Payload 1 Daily Flight Report

Date: 2022-08-17
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: 5

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 North Slope was socked in for the day and no flights were possible.

Concerns
None

Comments
- Replacement crew Mitch and Elissa have arrived in Deadhorse!

Cumulative Domain Coverage

D18|TOOL (Toolik )

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<tbody>
<tr>
<td>Flown:</td>
<td>100% (50/51)</td>
<td>Green:</td>
<td>0% (0/51)</td>
<td>Yellow:</td>
<td>0% (0/51)</td>
<td>Red:</td>
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D18|OKSR (Oksrukuyik Creek )

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<tbody>
<tr>
<td>Flown:</td>
<td>100% (20/21)</td>
<td>Green:</td>
<td>0% (0/21)</td>
<td>Yellow:</td>
<td>0% (0/21)</td>
<td>Red:</td>
<td>100% (20/21)</td>
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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)

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Flown: 0% (0/4)
Green: 0% (0/4)
Yellow: 0% (0/4)
Red: 0% (0/4)

D18|N18A (D18 Nominal Runway)

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

Weather Forecast
Deadhorse, AK (FBO)

<table>
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<tr>
<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>
<th>Wed 8/24</th>
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<tbody>
<tr>
<td>39°</td>
<td>34°F</td>
<td>38°</td>
<td>32°F</td>
<td>38°</td>
<td>33°F</td>
<td>39°</td>
</tr>
</tbody>
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Rain, Cloudy, Cloudy, Cloudy, Mostly Cloudy, Wind, Sun, Partly Cloudy, Partly Cloudy

0.29 in, 0 in, 0 in, 0 in, 0 in, 0 in, 0 in
Flight Collection Plan for 18 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: Mitch (Lidar), Mike (NIS), Elissa (Ground)