Date: 2019-07-04
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK

Domain: 18
Sites Flown: None
Days left in Domain: 23

Report Author: Cameron Chapman
Flight Crew: Cameron Chapman, Ivana Vu
Ground/GPS: Mark Solper
Pilots: Stephen Brawders, Mark Solper
Additional Personnel: None
GPS Instruments: None

Flight Hours: 00:00
Hours until maintenance: 75.07

Summary
Low cumulus clouds persisted throughout the day at Toolik while overcast skies and rain showers dominated the sky in Barrow. No sites were flown.

Concerns
None

Comments
Happy Independence Day America!

Picture: L-R: Steven, Cameron, Ivana, & Mark celebrate the 4th of July with a few festive props!
Daily Coverage: N/A

Cumulative Domain Coverage

**BARR_P1**

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Flown: 0% (0/35)
Green: 0% (0/35)
Yellow: 0% (0/35)
Red: 0% (0/35)

**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: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

**TOOL**

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Flown: 0% (0/48)
Green: 0% (0/48)
Yellow: 0% (0/48)
Red: 0% (0/48)

**Weather Forecast**

Prudhoe Bay, AK (TOOL)

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<th>Fri 7/6</th>
<th>Sat 7/6</th>
<th>Sun 7/7</th>
<th>Mon 7/8</th>
<th>Tue 7/9</th>
<th>Wed 7/10</th>
<th>Thu 7/11</th>
<th>Fri 7/12</th>
<th>Sat 7/13</th>
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<tbody>
<tr>
<td>54°F</td>
<td>38°F</td>
<td>51°F</td>
<td>45°F</td>
<td>55°F</td>
<td>39°F</td>
<td>49°F</td>
<td>36°F</td>
<td>48°F</td>
</tr>
<tr>
<td>Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
</tr>
</tbody>
</table>

Cloud Cover (%)  Chance of Precip. (%)
Flight Collection Plan for 05 July 2019

**Flyority 1:**
Collection Area: Toolik (TOOL)
Flight Plan Name: D18_TOOL_C1_P1_v1.pln
On-station Time: 1840 UTC / 1040 L (35deg 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: 1930 UTC / 1130 L (35deg solar angle)

**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: 1930 UTC / 1130 L (35deg solar angle)

**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: 1930 UTC / 1130 L (35deg solar angle)

**Flyority 5**
Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box – 750m AGL Initial Collect
Flight Plan Name: D18_BARR_R1_P1_v3b_760m_AGL.pln (use only if cloud heights do not permit flights at 1000m AG)
On-station time: 1930 UTC / 1130 L (35deg solar angle)

**Flyority 6**
Collection Area: Nominal Runway – D18
Flight Plan Name: D18_N18A_Nominal_Runway_Test_v1.pln
On-station time: n/a

**Crew:** Ivana Vu (Lidar), Cameron Chapman (NIS)

Flight Collection Plan for 06 July 2019

**Flyority 1-6:** Same as previously briefed

**Crew:** Cameron Chapman (Lidar), Ivana Vu (NIS)