

# Day 1 - 3 Forecast Summary

## Day 1 (Wednesday) – Nov 11

**Recommendation: No fly – Logistics day**

St. John's: Sunshine and clouds mixed. High 33F. Winds NNE at 5 to 10 mph.

Ship: (~ 49.3 N, 47 W, ~12 UT)

Winds: NW at 20 to 30 kts

Waves: NNW at 9 to 15 feet

Clouds: Scattered to broken becoming overcast low, clear to scattered mid, clear high.

Precip: Showers early

## Day 2 (Thursday) – Nov 12

**Recommendation: Possible (forward survey; depends on clouds)**

St. John's: Cloudy. Temps nearly steady in the low to mid 30s. Winds E at 15 to 25 mph.

Ship: (~ 51 N, 43.64 W, ~12 UT)

Winds: WNW at 5 to 15 kts

Waves: NNW at 9 to 15 feet

Clouds: Broken to overcast low, scattered mid, clear high

Precip: No precip expected

## Day 3 (Friday) – Nov 13

**Recommendation: Possible**

St. John's: Sunshine and clouds mixed. High 37F. Winds NE at 15 to 25 mph.

Ship: (~ 52.27 N, 41.92 W, ~12 UT)

Winds: Light and variable

Waves: NNW at 7 to 12 feet

Clouds: Broken to overcast low, clear mid, clear becoming overcast in the evening high

Precip: No precip expected (if Kate stays to south)

# Day 4 - 6 Outlook

## Day 4 (Saturday) – Nov 14

### Recommendation: Possible

St. John's: Showers in the morning, then becoming windy with a steady light rain in the afternoon. Temps nearly steady in the upper 30s. Winds SE at 20 to 30 mph. Chance of rain 70%.

Ship: (~ 54.1 N, 40.18 W, ~12 UT)

Winds: Light and variable

Waves: NNW becoming S at 7 to 10 feet

Clouds: Scattered to broken low, clear to scattered mid, clear high (no precip expected)

## Day 5 (Sunday) – Nov 15

### Recommendation: Possible

St. John's: Showers early becoming less numerous later in the day. High 41F. SW winds shifting to NW at 10 to 15 mph. Chance of rain 50%.

Ship: (~ 54.1 N, 40.18 W, ~12 UT)

Winds: E at 5 to 15 kts

Waves: SSE at 5 to 10 feet

Clouds: Broken to overcast low, clear to scattered mid, clear high

Precip: Showers possible

## Day 6 (Monday) – Nov 16

### Recommendation: Possible

St. John's: Rain showers early mixing with snow showers later in the day. High 39F. Winds NW at 10 to 20 mph. Chance of precip 60%.

Ship: (~ 51.04 N, 40.17 W, ~12 UT)

Winds: E becoming N at 18 to 28 kts

Waves: SE becoming E at 9 to 12 feet

Clouds: Scattered to broken low, scattered mid, clear high

Precip: Showers possible (depends on next storm location)

**Forecast using  
 WaveWatch III and  
 ECMWF  
 Clouds/Precip**

**Friday 11/13**  
 Waves: NNW 7-12 ft  
 Winds: Light & variable  
 Mostly cloudy

**Thursday 11/12**  
 Waves: NNW 9-15 ft  
 Winds: WNW 5-15 kts  
 Mostly cloudy

**Wednesday 11/11**  
 Waves: NNW 9-15 ft  
 Winds: NW 20-30 kts  
 Mostly cloudy, showers early

**Saturday 11/14**  
 Waves: NW to S 7-10 ft  
 Winds: Light & variable  
 Partly cloudy

**Sunday 11/15**  
 Waves: SSE 5-10 ft  
 Winds: E 5-15 kts  
 Mostly cloudy

**Monday 11/16**  
 Waves: SSE 9-12 ft  
 Winds: NE 18-28 kts  
 Partly cloudy

**Tuesday 11/17**  
 Waves: W 9-15 ft  
 Winds: E 5-15 kts  
 Partly cloudy

**Legend**

 Current Center Location  
**Forecast Center Locations:**  
 Tropical Cyclone  
 Sustained wind > 110 mph  
 Sustained wind > 73 mph  
 Sustained wind 39 - 73 mph  
 Sustained wind < 39 mph  
 Post-Tropical Cyclone  
 Sustained wind > 73 mph  
 Sustained wind 39 - 73 mph  
 Sustained wind < 39 mph

**Watches / Warnings:**  
 Hurricane Warning  
 Hurricane Watch  
 Tropical Storm Warning  
 Tropical Storm Watch

**Cone of Uncertainty:**  
 Potential Day 1-3 Track Area  
 Potential Day 4-7 Track Area

# Ship Route & Forecast

# MODIS Aqua Chlorophyll Composite

