

NAAMES
Afternoon WX Discussion

Tuesday, May 31, 2016

Forecast Summary

Day 1 (Wednesday) – June 1 – Ship in transit to WHOI

Recommendation: Fly

St. John's: Partly cloudy and rain showers, winds increasing in the afternoon. Winds NW 20-30 mph. Temps falling from 52F to 40F.

Day 2 (Thursday) – June 2 – Ship in transit to WHOI

Recommendation: Pack Day/Potential Transit to LaRC

St. John's: Partly cloudy with gusty winds. Winds NNW 20-30 mph. High 47F.

Day 3 (Friday) – June 3 - Ship in transit to WHOI – CALIPSO track

Recommendation: Pack Day/Potential Transit to LaRC

St. John's: Mostly sunny. Winds NNW 10-15 mph. High 52F.

Hampton: A chance of showers, with thunderstorms also possible after 2pm. Mostly cloudy, with a high near 80. Chance of precip 50%.

Day 4 (Saturday) – June 4 – Ship in transit to WHOI

Recommendation: Potential Transit to LaRC

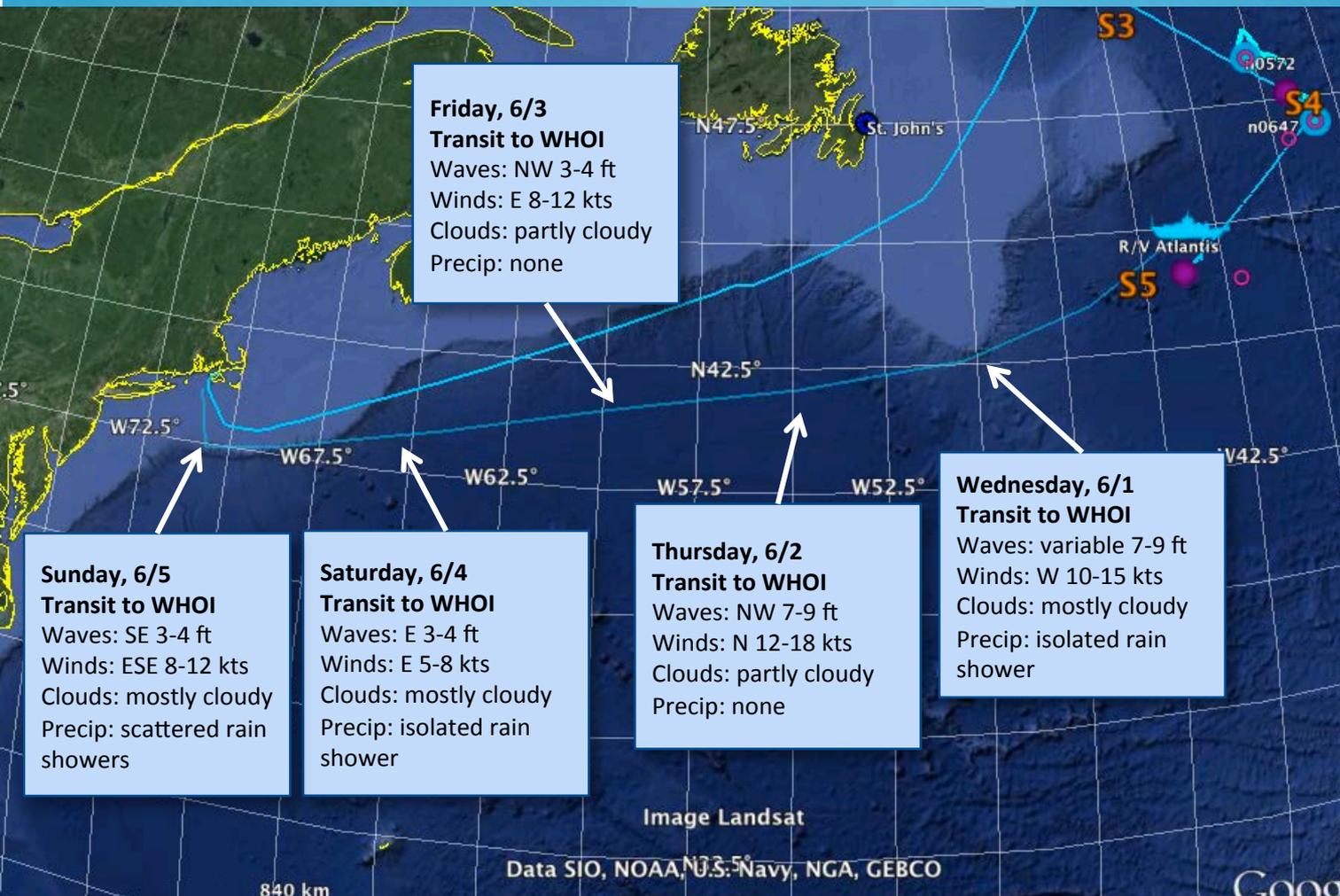
St. John's: Mostly cloudy with diminishing clouds and an isolated chance of a shower. Winds ENE 5-10 mph. High 51F.

Hampton: A chance of showers, with thunderstorms also possible after 2pm. Partly sunny, High 79F. Chance of precip 30%.

Day 5 (Sunday) – June 5 – Ship arrive at WHOI

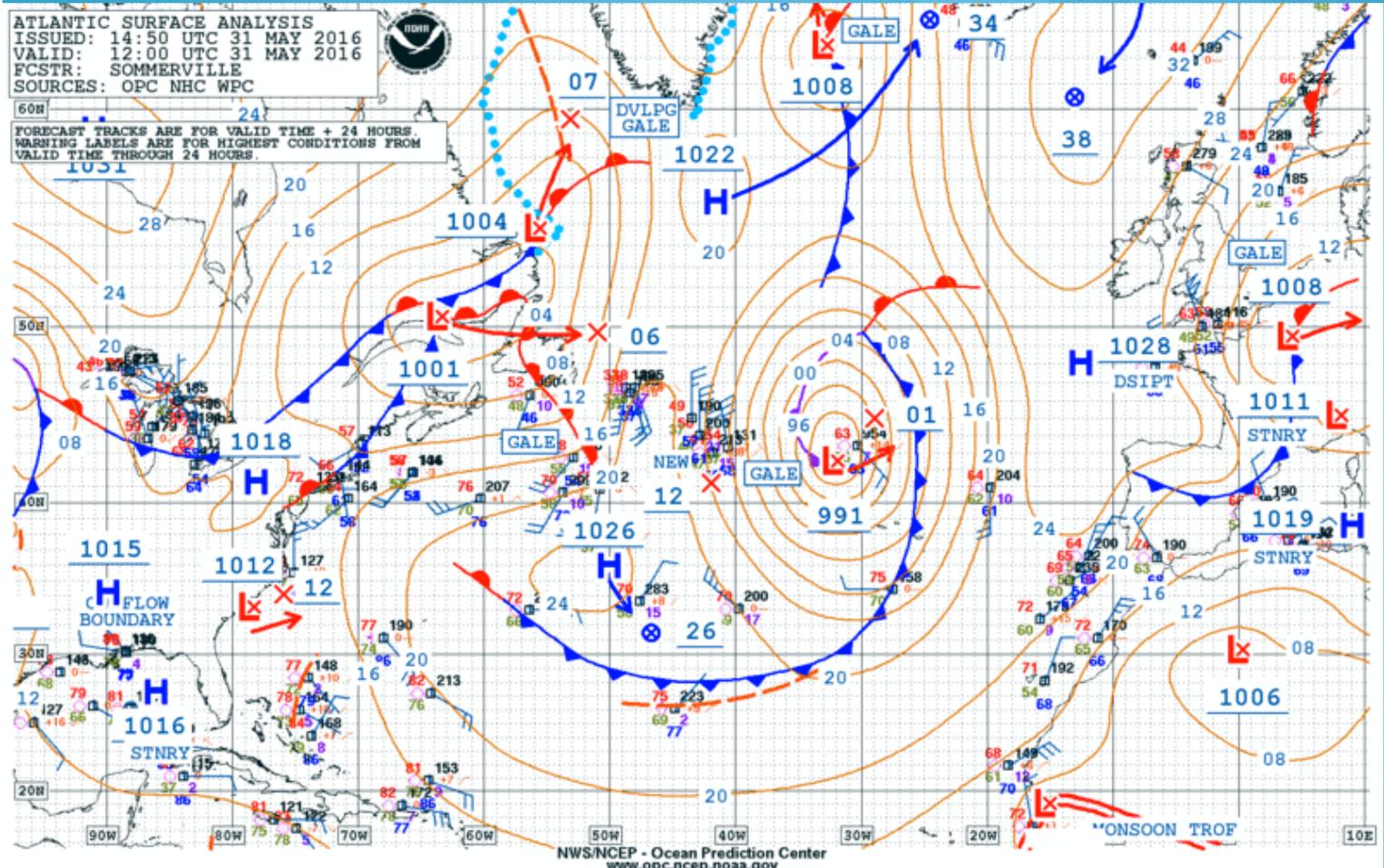
Hampton: A chance of showers and thunderstorms. Partly sunny, High 79F. Chance of precip is 40%.

Planned Ship Route & Forecast



Monday @ WHOI: Partly cloudy with a chance of an isolated rain shower, light and variable winds. High 69°F.

Surface Analysis and Synoptic Forecast

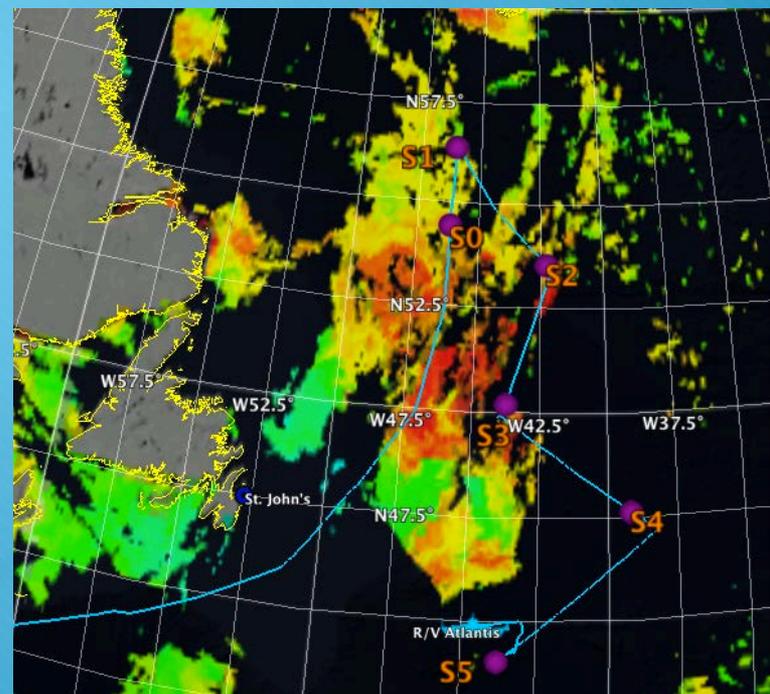


MODIS Aqua Chlorophyll

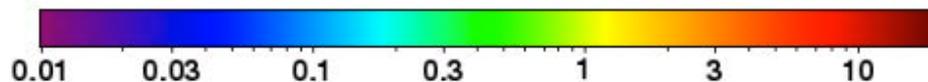
May 30, 2016



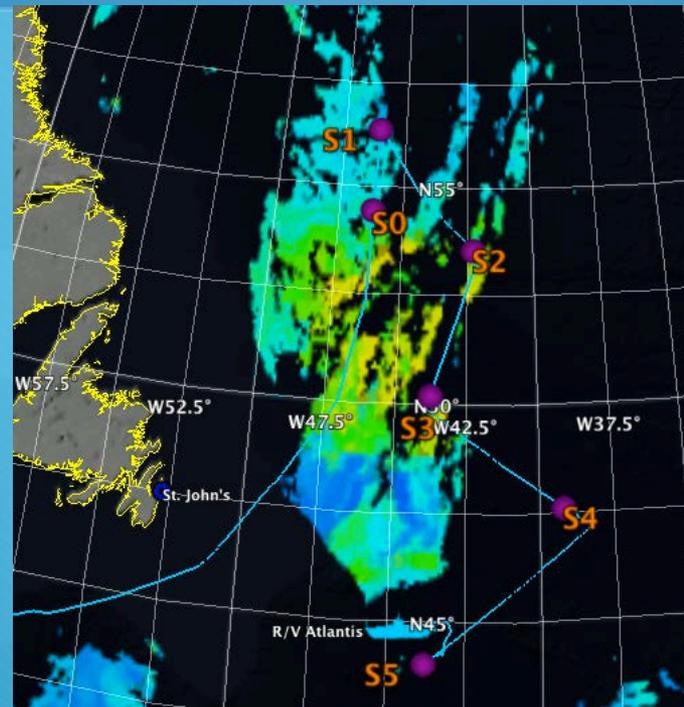
May 28-30, 2016



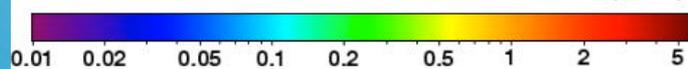
Chlorophyll a concentration (mg / m³)



MODIS Aqua Kd – May 30, 2016

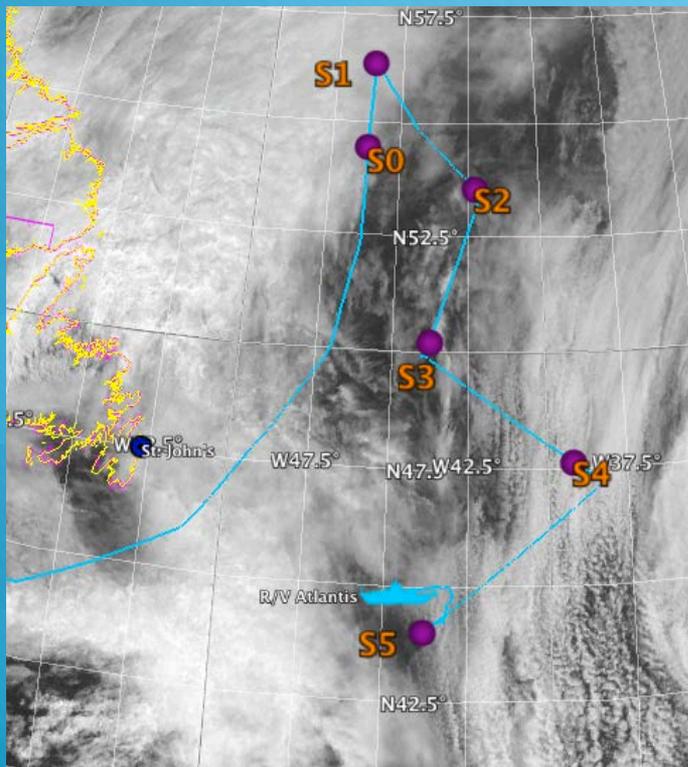


Diffuse attenuation coefficient at 490 nm (m^{-1})



Satellite (5/31 15:15Z)

Visible



IR

