Date: 2024-07-01
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: 29

Report Author: Abe
Lidar Operators: Abe
Flight Hours: 00:00
Spectrometer Operators: Mike
Hours until maintenance: 106.83
Pilots: Vince, Cody

Summary
Light rain was persistent throughout the region today. No collection flights were made. The rain dramatically helped the smoke/wildfire situation.

Concerns
None

Comments
-The Otter was towed out of the hangar today and the engines were run. This was a preventative maintenance measure, and all was well. The otter is ready for our next flight whenever mother nature decides to give us a favorable day.

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed)

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Flown: 0% (0/46)
Green: 0% (0/46)
Yellow: 0% (0/46)
Red: 0% (0/46)

D19|DEJU (Delta Junction)

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

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  
| 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)

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</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></th>
<th>Tue 7/2</th>
<th>Wed 7/3</th>
<th>Thu 7/4</th>
<th>Fri 7/5</th>
<th>Sat 7/6</th>
<th>Sun 7/7</th>
<th>Mon 7/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>77°</td>
<td>69°</td>
<td>68°</td>
<td>73°</td>
<td>64°</td>
<td>73°</td>
<td>71°</td>
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<tr>
<td>Cond</td>
<td>Cloudy</td>
<td>Cloudy</td>
<td>Rain</td>
<td>Rain</td>
<td>Showers</td>
<td>AM Showers</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Precip</td>
<td>0 in</td>
<td>0.2 in</td>
<td>0.74 in</td>
<td>0.28 in</td>
<td>0.33 in</td>
<td>0.03 in</td>
<td>0.01 in</td>
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**Delta Junction, AK (DEJU)**

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<thead>
<tr>
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<th>Mon 7/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>72°</td>
<td>67°</td>
<td>60°</td>
<td>63°</td>
<td>65°</td>
<td>66°</td>
<td>71°</td>
</tr>
<tr>
<td>Cond</td>
<td>AM Showers</td>
<td>Cloudy</td>
<td>Showers</td>
<td>Showers</td>
<td>PM Showers</td>
<td>Cloudy</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Precip</td>
<td>0.04 in</td>
<td>0.14 in</td>
<td>0.37 in</td>
<td>0.08 in</td>
<td>0.04 in</td>
<td>0 in</td>
<td>0.2 in</td>
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**Healy, AK (HEAL)**

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<th>Sun 7/7</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>71°</td>
<td>71°</td>
<td>57°</td>
<td>71°</td>
<td>58°</td>
<td>59°</td>
<td>71°</td>
</tr>
<tr>
<td>Cond</td>
<td>Mostly Cloudy</td>
<td>PM Showers</td>
<td>Rain</td>
<td>Showers</td>
<td>Showers</td>
<td>AM Showers</td>
<td>Mostly Cloudy</td>
</tr>
<tr>
<td>Precip</td>
<td>0 in</td>
<td>0.26 in</td>
<td>0.7 in</td>
<td>0.26 in</td>
<td>0.25 in</td>
<td>0.01 in</td>
<td>0.06 in</td>
</tr>
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</table>

source: wunderground.com
Flight Collection Plan for 02 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: 10:10 L / 18:10 UTC

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

Flyority 3
Collection Area: Delta Junction (DEJU) – Priority Flight Box 1
Flight Plan Name: D19_DEJU_R1_P1_P2_v6_PRM.xml
On-Station Time: 10:00 L / 18:00 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: 10:00 L / 18:00 UTC

Flyority 3
Collection Area: Nominal Runway – D19
Flight Plan Name: D19_N19A_Nominal_Runway_Test_v2_PRM.xml

Crew: Mike (Lidar), Abe (NIS)