Payload 1 Daily Flight Report

Date: 2023-08-14  
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: 7

Report Author: Abe  
Lidar Operators: Abe  
Flight Hours: 00:00  
Spectrometer Operators: Elissa  
Hours until maintenance: 56.85  
Pilots: Jeff, Vince  
Ground Crew: John

Summary
Low clouds and intermittent rain at the BONA site today kept the crew on the ground. No collections were made.

Concerns
None

Comments
- The pilots made some good coordination with the authorities administering the fire TFR around the BONA site. It appears as though we will be able to collect the entire box now when the weather allows us up there.

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed )

| 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 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 |

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

D19|DEJU_P1 (Delta Junction)

<table>
<thead>
<tr>
<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>
</tr>
</thead>
</table>

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: 100% (33/33)
Green: 0% (0/33)
Yellow: 0% (0/33)
Red: 100% (33/33)

Weather Forecast

<table>
<thead>
<tr>
<th></th>
<th>Cloud Cover (%)</th>
<th>Chance of Precip. (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue 8/15</td>
<td>71°</td>
<td>49°F</td>
</tr>
<tr>
<td>Wed 8/16</td>
<td>69°</td>
<td>51°F</td>
</tr>
<tr>
<td>Thu 8/17</td>
<td>61°</td>
<td>51°F</td>
</tr>
<tr>
<td>Fri 8/18</td>
<td>61°</td>
<td>49°F</td>
</tr>
<tr>
<td>Sat 8/19</td>
<td>67°</td>
<td>49°F</td>
</tr>
<tr>
<td>Sun 8/20</td>
<td>66°</td>
<td>49°F</td>
</tr>
<tr>
<td>Mon 8/21</td>
<td>60°</td>
<td>49°F</td>
</tr>
</tbody>
</table>

Source: wunderground.com

Flight Collection Plan for 15 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: 11:50 L / 19:50 UTC

Flyority 2
Collection Area: Healy (HEAL) **If “green” sky conditions**
Flight Plan Name: D19_HEAL_R3_P1_v1_PRM.xml
On-Station Time: 11:40 L / 19:40 UTC

Crew: Elissa (Lidar), Abe (NIS)