Payload 3 Daily Flight Report

Date: 2021-07-29
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: 19

Report Author: Michael Wussow
Lidar Operators: Michael Wussow
Spectrometer Operators: John Adler
Pilots: Vince Maarschalkerweerd, Stephen Brawders
Ground Crew: Cameron Chapmans

Flight Hours: 0:00
Hours until maintenance: 95.6

Summary: The weather has improved however there were low clouds all over again today, but no rain. No data was collected. The outlook is on a positive trend.

Concerns: None

Comments:
- The Hotel Kit has been updated with the latest SVN update.
- Crew has reached out to D19 staff about BONA access for collecting lidar validation points.
- Cam arrived in D19 last night.

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed)

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Flown: 7% (3/46)
Green: 7% (3/46)
Yellow: 0% (0/46)
Red: 0% (0/46)

D19|DEJU (Delta Junction)

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Flown: 31% (10/32)
Green: 0% (0/32)
Yellow: 0% (0/32)
Red: 31% (10/32)
Flown: 79% (26/33)
Green: 70% (23/33)
Yellow: 9% (3/33)
Red: 0% (0/33)

Weather Forecast
Fairbanks, AK (PAFA, BONA)

<table>
<thead>
<tr>
<th>Fri 7/30</th>
<th>Sat 7/31</th>
<th>Sun 8/1</th>
<th>Mon 8/2</th>
<th>Tue 8/3</th>
<th>Wed 8/4</th>
<th>Thu 8/5</th>
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<tbody>
<tr>
<td>73°</td>
<td>53°F</td>
<td>79°</td>
<td>58°F</td>
<td>77°</td>
<td>59°F</td>
<td>79°</td>
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<tr>
<td>AM Clouds/PM Sun</td>
<td>Partially Cloudy</td>
<td>Cloudy</td>
<td>Partially Cloudy</td>
<td>Partly Cloudy</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
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<td>0 in</td>
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Healy, AK (HEAL)

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<tr>
<th>Fri 7/30</th>
<th>Sat 7/31</th>
<th>Sun 8/1</th>
<th>Mon 8/2</th>
<th>Tue 8/3</th>
<th>Wed 8/4</th>
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<tbody>
<tr>
<td>67°</td>
<td>50°F</td>
<td>69°</td>
<td>53°F</td>
<td>70°</td>
<td>54°F</td>
<td>73°</td>
</tr>
<tr>
<td>AM Clouds/PM Sun</td>
<td>Partially Cloudy</td>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>AM Showers</td>
<td>Mostly Sunny</td>
<td>PM Showers</td>
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Flight Collection Plan for 30 July 2021

Flyority 1
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_v1_Q780
On-station Time: 1900 UTC / 1100 L

Flyority 2
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_v1_Q780
On-station Time: 1900 UTC / 1100 L

Flyority 3
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: 1840 UTC / 1040 L

Crew: Cam (Lidar), Mike (NIS)