

NAAMES Afternoon WX Discussion

Thursday, May 19, 2016

Forecast Summary

Day 1 (Friday) – May 20

Recommendation: Fly, Ship at S2

St. John's: Mainly sunny, with some passing afternoon clouds, Winds SW 10-15 mph. High 60F

Day 2 (Saturday) – May 21

Recommendation: Ship in transit to S3

St. John's: Mixed of sun and clouds, Winds W 5-10 mph. High 63F

Day 3 (Sunday) – May 22

Recommendation: Ship at S3

St. John's: Partly cloudy, Winds NE 10-15 mph. High 52F

Day 4 (Monday) – May 23 – Victoria Day

Recommendation: Ship in transit to S4

St. John's: Sunny with a passing cloud, Winds SE 10-15 mph. High 52F

Day 5 (Tuesday) – May 24

Recommendation: Ship at S4

St. John's: Partly cloudy, Winds SSW 10-15 mph. High 61F

Day 6 (Wednesday) – May 25 – CALISPO track right through domain

Recommendation: Ship in transit to S5

St. John's: Overcast, Winds SSE 10-20 mph. High 58F

CALISPO tracks through domain on 20th, 21st, 23rd, 25th, 27th, and 30th.

Planned Ship Route & Forecast

Friday, 5/20 S2 Ops

Waves: NE 7-10 ft
Winds: WSW 12-17 kts
Clouds: overcast
Precip: none

Saturday, 5/21 transit to S3

Waves: W 4-7 ft
Winds: SW 8-12 kts
Clouds: Partly cloudy
Precip: none

Sunday, 5/22 S3 Ops

Waves: SE 4-7 ft
Winds: NNE 15-22 kts
Clouds: Partly to mostly cloudy
Precip: afternoon isolated shower

Tuesday, 5/24 S4 Ops

Waves: NE 8-12 ft
Winds: W 12-18 kts
Clouds: Increasing clouds throughout the day
Precip: none

Wednesday, 5/25 transit to S5

Waves: NNE 12-18 ft
Winds: NE 15-20 kts
Clouds: Partly to mostly cloudy
Precip: morning isolated shower

Monday, 5/23 transit to S4

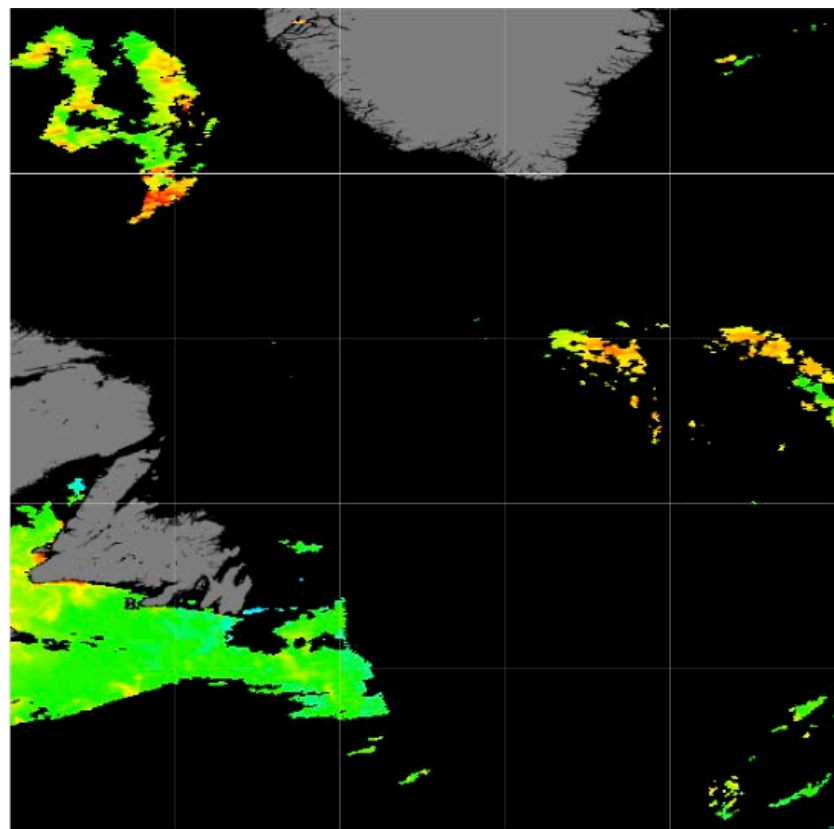
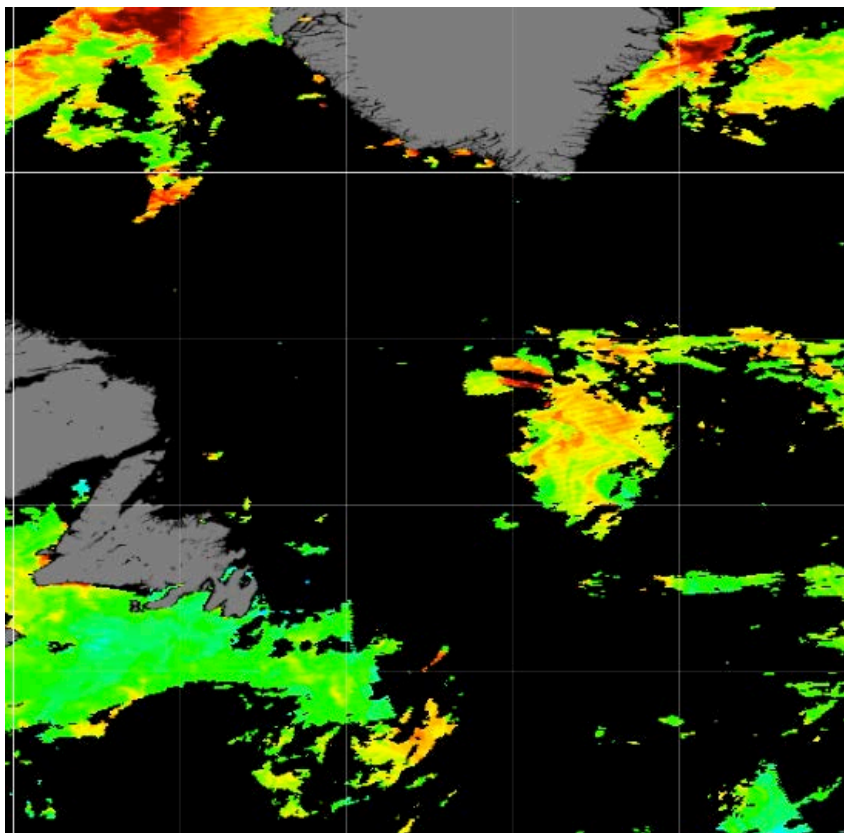
Waves: ESE 5-7 ft
Winds: NE 15-20 kts
Clouds: Partly to mostly cloudy
Precip: none



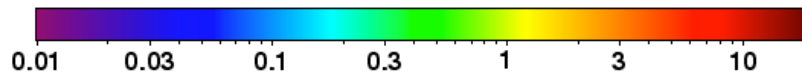
MODIS Aqua Chlorophyll

May 16-18, 2016

May 18, 2016

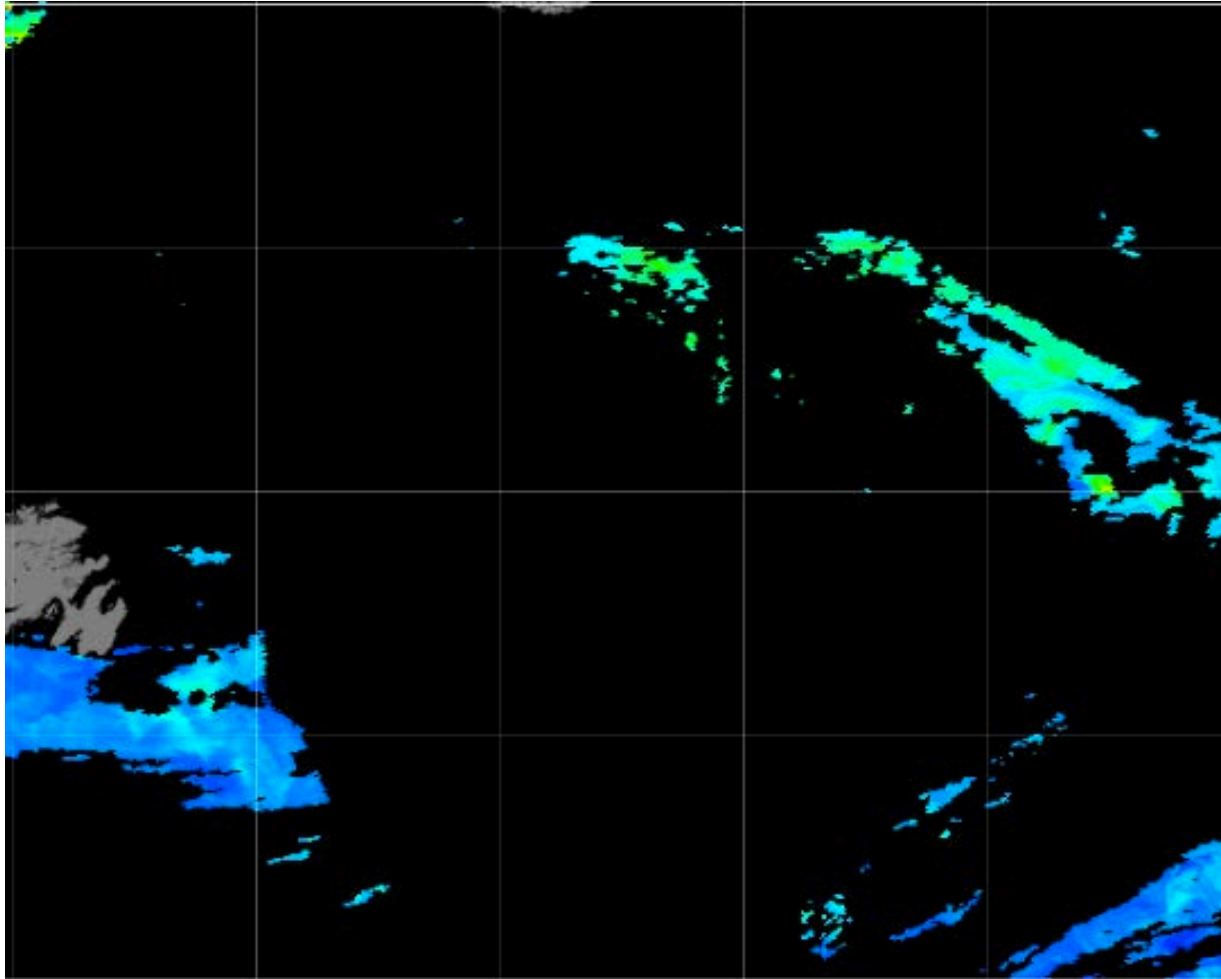


Chlorophyll a concentration (mg / m³)

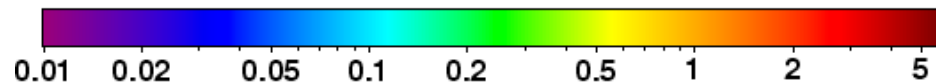


MODIS Aqua Kd

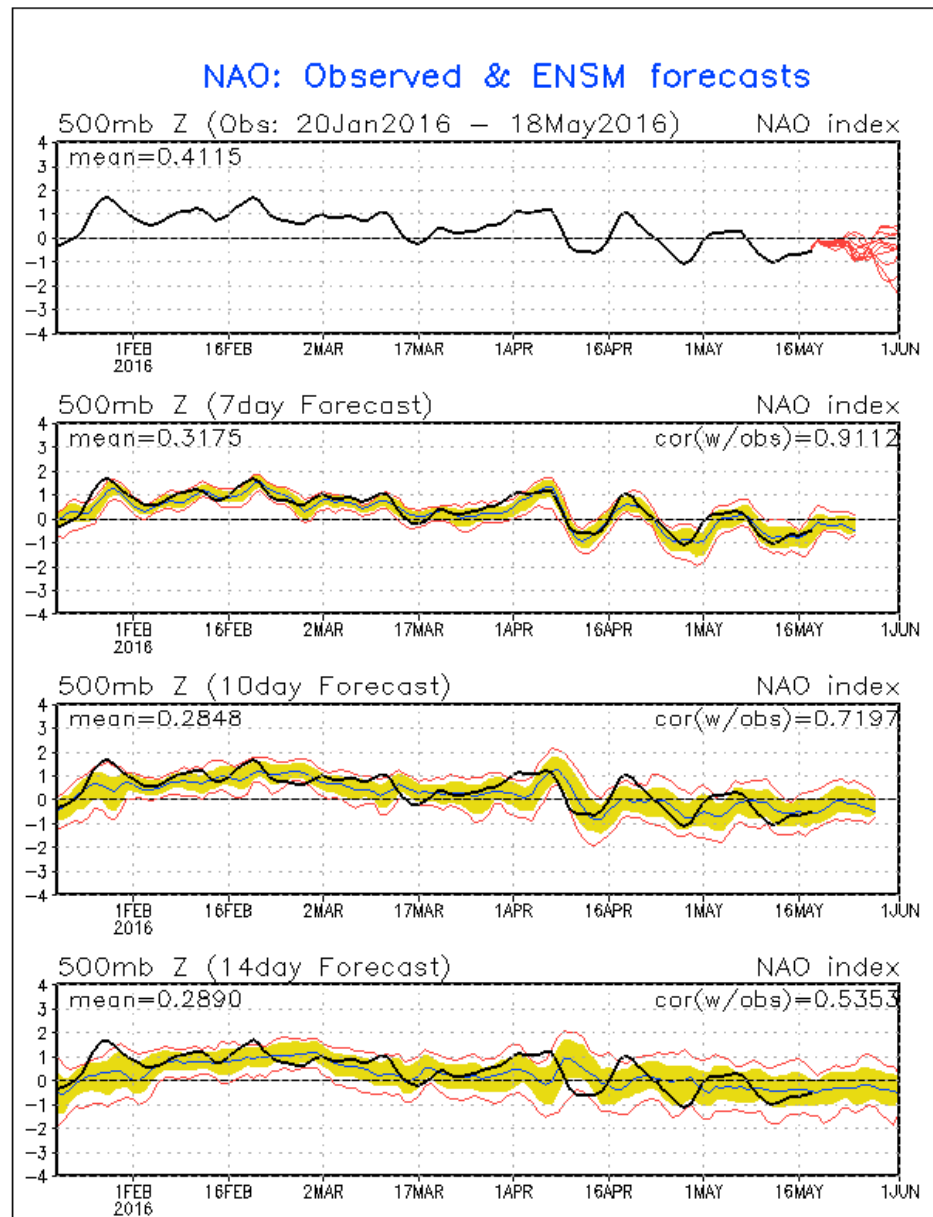
May 18, 2016



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

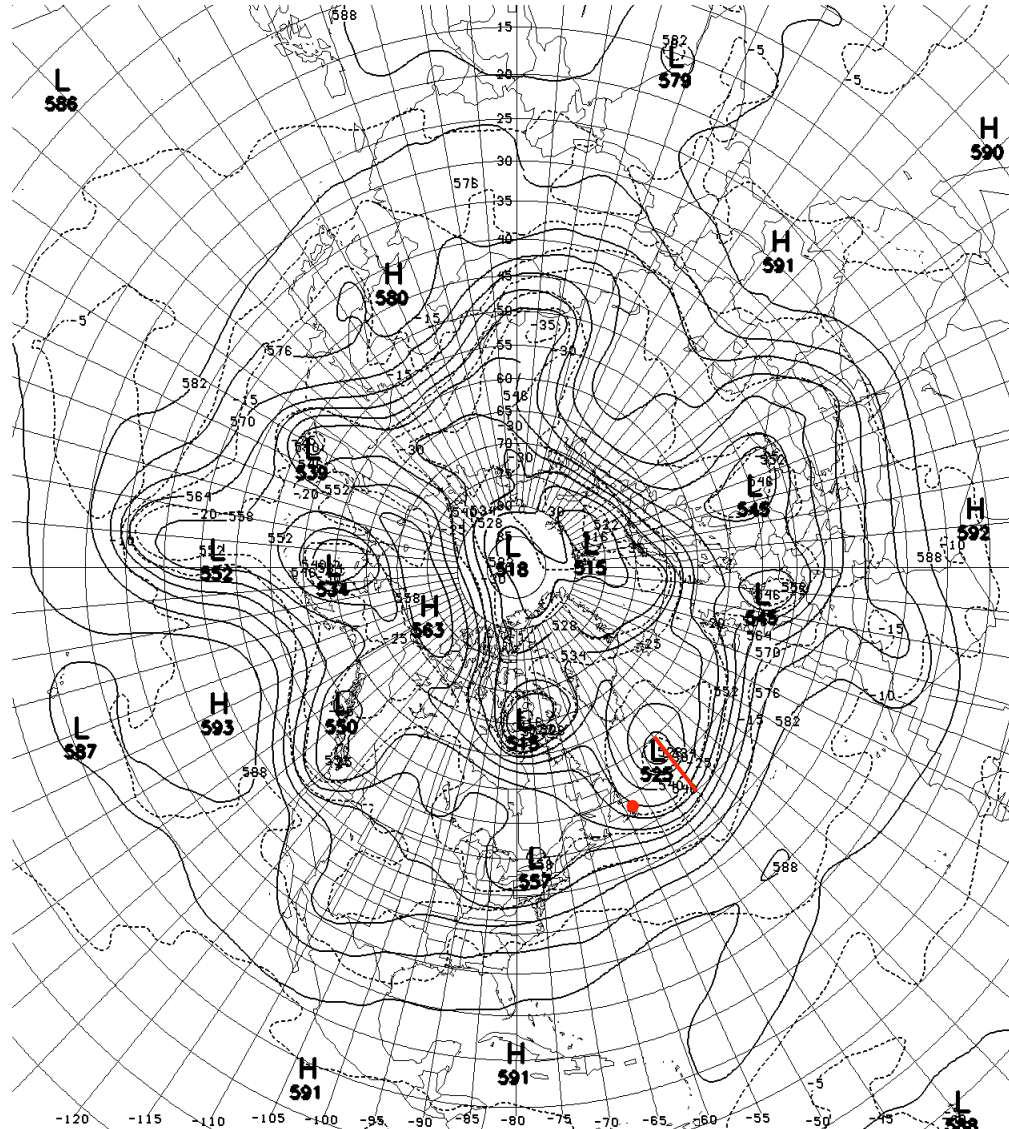


North Atlantic Oscillation



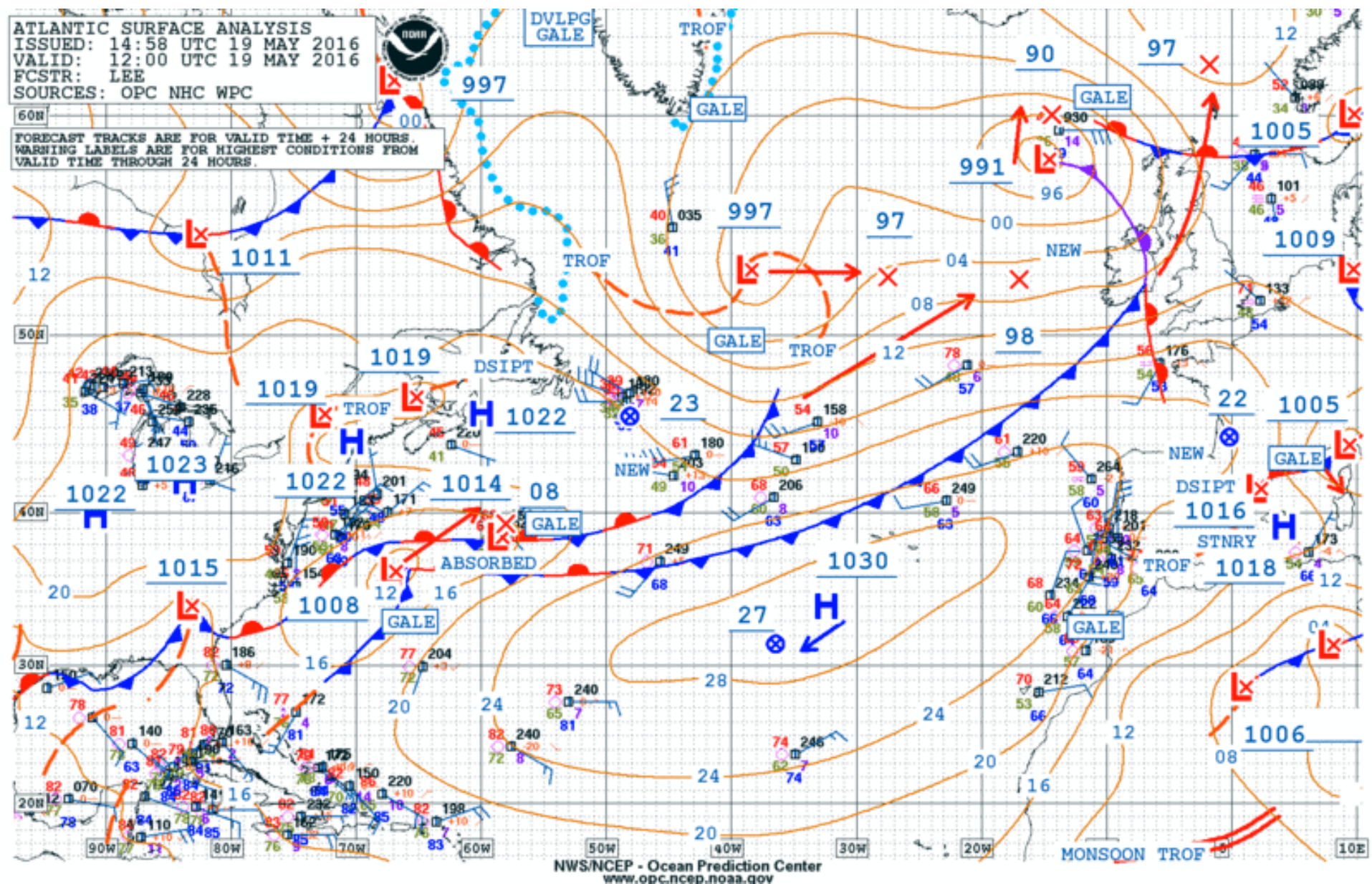
North Atlantic Oscillation

500MB ANALYSIS HEIGHTS/TEMPERATURE



05/19/2016 06UTC 000HR FCST VALID THU 05/19/2016 06UTC NCEP/NWS/NOAA

Surface Analysis



Satellite (5/19 14:45Z)

Visible

