July 30, 2018 Payload 2 Daily Flight Report

Date: 2018-07-30
Flight Campaign ID: 2018_P2C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK

Domain: 19
Sites Flown: None
Days left in Domain: 23

Report Author: Ivana Vu
Flight Crew: None
Ground/GPS: John Adler
Pilots: Mike Francis, Hans Germann
Additional Personnel: None
GPS Instruments: None

Flight Hours: 00:00
Hours until maintenance: 61.47

Summary
Today was a scheduled no-fly day and data collection flights will continue tomorrow.

Concerns
None

Comments
Heather Rogers and Mitch Haynes arrived in D19; Mike Wussow departed last night and John Adler departs tomorrow

Cumulative Domain Coverage

|        | 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 |
|--------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| BONA   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| DEJU   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| HEAL   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Flown: 26% (12/46)
Green: 0% (0/46)
Yellow: 0% (0/46)
Red: 28% (13/46)

Flown: 84% (27/32)
Green: 44% (14/32)
Yellow: 0% (0/32)
Red: 44% (14/32)

Flown: 39% (13/33)
Green: 36% (12/33)
Yellow: 3% (1/33)
Red: 21% (7/33)
N19A

Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

Weather Forecast

Fairbanks, AK (FBO, BONA)

<table>
<thead>
<tr>
<th>Tue 7/31</th>
<th>Wed 8/1</th>
<th>Thu 8/2</th>
<th>Fri 8/3</th>
<th>Sat 8/4</th>
<th>Sun 8/5</th>
</tr>
</thead>
<tbody>
<tr>
<td>84°</td>
<td>50° F</td>
<td>69°</td>
<td>54° F</td>
<td>71°</td>
<td>53° F</td>
</tr>
<tr>
<td>Partly Cloudy</td>
<td>PM Rain</td>
<td>Mostly Cloudy</td>
<td>Rain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.1 in</td>
<td>0.04 in</td>
<td>0 in</td>
<td>0.05 in</td>
<td>0.31 in</td>
<td></td>
</tr>
</tbody>
</table>

Delta Junction, AK (DEJU)

<table>
<thead>
<tr>
<th>Tue 7/31</th>
<th>Wed 8/1</th>
<th>Thu 8/2</th>
<th>Fri 8/3</th>
<th>Sat 8/4</th>
<th>Sun 8/5</th>
</tr>
</thead>
<tbody>
<tr>
<td>82°</td>
<td>59° F</td>
<td>74°</td>
<td>54° F</td>
<td>70°</td>
<td>54° F</td>
</tr>
<tr>
<td>Partly Cloudy</td>
<td>PM Light Rain</td>
<td>AM Clouds/PM Sun</td>
<td>Cloudy</td>
<td>Showers</td>
<td></td>
</tr>
<tr>
<td>0 in</td>
<td>0.11 in</td>
<td>0.01 in</td>
<td>0 in</td>
<td>0.28 in</td>
<td></td>
</tr>
</tbody>
</table>

Healy, AK (HEAL)

<table>
<thead>
<tr>
<th>Tue 7/31</th>
<th>Wed 8/1</th>
<th>Thu 8/2</th>
<th>Fri 8/3</th>
<th>Sat 8/4</th>
<th>Sun 8/5</th>
</tr>
</thead>
<tbody>
<tr>
<td>81°</td>
<td>56° F</td>
<td>65°</td>
<td>51° F</td>
<td>67°</td>
<td>51° F</td>
</tr>
<tr>
<td>Mostly Sunny</td>
<td>Light Rain</td>
<td>AM Clouds/PM Sun</td>
<td>Cloudy</td>
<td>PM Showers</td>
<td>Rain</td>
</tr>
<tr>
<td>0 in</td>
<td>0.15 in</td>
<td>0.05 in</td>
<td>0 in</td>
<td>0.09 in</td>
<td>0.34 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 31 July 2018

**Flyority 1:**
Collection Area: Delta Junction (DEJU)
Flight Plan Name: D19_DEJU_R1_P1_730max_v2.pln
On-station Time: 1850 UTC / 1050 L

**Flyority 2:**
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_730max_v2.pln
On-station Time: 1910 UTC / 1110 L

**Flyority 3:**
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_730max_v1.pln
On-station Time: 1910 UTC / 1110 L

*Crew*: Ivana Vu (Lidar), Heather Rogers (NIS), Mitch Haynes (Ground/GPS)

Flight Collection Plan for 01 August 2018

**Flyority**: Same as previous day

*Crew*: Mitch Haynes (Lidar), Ivana Vu (NIS), Heather Rogers (Ground/GPS)