NAAMES Afternoon WX Discussion

Monday, May 16, 2016
Planned Ship Route & Forecast

**Monday, 5/16 Transit to S1**
Waves: Variable, 5-7 ft
Winds: SE 5-15 kts
Clouds: Broken-overcast low, clear mid-high
Precip: None

**Tuesday, 5/17 Transit to S1**
Waves: NE 7-10 ft
Winds: SSW 5-10 kts
Clouds: Overcast low, clear becoming overcast mid-high
Precip: Drizzle

**Wednesday, 5/18 S1**
Waves: E becoming S 5-9 ft
Winds: Light and variable
Clouds: Broken low-mid, Scat high
Precip: Drizzle AM, pushing north in the PM

**Thursday, 5/19 Transit to S2**
Waves: SSW 7-9 ft
Winds: NNW 15-25 kts
Clouds: Broken low, scattered mid-high
Precip: Scattered showers

**Friday, 5/20 S2**
Waves: NNE 5-9 ft (decreasing)
Winds: SW 5-15 kts
Clouds: Overcast bcmg scattered low, clear mid-high
Precip: None

**Saturday, 5/21 Transit to S3**
Waves: W 5-7 ft
Winds: E 5-10 kts
Clouds: Scattered low-mid, overcast high
Precip: None

**Sunday, 5/22 S3**
Waves: SW 7-9 ft
Winds: NW 10-20 kts
Clouds: Overcast low, clear mid-high
Precip: AM showers
Forecast Summary

Day 1 (Tuesday) – May 17
Recommendation: Ship in transit to S1. Flight unlikely
St. John’s: Mostly cloudy and windy with showers developing later in the day. High 47F. Winds SW at 20 to 30 mph. Chance of rain 50%.

Day 2 (Wednesday) – May 18
Recommendation: Ship at S1. Good fly day, no transport into S1, but broken clouds/drizzle
St. John’s: Windy with a mix of clouds and sun in the morning. Showers developing during the afternoon. High 49F. Winds W at 20 to 30 mph. Chance of rain 40%.

Day 3 (Thursday) – May 19
Recommendation: Ship in transit to S2. Potential fly day, not bad conditions for survey
St. John’s: Except for a few afternoon clouds, mainly sunny. High 56F. Winds W at 5 to 10 mph.

Day 4 (Friday) – May 20
Recommendation: Ship at S2. Potential fly day, conditions look favorable at S2-4
St. John’s: Partly to mostly cloudy. High 53F. Winds E at 10 to 20 mph.

Day 5 (Saturday) – May 21
Recommendation: Ship in transit to S3. Potential fly day, but most of ship track cloudy
St. John’s: Generally sunny despite a few afternoon clouds. High near 60F. Winds WSW at 10 to 20 mph.

Day 6 (Sunday) – May 22
Recommendation: Ship at S3. Cloudy/showers near ship, potential survey conditions S4-6
St. John’s: Except for a few afternoon clouds, mainly sunny. High near 50F. Winds NNW at 10 to 20 mph.
Iceberg Analysis

Monday
North Atlantic Oscillation

NAO: Observed & ENSM forecasts

500mb Z (Obs: 17 Jan 2016 – 15 May 2016) NAO index
mean = 0.4115

500mb Z (7 day Forecast) NAO index
mean = 0.3180  cor(w/obs) = 0.3908

500mb Z (10 day Forecast) NAO index
mean = 0.2812  cor(w/obs) = 0.7177

500mb Z (14 day Forecast) NAO index
mean = 0.2913  cor(w/obs) = 0.5298
North Atlantic Oscillation
Current Conditions at St. John’s

Saint John’s, Newfoundland ★

St. John’s International | Change Station ▼

© 11:37 AM NDT on May 16, 2016 (GMT -0230)

46.4 °F

Overcast

Feels Like 40 °F

Wind from S

Gusts 25.3 mph

Today is forecast to be WARMER than yesterday.

Today
High 58 | Low 38 °F
10% Chance of Precip.

Yesterday
High 52 | Low 36 °F
Precip. 0 in

Pressure 29.70 in
Visibility 3.0 miles
Clouds Overcast 500 ft
Windchill 39.5 °F
Dew Point 43 °F
Humidity 87%
Rainfall 0.00 in
Snow Depth Not available.

Sun & Moon
5:21 am 77% Visible
8:33 pm

NETAR CVYT 161002 17015G22KT 35M BR
00/00S 08/06 1296A RMK STA SLR056

Show Webcams
## St. John’s Forecast

<table>
<thead>
<tr>
<th>Date</th>
<th>Temperature</th>
<th>Chance of Precipitation</th>
<th>Wind Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon 05/16</td>
<td>58°F</td>
<td>Partly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Tue 05/17</td>
<td>47°F</td>
<td>Chance of Rain</td>
<td>0.02 in</td>
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<tr>
<td>Wed 05/18</td>
<td>49°F</td>
<td>Chance of Rain</td>
<td>0.05 in</td>
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<tr>
<td>Thu 05/19</td>
<td>56°F</td>
<td>Clear</td>
<td>0 in</td>
</tr>
<tr>
<td>Fri 05/20</td>
<td>53°F</td>
<td>Partly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Sat 05/21</td>
<td>60°F</td>
<td>Clear</td>
<td>0 in</td>
</tr>
<tr>
<td>Sun 05/22</td>
<td>50°F</td>
<td>Clear</td>
<td>0 in</td>
</tr>
<tr>
<td>Mon 05/23</td>
<td>54°F</td>
<td>Mostly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Tue 05/24</td>
<td>59°F</td>
<td>Clear</td>
<td>0 in</td>
</tr>
<tr>
<td>Wed 05/25</td>
<td>56°F</td>
<td>Chance of Rain</td>
<td>0.08 in</td>
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</table>
# St. John’s METAR and TAF

**AMEND TAF**

**CYT - ST. JOHN’S/ST. JOHN’S INTL/HL**

<table>
<thead>
<tr>
<th>TIMES (UTC)</th>
<th>WIND (KNOTS)</th>
<th>VISIBILITY (MILES)</th>
<th>WEATHER</th>
<th>CLOUDINESS</th>
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<tbody>
<tr>
<td>16 MAY - 1400 to 16 MAY - 1530</td>
<td>170 @ 12 KNOTS</td>
<td>3</td>
<td>MIST</td>
<td>600 OVERCAST</td>
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<tr>
<td>BECOMING</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>16 MAY - 1400 to 16 MAY - 1600</td>
<td>6+</td>
<td>NIL</td>
<td>600 SCATTERED 2000 BROKEN</td>
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<tr>
<td>TEMPORARY CHANGES</td>
<td>16 MAY - 1500 to 16 MAY - 1600</td>
<td>230 @ 18 KNOTS</td>
<td>6+</td>
<td>NIL</td>
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<tr>
<td></td>
<td>16 MAY - 2000 to 16 MAY - 0000</td>
<td>230 @ 20 KNOTS</td>
<td>6+</td>
<td>NIL</td>
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<tr>
<td>TEMPORARY CHANGES</td>
<td>17 MAY - 2000 to 17 MAY - 2300</td>
<td>230 @ 30 KNOTS</td>
<td>6+</td>
<td>NIL</td>
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<tr>
<td>17 MAY - 0500 to 17 MAY - 1200</td>
<td>230 @ 15 KNOTS</td>
<td>6+</td>
<td>NIL</td>
<td>2000 BROKEN</td>
</tr>
<tr>
<td>TEMPORARY CHANGES</td>
<td>17 MAY - 0600 to 17 MAY - 1200</td>
<td>4</td>
<td>LIGHT RAIN SHOWER</td>
<td>600 BROKEN</td>
</tr>
</tbody>
</table>

**REMARKS**

The next forecast will be issued by 1800 UTC on day 16.
Surface Analysis and Synoptic Forecast