Payload 1 Daily Flight Report

Date: 2023-08-03  
Flight Campaign ID: P1C1  
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK  
Aircraft: N331AR

Domain: 19 (Taiga)  
Sites Flown: None  
Days left in Domain: 18

Report Author: Mike  
Lidar Operators: Mike  
Flight Hours: 00:00  
Spectrometer Operators: Cameron  
Hours until maintenance: 62.98  
Pilots: Jeff, Vince

Summary
Unfortunately smoke from fires across the Interior of Alaska concentrated around Fairbanks today. Hopefully it is short lived. However, there were also thick cirrostratus clouds across the larger region as well. The plane did not get airborne today as a result.

Concerns
- None

Comments
- None

Estimated Cloud Cover Key

Green: 0-10%  Yellow: 11-50%  Red: >50%

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_P1 (Delta Junction)

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Flown: 100% (9/9)  
Green: 100% (9/9)  
Yellow: 0% (0/9)  
Red: 0% (0/9)
D19|DEJU_P2 (Delta Junction)

Flown: 100% (10/10)
Green: 100% (10/10)
Yellow: 0% (0/10)
Red: 0% (0/10)

D19|HEAL (Healy)

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

Weather Forecast

Fairbanks, AK (BONA)

<table>
<thead>
<tr>
<th>Fri 8/4</th>
<th>Sat 8/5</th>
<th>Sun 8/6</th>
<th>Mon 8/7</th>
<th>Tue 8/8</th>
<th>Wed 8/9</th>
<th>Thu 8/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>81°</td>
<td>59°F</td>
<td>84°</td>
<td>59°F</td>
<td>83°</td>
<td>58°F</td>
<td>80°</td>
</tr>
<tr>
<td>AM Clouds/PM Sun</td>
<td>0 in</td>
<td>Partly Cloudy</td>
<td>0 in</td>
<td>Partly Cloudy</td>
<td>0 in</td>
<td>Partly Cloudy</td>
</tr>
</tbody>
</table>

Healy, AK (HEAL)

<table>
<thead>
<tr>
<th>Fri 8/4</th>
<th>Sat 8/5</th>
<th>Sun 8/6</th>
<th>Mon 8/7</th>
<th>Tue 8/8</th>
<th>Wed 8/9</th>
<th>Thu 8/10</th>
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<tbody>
<tr>
<td>75°</td>
<td>54°F</td>
<td>78°</td>
<td>56°F</td>
<td>75°</td>
<td>56°F</td>
<td>73°</td>
</tr>
<tr>
<td>Mostly Cloudy</td>
<td>0 in</td>
<td>Mostly Sunny</td>
<td>0 in</td>
<td>Partly Cloudy</td>
<td>0 in</td>
<td>Partly Cloudy</td>
</tr>
</tbody>
</table>

source: wunderground.com
Flight Collection Plan for 4 August 2023

Flyority 1
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_v1_PRM.xml
On-Station Time: 11:10 L / 19:10 UTC

Flyority 2
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_v1_PRM.xml
On-Station Time: 11:10 L / 19:10 UTC

Crew: Cameron (Lidar), Mike (NIS)