Date: 2022-08-10
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: 13

Report Author: Abe
Lidar Operators: Abe
Spectrometer Operators: Mike
Ground: Ian
Pilots: Jeremy, Vince

Flight Hours: 00:00
Hours until maintenance: 75.93

Summary
Rain and low overcast again today, no flights were conducted. The next couple of days forecast shows some improvement at the TOOL site.

Concerns
None

Comments
-Raids 12 and 13 were packed up today and will go with Abe to be shipped from San Diego. Thanks Abe!
-The battery in the FBO GPS was swapped out today.
-Field training of the new ASO started today, he shows some promise...

Cumulative Domain Coverage

D18|BARR_P1 (Barrow Environmental Observatory Priority 1 )

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flown:</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Green:</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Yellow:</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Red:</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
</tbody>
</table>

D18|BARR_P2 (Barrow Environmental Observatory Priority 2 )

<table>
<thead>
<tr>
<th></th>
<th>36</th>
<th>37</th>
<th>38</th>
<th>39</th>
<th>40</th>
<th>41</th>
<th>42</th>
<th>43</th>
<th>44</th>
<th>45</th>
<th>46</th>
<th>47</th>
<th>48</th>
<th>49</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flown:</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Green:</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Yellow:</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Red:</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
</tbody>
</table>
D18|BARR_P3 ()

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

D18|N18A (D18 Nominal Runway)

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

D18|OKSR (Oksrukuyik Creek )

Flown: 0% (0/21)
Green: 0% (0/21)
Yellow: 0% (0/21)
Red: 0% (0/21)

D18|TOOL (Toolik )

Flown: 86% (44/51)
Green: 0% (0/51)
Yellow: 0% (0/51)
Red: 86% (44/51)

Weather Forecast
Deadhorse, AK (FBO)

Galbraith Lake, AK (TOOL)
Flight Collection Plan for 11 August 2022

**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: 2000 UTC / 1200 L (30deg)

**Flyority 1/2** Collection Area: Toolik Lake (TOOL)
Flight Plan Name: D18_TOOL_C1_P1_v3_PRM.xml
On-station Time: 1900 UTC / 1100 L (30deg)

**Flyority 3**
Collection Area: Oksrukuyik Creek (OKSR)
Flight Plan Name: D18_OKSR_A1_P1_v2_PRM
On-station Time: 1900 UTC / 1100 L (30deg)

**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: 2000 UTC / 1200 L (30deg)

**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: 2000 UTC / 1200 L (30deg)

**Crew:** Mike (Lidar), Ian (NIS)