Payload 3 Daily Flight Report

Date: 2021-07-27
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: 21

Report Author: Michael Wussow
Lidar Operators: Michael Wussow
Spectrometer Operators: John Adler
Pilots: Vince Maarschalkerweerd, Stephen Brawders
Ground Crew: None

Flight Hours: 0:00
Hours until maintenance: 95.6

Summary: Low clouds in the morning turned into rain and no flights were conducted.

Concerns: None
Comments: None

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>D19</th>
<th>BONA (Caribou Creek and Poker Flats Watershed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
</tr>
<tr>
<td>41</td>
<td>42</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>D19</th>
<th>DEJU (Delta Junction)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
</tr>
</tbody>
</table>

Flown: 31% (10/32)
Green: 0% (0/32)
Yellow: 0% (0/32)
Red: 31% (10/32)
Healy, AK (HEAL)

<table>
<thead>
<tr>
<th></th>
<th>Wed 7/28</th>
<th>Thu 7/29</th>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>AM Light Rain</td>
<td>Partly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td></td>
<td>0.07 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
<tr>
<td>Temp</td>
<td>62°</td>
<td>49°F</td>
<td>66°</td>
<td>49°F</td>
<td>65°</td>
<td>50°F</td>
<td>68°</td>
</tr>
</tbody>
</table>

Weather Forecast
Fairbanks, AK (PAFA, BONA)

<table>
<thead>
<tr>
<th></th>
<th>Wed 7/28</th>
<th>Thu 7/29</th>
<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>61°</td>
<td>53°F</td>
<td>72°</td>
<td>53°F</td>
<td>69°</td>
<td>52°F</td>
<td>76°</td>
</tr>
<tr>
<td>Cond</td>
<td>Showers</td>
<td>Partly Cloudy</td>
<td>Cloudy</td>
<td>Mostly Cloudy</td>
<td>AM Clouds/PM</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td></td>
<td>0.12 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>Sun 0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

Flown: 79% (26/33)
Green: 70% (23/33)
Yellow: 9% (3/33)
Red: 0% (0/33)
Flight Collection Plan for 28 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: John (Lidar), Mike (NIS)