Date: 2024-07-18
Flight Campaign ID: P1C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK
Aircraft: N615AR

Domain: 19 (Taiga)
Sites Flown: none
Days left in Domain: 12

Report Author: Mike
Lidar Operators: Mike  Flight Hours: 0.00
Spectrometer Operators: Abe  Hours until maintenance: 99.82
Pilots: Will, Jeff  GPS Instruments: none

Summary
Another day of low cumulus and scattered showers, no flights today. Crew is hopeful the forecasted clearing trend comes to fruition.

Concerns
None.

Comments
None.

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed )

Flown: 46% (21/46)
Green: 0% (0/46)
Yellow: 20% (9/46)
Red: 26% (12/46)

D19|DEJU (Delta Junction)

Flown: 81% (17/21)
Green: 33% (7/21)
Yellow: 48% (10/21)
Red: 0% (0/21)
D19|HEAL (Healy)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 2  |
| 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 |

Flown: 0% (0/33)
Green: 0% (0/33)
Yellow: 0% (0/33)
Red: 0% (0/33)

D19|N19A (D19 Nominal Runway)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

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

**Weather Forecast**

**Fairbanks, AK (BONA)**

<table>
<thead>
<tr>
<th>Fri 7/19</th>
<th>Sat 7/20</th>
<th>Sun 7/21</th>
<th>Mon 7/22</th>
<th>Tue 7/23</th>
<th>Wed 7/24</th>
<th>Thu 7/25</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunny</td>
<td>Mostly Sunny</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Few Showers</td>
</tr>
<tr>
<td>73°</td>
<td>50°F</td>
<td>78°</td>
<td>52°F</td>
<td>82°</td>
<td>56°F</td>
<td>87°</td>
</tr>
<tr>
<td>0 in</td>
<td>0 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>

**Healy, AK (HEAL)**

<table>
<thead>
<tr>
<th>Fri 7/19</th>
<th>Sat 7/20</th>
<th>Sun 7/21</th>
<th>Mon 7/22</th>
<th>Tue 7/23</th>
<th>Wed 7/24</th>
<th>Thu 7/25</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Showers</td>
</tr>
<tr>
<td>69°</td>
<td>44°F</td>
<td>74°</td>
<td>49°F</td>
<td>77°</td>
<td>53°F</td>
<td>81°</td>
</tr>
<tr>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.02 in</td>
<td>0.27 in</td>
</tr>
</tbody>
</table>
Delta Junction, AK (DEJU)

<table>
<thead>
<tr>
<th>Date</th>
<th>Weather</th>
<th>Temp 1</th>
<th>Temp 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fri 7/19</td>
<td>Sunny</td>
<td>72°</td>
<td>51°F</td>
</tr>
<tr>
<td>Sat 7/20</td>
<td>Sunny</td>
<td>77°</td>
<td>54°F</td>
</tr>
<tr>
<td>Sun 7/21</td>
<td>Sunny</td>
<td>80°</td>
<td>56°F</td>
</tr>
<tr>
<td>Mon 7/22</td>
<td>Mostly Sunny</td>
<td>83°</td>
<td>60°F</td>
</tr>
<tr>
<td>Tue 7/23</td>
<td>Partly Cloudy</td>
<td>84°</td>
<td>62°F</td>
</tr>
<tr>
<td>Wed 7/24</td>
<td>Partly Cloudy</td>
<td>81°</td>
<td>61°F</td>
</tr>
<tr>
<td>Thu 7/25</td>
<td>Showers</td>
<td>72°</td>
<td>55°F</td>
</tr>
</tbody>
</table>

Source: wunderground.com

Flight Collection Plan for 19 July 2024

Flyority 1
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_v2_PRM.xml
On-Station Time: 10:30 L / 18:30 UTC

Flyority 2
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_v2_PRM.xml
On-Station Time: 10:30 L / 18:30 UTC

Flyority 3
Collection Area: Delta Junction (DEJU) – Priority Flight Box 1 *(lines 9-10 if green)
Flight Plan Name: D19_DEJU_R1_P1_P2_v6_PRM.xml
On-Station Time: 10:20 L / 18:20 UTC

Flyority 4
Collection Area: Delta Junction (DEJU) – Priority Flight Box 2
Flight Plan Name: D19_DEJU_R1_P1_P2_v6_PRM.xml
On-Station Time: 10:20 L / 18:20 UTC

Flyority 5
Collection Area: Nominal Runway – D19
Flight Plan Name: D19_N19A_Nominal_Runway_Test_v2_PRM.xml

Crew: Abe (Lidar), Mike (NIS)