Payload 3 Daily Flight Report

Date: 2021-08-07
Flight Campaign ID: P3C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK
Aircraft: N615AR

Domain: 19 (Taiga)
Sites Flown: None
Days left in Domain: 10

Report Author: Cameron Chapman
Lidar Operators: Cameron Chapman
SpectrometerOperators: Michael Wussow
Pilots: Stephen Brawders, Vince Maarschalkerweerd

Flight Hours: 00:00
Hours until maintenance: 82.60
GPS Instruments: None

Summary
Low clouds and rainshowers today. No flights were attempted.

Concerns
None

Comments
- RAID 2021_P3C1_11 was shipped back to the Denver data center.

Daily Coverage

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

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed )

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Flown: 100% (46/46)
Green: 28% (13/46)
Yellow: 46% (21/46)
Red: 26% (12/46)
### Delta Junction, AK (DEJU)

<table>
<thead>
<tr>
<th></th>
<th>Sun 8/8</th>
<th>Mon 8/9</th>
<th>Tue 8/10</th>
<th>Wed 8/11</th>
<th>Thu 8/12</th>
<th>Fri 8/13</th>
<th>Sat 8/14</th>
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<tbody>
<tr>
<td>Temperature</td>
<td><strong>65°</strong></td>
<td><strong>63°</strong></td>
<td><strong>60°</strong></td>
<td><strong>64°</strong></td>
<td><strong>59°</strong></td>
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<td><strong>63°</strong></td>
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<tr>
<td>Precipitation</td>
<td>PM Rain 0.52 in</td>
<td>AM Showers 0.07 in</td>
<td>Showers 0.15 in</td>
<td>AM Showers 0.1 in</td>
<td>Showers 0.13 in</td>
<td>Cloudy 0 in</td>
<td>Partly Cloudy 0 in</td>
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### Weather Forecast

**Fairbanks, AK (PAFA, BONA)**

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<tr>
<td>Temperature</td>
<td><strong>62°</strong></td>
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<td><strong>57°</strong></td>
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<td><strong>61°</strong></td>
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<tr>
<td>Precipitation</td>
<td>Cloudy 0.21 in</td>
<td>AM Showers 0.03 in</td>
<td>Showers 0.11 in</td>
<td>Mostly Cloudy 0.15 in</td>
<td>Showers 0.26 in</td>
<td>Showers 0.1 in</td>
<td>Mostly Cloudy 0.02 in</td>
</tr>
</tbody>
</table>

Source: wunderground.com
Flight Collection Plan for 8 August 2021

Flyority 1
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_v1_Q780
On-station Time: 1920 UTC / 1120 L
*Only if green conditions exist

Flyority 2
Collection Area: Delta Junction (DEJU) – Priority Flight Box 1 & 2*
Flight Plan Name: D19_DEJU_R1_P1_v5_Q780, D19_DEJU_R1_P2_v5_Q780
On-station Time: 1900UTC / 1100 L
*Only if green conditions exist

Crew: Mike (Lidar) , Cam (NIS)