Date: 2022-07-31  
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: 22  

Report Author: Abe  
Lidar Operators: Abe  
Flight Hours: 00:00  
Spectrometer Operators: Cameron  
Hours until maintenance: 85.75  
Pilots: Vince, Jeremy  

Summary  
The Deadhorse standard, low clouds and rain, kept the otter on the ground again today. The next few days are forecast for lifting clouds, and the crew is hopeful for some decent collection conditions.  

Concerns  
None  

Comments  
None  

Cumulative Domain Coverage  
D18|BARR_P1 (Barrow Environmental Observatory Priority 1)  

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |

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

D18|BARR_P2 (Barrow Environmental Observatory Priority 2)  

| 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |

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

D18|BARR_P3 ()  

| 54 | 55 | 56 | 57 |

Flown: 0% (0/4)  
Green: 0% (0/4)  
Yellow: 0% (0/4)  
Red: 0% (0/4)
### D18|N18A (D18 Nominal Runway)

<table>
<thead>
<tr>
<th>1</th>
</tr>
</thead>
</table>

- Flown: 0% (0/1)
- Green: 0% (0/1)
- Yellow: 0% (0/1)
- Red: 0% (0/1)

### D18|OKSR (Oksrukuyik Creek)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 |

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

### D18|TOOL (Toolik)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |

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

### Weather Forecast

**Deadhorse, AK (FBO)**

<table>
<thead>
<tr>
<th>Mon 8/1</th>
<th>Tue 8/2</th>
<th>Wed 8/3</th>
<th>Thu 8/4</th>
<th>Fri 8/5</th>
<th>Sat 8/6</th>
<th>Sun 8/7</th>
</tr>
</thead>
<tbody>
<tr>
<td>37°</td>
<td>33°F</td>
<td>44°</td>
<td>37°F</td>
<td>61°</td>
<td>48°F</td>
<td>64°</td>
</tr>
</tbody>
</table>

- Cloudy 0 in
- Mostly Cloudy 0 in
- Partly Cloudy 0 in
- PM Showers 0.07 in
- Showers 0.11 in
- Cloudy 0.02 in

**Galbraith Lake, AK (TOOL)**

<table>
<thead>
<tr>
<th>Mon 8/1</th>
<th>Tue 8/2</th>
<th>Wed 8/3</th>
<th>Thu 8/4</th>
<th>Fri 8/5</th>
<th>Sat 8/6</th>
<th>Sun 8/7</th>
</tr>
</thead>
<tbody>
<tr>
<td>54°</td>
<td>39°F</td>
<td>63°</td>
<td>41°F</td>
<td>66°</td>
<td>45°F</td>
<td>65°</td>
</tr>
</tbody>
</table>

- Cloudy 0 in
- Partly Cloudy 0 in
- Partly Cloudy 0 in
- Partly Cloudy 0 in
- PM Showers 0.2 in
- Showers 0.22 in
- Showers 0.09 in
Flight Collection Plan for 1 August 2022

Flyority 1/2
Collection Area: Toolik Lake (TOOL)
Flight Plan Name: D18_TOOL_C1_P1_v3_PRM.xml
On-station Time: 1930 UTC / 1130 L (35deg)

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: 2030 UTC / 1230 L (35deg)

Flyority 3
Collection Area: Oksrukuyik Creek (OKSR)
Flight Plan Name: D18_OKSR_A1_P1_v2_PRM
On-station Time: 1930 UTC / 1130 L (35deg)

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: 2030 UTC / 1230 L (35deg)

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: 2030 UTC / 1230 L (35deg)

Flyority 6
Collection Area: Nominal Runway – D18
Flight Plan Name: D18_N18A_Nominal_Runway_Test_v1_PRM.xml
On-station Time: N/A

Crew: Cam (Lidar), Abe (NIS)