July 22, 2018 Payload 2 Daily Flight Report

Date: 2018-07-22
Flight Campaign ID: 2018_P2C1
Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK

Domain: 18
Sites Flown: None
Days left in Domain: 3

Report Author: Michael Wussow
Flight Crew: John Adler, Michael Wussow
Ground/GPS: Ivana Vu
Pilots: Gian Carey, Hans Germann
Additional Personnel: none
GPS Instruments: AOP-2

Summary
Low clouds and rain showers at Toolik and low clouds at Barrow prevented flights from occurring today.

Concerns
QA from yesterday’s flight has been running since 8pm (AKT) yesterday and is stuck at the 28% mark.

Comments
Ivana Vu returned to Deadhorse last night.

Cumulative Domain Coverage

**BARR_P1**

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Flown: 66% (23/35)
Green: 9% (3/35)
Yellow: 54% (19/35)
Red: 9% (3/35)

**BARR_P2**

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Flown: 0% (0/15)
Green: 0% (0/15)
Yellow: 0% (0/15)
Red: 0% (0/15)

**N18A**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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Flown: 100% (1/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 100% (1/1)
Flown: 54% (26/48)
Green: 0% (0/48)
Yellow: 0% (0/48)
Red: 54% (26/48)

**Weather Forecast**
Prudhoe Bay, AK (FBO)

<table>
<thead>
<tr>
<th>Mon 7/23</th>
<th>Tue 7/24</th>
<th>Wed 7/25</th>
<th>Thu 7/26</th>
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<tbody>
<tr>
<td><strong>Temperature</strong></td>
<td><strong>Weather</strong></td>
<td><strong>Temperature</strong></td>
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<tr>
<td>47°F</td>
<td>39°F</td>
<td>Mostly Cloudy</td>
<td>0 in</td>
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<tr>
<td>63°F</td>
<td>45°F</td>
<td>Partly Cloudy</td>
<td>0 in</td>
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<tr>
<td>48°F</td>
<td>34°F</td>
<td><strong>Cloudy</strong></td>
<td>0 in</td>
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<tr>
<td>37°F</td>
<td>32°F</td>
<td>AM Clouds/PM Sun</td>
<td>0 in</td>
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Alyeska Pipeline, Pump Station 2, AK (TOOL)

<table>
<thead>
<tr>
<th>Mon 7/23</th>
<th>Tue 7/24</th>
<th>Wed 7/25</th>
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<td><strong>Temperature</strong></td>
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<td><strong>Temperature</strong></td>
<td><strong>Weather</strong></td>
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<tr>
<td>72°F</td>
<td>54°F</td>
<td>AM Showers</td>
<td>0.01 in</td>
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<tr>
<td>77°F</td>
<td>62°F</td>
<td>Mostly Sunny</td>
<td>0 in</td>
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<tr>
<td>65°F</td>
<td>43°F</td>
<td>Mostly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>49°F</td>
<td>36°F</td>
<td>Partly Cloudy</td>
<td>0 in</td>
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Flight Collection Plan for 23 July 2018

**Flyority 1:**
Collection Area: Toolik (TOOL)
Flight Plan Name: D18_TOOL_C1_P1_v1.pln
On-station Time: 1920 UTC / 1120 L

**Flyority 2:**
Collection Area: Barrow Environmental Observatory – Priority 1 Flight Box (BARR_P1)
Flight Plan Name: D18_BARR_R1_P1_v3.pln
On-station Time: 2020 UTC / 1220 L

**Flyority 3:**
Collection Area: Barrow Environmental Observatory – Priority 2 Flight Box (BARR_P2)
Flight Plan Name: D18_BARR_R1_P2_v3.pln
On-station Time: 2030 UTC / 1230 L

**Crew:** Ivana Vu (Lidar), Michael Wussow (NIS), John Adler (Ground)

Flight Collection Plan for 24 July 2018

**Flyority 1:**
Collection Area: Toolik (TOOL)
Flight Plan Name: D18_TOOL_C1_P1_v1.pln
On-station Time: 1930 UTC / 1130 L

**Flyority 2:**
Collection Area: Barrow Environmental Observatory – Priority 1 Flight Box (BARR_P1)
Flight Plan Name: D18_BARR_R1_P1_v3.pln
On-station Time: 2030 UTC / 1230 L

**Flyority 3:**
Collection Area: Barrow Environmental Observatory – Priority 2 Flight Box (BARR_P2)
Flight Plan Name: D18_BARR_R1_P2_v3.pln
On-station Time: 2030 UTC / 1230 L

**Crew:** John Adler (Lidar), Ivana Vu (NIS), Michael Wussow (Ground/GPS)