Date: 2022-08-15
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: 9

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

Summary
The weather has not changed one bit since Saturday morning with low grey skies persisting everywhere. No flight today.

Concerns
None

Comments
None

Photos

Despite the lack of aerial action, the crew was able to lay eyes upon a lone muskox during a post supper outing down the Dalton Highway. Photos by Mike W (“Ian having a look”) and Jeremy W (“Muskox standing there”).
**Cumulative Domain Coverage**

**D18|TOOL (Toolik)**

1 X5 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 X5 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>Date</th>
<th>Tuesday 8/16</th>
<th>Wednesday 8/17</th>
<th>Thursday 8/18</th>
<th>Friday 8/19</th>
<th>Saturday 8/20</th>
<th>Sunday 8/21</th>
<th>Monday 8/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>40°</td>
<td>35°F</td>
<td>39°</td>
<td>35°F</td>
<td>40°</td>
<td>35°F</td>
<td>40°</td>
</tr>
<tr>
<td>Conditions</td>
<td>Cloudy</td>
<td>Cloudy/Wind</td>
<td>Showers</td>
<td>AM Showers</td>
<td>Cloudy</td>
<td>Partly Cloudy/Wind</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Precipitation</td>
<td>0 in</td>
<td>0.34 in</td>
<td>0.27 in</td>
<td>0.03 in</td>
<td>0 in</td>
<td>0 in</td>
<td></td>
</tr>
</tbody>
</table>

Source: wunderground.com

Utqiagvik, AK (BARR)

<table>
<thead>
<tr>
<th>Date</th>
<th>Tuesday 8/16</th>
<th>Wednesday 8/17</th>
<th>Thursday 8/18</th>
<th>Friday 8/19</th>
<th>Saturday 8/20</th>
<th>Sunday 8/21</th>
<th>Monday 8/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>37°</td>
<td>35°F</td>
<td>39°</td>
<td>35°F</td>
<td>40°</td>
<td>34°F</td>
<td>40°</td>
</tr>
<tr>
<td>Conditions</td>
<td>AM Snow Showers</td>
<td>Cloudy/Wind</td>
<td>AM Showers/Wind</td>
<td>Mostly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Cloudy/Wind</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Precipitation</td>
<td>-- in</td>
<td>0.03 in</td>
<td>0.01 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td></td>
</tr>
</tbody>
</table>

Source: wunderground.com

Galbraith Lake, AK (TOOL)

<table>
<thead>
<tr>
<th>Date</th>
<th>Tuesday 8/16</th>
<th>Wednesday 8/17</th>
<th>Thursday 8/18</th>
<th>Friday 8/19</th>
<th>Saturday 8/20</th>
<th>Sunday 8/21</th>
<th>Monday 8/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>46°</td>
<td>36°F</td>
<td>47°</td>
<td>36°F</td>
<td>48°</td>
<td>40°F</td>
<td>51°</td>
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<tr>
<td>Conditions</td>
<td>PM Showers</td>
<td>PM Rain</td>
<td>Showers</td>
<td>Cloudy</td>
<td>Cloudy</td>
<td>Most Cluody</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Precipitation</td>
<td>0.06 in</td>
<td>0.29 in</td>
<td>0.21 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

Source: wunderground.com
Flight Collection Plan for 16 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: Ian (Lidar), Mike (NIS)