August 12, 2018 Payload 2 Daily Flight Report

**Date:** 2018-08-12  
**Flight Campaign ID:** 2018_P2C1  
**Airport, FBO ID, City:** Fairbanks International Airport (PAFA) - Fairbanks, AK

**Domain:** 19  
**Sites Flown:** None  
**Days left in Domain:** 11

**Report Author:** Robb Walker  
**Flight Crew:** Robb Walker, Heather Rogers  
**Flight Hours:** 00:00  
**Ground/GPS:** John Adler  
**Hours until maintenance:** 49.43  
**Pilots:** Dylan Malfatti, Mike Francis  
**Additional Personnel:** None  
**GPS Instruments:** n/a

**Summary**
Cloud cover and rain showers over the region today. No flights attempted.

**Concerns**
None

**Comments**
Flight 2018081118 extracting today and 2018081017 completed second extraction.

**Cumulative Domain Coverage**

**BONA**

Flown: 100% (46/46)  
Green: 0% (0/46)  
Yellow: 24% (11/46)  
Red: 83% (38/46)

**DEJU**

Flown: 100% (32/32)  
Green: 44% (14/32)  
Yellow: 0% (0/32)  
Red: 62% (20/32)
# HEAL

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<th>18</th>
<th>19</th>
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<tbody>
<tr>
<td>Flown:</td>
<td>100% (33/33)</td>
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<td>Green:</td>
<td>36% (12/33)</td>
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<td>Yellow:</td>
<td>67% (22/33)</td>
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<td>Red:</td>
<td>21% (7/33)</td>
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# N19A

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<thead>
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<tbody>
<tr>
<td>Flown:</td>
<td>100% (1/1)</td>
</tr>
<tr>
<td>Green:</td>
<td>0% (0/1)</td>
</tr>
<tr>
<td>Yellow:</td>
<td>0% (0/1)</td>
</tr>
<tr>
<td>Red:</td>
<td>100% (1/1)</td>
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## Weather Forecast

### Fairbanks, AK

<table>
<thead>
<tr>
<th></th>
<th>Mon 8/13</th>
<th>Tue 8/14</th>
<th>Wed 8/15</th>
<th>Thu 8/16</th>
<th>Fri 8/17</th>
<th>Sat 8/18</th>
<th>Sun 8/19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>63°</td>
<td>53°</td>
<td>60°</td>
<td>58°</td>
<td>61°</td>
<td>66°</td>
<td>66°</td>
</tr>
<tr>
<td>Cond.</td>
<td>Cloudy</td>
<td>Light Rain</td>
<td>Partly Cloudy</td>
<td>Cloudy</td>
<td>AM Showers</td>
<td>AM Showers</td>
<td>Mostly Cloudy</td>
</tr>
<tr>
<td>Precip.</td>
<td>0.41 in</td>
<td>0.2 in</td>
<td>0 in</td>
<td>0.07 in</td>
<td>0.16 in</td>
<td>0.02 in</td>
<td>0 in</td>
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### Delta Junction, AK

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<thead>
<tr>
<th></th>
<th>Mon 8/13</th>
<th>Tue 8/14</th>
<th>Wed 8/15</th>
<th>Thu 8/16</th>
<th>Fri 8/17</th>
<th>Sat 8/18</th>
<th>Sun 8/19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>65°</td>
<td>56°</td>
<td>61°</td>
<td>58°</td>
<td>61°</td>
<td>65°</td>
<td>64°</td>
</tr>
<tr>
<td>Cond.</td>
<td>Mostly Cloudy</td>
<td>PM Showers</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>PM Showers</td>
</tr>
<tr>
<td>Precip.</td>
<td>0.03 in</td>
<td>0.12 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.06 in</td>
</tr>
</tbody>
</table>
**Flight Collection Plan for 13 August 2018**

**Flyority 1:**
Collection Area: Delta Junction (DEJU), *if sky conditions are green*
Flight Plan Name: D19_DEJU_R1_P1_730max_v2.pln
On-station Time: 1920 UTC / 1120 L

**Flyority 2:**
Collection Area: Caribou Creek – Poker Flats Watershed (BONA), *if sky conditions are green*
Flight Plan Name: D19_BONA_C1_P1_730max_v2.pln
On-station Time: 1950 UTC / 1140 L

**Flyority 3:**
Collection Area: Healy (HEAL), *if sky conditions are green*
Flight Plan Name: D19_HEAL_R3_P1_730max_v1.pln
On-station Time: 1930 UTC / 1130 L
Crew: John Adler (Lidar), Robb Walker (NIS), Heather Rodgers (Ground/GPS)

**Flight Collection Plan for 14 August 2018**
No flights planned. NEON Crew rotation day.