

NAAMES

WX Briefing

Sunday, April 01, 2018

Michael Shook

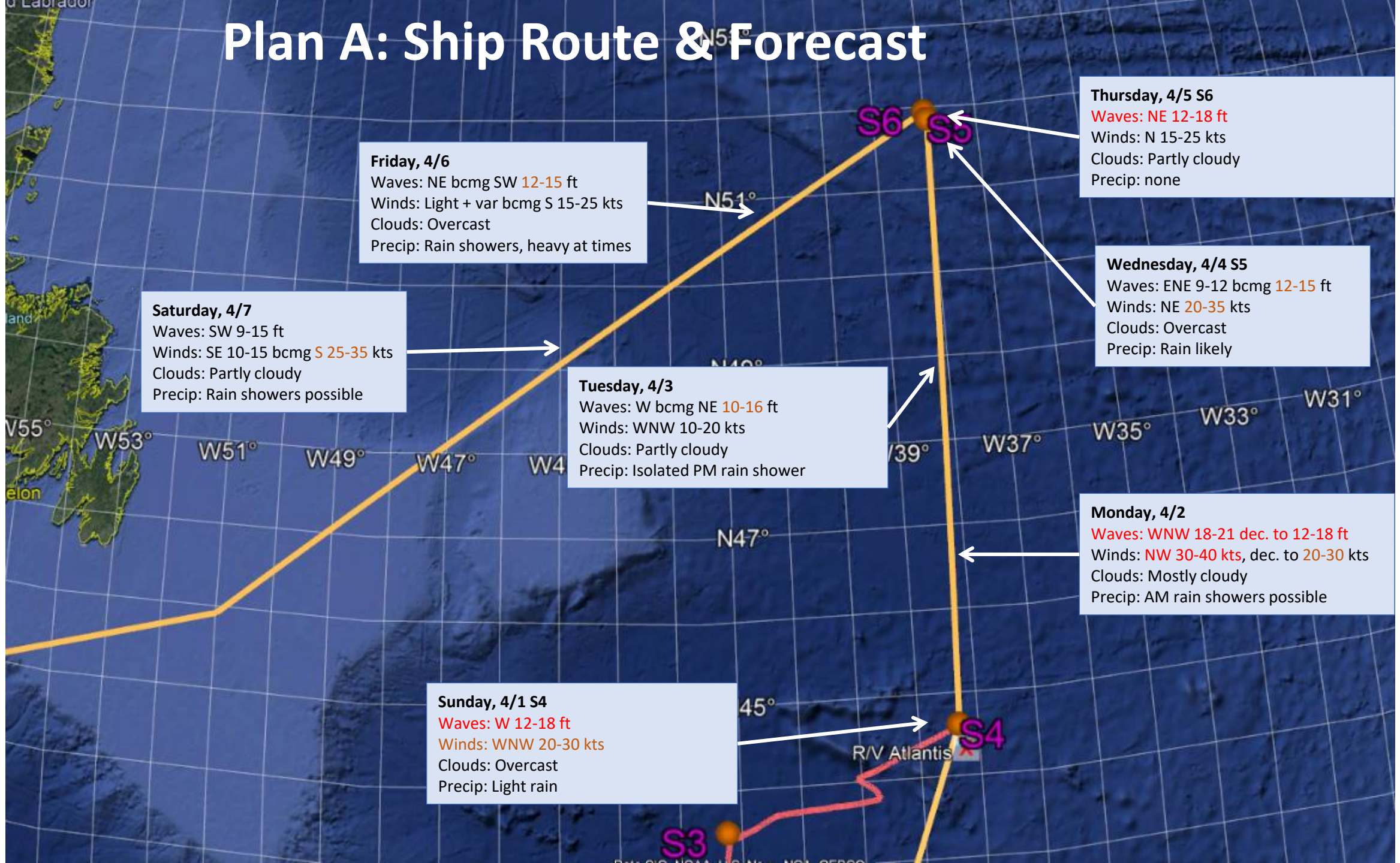
Forecast Highlights

Current storm over the ship domain dissipates/moves off to the east while a high over the southern ship track sets up Monday into Tuesday. Mostly east-west flow aloft means things move through quickly until late in the week.

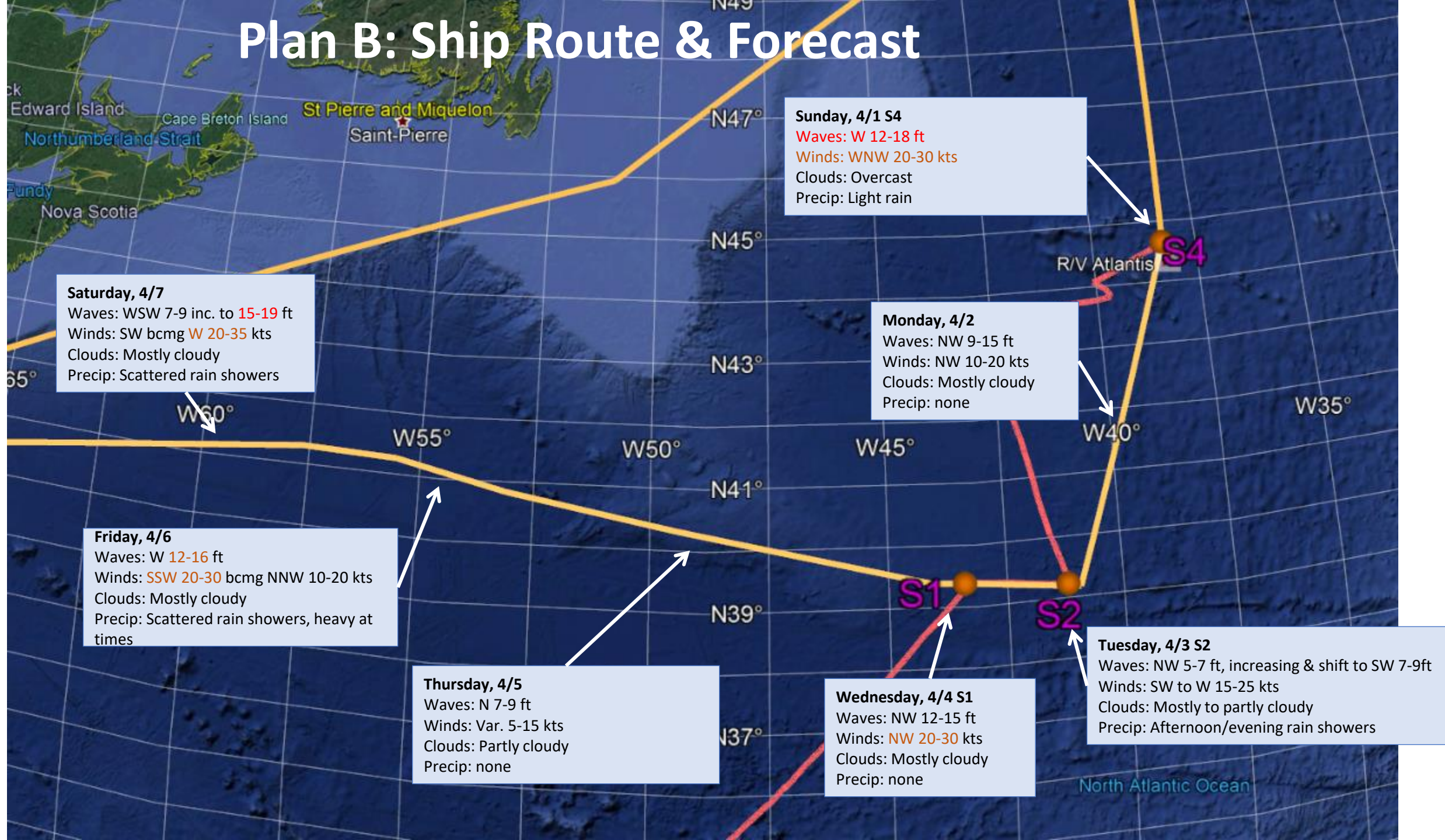
- **Model agreement:** Model agreement has improved significantly, especially for Tuesday-Wednesday; features and strength are fairly consistent through Friday, although timing becomes more uncertain Thurs-Fri
- **Next system:** A fast-moving system from the Mid-Atlantic Coast moves east and rapidly develops over the ship domain Tuesday and Wednesday
- **Ship:** Forecast doesn't look as bad in the last few days for either plan
- **St. John's:** Clear and windy for the next few days before a storm with the potential for snow accumulation arrives Wednesday night. Winds remain high for the foreseeable future

Forecast Summary – Ship Options					
Day	St. John’s	Ship – Plan A	Ship Weather – Plan A	Ship – Plan B	Ship Weather – Plan B
Day 1 Monday 4/2	Partly cloudy & windy Morning low: 36; High: 42 Winds: WSW 15-25 mph	Transit to S5	Waves: WNW 18-21 dec. to 12-18 ft Winds: NW 30-40 kts, dec. to 20-30 kts Clouds: Mostly cloudy Precip: AM rain showers possible	Transit to S2	Waves: NW 9-15 ft Winds: NW 10-20 kts Clouds: Mostly cloudy Precip: none
Day 2 Tuesday 4/3	Partly cloudy Morning low: 27; High: 34 Winds: WNW 12-15 mph	Transit to S5	Waves: W bcmg NE 10-16 ft Winds: WNW 10-20 kts Clouds: Partly cloudy Precip: Isolated PM rain shower	At S2	Waves: NW 5-7 ft, increasing & shift to SW 7-9ft Winds: SW to W 15-25 kts Clouds: Mostly to partly cloudy Precip: Afternoon/evening rain showers
Day 3 Wednesday 4/4	Cloudy, evening snow Morning low: 25; High: 37 Winds: W 10-15 mph	At S5	Waves: ENE 9-12 bcmg 12-15 ft Winds: NE 20-35 kts Clouds: Overcast Precip: Rain likely	At S1	Waves: NW 12-15 ft Winds: NW 20-30 kts Clouds: Mostly cloudy Precip: none
Day 4 Thursday 4/5	Wintry mix becoming rain & windy Morning low: 31; High: 47 Winds: S 20-30 mph	At S6	Waves: NE 12-18 ft Winds: N 15-25 kts Clouds: Partly cloudy Precip: none	Transit to WHOI	Waves: N 7-9 ft Winds: Var. 5-15 kts Clouds: Partly cloudy Precip: none
Day 5 Friday 4/6	AM Wintry mix & windy Morning low: 34; High: 36 Winds: WSW 20-30 mph	Transit to WHOI	Waves: NE bcmg SW 12-15 ft Winds: Light + var bcmg S 15-25 kts Clouds: Overcast Precip: Rain showers, heavy at times	Transit to WHOI	Waves: W 12-16 ft Winds: SSW 20-30 bcmg NNW 10-20 kts Clouds: Mostly cloudy Precip: Scattered rain showers, heavy at times
Day 6 Saturday 4/7	Wintry mix becoming rain & windy Morning low: 27; High: 40 Winds: SW 20-30 mph	Transit to WHOI	Waves: SW 9-15 ft Winds: SE 10-15 bcmg S 25-35 kts Clouds: Partly cloudy Precip: Rain showers possible	Transit to WHOI	Waves: WSW 7-9 inc. to 15-19 ft Winds: SW bcmg W 20-35 kts Clouds: Mostly cloudy Precip: Scattered rain showers

Plan A: Ship Route & Forecast



Plan B: Ship Route & Forecast



Current Conditions at St. John's

ST. JOHN'S, CANADA ↻
as of 12:05 pm NDT

36°
FAIR/WIND
feels like 24°
H 38° / L 33°
UV Index 4 of 10



 2 Snowmakers Kick Off April: Timing, Totals Forecast 

RIGHT NOW

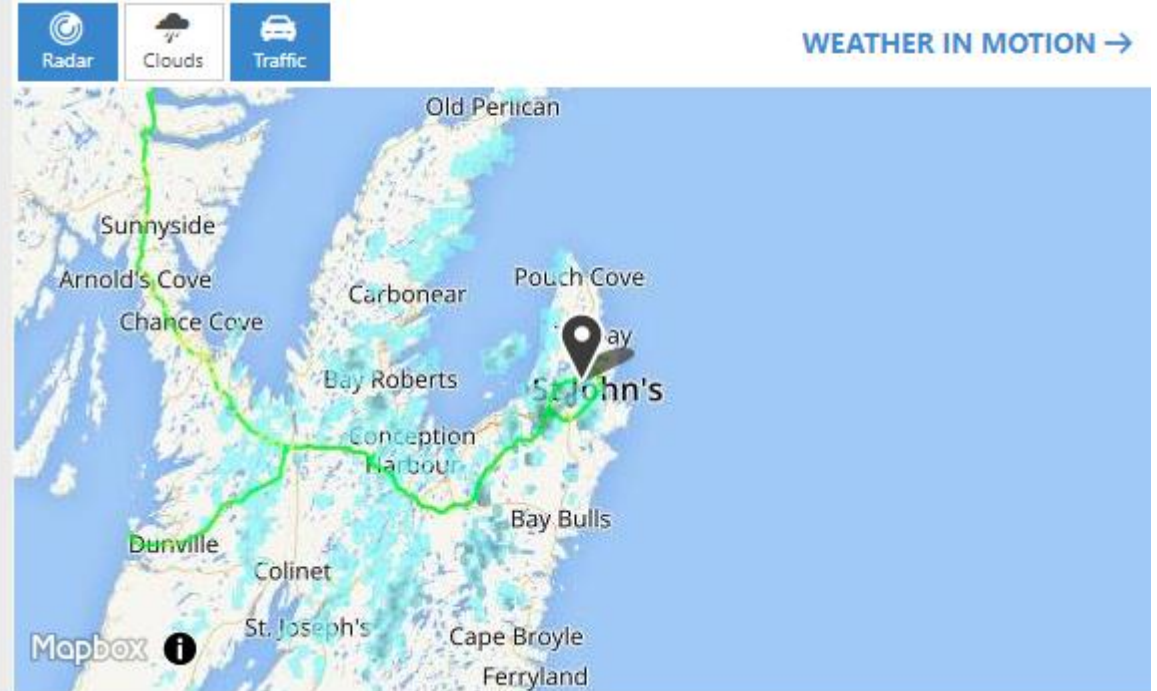
Wind
W 28 mph

Humidity
40%

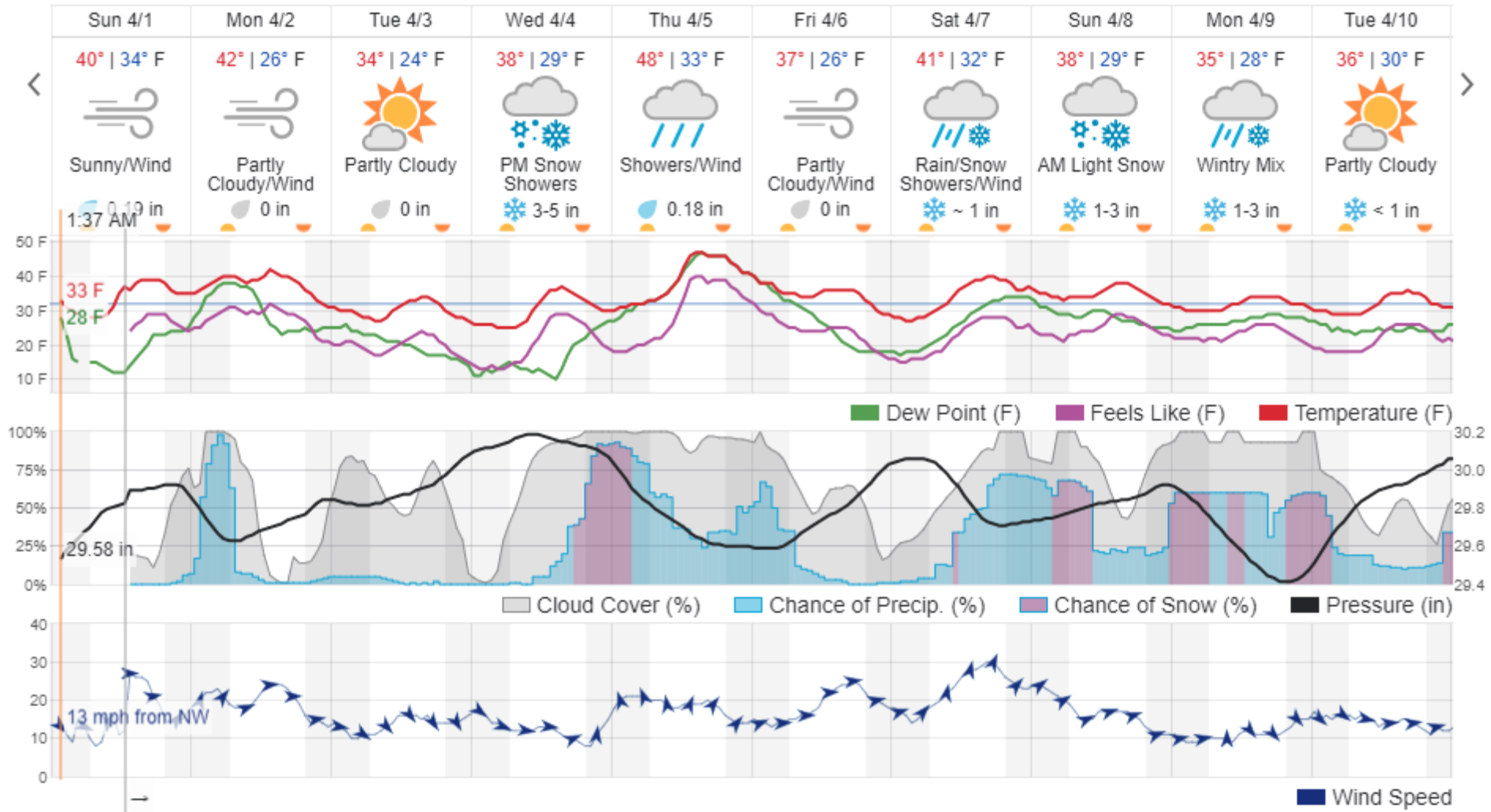
Dew Point
15°

Pressure
29.94 in ↑

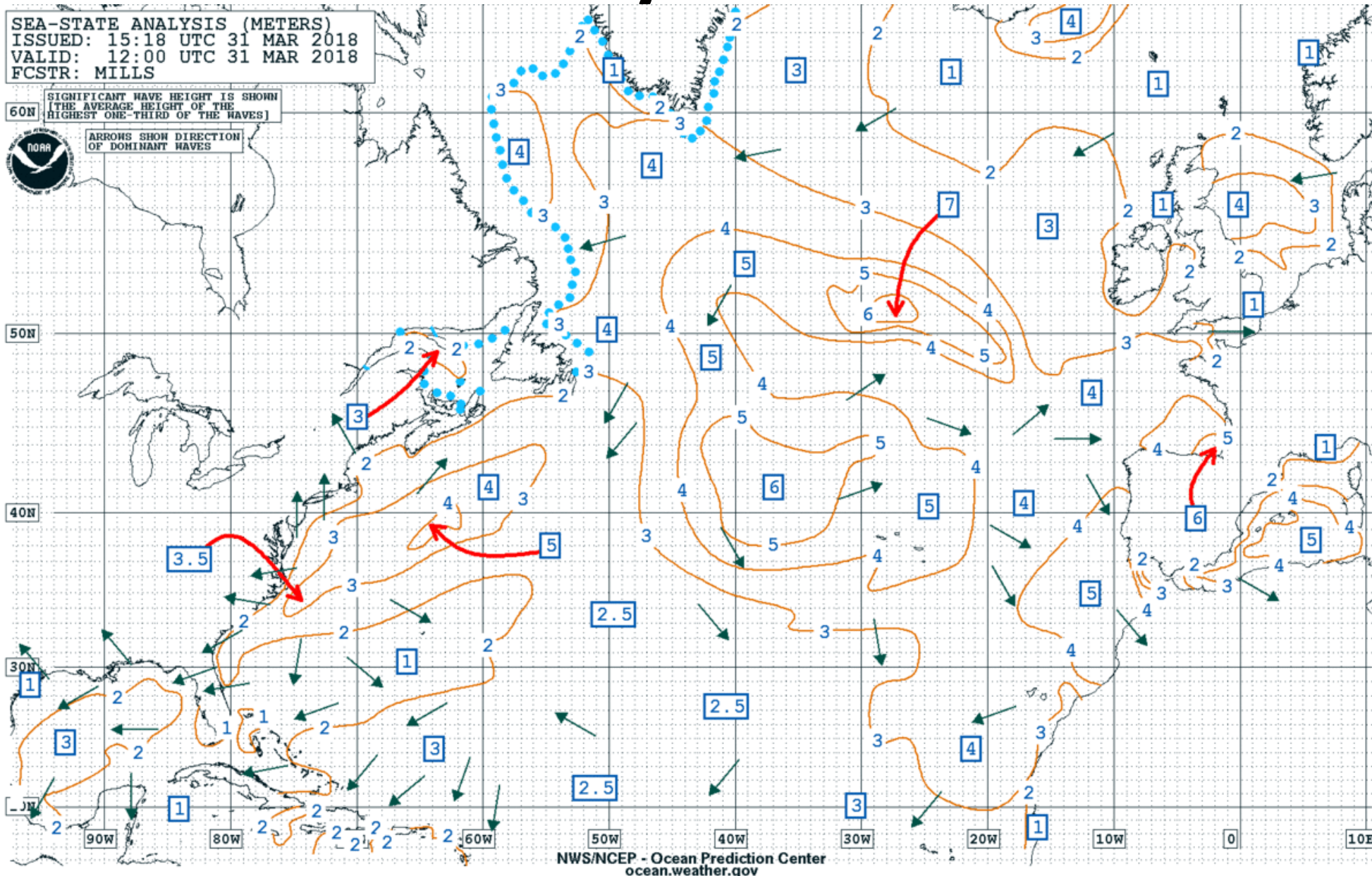
Visibility
10.0 mi



St. John's Forecast

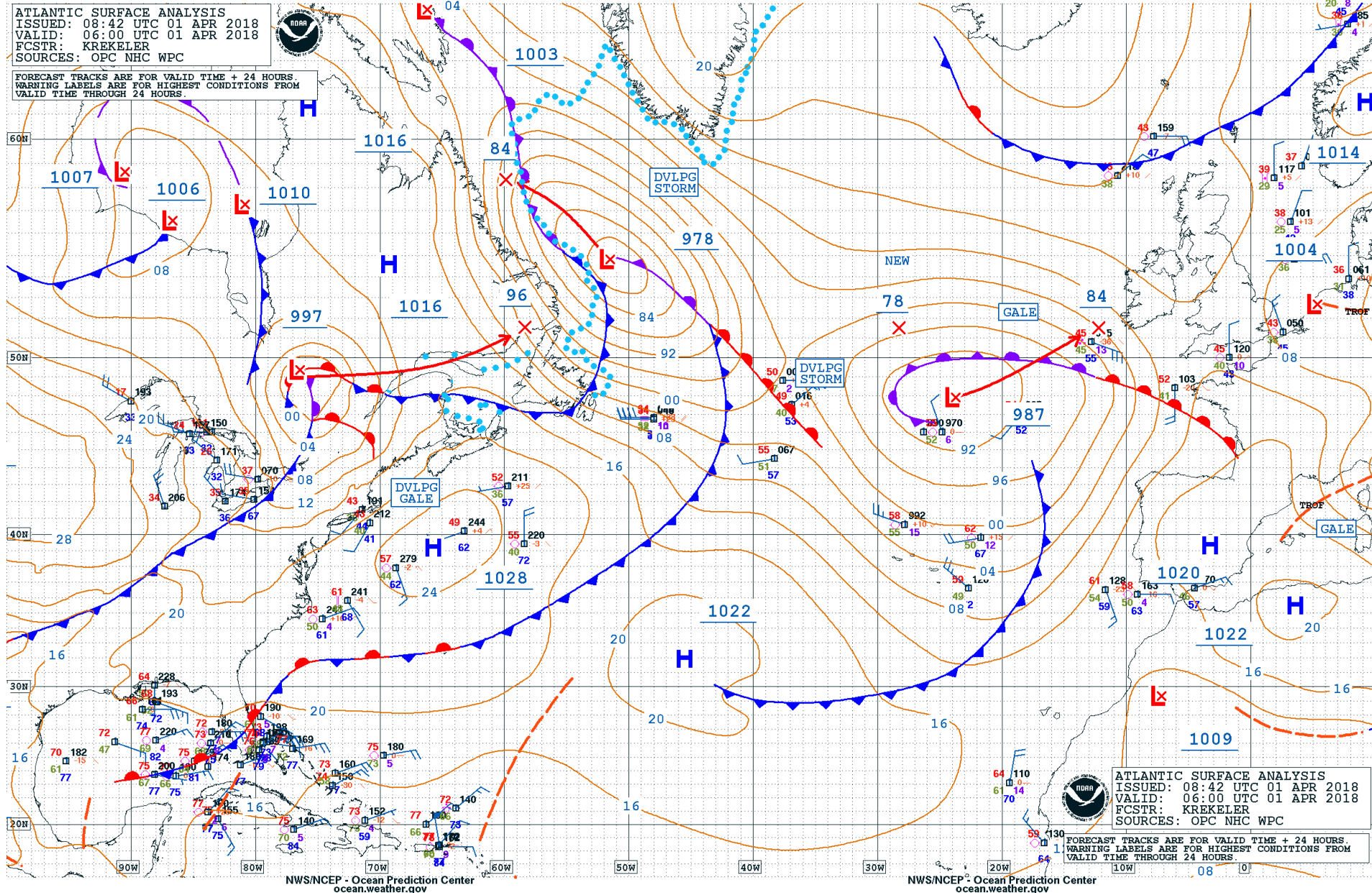


Sea State Analysis



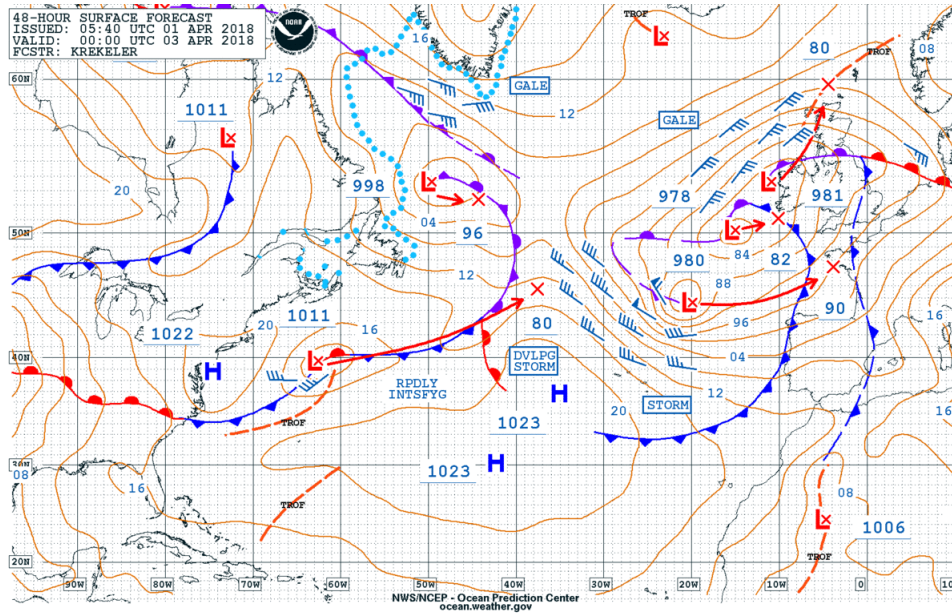
- Significant Wave Height is shown (in meters). This is the average height of the highest one-third of the waves
- Arrows show direction of dominant waves
- Product is a day behind

Surface Analysis

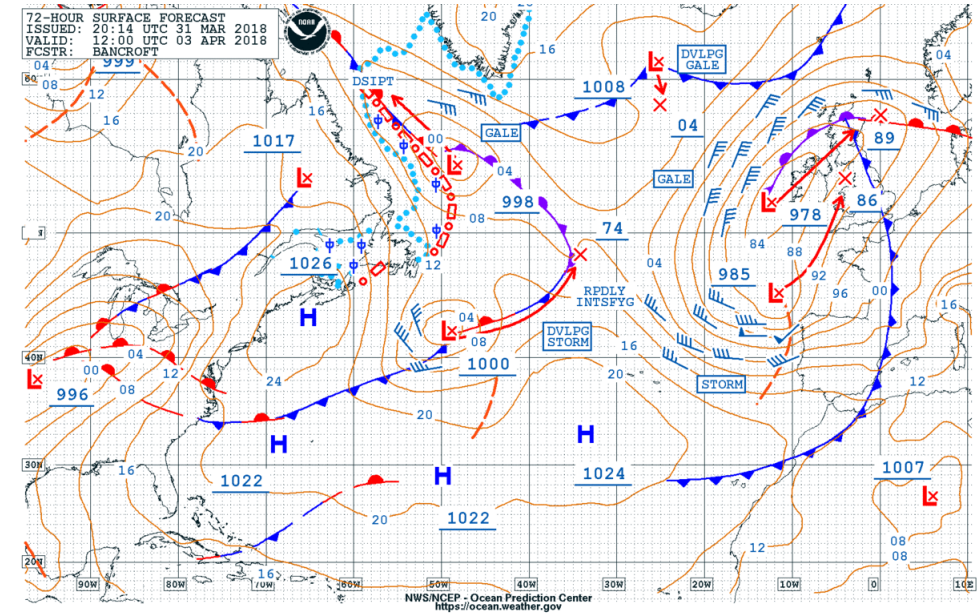


Synoptic Forecast

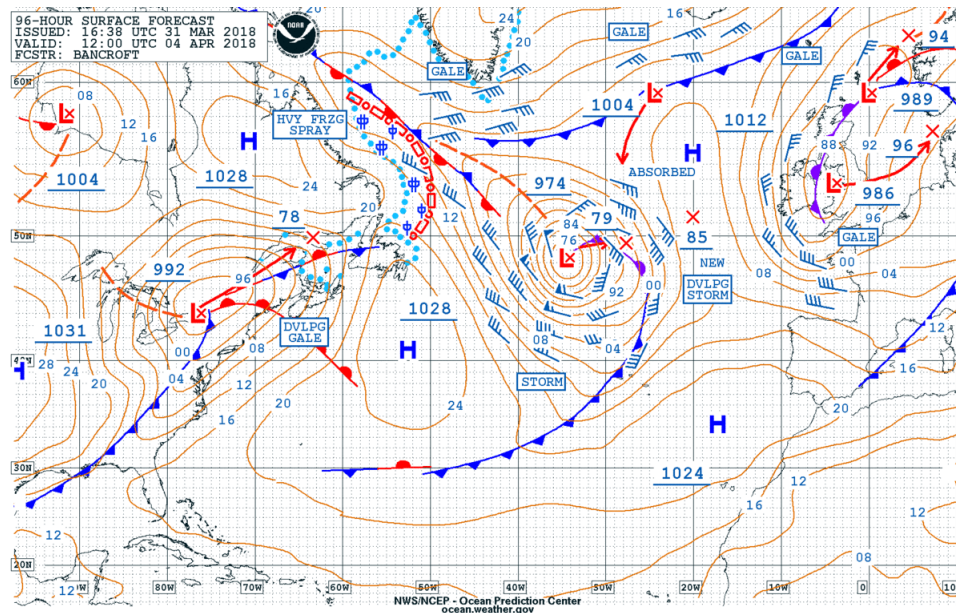
48 Hour Forecast - Monday 10pm Ship Time (UTC-2)



72 Hour Forecast - Tuesday 10am Ship Time (UTC-2)



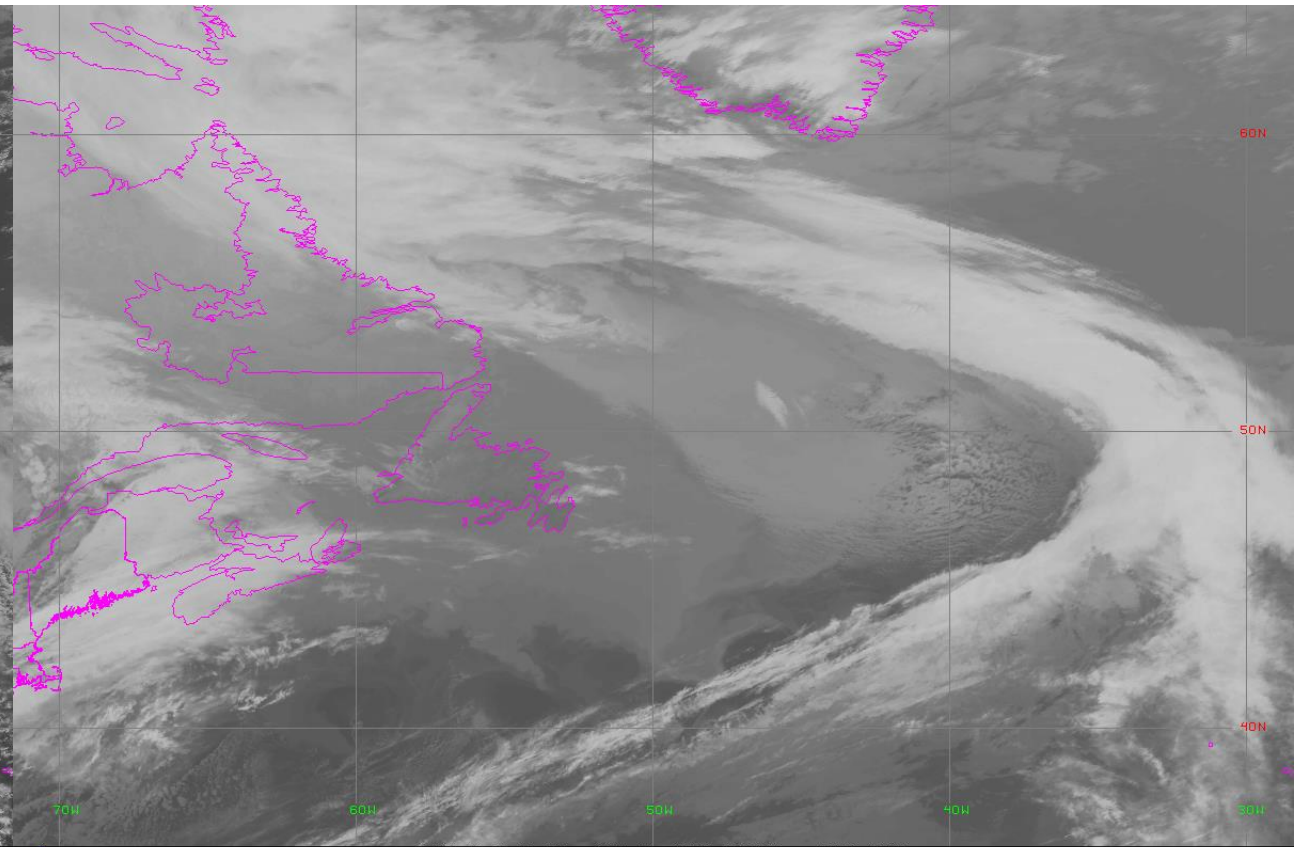
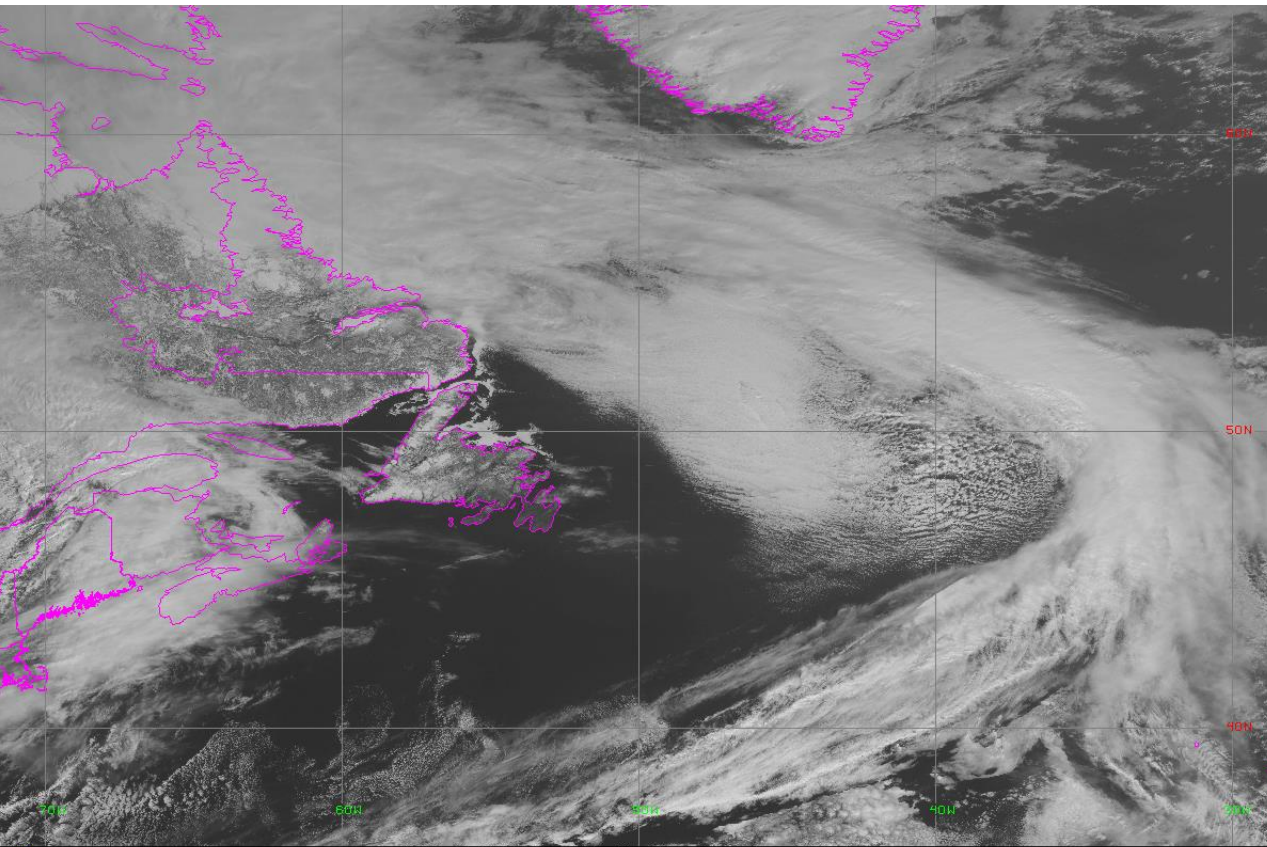
96 Hour Forecast - Monday 10am Ship Time (UTC-2)



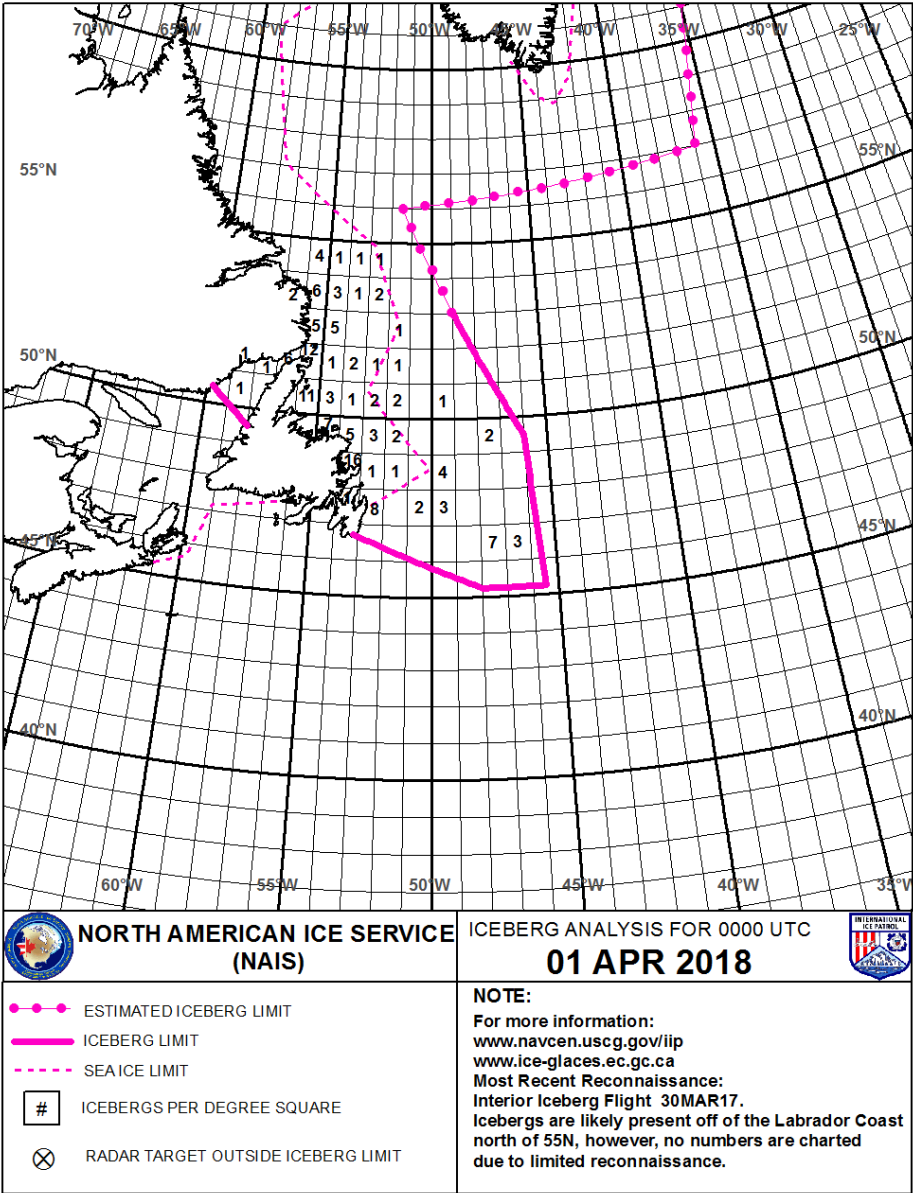
GOES-16 Imagery (4/1 14:15 UTC)

Visible

IR

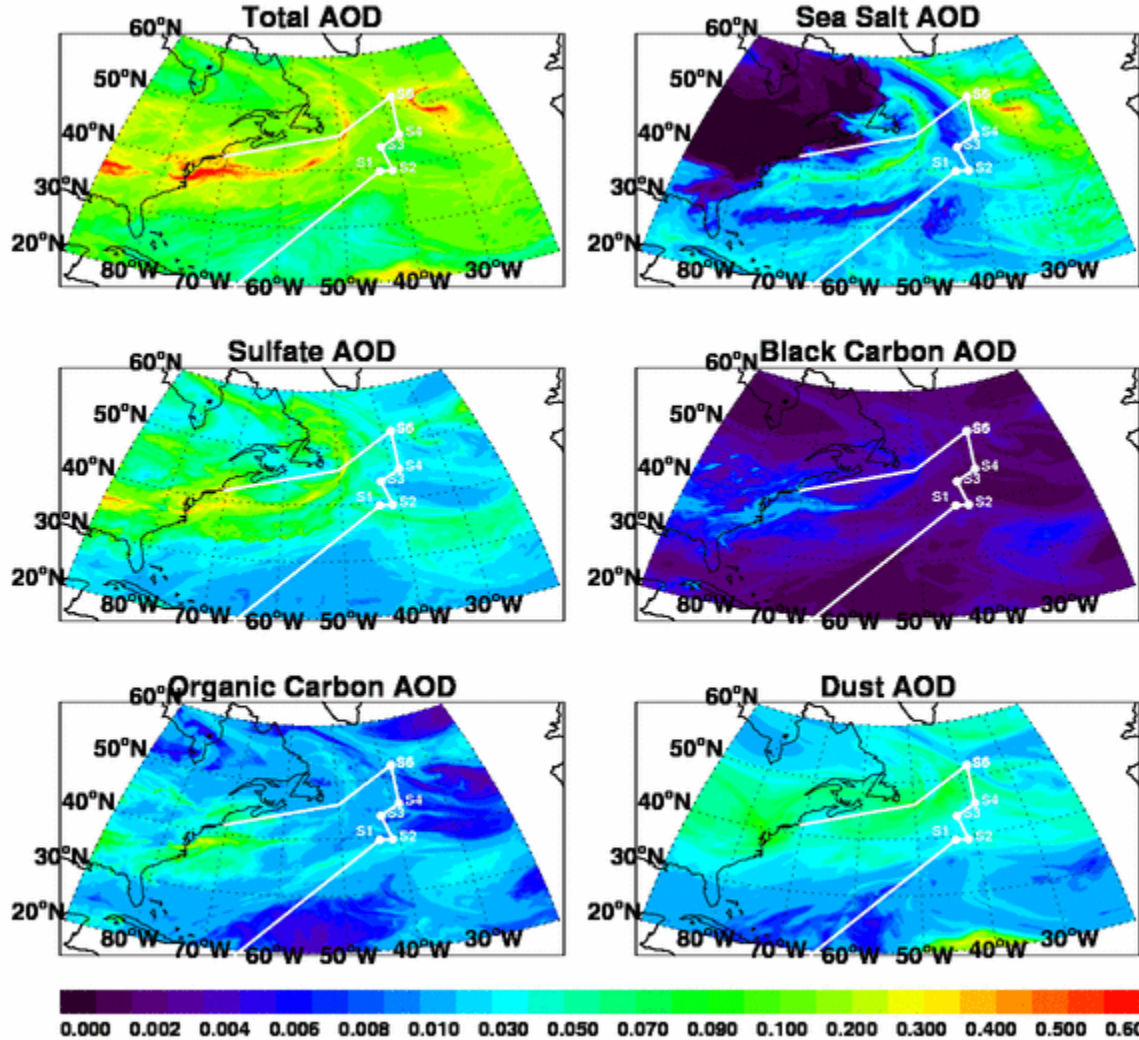


Sea Ice and Icebergs

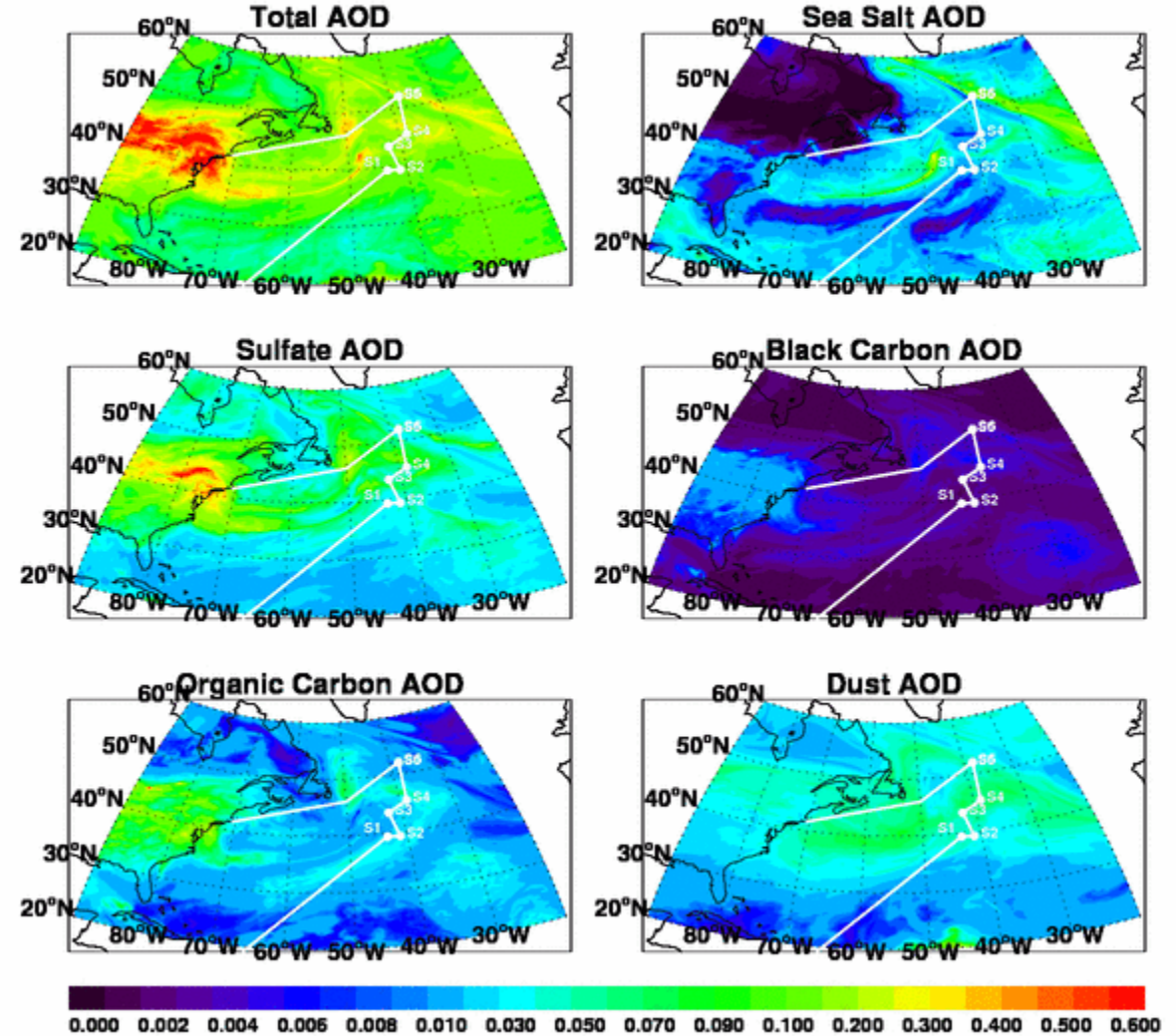


Aerosol Forecast

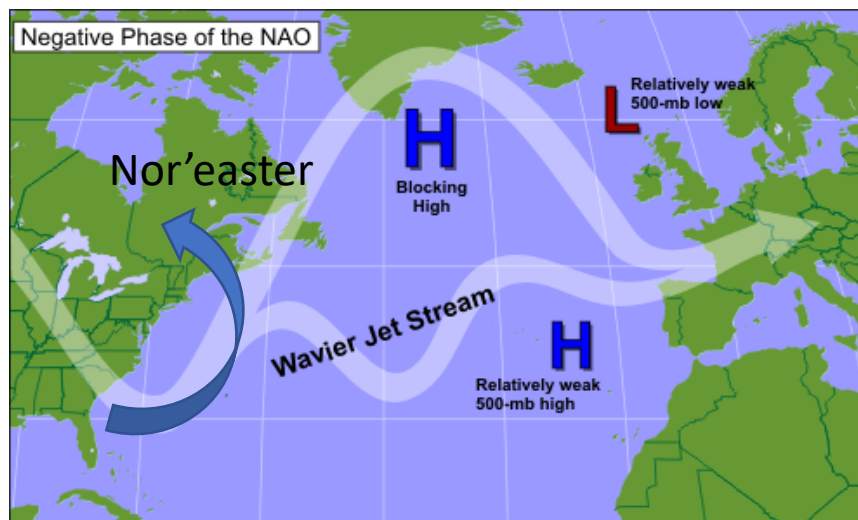
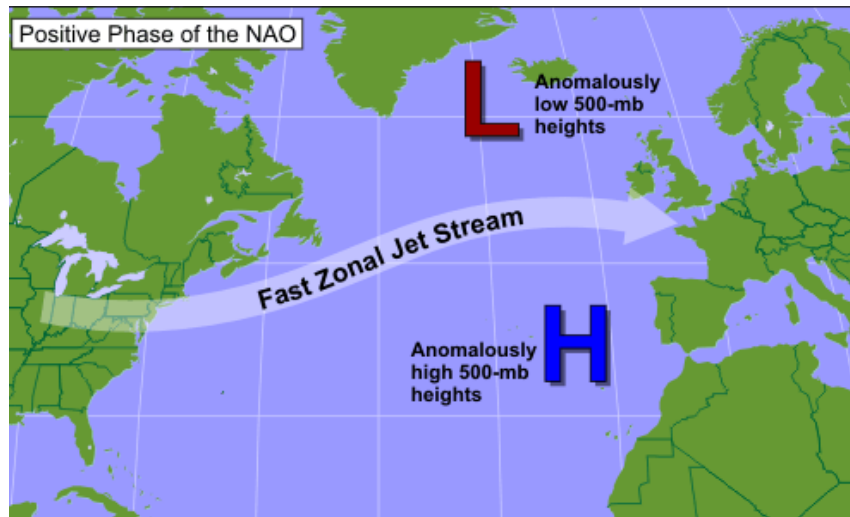
GEOS-FP Forecast 20180402_1500Z



GEOS-FP Forecast 20180403_1500Z



Current NAO



NAO: Observed & ENSM forecasts

