

NAAMES Afternoon WX Discussion

Tuesday, May 17, 2016

Forecast Summary

Day 1 (Wednesday) – May 18

Recommendation: Fly, Ship at S1

St. John's: Partly cloudy with a chance of showers, winds W 15-25 mph. High 50°F

Day 2 (Thursday) – May 19

Recommendation: Ship in transit to S2, Potential Fly Day

St. John's: Mostly sunny, winds WNW, shifting to ESE at 10-15 mph. High 54°F

Day 3 (Friday) – May 20

Recommendation: Ship at S2, Potential Fly Day

St. John's: Mostly sunny, winds SW 10-15 mph. High 54°F

Day 4 (Saturday) – May 21

Recommendation: Ship in transit to S3, Potential Fly Day

St. John's: Mix of sun and clouds, winds W 10-20 mph. High 59°F

Day 5 (Sunday) – May 22

Recommendation: Ship at S3, Potential Fly Day

St. John's: Partly cloudy skies, winds NNW 10-20 mph. High 50°F

Day 6 (Monday) – May 23

Recommendation: Ship in transit to S4, Potential Fly Day

St. John's: Sunny, then increasing clouds and chance of afternoon showers, winds SE 10-15 mph. High 53°F

Planned Ship Route & Forecast

Wednesday, 5/18 S1 Ops

Waves: SSE 5-7 ft
Winds: ENE 3-5 kts
Clouds: broken low,
scattered mid/high
Precip: drizzle

Thursday, 5/19 transit to S2

Waves: SSW 5-7 ft
Winds: NW 15-20 kts
Clouds: broken to scattered low/
mid, clear high
Precip: passing AM shower

Friday, 5/20 S2 Ops

Waves: NE 5-7 ft
Winds: WSW 12-18 kts
Clouds: scattered-overcast
low/high, broken mid
Precip: none

Saturday, 5/21 transit to S3

Waves: SW 5-7 ft
Winds: SW 5-10 kts
Clouds: broken low/high, clear
mid
Precip: none

Sunday, 5/22 S3 Ops

Waves: SW 5-7 ft
Winds: NW 15-20 kts
Clouds: overcast low, broken to
clear mid/high
Precip: none

Monday, 5/23 transit to S4

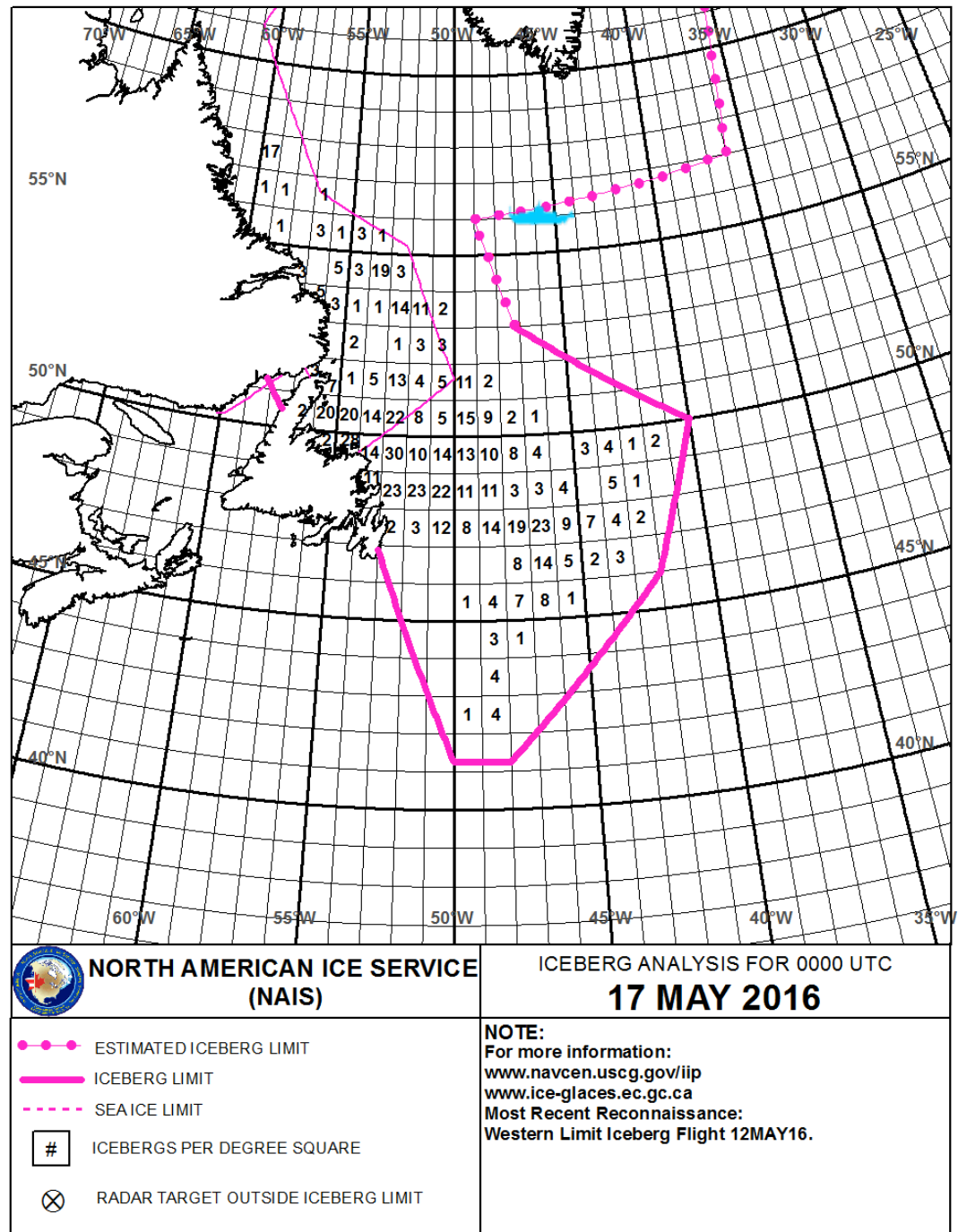
Waves: W 5-7 ft
Winds: NW 10-15 kts
Clouds: broken low, clear mid/
high
Precip: none

Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Image Landsat
Image IBCAO

Google

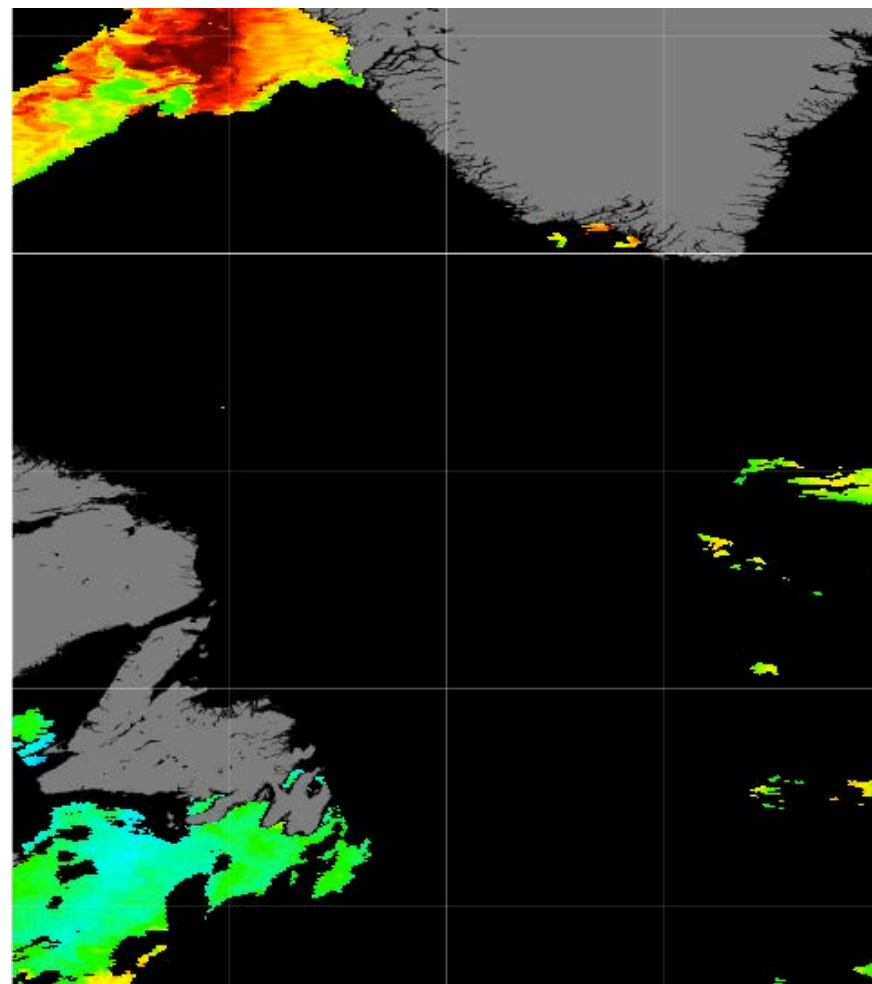
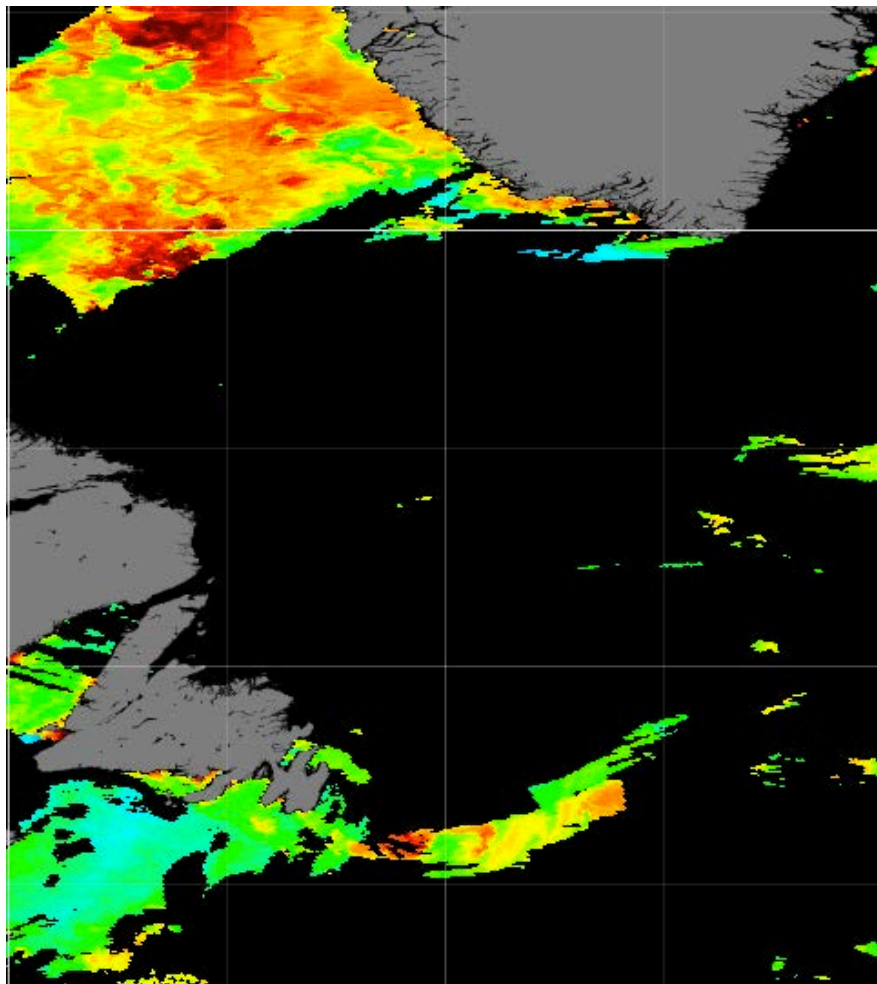
Iceberg Analysis



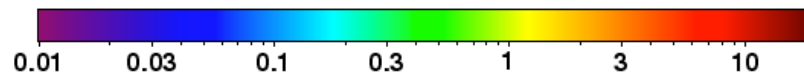
MODIS Aqua Chlorophyll

May 14-16, 2016

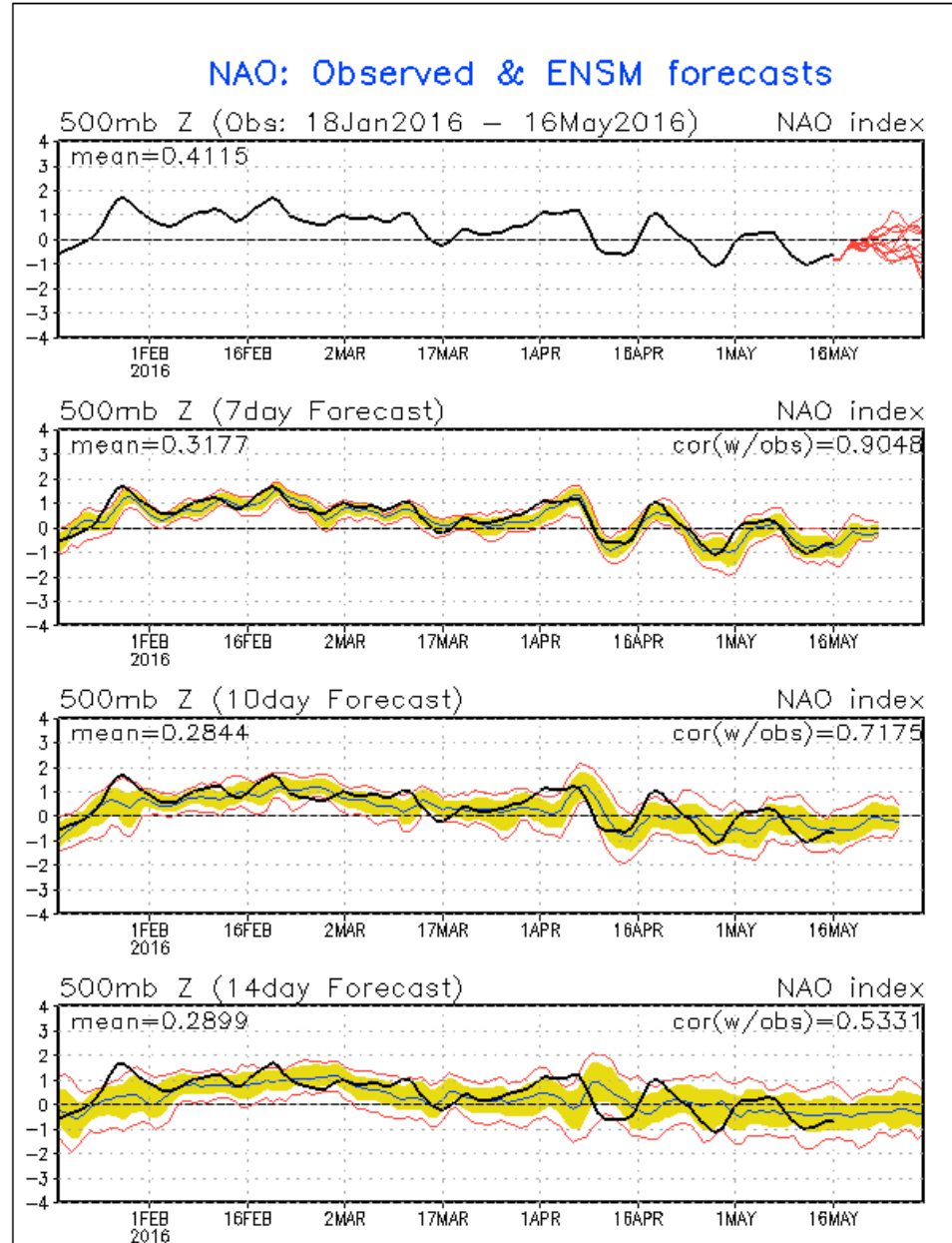
May 16, 2016



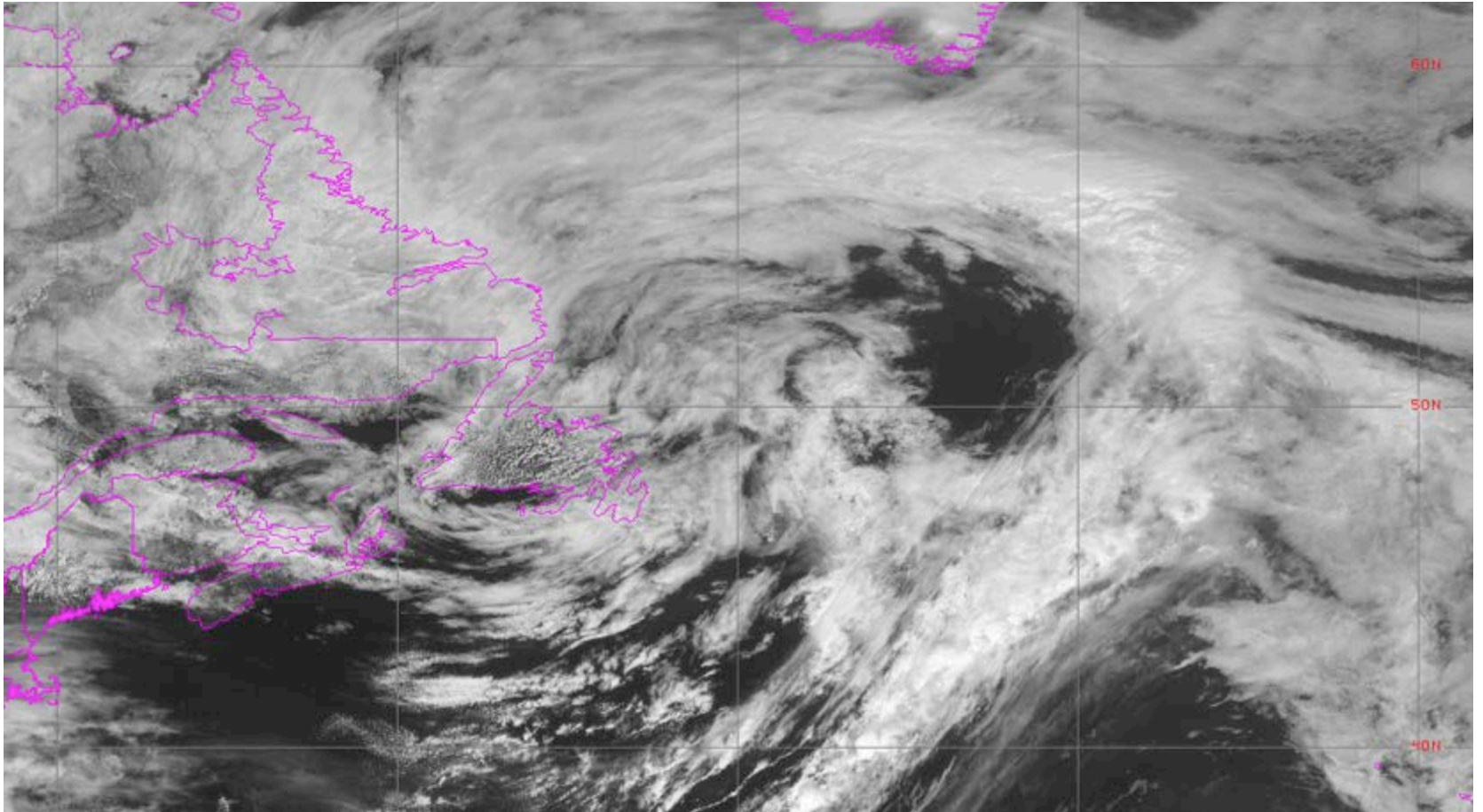
Chlorophyll a concentration (mg / m³)



North Atlantic Oscillation



Visible Satellite (5/17 14:45Z)



Surface Analysis

