Payload 3 Daily Flight Report

Date: 2021-08-11  
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: 7

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

Summary
Skies at Delta Junction were watched closely today, but cloud free conditions did not materialize, and no flights were conducted.

Concerns
None

Comments
None

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: 100% (46/46)  
Green: 28% (13/46)  
Yellow: 46% (21/46)  
Red: 26% (12/46)

D19|DEJU (Delta Junction)

|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: 100% (21/21)  
Green: 0% (0/21)  
Yellow: 52% (11/21)  
Red: 48% (10/21)
Flown: 100% (33/33)
Green: 100% (33/33)
Yellow: 0% (0/33)
Red: 0% (0/33)

Weather Forecast

Fairbanks, AK (PAFA, BONA)

<table>
<thead>
<tr>
<th>Thu 8/12</th>
<th>Fri 8/13</th>
<th>Sat 8/14</th>
<th>Sun 8/15</th>
<th>Mon 8/16</th>
<th>Tue 8/17</th>
<th>Wed 8/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>58°</td>
<td>46°F</td>
<td>59°</td>
<td>41°F</td>
<td>58°</td>
<td>44°F</td>
<td>55°</td>
</tr>
<tr>
<td>Showers</td>
<td>AM Clouds/PM Sun</td>
<td>Mostly Cloudy</td>
<td>Showers</td>
<td>AM Showers</td>
<td>AM Showers</td>
<td>Showers</td>
</tr>
<tr>
<td>0.1 in</td>
<td>0 in</td>
<td>0.02 in</td>
<td>0.19 in</td>
<td>0.17 in</td>
<td>0.06 in</td>
<td>0.17 in</td>
</tr>
</tbody>
</table>

Delta Junction, AK (DEJU)

<table>
<thead>
<tr>
<th>Thu 8/12</th>
<th>Fri 8/13</th>
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<th>Tue 8/17</th>
<th>Wed 8/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>65°</td>
<td>47°F</td>
<td>57°</td>
<td>44°F</td>
<td>57°</td>
<td>44°F</td>
<td>61°</td>
</tr>
<tr>
<td>PM Showers</td>
<td>AM Light Rain</td>
<td>Mostly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Showers</td>
</tr>
<tr>
<td>0.27 in</td>
<td>0.04 in</td>
<td>0 in</td>
<td>0.02 in</td>
<td>0 in</td>
<td>0.06 in</td>
<td>0.26 in</td>
</tr>
</tbody>
</table>

source: wunderground.com
Flight Collection Plan for 12 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: 1900 UTC / 1100 L
*Only if green conditions exist

Crew: Mike (NIS) Cam (Lidar)