

NAAMES Afternoon WX Discussion

Monday, May 23, 2016

Forecast Summary

Day 1 (Tuesday) – May 22 – Ship at S4

Recommendation: Down

St. John's: Mostly cloudy, with clouds decreasing throughout day, Winds WSW 10-15 mph. High 68F.

Day 2 (Wednesday) – May 23

Recommendation: Down

St. John's: Rain showers (50% chance) and mostly cloudy, Winds SSW 10-20 mph. High 67F.

Day 3 (Thursday) – May 24 – Ship at S5

Recommendation: ??

St. John's: Cloudy with showers (80% chance), Winds W 15-25 mph. High 55F.

Day 4 (Friday) – May 25

Recommendation: Fly

St. John's: Mostly to partly cloudy, Winds NNE 20-30 mph. High 44F.

Day 5 (Saturday) – May 26 – Ship at S6

Recommendation: Fly

St. John's: Mix of sun and clouds, Winds S 10-20 mph. High 54F.

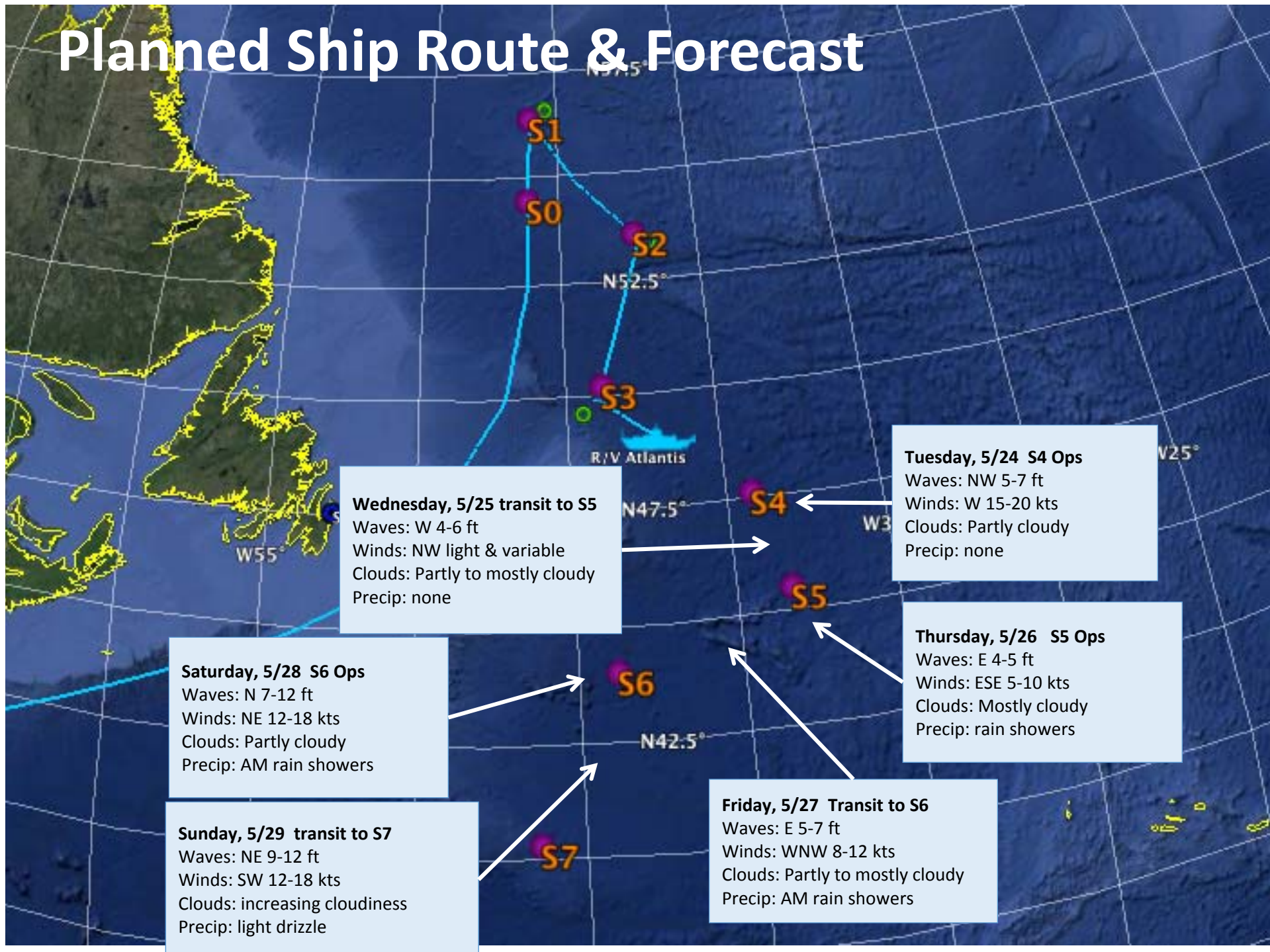
Day 6 (Sunday) – May 27

Recommendation: Fly

St. John's: Mostly cloudy with showers (60% chance), Winds SSW shifting to NNW 10-20 mph. High 49F.

CALIPSO tracks through domain on 25th, 27th, and 30th.

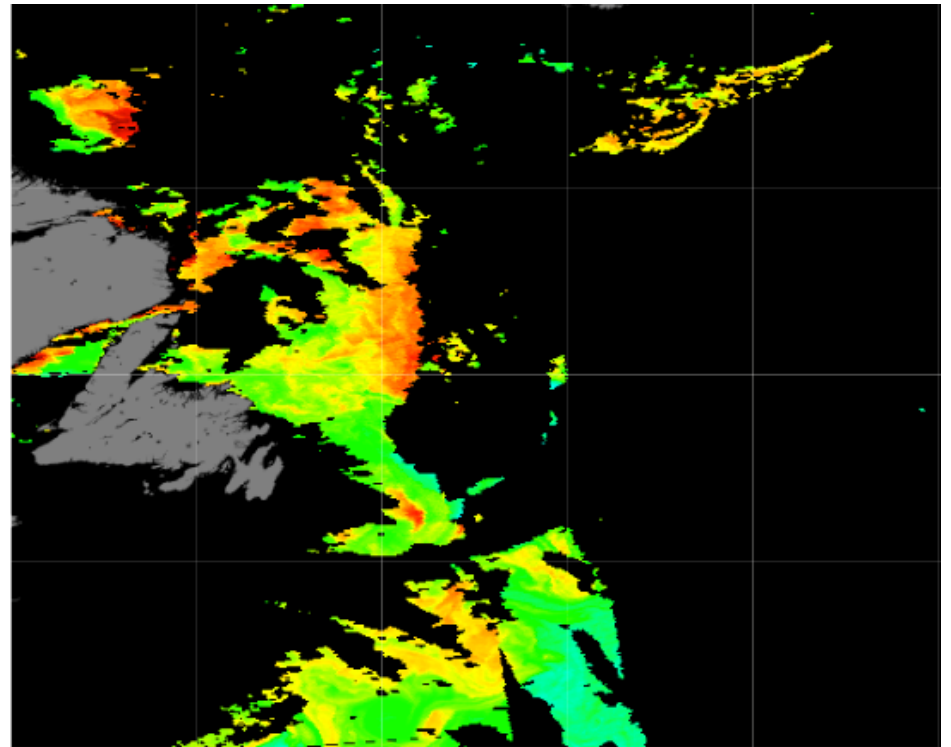
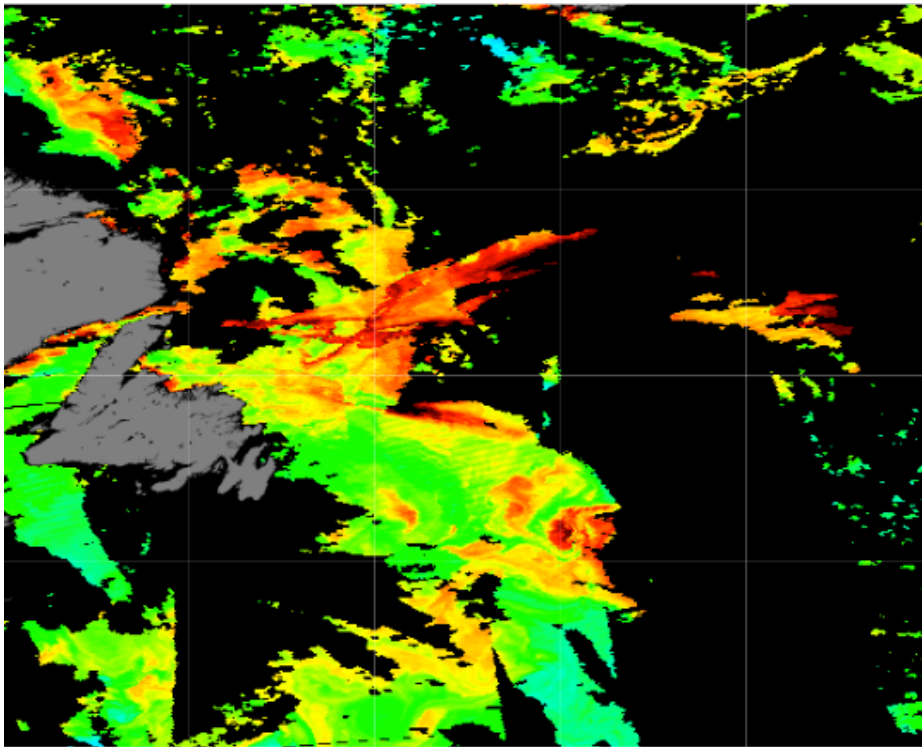
Planned Ship Route & Forecast



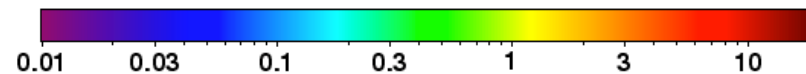
MODIS Aqua Chlorophyll

May 19-22, 2016

May 22, 2016

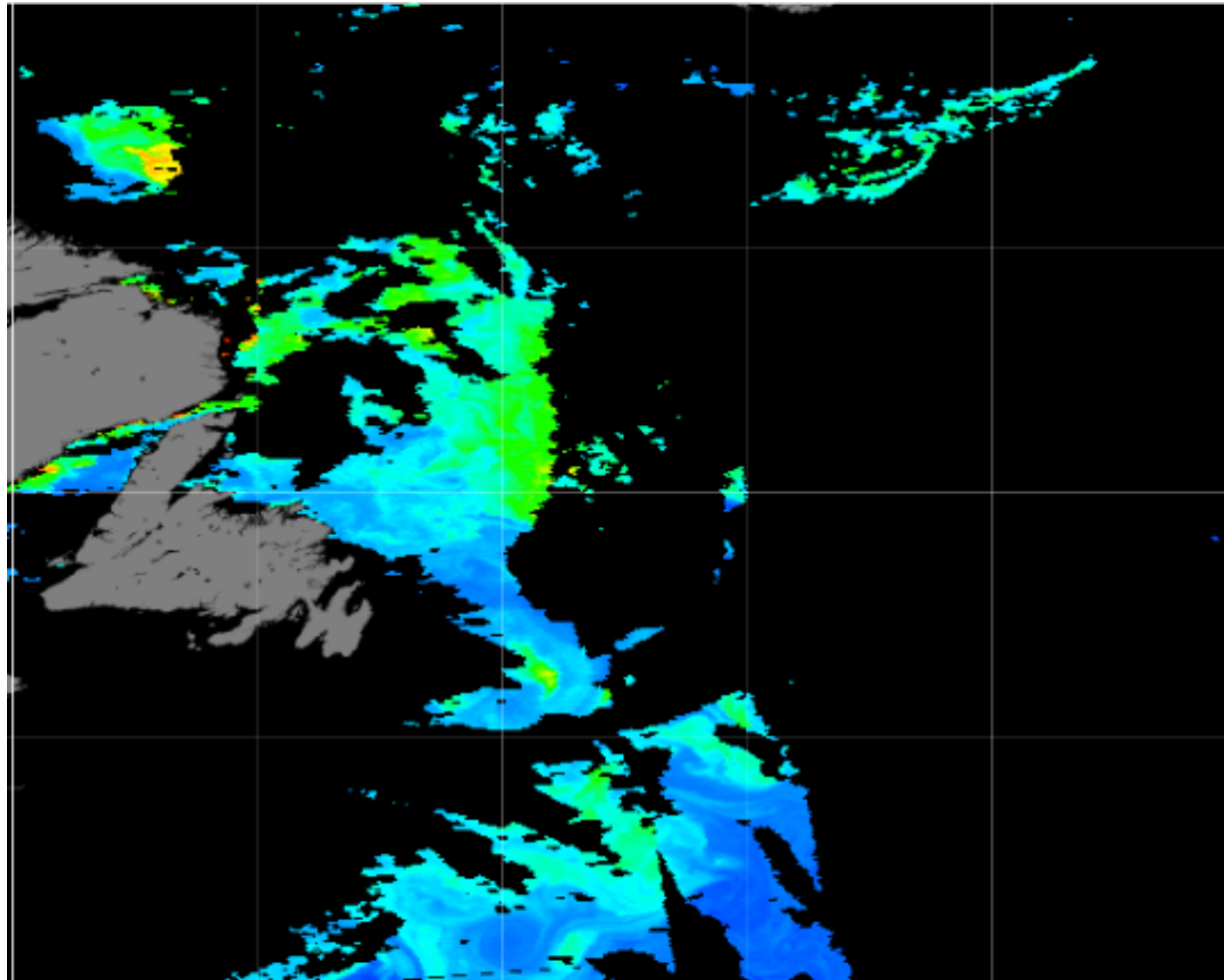


Chlorophyll a concentration (mg / m³)

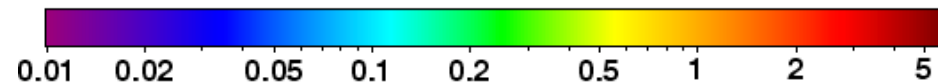


MODIS Aqua Kd

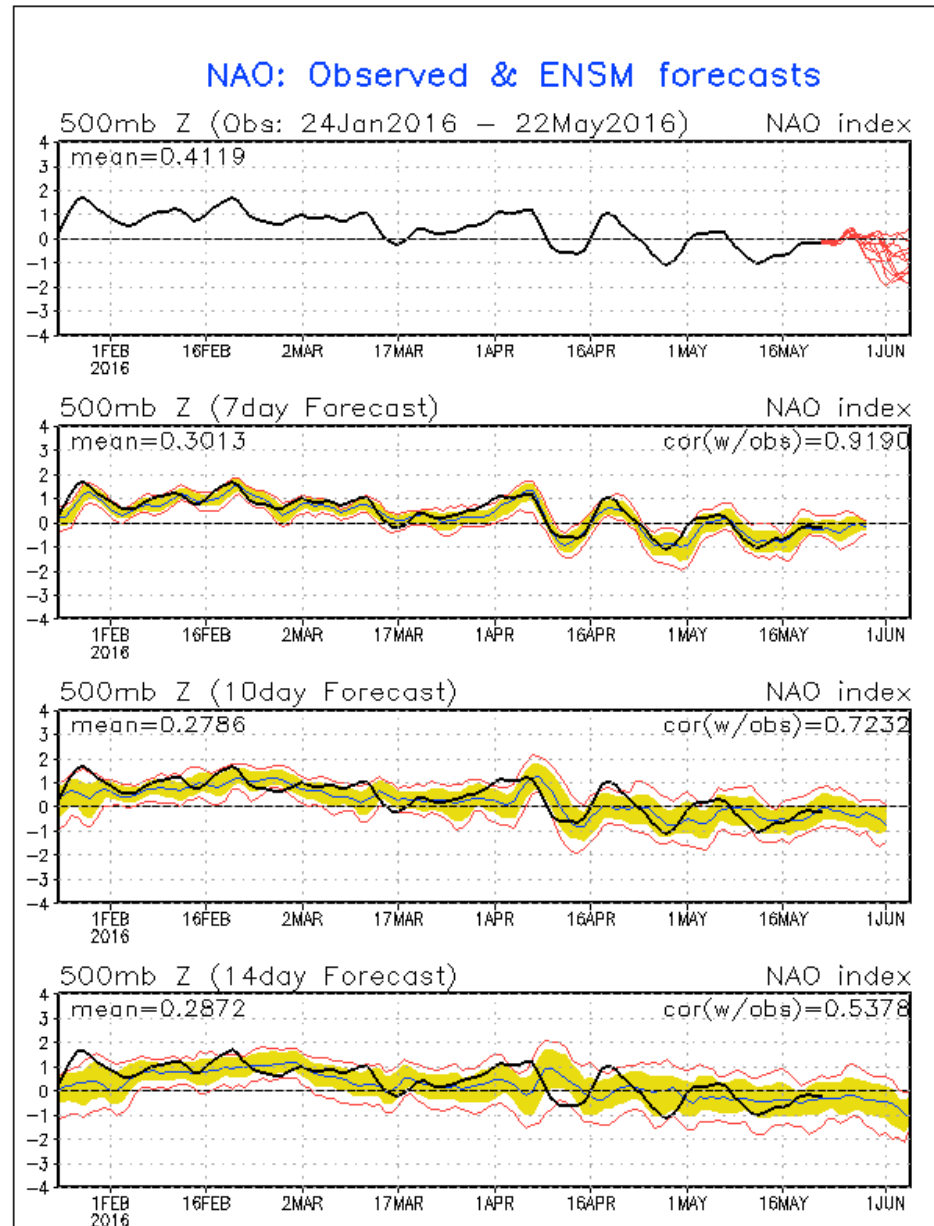
May 22, 2016



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

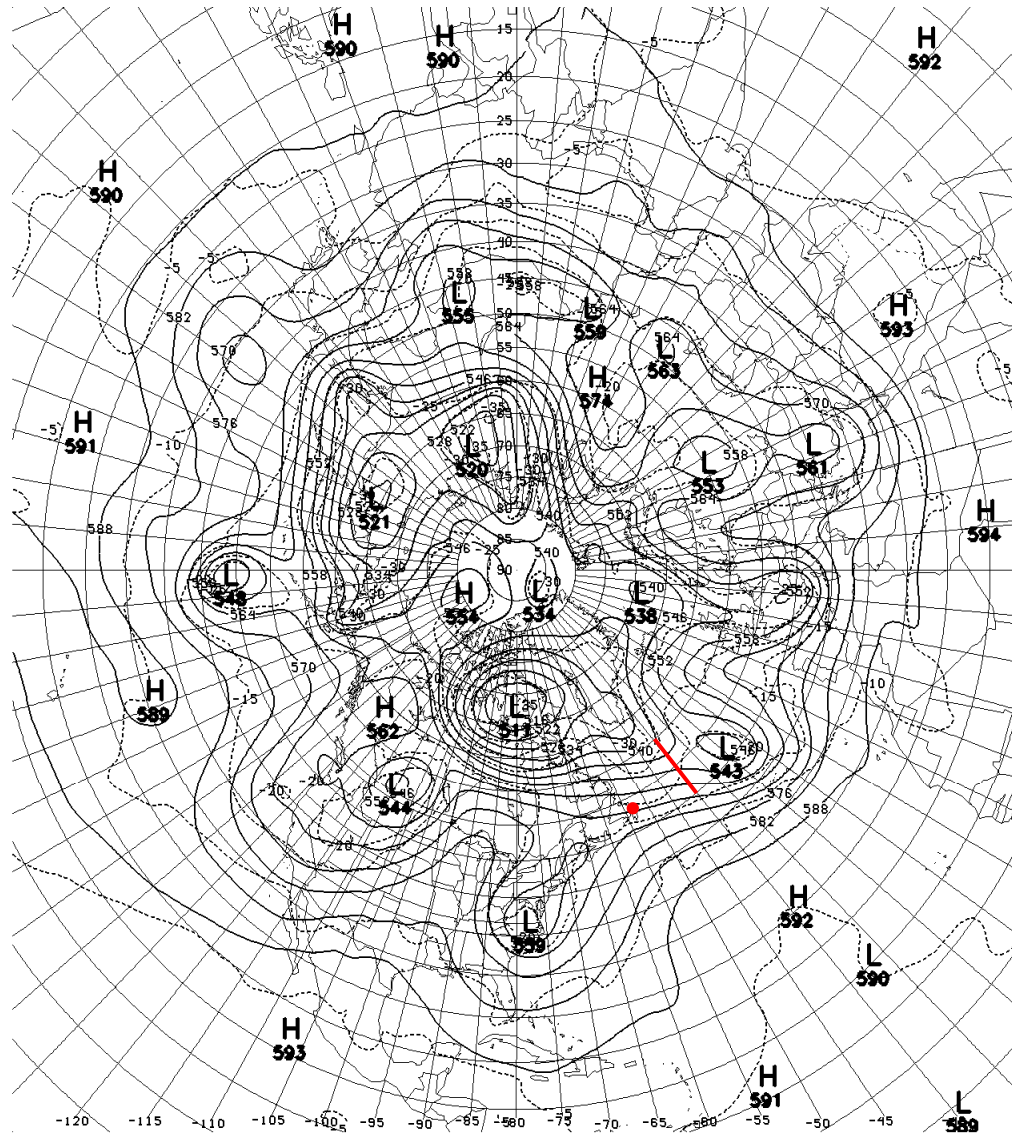


North Atlantic Oscillation



North Atlantic Oscillation

500MB ANALYSIS HEIGHTS/TEMPERATURE



05/23/2016 06UTC 000HR FCST VALID MON 05/23/2016 06UTC NCEP/NWS/NOAA

Current Conditions at St. John's

St. John's, Newfoundland ★ 🏠

✈ St. John's International | Change Station ▼

Forecast History Calendar Rain / Snow Health

Elev 459 ft 47.62 °N, 52.74 °W | Updated 40 min ago



Mostly
Cloudy

57 °F

Feels Like 57 °F



Wind from SW

Pressure	30.17 in
Visibility	15.0 miles
Clouds	Mostly Cloudy 7000 ft
Dew Point	39 °F
Humidity	51%
Rainfall	0.00 in
Snow Depth	Not available.

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

Today

High 54 | Low 44 °F

0% Chance of Precip.

Yesterday

High 48 | Low 36 °F

Precip. 0 in

Sun & Moon

5:14 am

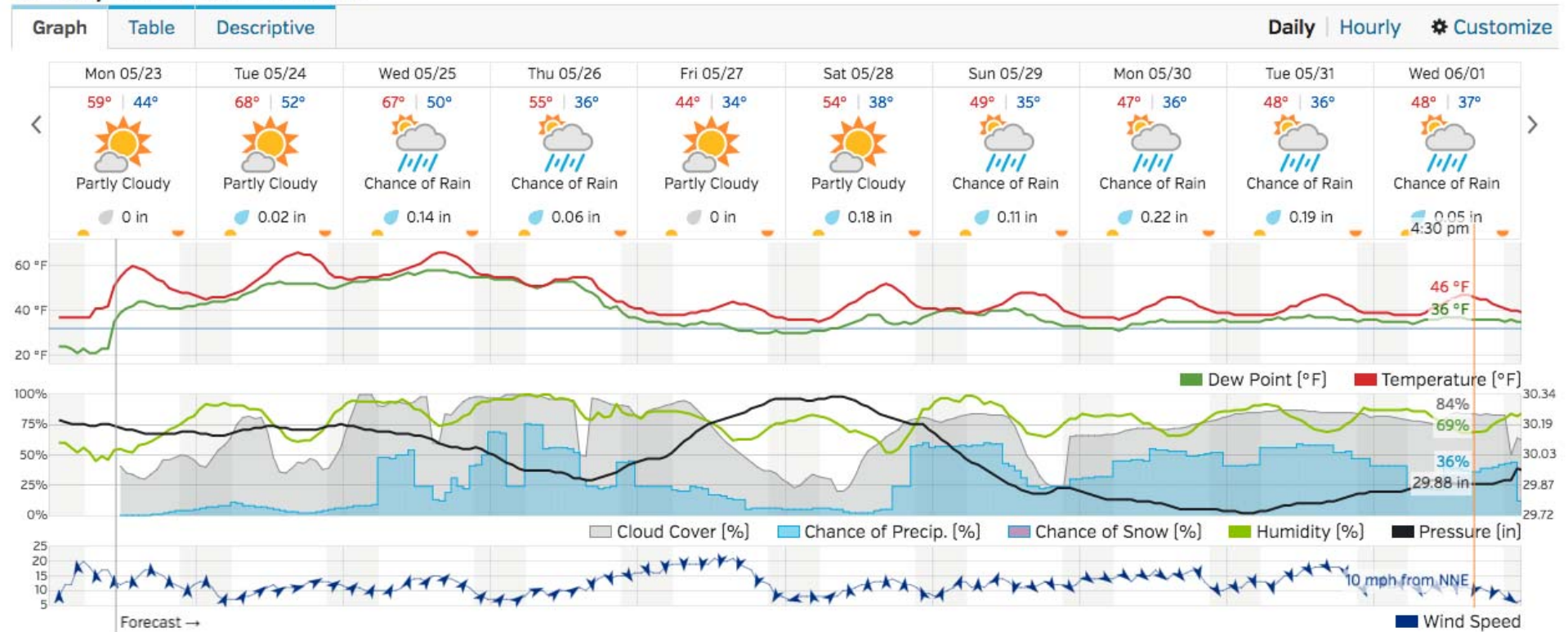
8:42 pm

Full, 97% visible

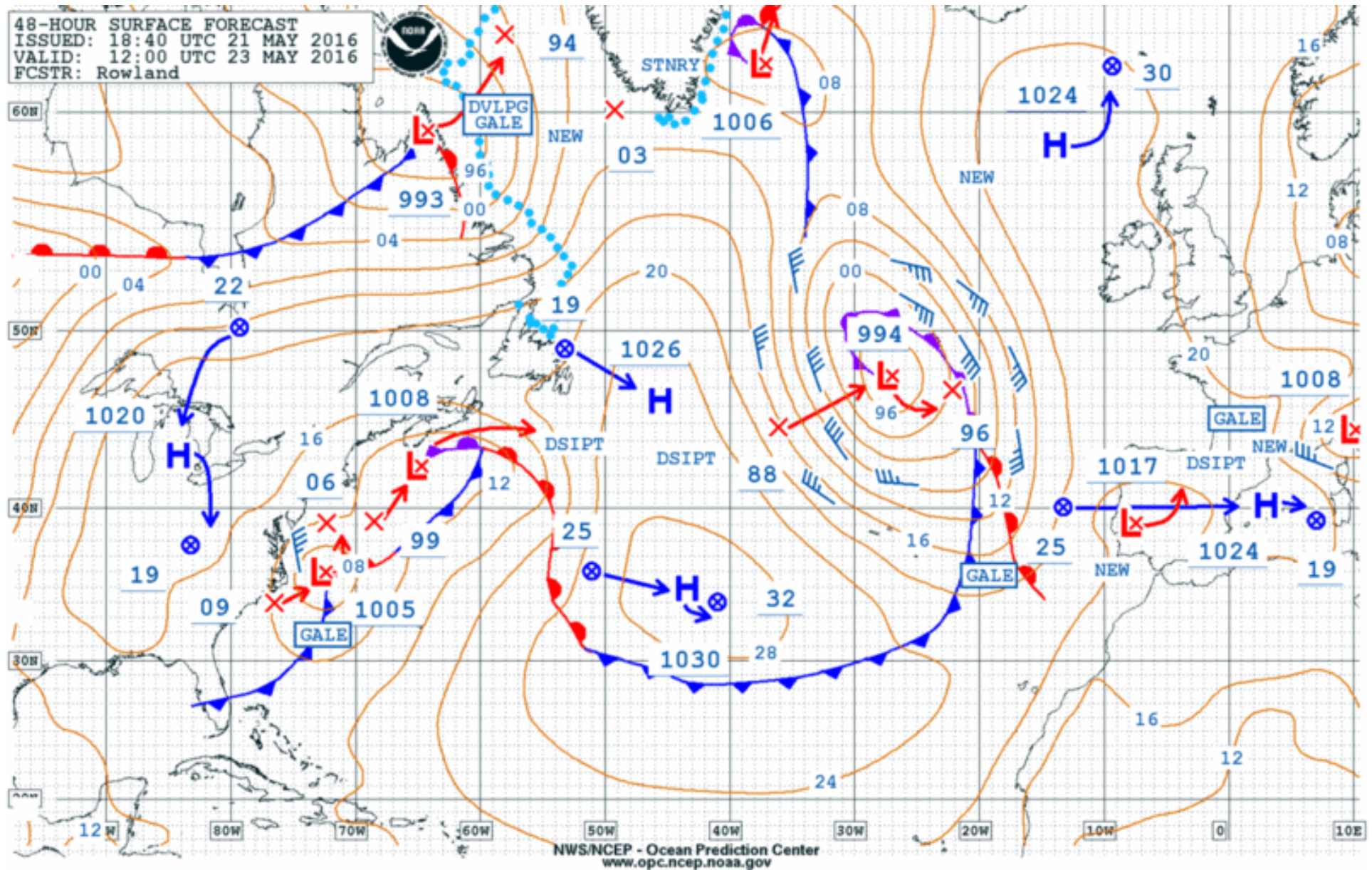
METAR CYYT 231500Z 23008KT 15SM BKN070
14/04 A3015 RMK AC7 WND ESTD SLP217

St. John's Forecast

10-Day Weather Forecast



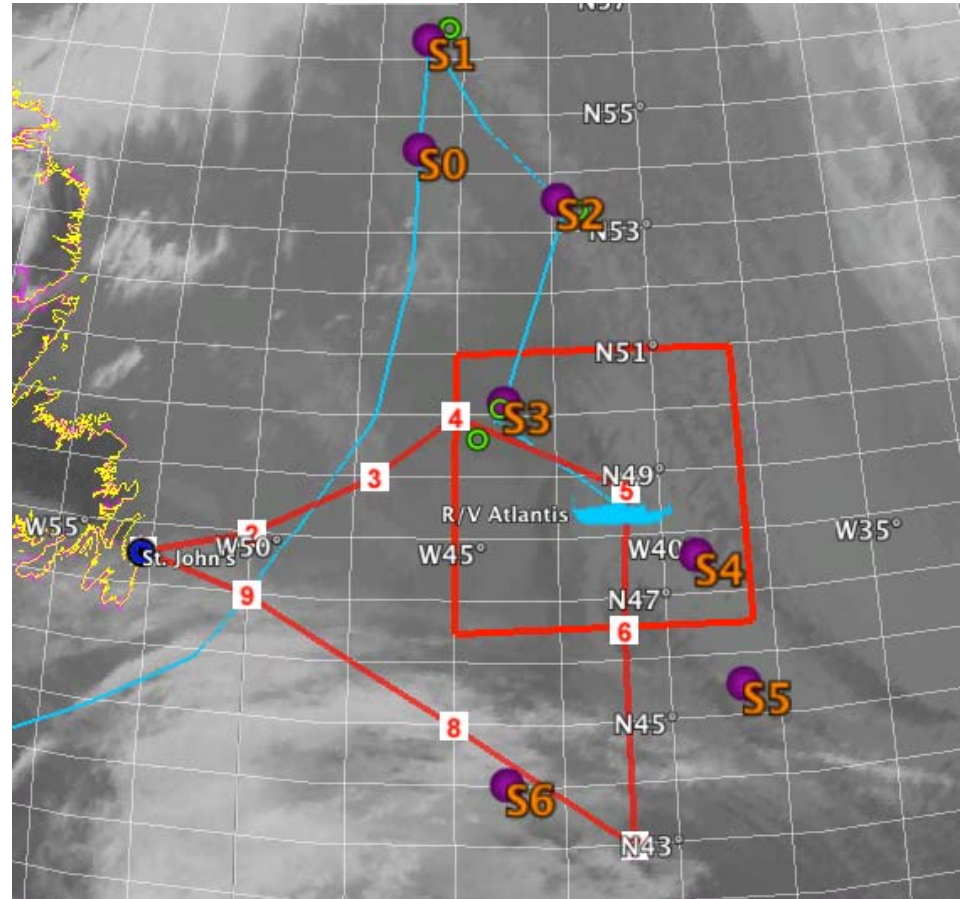
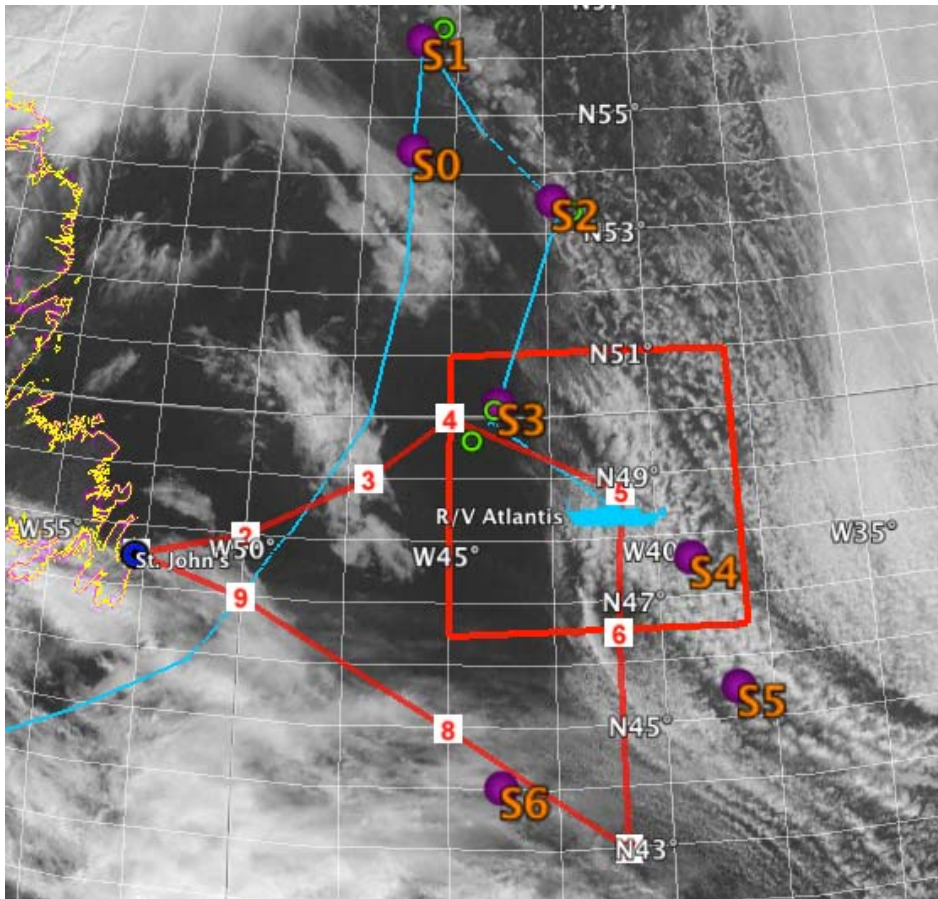
Surface Analysis and Synoptic Forecast



Satellite (5/23 14:45Z)

Visible

IR



Cloud Products (5/23 12:45Z)

Cloud Top Height

Cloud Base Height

