Date: 2022-08-14
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: 10

Report Author: Ian
Lidar Operators: Ian
Flight Hours: 00:00
Spectrometer Operators: Mike
Hours until maintenance: 70.55
Pilots: Jeremy, Vince
GPS Instruments: None

Summary
No flights were conducted today due to rain and low clouds at all sites and FBO.

Concerns
None

Comments
None

Cumulative Domain Coverage

D18|TOOL (Toolik)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1 | XS| 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| 49| 50| 51|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Flown: 100% (50/51)
Green: 0% (0/51)
Yellow: 0% (0/51)
Red: 100% (50/51)

D18|OKSR (Oksrukuyik Creek)

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

Flown: 100% (20/21)
Green: 0% (0/21)
Yellow: 0% (0/21)
Red: 100% (20/21)
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 (Barrow Environmental Observatory Priority 3)

```
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)

```
 1 2
```

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

Weather Forecast
Deadhorse, AK (FBO)

<table>
<thead>
<tr>
<th>Mon 8/15</th>
<th>Tue 8/16</th>
<th>Wed 8/17</th>
<th>Thu 8/18</th>
<th>Fri 8/19</th>
<th>Sat 8/20</th>
<th>Sun 8/21</th>
</tr>
</thead>
<tbody>
<tr>
<td>39°</td>
<td>33°F</td>
<td>41°</td>
<td>35°F</td>
<td>40°</td>
<td>35°F</td>
<td>41°</td>
</tr>
</tbody>
</table>

Rain/Snow Showers
0.15 in
0 in
0.15 in
0.18 in
0.01 in
0.01 in
0.01 in
Flight Collection Plan for 15 August 2022

**Flyority 1**
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 (30deg)

**Flyority 2**
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 (30deg)

**Flyority 3**
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 (30deg)
Flyority 4 Collection Area: Toolik Lake (TOOL)
Flight Plan Name: D18_TOOL_C1_P1_v3_PRM.xml
On-station Time: 1920 UTC / 1120 L (30deg) – ONLY IF GREEN

Flyority 5
Collection Area: Oksrukuyik Creek (OKSR)
Flight Plan Name: D18_OKSR_A1_P1_v2_PRM
On-station Time: 1920 UTC / 1120 L (30deg) – ONLY IF GREEN

Crew: Mike (Lidar), Ian (NIS)