Day 1-3 Forecast Summary

Day 1 (Saturday) – Nov 7
St. John’s: Windy. Showers early with clearing later in the day. High 53F. Winds WSW at 25 to 35 mph. Chance of rain 50%.

\textbf{Ship: (~42.63 N, 65.5 W, ~12 UT)}
- Winds: W at 15 to 25 kts
- Clouds: Scattered low and mid, broken to overcast high. Clearer near shore
- Waves: SW at 5 to 10 feet
- Precip: Showers and thunderstorms possible, but forecast to stay south of 42N
- Aerosol: 0.3 (SS + sulfate)
- Recommendation: N/A

Day 2 (Sunday) – Nov 8
St. John’s: Windy with a few clouds from time to time. High 41F. Winds W at 25 to 35 mph.

\textbf{Ship: (~43.75 N, 60.33 W, ~12 UT)}
- Winds: WNW at 20 to 30 kts
- Clouds: Scattered low, overcast becoming scattered or clear mid and high
- Waves: WSW at 7 to 12 feet
- Precip: Scattered showers possible
- Aerosol: 0.2 (mix)
- Recommendation: N/A

Day 3 (Monday) – Nov 9
St. John’s: Partly cloudy and windy. High 36F. Winds WNW at 20 to 30 mph.

\textbf{Ship: (~44.88 N, 55.17 W, ~12 UT)}
- Winds: WNW at 20 to 30 kts, diminishing in the evening
- Clouds: Scattered to broken mid, clear high
- Waves: W at 9 to 15 feet
- Precip: Occasional showers possible
- Recommendation: Fly!
Day 4 (Tuesday) – Nov 10
St. John’s: Partly cloudy skies, with gusty winds developing during the afternoon. High 43F. Winds W at 20 to 30 mph.
Ship: (~46.0 N, 50.0 W, ~12 UT)
  Winds: W at 15 to 25 kts
  Clouds: Scattered to broken low, scattered to clear mid and high
  Waves: N at 9 to 15 feet
  Precip: No precip likely
  Recommendation: N/A

Day 5 (Wednesday) – Nov 11
St. John’s: Cloudy. High near 40F. Winds W at 5 to 10 mph.
Ship: (~ 49.3, 47.1 W, ~12 UT)
  Winds: W at 10 to 20 kts
  Clouds: Broken to overcast low, clear becoming overcast mid, scattered becoming overcast high
  Waves: NNW at 9 to 15 feet
  Precip: No precip likely
  Recommendation: N/A

Day 6 (Thursday) – Nov 12
St. John’s: Considerable cloudiness. Occasional rain showers in the afternoon. High 41F. Winds E at 10 to 15 mph.
Chance of rain 40%.
Ship: (~ 52.6 N, 44.2 W, ~12 UT)
  Winds: W at 5 to 15 kts, becoming light and variable overnight
  Clouds: Scattered to broken low, broken mid and high
  Waves: NNW at 7 to 12 feet
  Precip: Scattered showers possible in the morning
  Recommendation: Possible (forward survey? Better conditions north and east)
Planned Ship Route & Forecast

Forecast using WaveWatch III and ECMWF Clouds/Precip

Saturday 11/7
Waves: SW 5-10 ft
Winds: W 15-25 kts
Partly cloudy, showers possible

Sunday 11/8
Waves: WSW 7-12 ft
Winds: WNW 20-30 kts
Partly cloudy, scattered showers possible

Monday 11/9
Waves: W 9-15 ft
Winds: WNW 20-30 kts
Partly cloudy, occasional showers possible

Tuesday 11/10
Waves: N 9-15 ft
Winds: W 15-25 kts
Partly cloudy, no precip likely

Wednesday 11/11
Waves: NNW 9-15 feet
Winds: W 10-20 kts
Mostly cloudy, no precip likely

Thursday 11/12
Waves: NNW 7-12 feet
Winds: W 5-15 kts
Mostly cloudy, scattered AM showers possible

Friday 11/13
Outlook available Saturday
Terra/Aqua Chlorophyll (Nov. 3-Nov. 5)