Date: 2022-08-16
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: 7

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
Poor weather and IFR conditions persisted throughout the region today, preventing any possibility of flights. Mitch arrives this evening, hopefully with some sunshine in tow.

Concerns
None

Comments
None

Photos
Low clouds at Toolik Lake (above) and Barrow (below).
## 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)

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

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>Wed 8/17</th>
<th>Thu 8/18</th>
<th>Fri 8/19</th>
<th>Sat 8/20</th>
<th>Sun 8/21</th>
<th>Mon 8/22</th>
<th>Tue 8/23</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM Showers</td>
<td>Showers</td>
<td>Cloudy</td>
<td>Cloudy</td>
<td>Mostly Cloudy/Wind</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>41°</td>
<td>36°F</td>
<td>38°</td>
<td>33°F</td>
<td>39°</td>
<td>34°F</td>
<td>41°</td>
</tr>
<tr>
<td>0.27 in</td>
<td>0.21 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

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[Weather Forecast Diagram]

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[Graph]
### Flight Collection Plan for 17 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: 2100 UTC / 1300 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: 2100 UTC / 1300 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: 2100 UTC / 1300 L (30deg)
Flyority 4 Collection Area: Toolik Lake (TOOL)
Flight Plan Name: D18_TOOL_C1_P1_v3_PRM.xml
On-station Time: 1940 UTC / 1140 L (30deg) – ONLY IF GREEN

Flyority 5
Collection Area: Oksrukuyik Creek (OKSR)
Flight Plan Name: D18_OKSR_A1_P1_v2_PRM
On-station Time: 1940 UTC / 1140 L (30deg) – ONLY IF GREEN

Crew: Mike (Lidar), Ian (NIS), Mitch (ground)