**Date:** 2022-08-06  
**Flight Campaign ID:** P1C1  
**Airport, FBO ID, City:** Deadhorse Airport (PASC) - Deadhorse, AK  
**Aircraft:** N331AR  
**Domain:** 18 (Tundra)  
**Sites Flown:** None  
**Days left in Domain:** 16  

**Report Author:** Abe  
**Lidar Operators:** Abe  
**Flight Hours:** 00:00  
**Spectrometer Operators:** Mike  
**Hours until maintenance:** 75.93  
**Pilots:** Jeremy, Vince  

**Summary**  
Rain and low clouds at all the sites today kept the otter on the ground. No collections were made.  

**Concerns**  
None  

**Comments**  
-The second TOOL flight extraction was started this morning. At 3TB there is quite a lot of data for the hotel kit to work through, the first flight took about 36 hours to complete.  

**Cumulative Domain Coverage**  

<table>
<thead>
<tr>
<th>Domain</th>
<th>Flown</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>D18</td>
<td>BARR_P1 (Barrow Environmental Observatory Priority 1)</td>
<td>0% (0/35)</td>
<td>0% (0/35)</td>
<td>0% (0/35)</td>
</tr>
<tr>
<td>D18</td>
<td>BARR_P2 (Barrow Environmental Observatory Priority 2)</td>
<td>0% (0/15)</td>
<td>0% (0/15)</td>
<td>0% (0/15)</td>
</tr>
<tr>
<td>D18</td>
<td>BARR_P3</td>
<td>0% (0/4)</td>
<td>0% (0/4)</td>
<td>0% (0/4)</td>
</tr>
</tbody>
</table>
### D18|N18A (D18 Nominal Runway)

- **Flown:** 100% (2/2)
- **Green:** 0% (0/2)
- **Yellow:** 0% (0/2)
- **Red:** 100% (2/2)

### D18|OKSR (Oksrukuyik Creek)

- **Flown:** 0% (0/21)
- **Green:** 0% (0/21)
- **Yellow:** 0% (0/21)
- **Red:** 0% (0/21)

### D18|TOOL (Toolik)

- **Flown:** 86% (44/51)
- **Green:** 0% (0/51)
- **Yellow:** 0% (0/51)
- **Red:** 86% (44/51)

### Weather Forecast

#### Deadhorse, AK (FBO)

<table>
<thead>
<tr>
<th>Sun 8/7</th>
<th>Mon 8/8</th>
<th>Tue 8/9</th>
<th>Wed 8/10</th>
<th>Thu 8/11</th>
<th>Fri 8/12</th>
<th>Sat 8/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>49°F</td>
<td>38°F</td>
<td>47°F</td>
<td>37°F</td>
<td>42°F</td>
<td>37°F</td>
<td>47°F</td>
</tr>
</tbody>
</table>

- **Mostly Cloudy**
- **Showers**
- **PM Showers**
- **Cloudy**
- **Showers**

| Precipitation | 0 in | 0 in | 0.2 in | 0.14 in | 0.14 in | 0.06 in | 0.16 in |

#### Galbraith Lake, AK (TOOL)

<table>
<thead>
<tr>
<th>Sun 8/7</th>
<th>Mon 8/8</th>
<th>Tue 8/9</th>
<th>Wed 8/10</th>
<th>Thu 8/11</th>
<th>Fri 8/12</th>
<th>Sat 8/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>48°F</td>
<td>37°F</td>
<td>48°F</td>
<td>35°F</td>
<td>41°F</td>
<td>34°F</td>
<td>44°F</td>
</tr>
</tbody>
</table>

- **Mostly Cloudy**
- **Showers**
- **PM Showers**
- **AM Showers**

| Precipitation | 0.04 in | 0.22 in | 0.22 in | 0.11 in | 0.16 in | 0.18 in | 0.04 in |
Flight Collection Plan for 7 August 2022

Flyority 1/2
Collection Area: Barrow Environmental Observatory (BARR) – P1 Flight Box
Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml
On-station Time: 2000 UTC / 1200 L (30deg)

Flyority 1/2 Collection Area: Toolik Lake (TOOL)
Flight Plan Name: D18_TOOL_C1_P1_v3_PRM.xml
On-station Time: 1900 UTC / 1100 L (30deg)

Flyority 3
Collection Area: Oksrukuyik Creek (OKSR)
Flight Plan Name: D18_OKSR_A1_P1_v2_PRM
On-station Time: 1900 UTC / 1100 L (30deg)

Flyority 4
Collection Area: Barrow Environmental Observatory (BARR) – P2 Flight Box
Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml
On-station Time: 2000 UTC / 1200 L (30deg)

Flyority 5
Collection Area: Barrow Environmental Observatory (BARR) – P3 Flight Box
Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml
On-station Time: 2000 UTC / 1200 L (30deg)

Crew: Mike (Lidar), Abe (NIS)