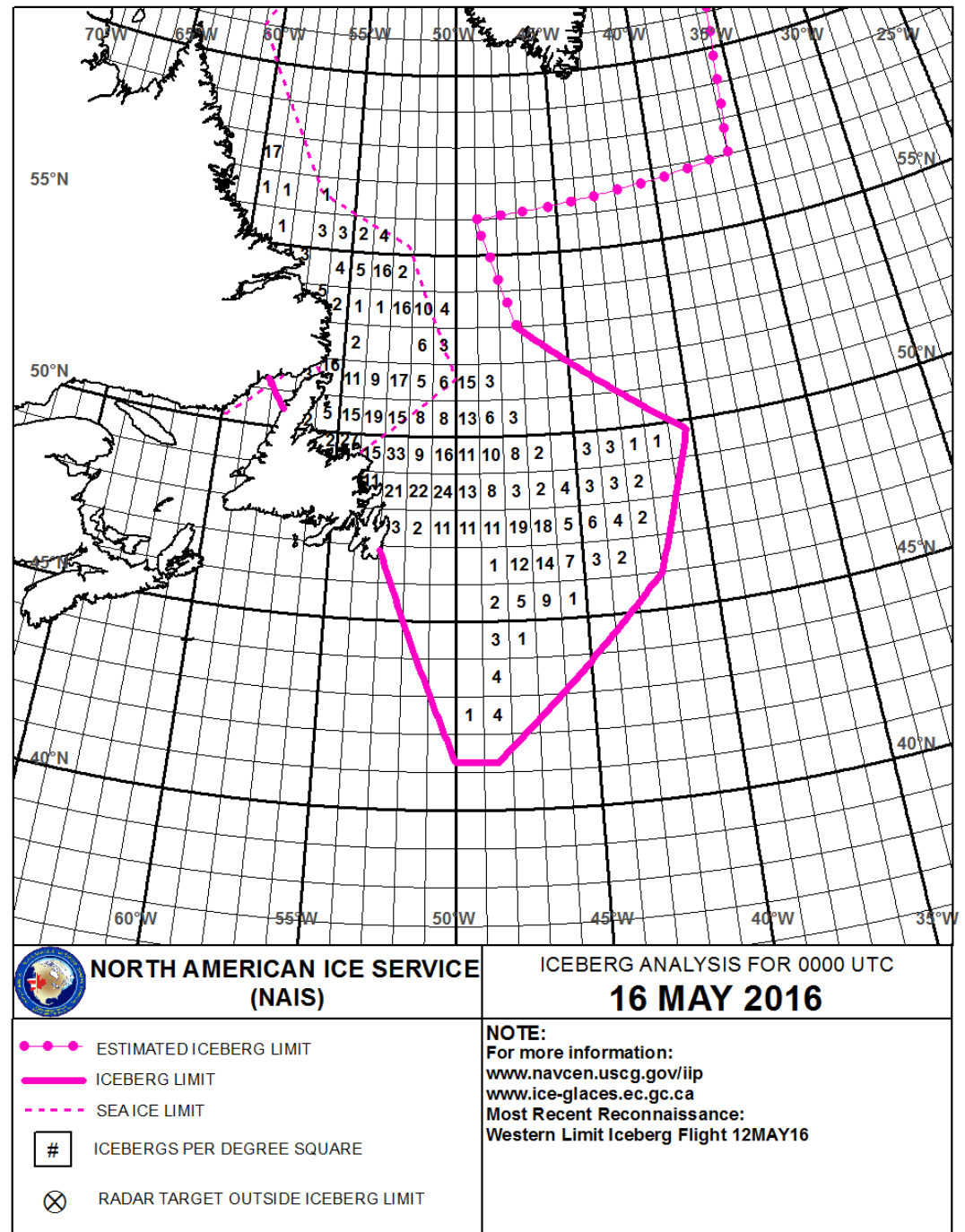
## **Day 6 (Sunday) – May 22**

**Recommendation: Ship at S3. Cloudy/showers near ship, potential survey conditions S4-6**

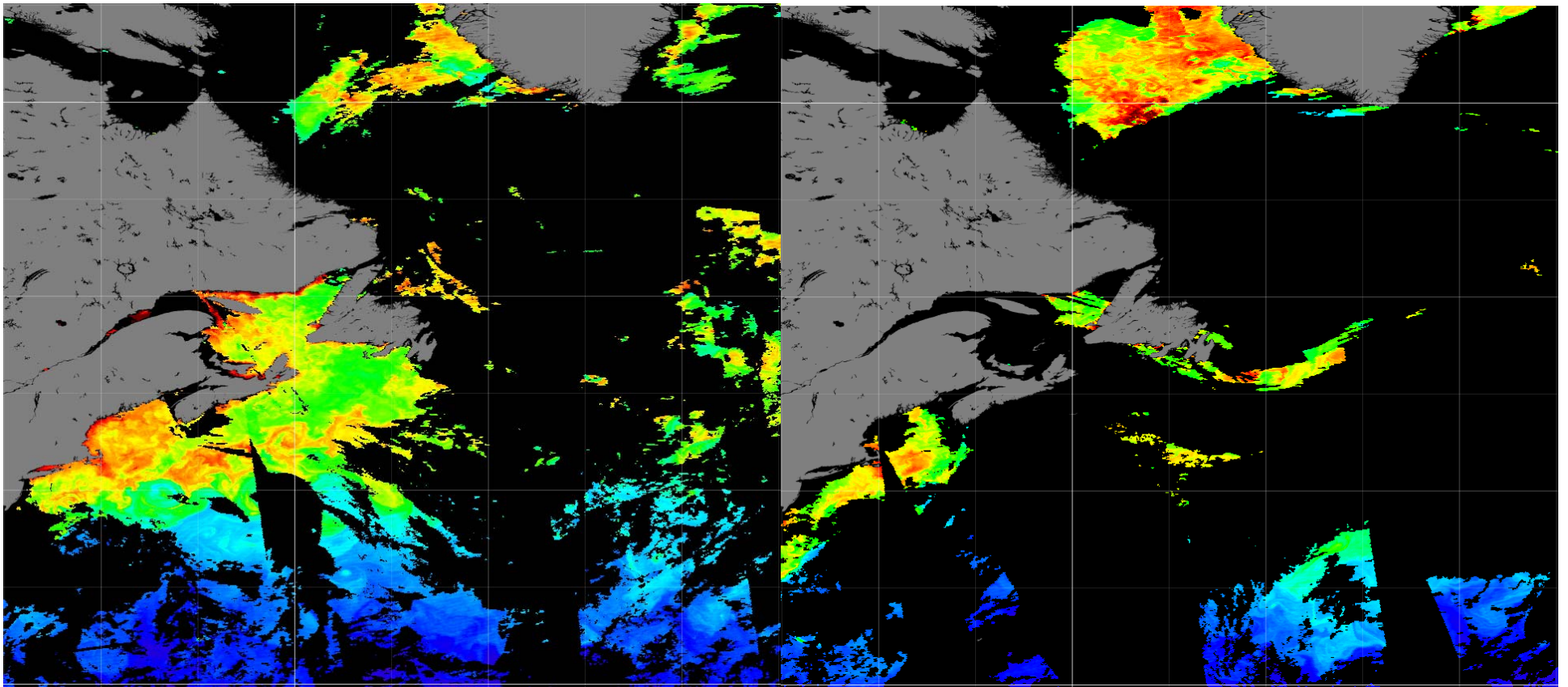
St. John's: Except for a few afternoon clouds, mainly sunny. High near 50F. Winds NNW at 10 to 20 mph.

# Iceberg Analysis

Monday

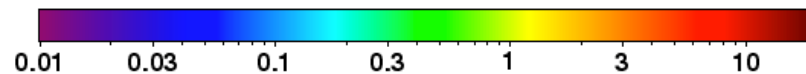


# MODIS Aqua Chlorophyll Composite (May 12-14, 2016)      May 15, 2016

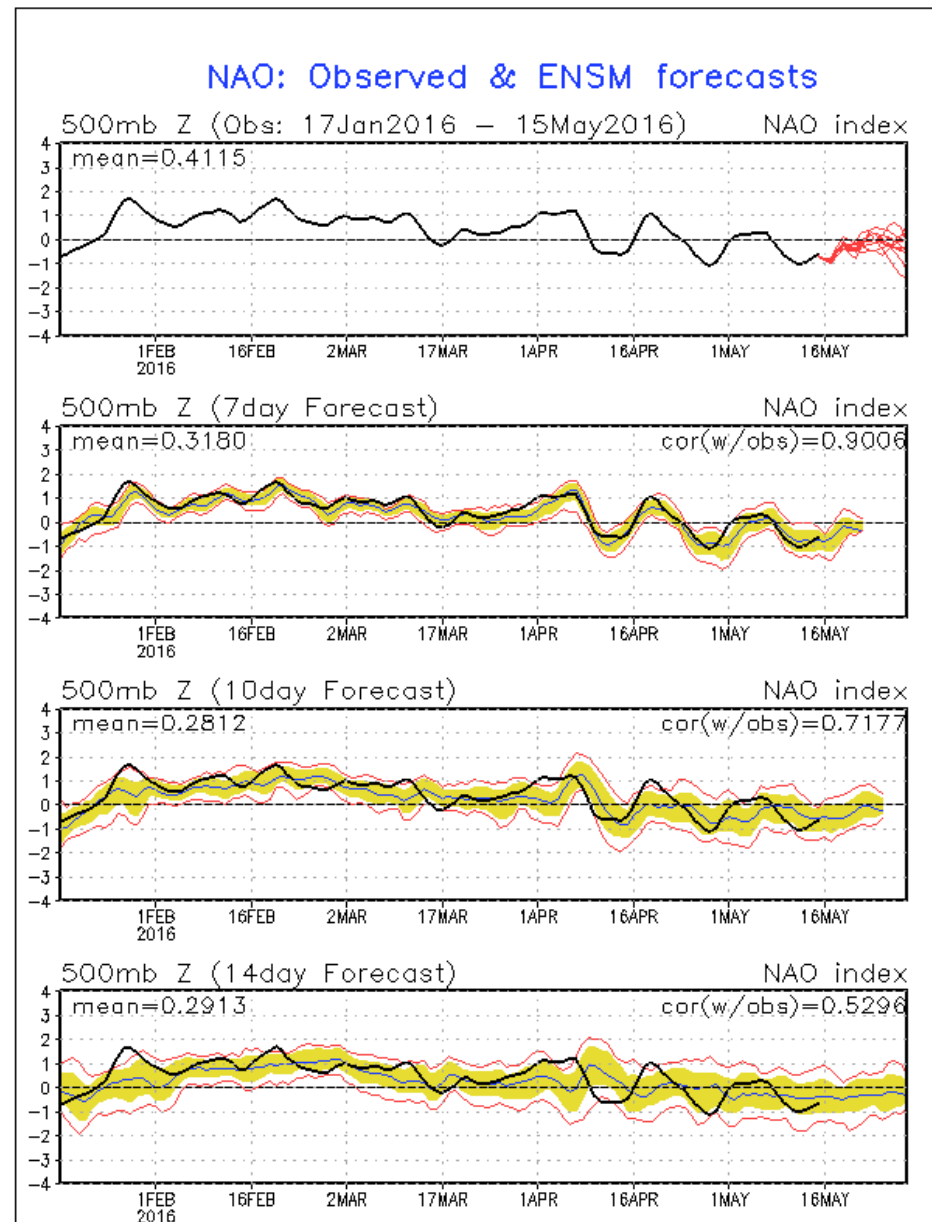


60W

Chlorophyll a concentration ( mg / m<sup>3</sup> )

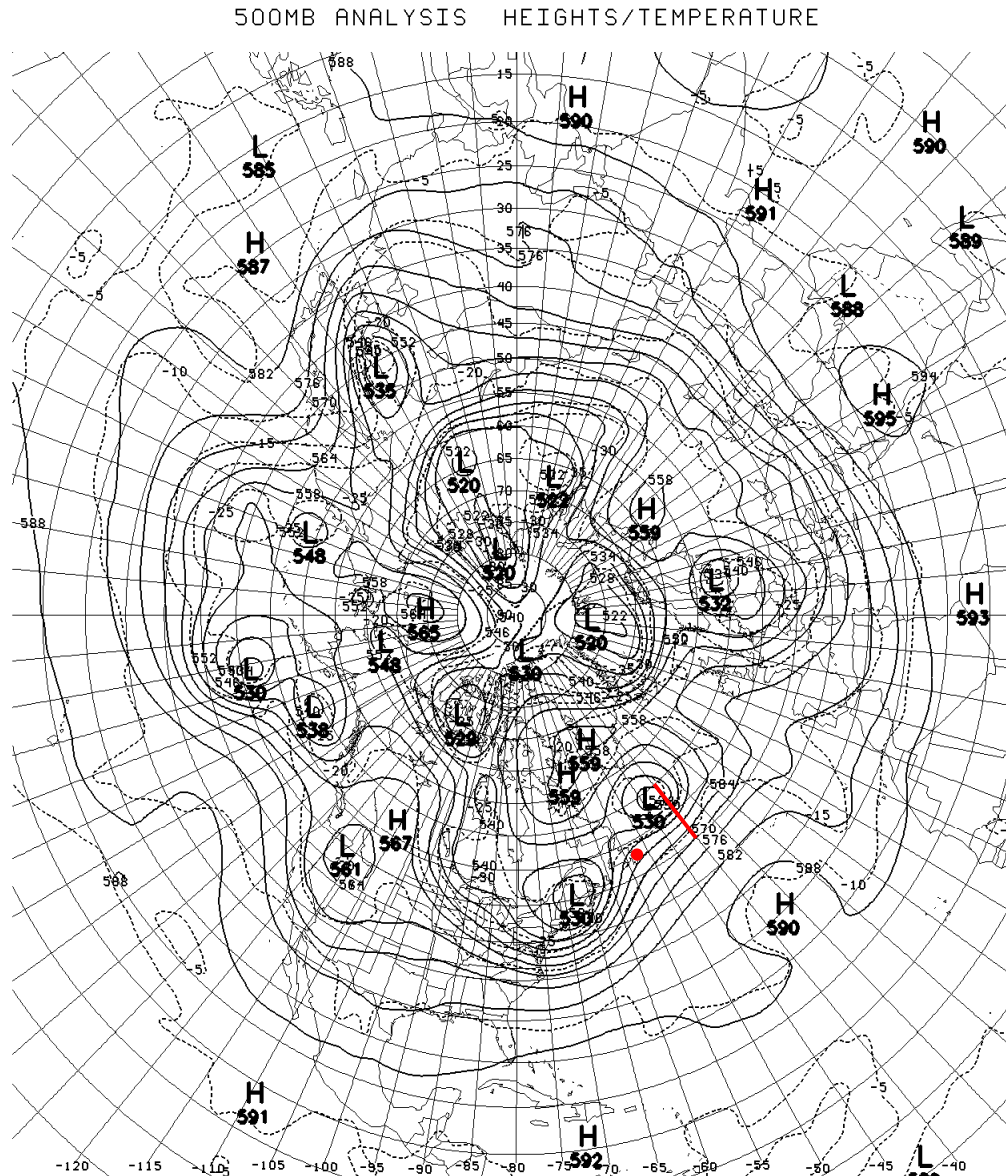


# North Atlantic Oscillation





# North Atlantic Oscillation



05/16/2016 06UTC 000HR FCST VALID MON 05/16/2016 06UTC NCEP/NWS/NOAA

# Current Conditions at St. John's

Saint John's, Newfoundland ★🏠

✈ [St. John's International](#) | [Change Station](#) ▼

🕒 11:37 AM NDT on May 16, 2016 (GMT -0230)

[Forecast](#) [History](#) [Calendar](#) [Rain / Snow](#) [Health](#)

Elev 459 ft 47.62 °N, 52.74 °W | Updated 14 sec ago



46.4 °F



Overcast

Feels Like 40 °F

Wind from S  
Gusts 25.3 mph

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

Today

High 58 | Low 38 °F

10% Chance of Precip.

Yesterday

High 52 | Low 36 °F

Precip. 0 in

Pressure	29.70 in
Visibility	3.0 miles
Clouds	Overcast 500 ft
Windchill	39.5 °F
Dew Point	43 °F
Humidity	87%
Rainfall	0.00 in
Snow Depth	Not available.

Sun & Moon

5:21 am

8:33 pm

☾ Waxing Gibbous,  
77% visible

METAR CYYT 161400Z 17015G22KT 3SM BR  
OVC005 08/06 A2968 RMK ST8 SLP056

Radar

Satellite

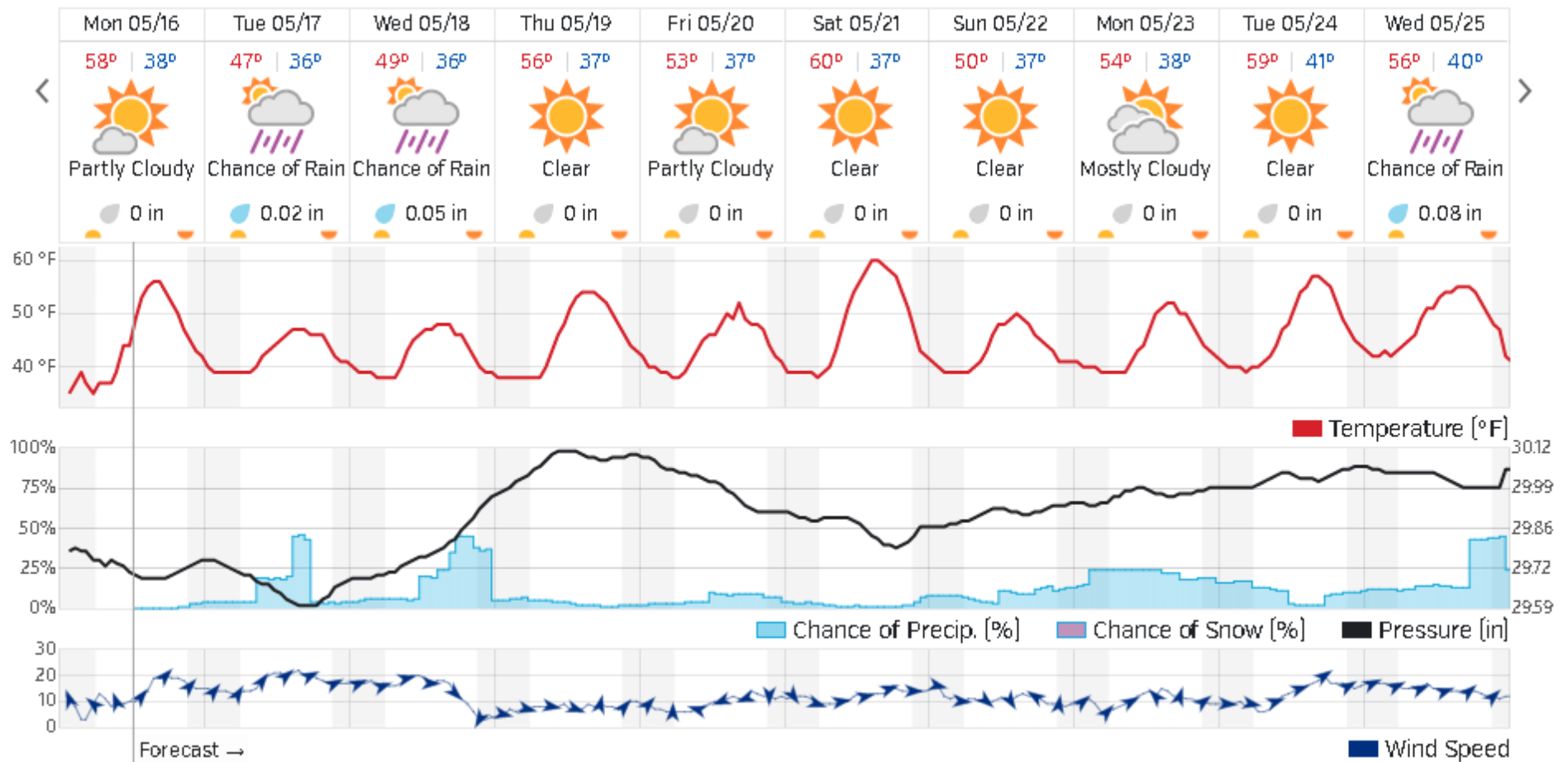
[WunderMap](#) | [Nexrad](#)



☐ Show Webcams



# St. John's Forecast



# St. John's METAR and TAF

TAF AMD CYYT 161404Z 1614/1712 17012G22KT 3SM BR OVC005 BECMG 1614/1616 P6SM NSW SCT008 BKN020 FM161530 23018G28KT P6SM SCT025 TEMPO 1615/1618 BKN020 FM162000 23020G30KT P6SM SCT030 TEMPO 1620/1623 BKN030 FM170500 23015KT P6SM BKN020 TEMPO 1708/1712 4SM -SHRA BR BKN006 RMK NXT FCST BY 161800Z=				
AMENDED TAF		LOCATION		VALIDITY [UTC]
		CYYT - ST. JOHN'S/ST. JOHN'S INTL/NL		16 MAY - 1404 to 17 MAY - 1200
TIMES [UTC]	WIND [DEGREES TRUE]	VISIBILITY [STAT. MILES]	WEATHER	CLOUDINESS [FEET AGL]
16 MAY - 1400 to 16 MAY - 1530	170 @ 12 KNOTS GUSTS 22 KNOTS	3	MIST	500 OVERCAST
BECOMING 16 MAY - 1400 to 16 MAY - 1600		6+	NIL	800 SCATTERED 2000 BROKEN
16 MAY - 1530 to 16 MAY - 2000	230 @ 18 KNOTS GUSTS 28 KNOTS	6+	NIL	2500 SCATTERED
TEMPORARY CHANGES 16 MAY - 1500 to 16 MAY - 1800				2000 BROKEN
16 MAY - 2000 to 17 MAY - 0500	230 @ 20 KNOTS GUSTS 30 KNOTS	6+	NIL	3000 SCATTERED
TEMPORARY CHANGES 16 MAY - 2000 to 16 MAY - 2300				3000 BROKEN
17 MAY - 0500 to 17 MAY - 1200	230 @ 15 KNOTS	6+	NIL	2000 BROKEN
TEMPORARY CHANGES 17 MAY - 0800 to 17 MAY - 1200		4	LIGHT RAIN SHOWER MIST	600 BROKEN
REMARKS				
THE NEXT FORECAST WILL BE ISSUED BY 1800 UTC ON DAY 16				

ST. JOHN'S/ST. JOHN'S INTL/NL

METAR CYYT 161400Z 17015G22KT 3SM BR OVC005 08/06 A2968 RMK ST8 SLP056=		
METAR	LOCATION CYYT - ST. JOHN'S/ST. JOHN'S INTL/NL	DATE - TIME 16 MAY 2016 - 1400 UTC
WIND 170 TRUE @ 15 KNOTS GUSTS 22 KNOTS	VISIBILITY 3 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER MIST	CLOUDINESS OVERCAST 500 FT	TEMP / DEWPOINT 8 C / 6 C
ALTIMETER 29.68 IN HG	RECENT WEATHER	WIND SHEAR

# Surface Analysis and Synoptic Forecast

