Date: 2022-07-21
Flight Campaign ID: P1C1
Airport, FBO ID, City: Deadhorse Airport (PASC) – Prudhoe Bay, AK
Aircraft: N331AR

Domain: D18
Sites Flown: None
Days left in Domain: 32

Report Author: Mike
Lidar Operators: Mike  Flight Hours: 00:00
Spectrometer Operators: Elissa  Hours until maintenance: 85.75
Pilots: Jeremy, Vince  GPS Instruments: None

Summary
The NIS system is nearing temperature specification and should be there tonight.

Concerns
None

Comments
- GPS Basetation 04 was set up at the airport terminal today.
- The Daily Report generation from the database is experiencing issues and is being looked into with the help of Christian.
- We confirmed arrangements with North Slope SAR in Utqiagvik to use their GPU during refueling.

Photos
Elissa setting up the GPS in typical Deadhorse weather: low clouds.
### Weather Forecast

**Prudhoe Bay – Deadhorse, AK**

<table>
<thead>
<tr>
<th>Fri 7/22</th>
<th>Sat 7/23</th>
<th>Sun 7/24</th>
<th>Mon 7/25</th>
<th>Tue 7/26</th>
<th>Wed 7/27</th>
<th>Thu 7/28</th>
</tr>
</thead>
<tbody>
<tr>
<td>43°</td>
<td>37°F</td>
<td>44°</td>
<td>36°F</td>
<td>43°</td>
<td>33°F</td>
<td>42°</td>
</tr>
</tbody>
</table>

- Cloudy
- 0 in

**Pump Station 2, AK (TOOL)**

<table>
<thead>
<tr>
<th>Fri 7/22</th>
<th>Sat 7/23</th>
<th>Sun 7/24</th>
<th>Mon 7/25</th>
<th>Tue 7/26</th>
<th>Wed 7/27</th>
<th>Thu 7/28</th>
</tr>
</thead>
<tbody>
<tr>
<td>55°</td>
<td>42°F</td>
<td>53°</td>
<td>39°F</td>
<td>57°</td>
<td>43°F</td>
<td>62°</td>
</tr>
</tbody>
</table>

- PM Showers
- 0.28 in
- Showers
- 0.19 in
- Mostly Cloudy
- 0 in
- PM Showers
- 0.18 in
- Showers
- 0.15 in
- Showers
- 0.13 in
- Showers
- 0.07 in

**Utqiagvik, AK (BARR)**

<table>
<thead>
<tr>
<th>Fri 7/22</th>
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<th>Wed 7/27</th>
<th>Thu 7/28</th>
</tr>
</thead>
<tbody>
<tr>
<td>40°</td>
<td>35°F</td>
<td>40°</td>
<td>35°F</td>
<td>44°</td>
<td>34°F</td>
<td>40°</td>
</tr>
</tbody>
</table>

- Cloudy
- AM Showers
- 0.07 in
- Cloudy
- AM Showers
- 0.06 in
- Cloudy
- 0 in
- Cloudy/Wind
- 0.2 in
- Showers
- 0.1 in
- Cloudy
- 0 in
- Cloudy
- 0 in
Flight Collection Plan for July 22, 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