Payload 3 Daily Flight Report

Date: 2021-08-06
Flight Campaign ID: P3C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK
Aircraft: N615AR

Domain: 19 (Taiga)
Sites Flown: BONA (Caribou Creek and Poker Flats Watershed)
Days left in Domain: 11

Report Author: Michael Wussow
Lidar Operators: Michael Wussow
Spectrometer Operators: Cameron Chapman
Flights: Stephen Brawders, Vince Maarschalkerweerd
GPS Instruments: None
Flight Hours: 00:00
Hours until maintenance: 82.6

Summary
Rain and low clouds moved into the Interior today and no flights were conducted. Time was spent catching up on Hotel Kit activities and determining D18 survey possibilities.

Concerns
None

Comments
P3C1_RAID_11 was prepared for shipping, P3C1_RAID_12 was created, and flight 2021080421 extracted.

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)

D19| DEJU (Delta Junction)

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Flown: 100% (21/21)
Green: 0% (0/21)
Yellow: 52% (11/21)
Red: 48% (10/21)
Weather Forecast

Fairbanks, AK (PAFA, BONA)

<table>
<thead>
<tr>
<th></th>
<th>Sat 8/7</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>
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<tbody>
<tr>
<td>Temperature</td>
<td>64°</td>
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<td>61°</td>
<td>62°</td>
<td>64°</td>
<td>61°</td>
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<tr>
<td>Cloud Cover (%)</td>
<td>0.07 in</td>
<td>0.63 in</td>
<td>0.11 in</td>
<td>0.14 in</td>
<td>0.08 in</td>
<td>0.03 in</td>
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<tr>
<td>Chance of Precip. (%)</td>
<td>Showers</td>
<td>PM Rain</td>
<td>Showers</td>
<td>Showers</td>
<td>Showers</td>
<td>AM Showers</td>
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Source: wunderground.com

Delta Junction, AK (DEJU)

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<td>Temperature</td>
<td>60°</td>
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<td>63°</td>
<td>62°</td>
<td>63°</td>
<td>60°</td>
<td>60°</td>
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<tr>
<td>Cloud Cover (%)</td>
<td>0.35 in</td>
<td>0.22 in</td>
<td>AM Showers</td>
<td>AM Showers</td>
<td>Mostly Cloudy</td>
<td>Showers</td>
<td>AM Showers</td>
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<tr>
<td>Chance of Precip. (%)</td>
<td>Light Rain</td>
<td>Cloudy</td>
<td>AM Showers</td>
<td>AM Showers</td>
<td>Showers</td>
<td>AM Showers</td>
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Source: wunderground.com
Flight Collection Plan for 7 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: Cam (NIS) Mike (Lidar)