

A stylized weather graphic on a blue background. In the top right, a large yellow sun is partially visible. To its left are several light blue clouds of various shapes. Below the clouds, several horizontal lines represent rain, with the top line being a light blue gradient and the bottom line being a solid dark blue. The main title is written in white, bold, sans-serif font, slanted upwards from left to right. The date is written in a smaller white, sans-serif font, also slanted upwards, within a light blue rounded rectangular shape at the bottom.

NAAMES Afternoon WX Discussion

Thursday, June 2, 2016

Forecast Summary

Day 1 (Friday) – June 3

Ship: in transit to WHOI, C-130: Science transit to LaRC

St. John's: Mostly sunny skies. High 52F. Winds N at 5 to 10 mph.

LaRC: Mostly cloudy. Chance of showers and thunderstorms in the afternoon. Locally heavy rainfall possible late. Highs in the lower 80s. Southeast winds 5 to 10 mph.

Chance of rain 50 percent.

Day 2 (Saturday) – June 4

Ship: in transit to WHOI, C-130: De-integrate AATS-14

LaRC: Mostly cloudy. A chance of showers in the morning...then a chance of showers and thunderstorms in the afternoon. Highs in the lower 80s. East winds 5 to 10 mph.

Chance of rain 40 percent.

Day 3 (Sunday) – June 5

Ship: arriving at WHOI, C-130: None

LaRC: Mostly cloudy with showers and thunderstorms likely. Highs in the lower 80s. Chance of rain 60 percent.

WHOI: Rain likely. Highs in the upper 60s. Chance of rain 70 percent.

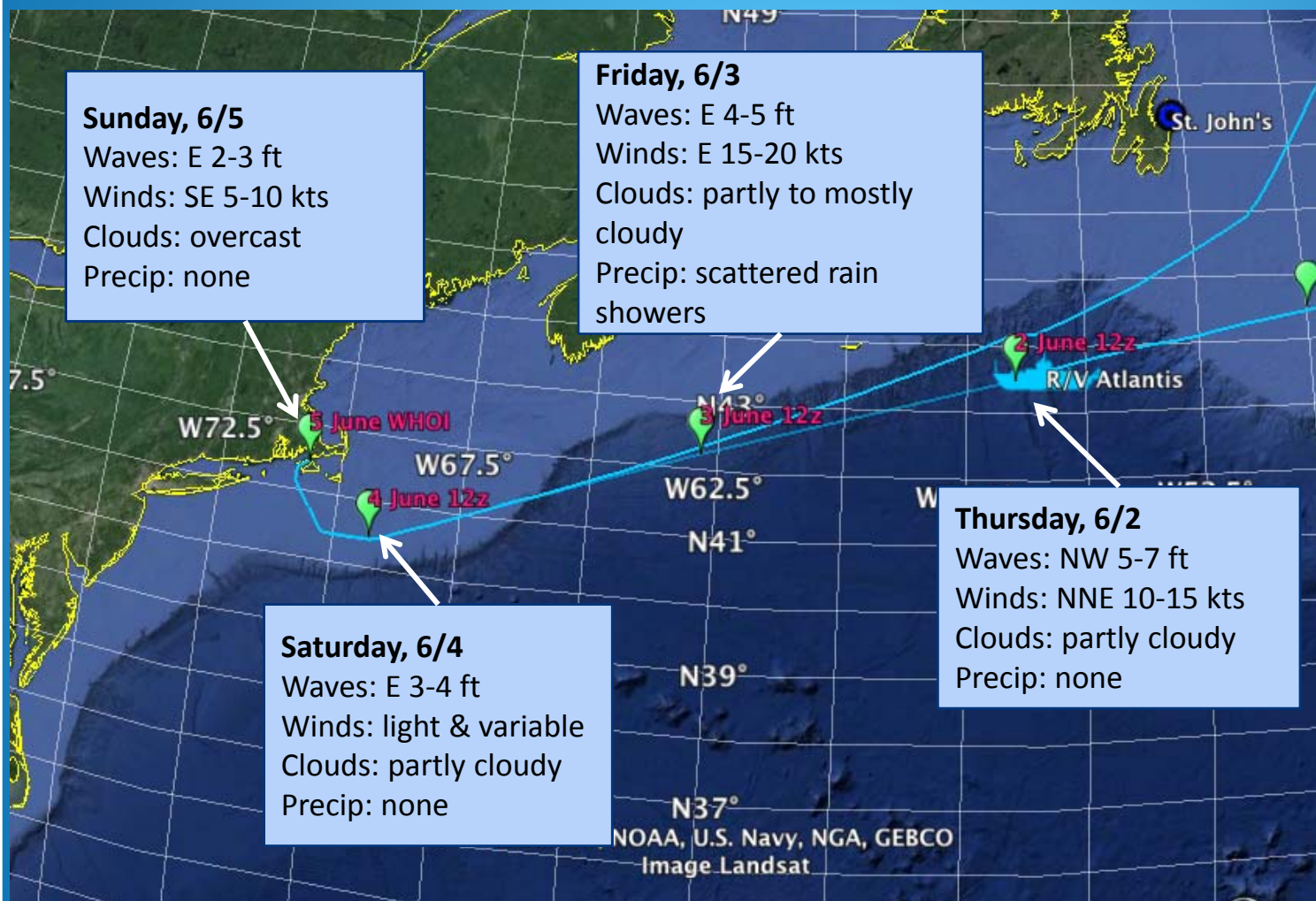
Day 4 (Monday) – June 6

Ship: DMOB, C-130: De-integration

LaRC: Partly sunny. Highs around 80.

WHOI: Partly sunny with a chance of showers. Highs in the lower 70s. Chance of rain 30 percent.

Planned Ship Route & Forecast



Current Conditions at St. John's

Elev 459 ft 47.62 °N, 52.74 °W | Updated 29 min ago



Scattered
Clouds

43 °F

Feels Like 34 °F



Wind from North
Gusts 33 mph

Pressure	30.30 in
Visibility	15.0 miles
Clouds	Scattered Clouds 3500 ft
Windchill	34 °F
Dew Point	25 °F
Humidity	49%
Rainfall	0.00 in
Snow Depth	Not available.

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

Today

High 47 | Low 35 °F
0% Chance of Precip.

Yesterday

High 50 | Low 32 °F
Precip. 0 in

Sun & Moon

5:06 am
8:52 pm

Waning Crescent,
9% visible

METAR CYYT 021400Z 36017G29KT 15SM SCT035
06/M04 A3028 RMK SC3 SLP260

Forecast

St. John's

Thursday 6/2

Friday 6/3

Saturday 6/4

Sunday 6/5

Monday 6/6

LaRC

WHOI

47° | 36°



Partly Cloudy

0% / 0 in

52° | 35°



Clear

0% / 0 in

83° | 70°



Chance of a
Thunderstorm
50% / 0.37 in

81° | 70°



Chance of a
Thunderstorm
40% / 0.12 in

83° | 69°



Thunderstorm
50% / 0 in

81° | 67°



Chance of a
Thunderstorm
20% / 0 in

67° | 61°



Rain

70% / 0 in

68° | 61°



Chance of a
Thunderstorm
30% / 0 in

St. John's METAR/TAF

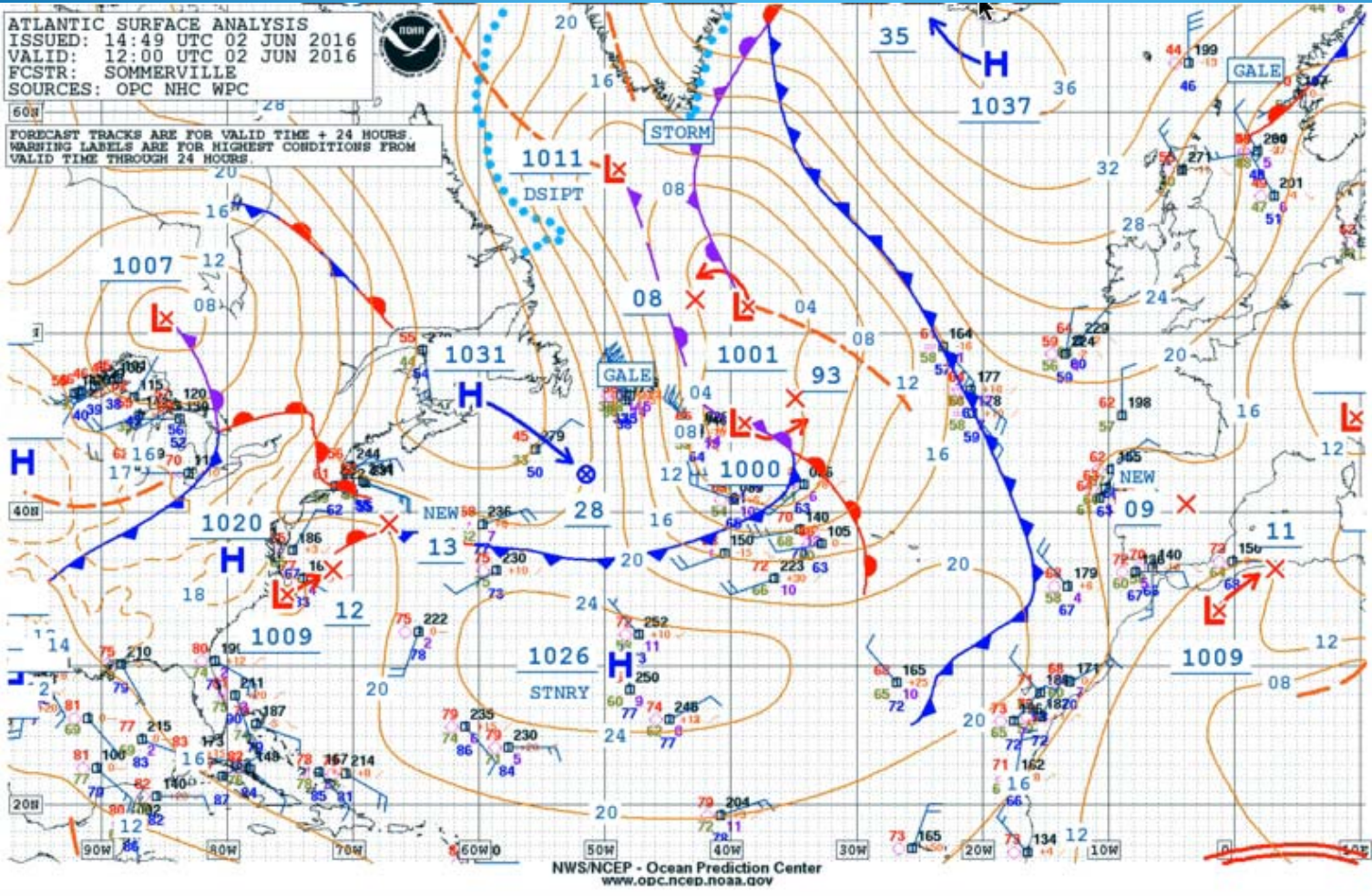
METAR CYYT 021400Z 36017G29KT 15SM SCT035 06/M04 A3028 RMK SC3 SLP260=

METAR	LOCATION CYYT - ST. JOHN'S/ST. JOHN'S INTL/NL	DATE - TIME 02 JUNE 2016 - 1400 UTC
WIND 360 TRUE @ 17 KNOTS GUSTS 29 KNOTS	VISIBILITY 15 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER	CLOUDINESS SCATTERED CLOUDS (3/8 - 4/8) 3500 FT	TEMP / DEWPOINT 6 C / -4 C
ALTIMETER 30.28 IN HG	RECENT WEATHER	WIND SHEAR

TAF AMD CYYT 021251Z 0212/0312 34020G30KT P6SM FEW020 FM021500 33015G25KT P6SM SCT030
BECMG 0220/0222 35007KT FM030300 28005KT P6SM FEW040 BECMG 0310/0312 30012KT FEW160
RMK NXT FCST BY 021800Z=

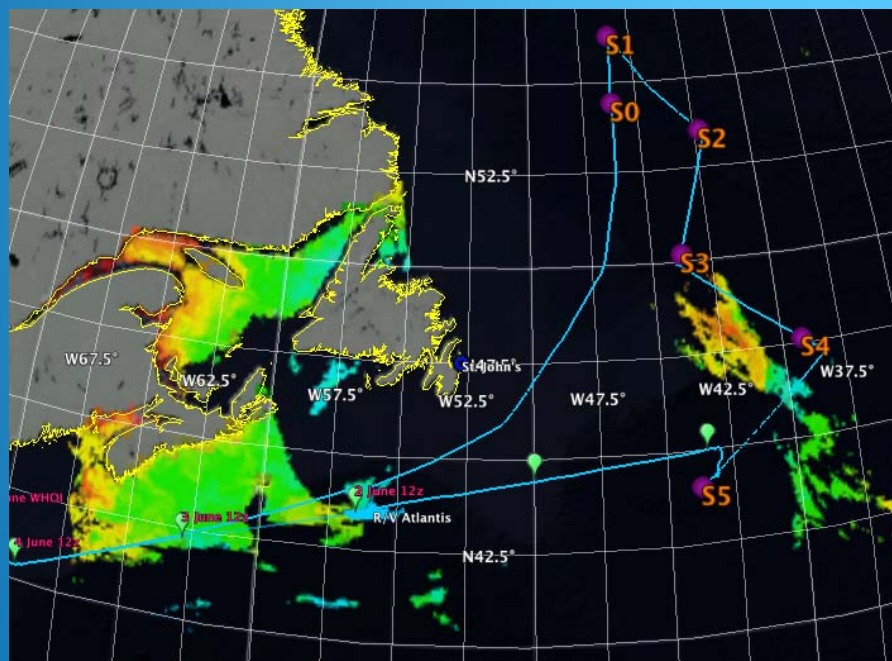
AMENDED TAF		LOCATION CYYT - ST. JOHN'S/ST. JOHN'S INTL/NL	VALIDITY [UTC] 02 JUN - 1251 to 03 JUN - 1200	
TIMES [UTC]	WIND [DEGREES TRUE]	VISIBILITY [STAT. MILES]	WEATHER	CLOUDINESS [FEET AGL]
02 JUN - 1200 to 02 JUN - 1500	340 @ 20 KNOTS GUSTS 30 KNOTS	6+	NIL	2000 FEW
02 JUN - 1500 to 03 JUN - 0300	330 @ 15 KNOTS GUSTS 25 KNOTS	6+	NIL	3000 SCATTERED
BECOMING 02 JUN - 2000 to 02 JUN - 2200	350 @ 7 KNOTS			
03 JUN - 0300 to 03 JUN - 1200	280 @ 5 KNOTS	6+	NIL	4000 FEW
BECOMING 03 JUN - 1000 to 03 JUN - 1200	300 @ 12 KNOTS			16000 FEW
REMARKS THE NEXT FORECAST WILL BE ISSUED BY 1800 UTC ON DAY 02				

Surface Analysis and Synoptic Forecast

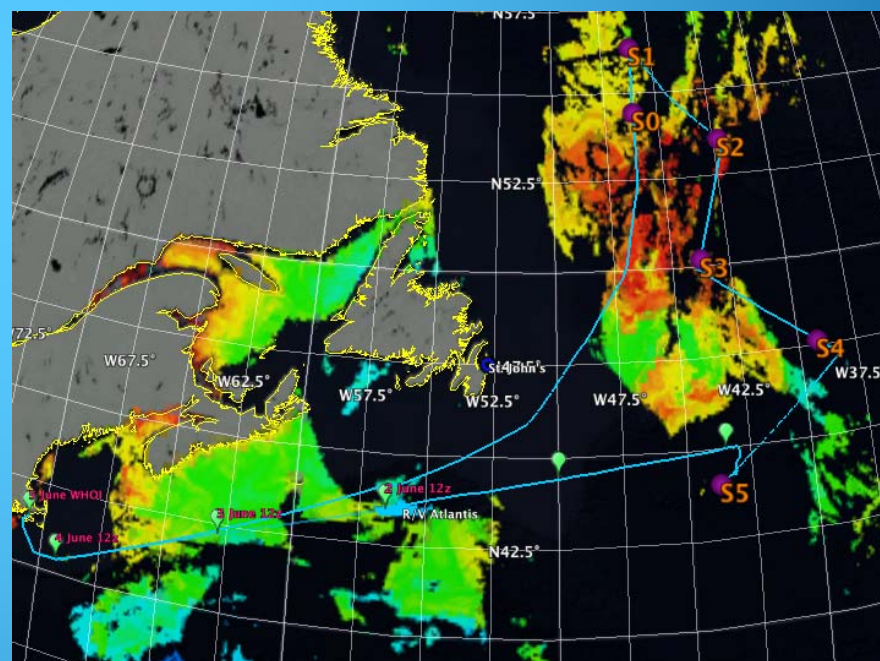


MODIS Aqua Chlorophyll

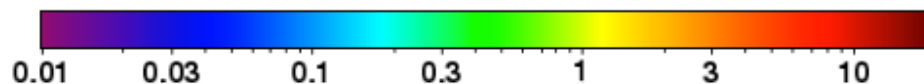
June 1, 2016



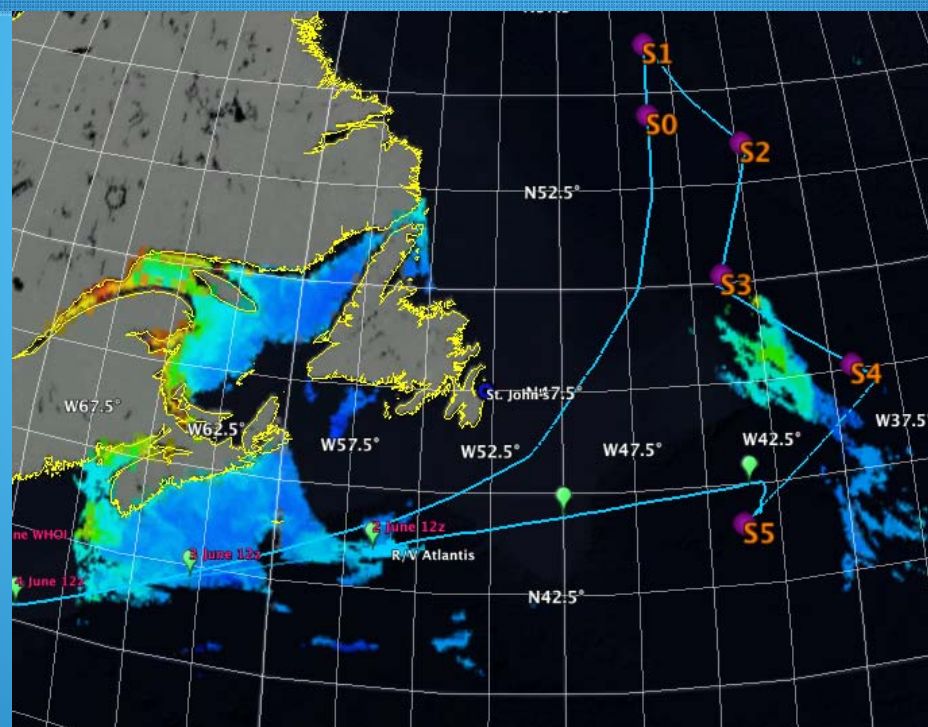
May 30-June 1, 2016



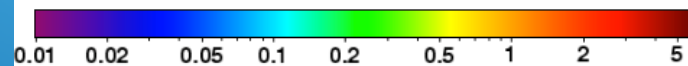
Chlorophyll a concentration (mg / m³)



MODIS Aqua Kd – June 1, 2016



Diffuse attenuation coefficient at 490 nm (m^{-1})



Satellite (6/2 14:15Z)

Visible

IR

