Date: 2024-06-28
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: 32

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

Summary
Another round of clouds and smoke today. No flights were conducted.

Concerns
- The Axe ground readout is intermittently erroneous. The AOP Lab has been notified and a temporary work around has been agreed upon.

Comments
- Pilot display USB cable arrived from HQ and was installed this afternoon.
- Mike arrives in D19 tonight.

Daily Coverage

Estimated Cloud Cover Key
- Green: 0-10%
- Yellow: 11-50%
- Red: >50%

Solar Angle Less Than 40 degrees

Flight Screenshots: None

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>Line #</th>
<th>Flown: 0% (0/46)</th>
<th>Green: 0% (0/46)</th>
<th>Yellow: 0% (0/46)</th>
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D19|DEJU (Delta Junction)

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#21
Flown: 33% (7/21)
Green: 0% (0/21)
Yellow: 33% (7/21)
Red: 0% (0/21)

D19|HEAL (Healy)

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#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>Sat 6/29</th>
<th>Sun 6/30</th>
<th>Mon 7/1</th>
<th>Tue 7/2</th>
<th>Wed 7/3</th>
<th>Thu 7/4</th>
<th>Fri 7/5</th>
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<tbody>
<tr>
<td>83°</td>
<td>60°F</td>
<td>86°</td>
<td>63°F</td>
<td>79°</td>
<td>59°F</td>
<td>80°</td>
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AM Clouds/PM Partly Cloudy Partly Cloudy Partly Cloudy Partly Cloudy Showers Showers
Sun 0 in 0 in 0 in 0 in 0.06 in 0.41 in 0.26 in

Delta Junction, AK (DEJU)

<table>
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<tr>
<th>Sat 6/29</th>
<th>Sun 6/30</th>
<th>Mon 7/1</th>
<th>Tue 7/2</th>
<th>Wed 7/3</th>
<th>Thu 7/4</th>
<th>Fri 7/5</th>
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</thead>
<tbody>
<tr>
<td>81°</td>
<td>59°F</td>
<td>80°</td>
<td>59°F</td>
<td>72°</td>
<td>57°F</td>
<td>74°</td>
</tr>
</tbody>
</table>

Partly Cloudy Partly Cloudy Scattered AM Showers Mostly Cloudy Showers Showers
0 in 0.1 in 0.38 in 0.03 in 0.05 in 0.18 in 0.2 in

Temperature and precipitation forecast for Delta Junction and Fairbanks, AK (BONA).
Flight Collection Plan for 29 June 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: Abe (Lidar), Mike (NIS) Cam (Ground)