Date: 2019-07-14
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK

Domain: 18
Sites Flown: None
Days left in Domain: 12

Report Author: Michael Wussow
Flight Crew: Michael Wussow, Matt Devoe
Ground/GPS: None
Pilots: Mark Solper, Stephen Brawders
GPS Instruments: None

Flight Hours: 00:00
Hours until maintenance: 55.15

Summary
Conditions varied widely across our areas of interest today. Sunny skies in Deadhorse gave false hope with fog and mist persisting in Utqiagvik, and thick cumulus clouds around Toolik Lake. No flights were conducted.

Concerns
None

Comments
None

Pictures
Nice conditions in Deadhorse
Not so nice conditions in Barrow

Cumulative Domain Coverage

**BARR_P1**

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<th>20</th>
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<tbody>
<tr>
<td>Flown:</td>
<td>100% (35/35)</td>
<td>Green:</td>
<td>0% (0/35)</td>
<td>Yellow:</td>
<td>100% (35/35)</td>
<td>Red:</td>
<td>0% (0/35)</td>
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**BARR_P2**

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<th>48</th>
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<th>50</th>
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<tbody>
<tr>
<td>Flown:</td>
<td>127% (19/15)</td>
<td>Green:</td>
<td>0% (0/15)</td>
<td>Yellow:</td>
<td>127% (19/15)</td>
<td>Red:</td>
<td>0% (0/15)</td>
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**BARR_P3**

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<tbody>
<tr>
<td>Flown:</td>
<td>100% (4/4)</td>
<td>Green:</td>
<td>0% (4/4)</td>
<td>Yellow:</td>
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**N18A**

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<tr>
<td>Flown:</td>
<td>0% (0/1)</td>
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</tbody>
</table>
Flown: 90% (43/48)
Green: 0% (0/48)
Yellow: 23% (11/48)
Red: 71% (34/48)

Weather Forecast
Prudhoe Bay, AK (PASC)

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<tr>
<th></th>
<th>Mon 7/15</th>
<th>Tue 7/16</th>
<th>Wed 7/17</th>
<th>Thu 7/18</th>
<th>Fri 7/19</th>
<th>Sat 7/20</th>
<th>Sun 7/21</th>
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<tbody>
<tr>
<td>Temp</td>
<td>46°</td>
<td>60°</td>
<td>47°</td>
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<tr>
<td>Cond</td>
<td>Showers</td>
<td>AM Clouds/PM Sun</td>
<td>Mostly Cloudy</td>
<td>Mostly Cloudy</td>
<td>AM Showers</td>
<td>Mostly Cloudy</td>
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<tr>
<td>Precip</td>
<td>0.25 in</td>
<td>0 in</td>
<td>0.06 in</td>
<td>0.03 in</td>
<td>0.02 in</td>
<td>0.05 in</td>
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Toolik Lake, AK (TOOL)

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<th>Thu 7/18</th>
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<tbody>
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<td>Temp</td>
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<td>64°</td>
<td>60°</td>
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<td>59°</td>
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<tr>
<td>Cond</td>
<td>PM Showers</td>
<td>Partly Cloudy</td>
<td>Cloudy</td>
<td>AM Showers</td>
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<tr>
<td>Precip</td>
<td>0.05 in</td>
<td>0 in</td>
<td>0.04 in</td>
<td>0.15 in</td>
<td>0.07 in</td>
<td>0.4 in</td>
<td>0.24 in</td>
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</tbody>
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Flight Collection Plan for 15 July 2019

**Flyority 1:**
Collection Area: Toolik (TOOL)
Flight Plan Name: D18_TOOL_C1_P1_v1.pln
On-station Time: 1900 – 0110 UTC / 1040 – 1720 L (35° solar angle)

**Flyority 2:**
Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box
Flight Plan Name: D18_BARR_R1_P1_P2_P3_v4.pln
On-station Time: 1950 – 0110 UTC / 1130 – 1730 L (35° solar angle)
*Only if Green Conditions Exist

**Flyority 3:**
Collection Area: Barrow Environmental Observatory (BARR) - Priority 2 Flight Box
Flight Plan Name: D18_BARR_R1_P1_P2_P3_v4.pln
On-station time: 1950 – 0110 UTC / 1130 – 1730 L (35° solar angle)
*Only if Green Conditions Exist

**Flyority 4**
Collection Area: Barrow Environmental Observatory (BARR) - Priority 3 Flight Box
Flight Plan Name: D18_BARR_R1_P1_P2_P3_v4.pln
On-station time: 1950 – 0110 UTC / 1130 – 1730 L (35° solar angle)
*Only if Green Conditions Exist

**Flyority 5**
Collection Area: Nominal Runway – D18
Flight Plan Name: D18_N18A_Nominal_Runway_Test_v1.pln
On-station time: N/A
Crew: Matt DeVoe (Lidar), Michael Wussow (NIS)

Flight Collection Plan for 16 July 2019

**Flyority 1-5:** Same as previously briefed
Crew: Michael Wussow (Lidar), Matt DeVoe (NIS)