

# **NAAMES**

# **WX Briefing**

**Thursday, April 05, 2018**

Michael Shook

# Forecast Highlights

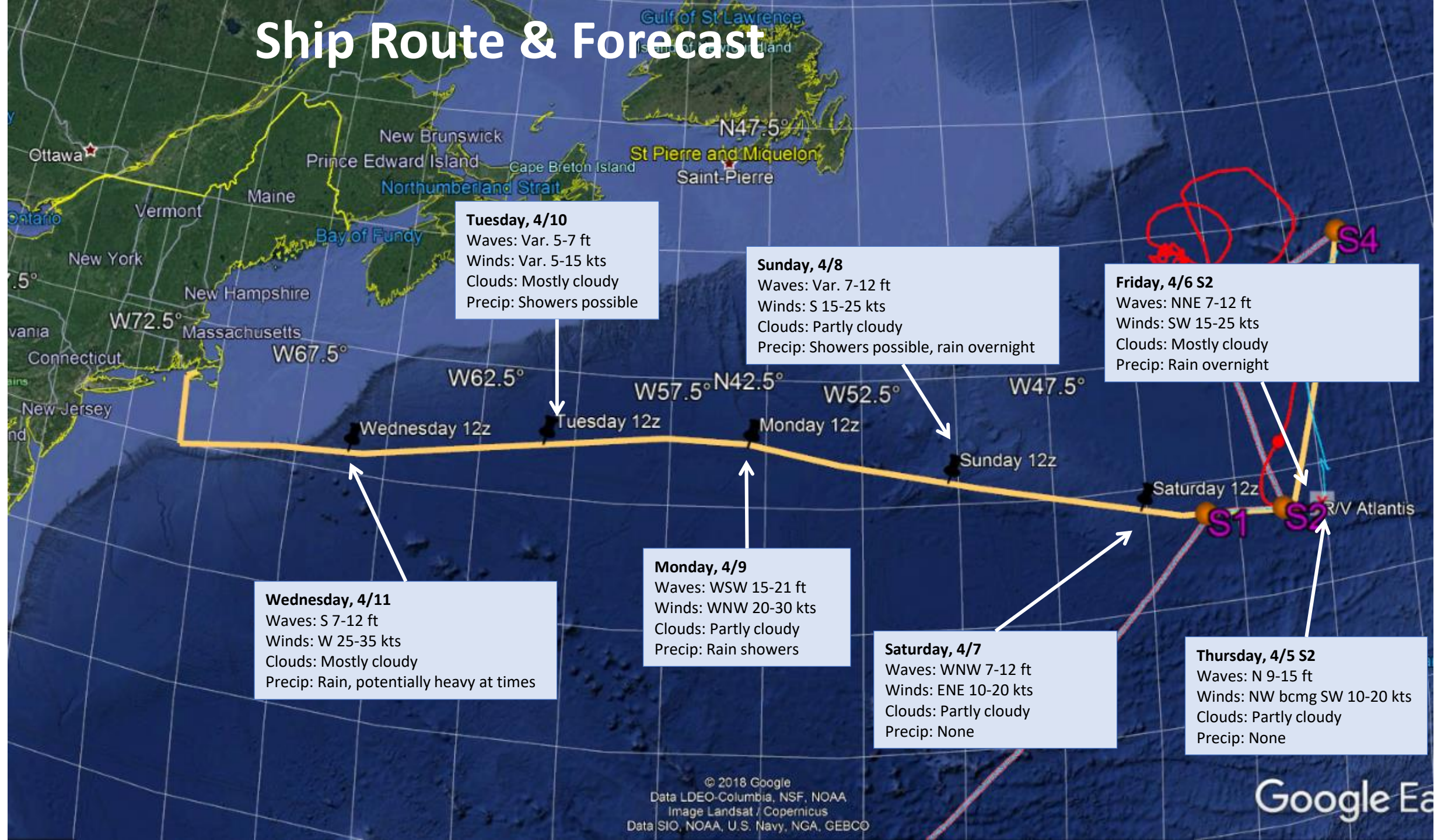
Storm cadence increases, with stormy weather potential Saturday morning, Monday morning (plus high waves), Wednesday. Worst stays north and east.

- **Model agreement:** Models continue to agree quite well through Monday, but disagree on the position of East Coast storm Tuesday-Wednesday.
- **Next system:** A cold front pushes over the ship Friday evening, then a new system develops south of NL Sunday night
- **Ship:** High pressure moves eastward over S1/S2 Wednesday-Friday morning, but waves may remain slightly elevated due to strong storms elsewhere in the basin
- **St. John's:** Temps briefly increase today before a cold front pushes through tonight, bringing cold, windy conditions. Storms move over NL Saturday and Sunday, dropping up to 12" of snow by Monday night along with periods of ice and rain.

# Forecast Summary

Day	St. John's	Ship Location	Ship Weather
Day 1 Friday 4/6	Cloudy and windy Morning low: 30; High: 32 Winds: SW 25-35 mph	S2f	Waves: NNE 7-12 ft Winds: SW 15-25 kts Clouds: Mostly cloudy Precip: Rain overnight
Day 2 Saturday 4/7	Snow becoming rain; windy Morning low: 27; High: 45 Winds: SSW 25-35 mph Morning accumulation 3-5"	Transit to WHOI	Waves: WNW 7-12 ft Winds: ENE 10-20 kts Clouds: Partly cloudy Precip: None
Day 3 Sunday 4/8	Snow becoming rain Morning low: 31; High: 34 Winds: ENE 10-20 mph Morning accumulation 2-4"	Transit to WHOI	Waves: Var. 7-12 ft Winds: S 15-25 kts Clouds: Partly cloudy Precip: Showers possible, rain overnight
Day 4 Monday 4/9	Rain becoming snow showers and windier; temps falling Morning low: 37; High: 37 Winds: W 20-30 mph Additional accumulation ~1"	Transit to WHOI	Waves: WSW 15-21 ft Winds: WNW 20-30 kts Clouds: Partly cloudy Precip: Rain showers
Day 5 Tuesday 4/10	Mostly sunny Morning low: 26; High: 37 Winds: WSW 15-25 mph	Transit to WHOI	Waves: Var. 5-7 ft Winds: Var. 5-15 kts Clouds: Mostly cloudy Precip: Showers possible
Day 6 Wednesday 4/11	Snow showers becoming rain showers Morning low: 28; High: 37 Winds: S 15-25 mph Morning accumulation 1-2"	Transit to WHOI	Waves: S 7-12 ft Winds: W 25-35 kts Clouds: Mostly cloudy Precip: Rain, potentially heavy at times

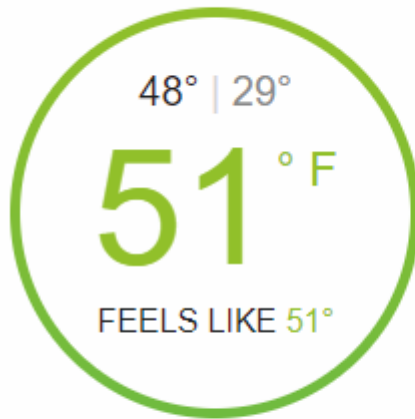
# Ship Route & Forecast



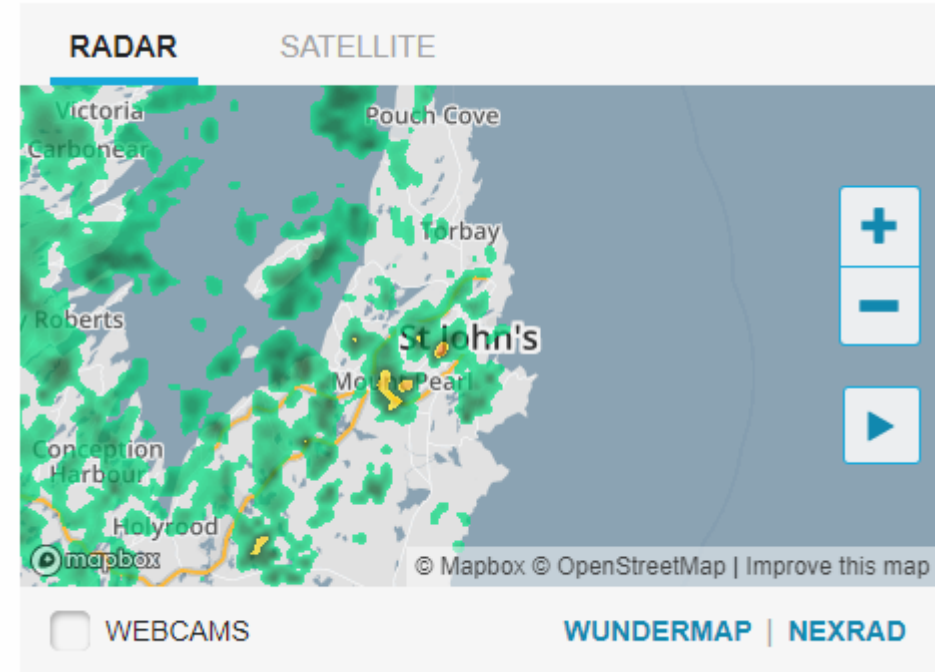


# Current Conditions at St. John's

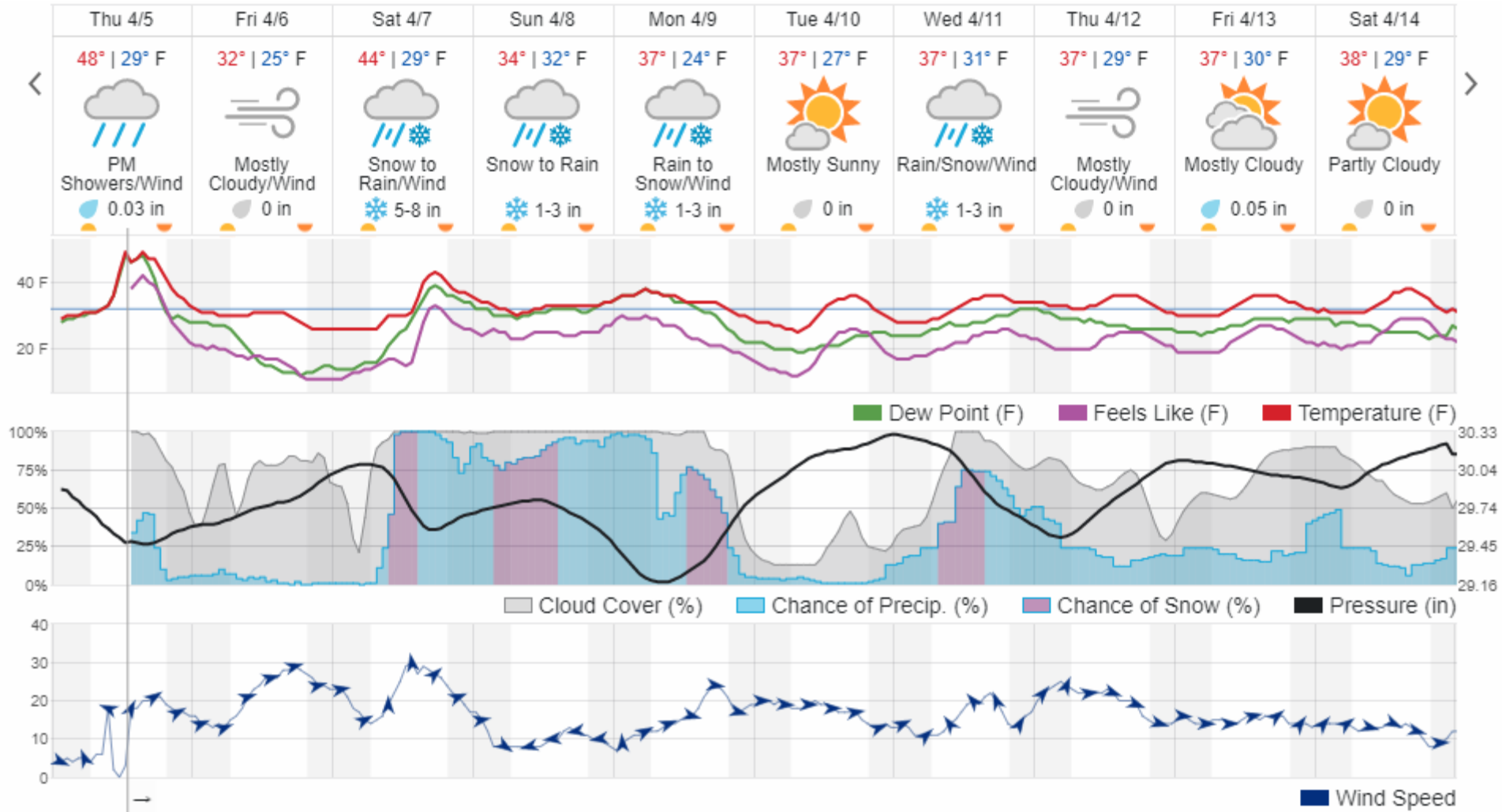
© 11:46 AM ADT on April 5, 2018 (GMT -0300) | Updated a few seconds ago



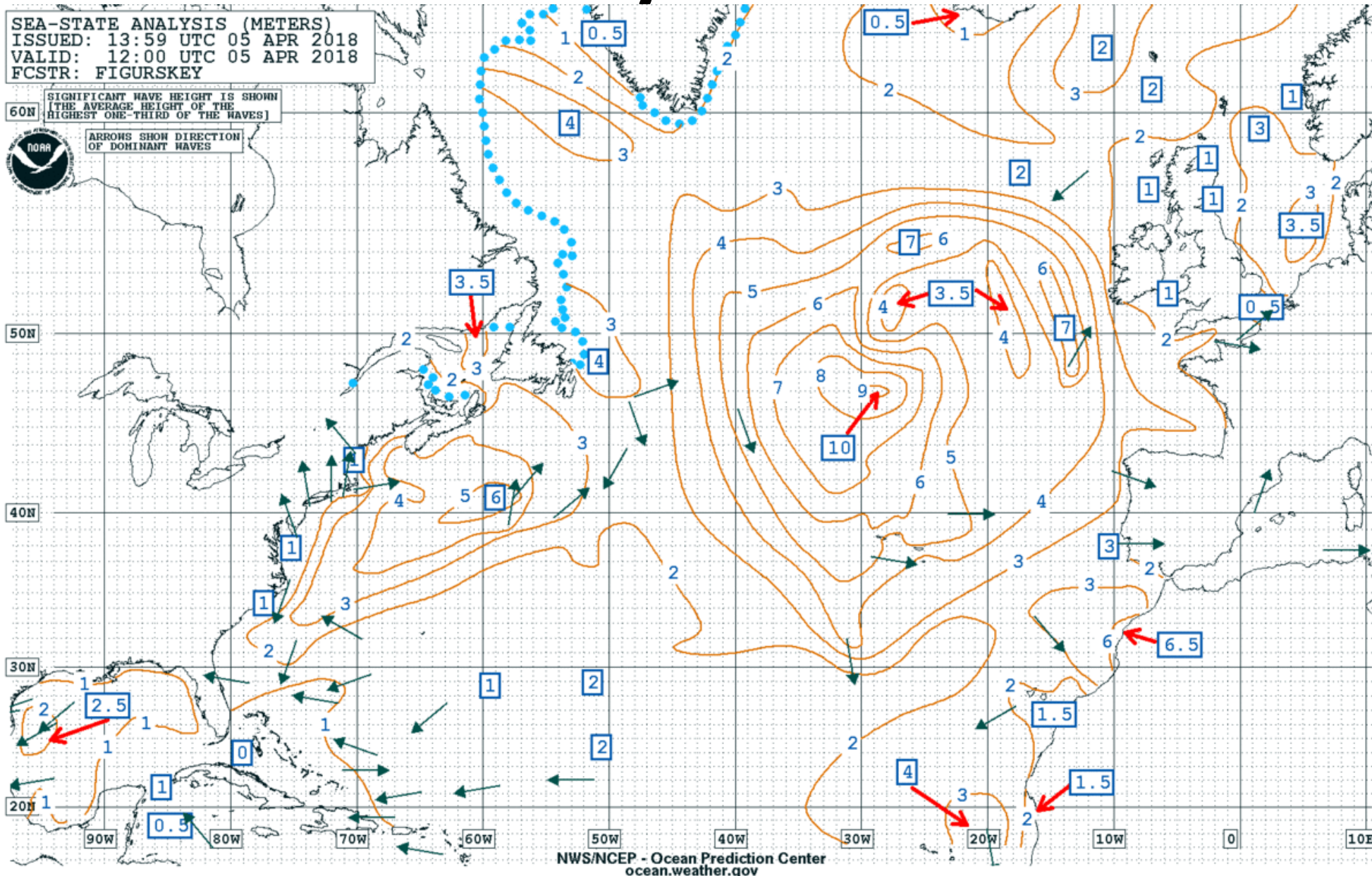
Today is forecast to be **MUCH WARMER** than yesterday.



# St. John's Forecast



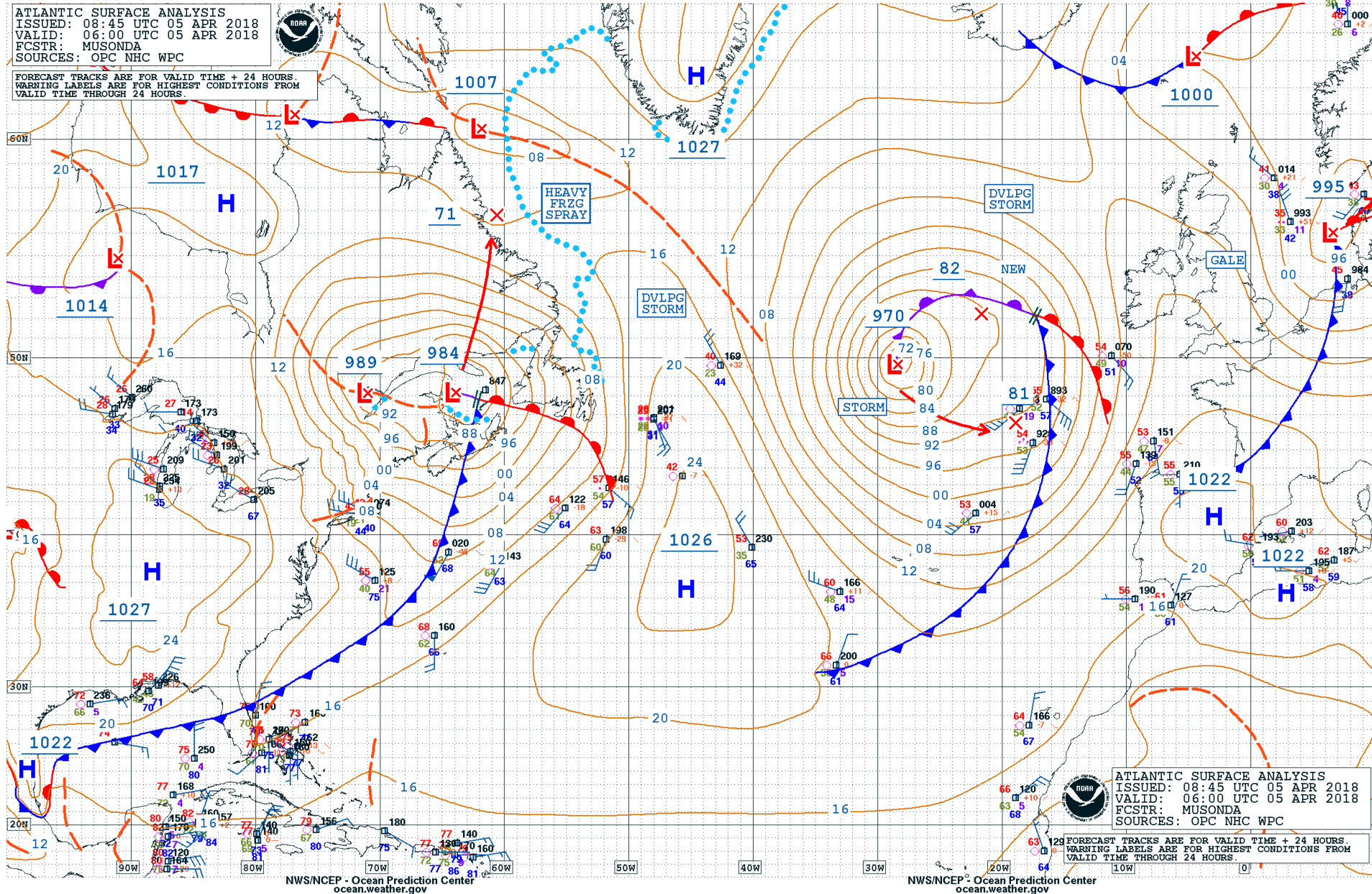
# Sea State Analysis



- 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



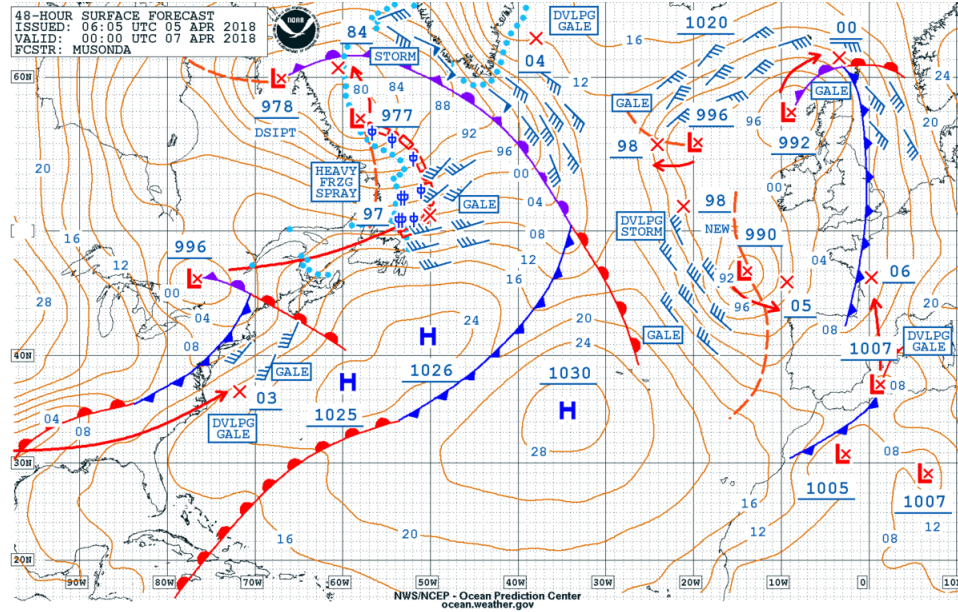
# Surface Analysis



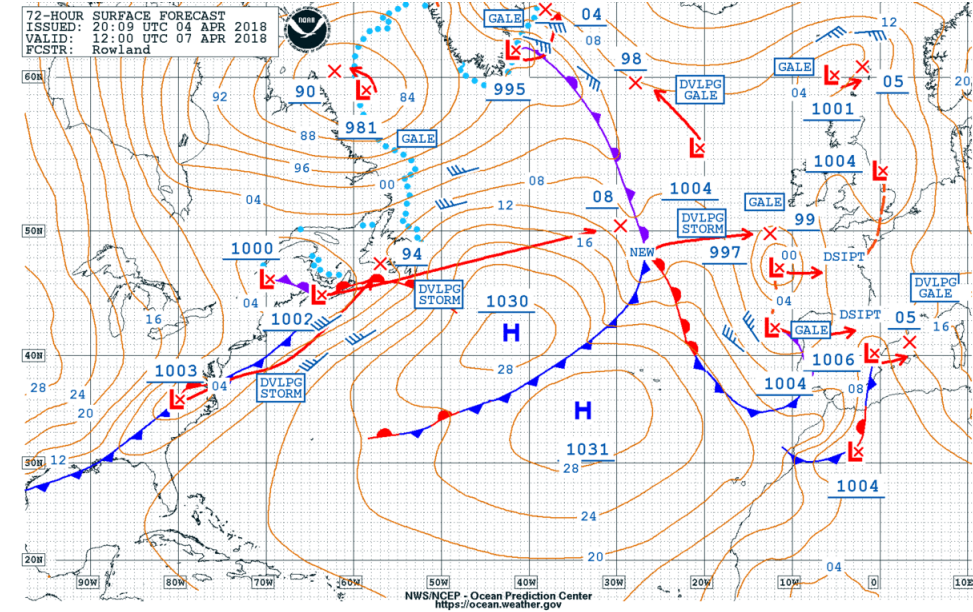


# Synoptic Forecast

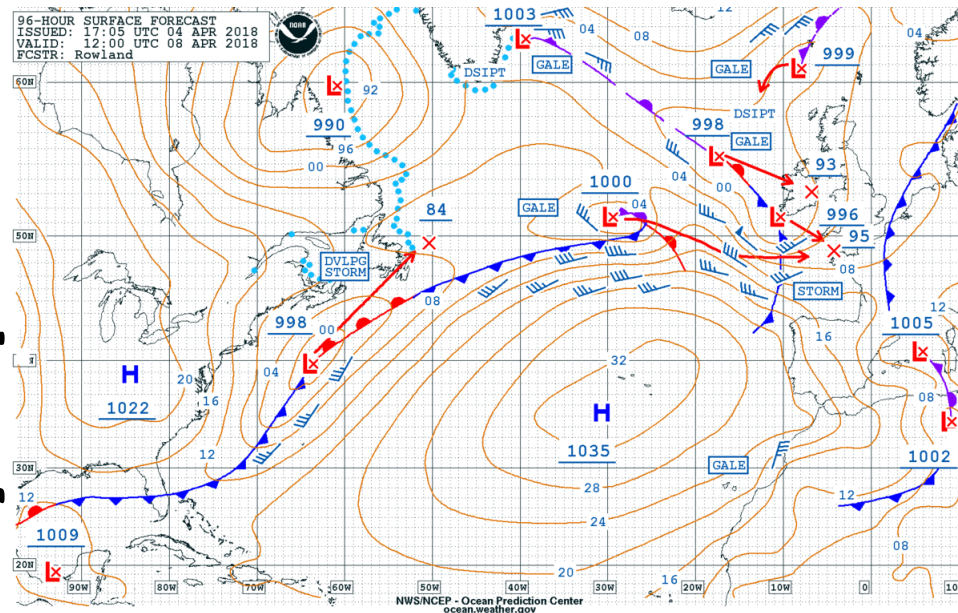
## 48 Hour Forecast - Friday 10pm Ship Time (UTC-2)



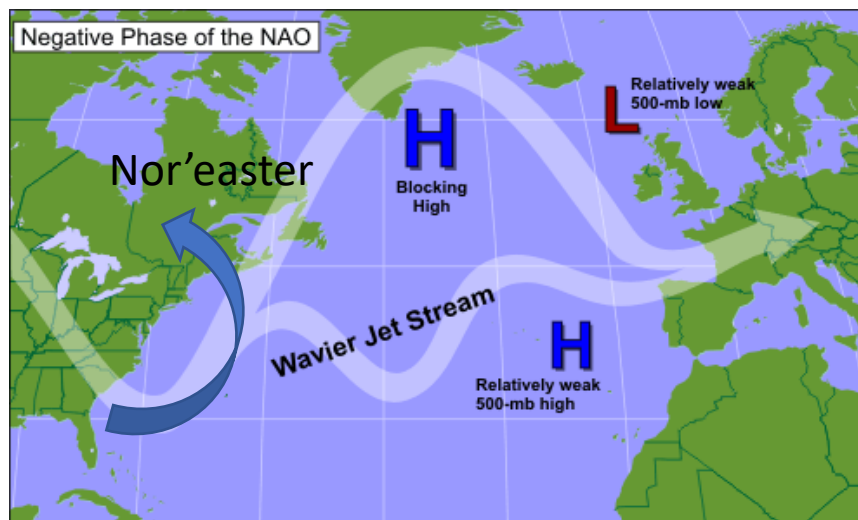
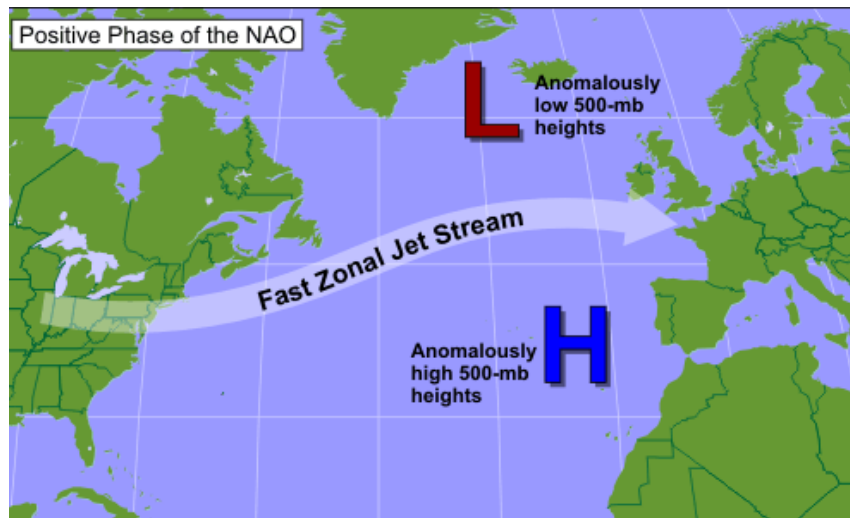
## 72 Hour Forecast - Saturday 10am Ship Time (UTC-2)



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



# Current NAO



## NAO: Observed & ENSM forecasts

