Payload 1 Daily Flight Report

Date: 2024-07-16
Flight Campaign ID: P1C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK
Aircraft: N615AR

Domain: 19 (Taiga)
Sites Flown: none
Days left in Domain: 14

Report Author: Mike
Lidar Operators: Mike
Spectrometer Operators: Abe
Pilots: Will, Jeff
Flight Hours: 0.00
Hours until maintenance: 99.82
GPS Instruments: none

Summary
Thick clouds and scattered showers blanketed the region today and no flights were performed.

Concerns
None.

Comments
A replacement Lantronix and pilot display have been shipped to us to help address the ongoing issues. These will be installed when received.

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: 46% (21/46)
Green: 0% (0/46)
Yellow: 20% (9/46)
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 |

Flown: 81% (17/21)
Green: 33% (7/21)
Yellow: 48% (10/21)
Red: 0% (0/21)
D19|HEAL (Healy)

| 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|

Flown: 0% (0/33)
Green: 0% (0/33)
Yellow: 0% (0/33)
Red: 0% (0/33)

D19|N19A (D19 Nominal Runway)

| 1 | 2 |

Flown: 0% (0/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 0% (0/2)

Weather Forecast
Fairbanks, AK (BONA)

<table>
<thead>
<tr>
<th></th>
<th>Wed 7/17</th>
<th>Thu 7/18</th>
<th>Fri 7/19</th>
<th>Sat 7/20</th>
<th>Sun 7/21</th>
<th>Mon 7/22</th>
<th>Tue 7/23</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>64°</td>
<td>48°F</td>
<td>66°</td>
<td>46°F</td>
<td>74°</td>
<td>50°F</td>
<td>77°</td>
</tr>
<tr>
<td></td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td></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>
<td>0.01 in</td>
</tr>
</tbody>
</table>

Healy, AK (HEAL)

<table>
<thead>
<tr>
<th></th>
<th>Wed 7/17</th>
<th>Thu 7/18</th>
<th>Fri 7/19</th>
<th>Sat 7/20</th>
<th>Sun 7/21</th>
<th>Mon 7/22</th>
<th>Tue 7/23</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>58°</td>
<td>43°F</td>
<td>60°</td>
<td>40°F</td>
<td>68°</td>
<td>46°F</td>
<td>72°</td>
</tr>
<tr>
<td></td>
<td>PM Light Rain</td>
<td>AM Showers</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
<td>Showers</td>
</tr>
<tr>
<td></td>
<td>0.2 in</td>
<td>0.02 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.04 in</td>
<td>0.14 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 17 July 2024

Flyority 1
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_v2_PRM.xml
On-Station Time: 10:30 L / 18:30 UTC

Flyority 2
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_v2_PRM.xml
On-Station Time: 10:30 L / 18:30 UTC

Flyority 3
Collection Area: Delta Junction (DEJU) – Priority Flight Box 1 *(lines 9-10 if green)
Flight Plan Name: D19_DEJU_R1_P1_P2_v6_PRM.xml
On-Station Time: 10:20 L / 18:20 UTC

Flyority 4
Collection Area: Delta Junction (DEJU) – Priority Flight Box 2
Flight Plan Name: D19_DEJU_R1_P1_P2_v6_PRM.xml
On-Station Time: 10:20 L / 18:20 UTC

Flyority 5
Collection Area: Nominal Runway – D19
Flight Plan Name: D19_N19A_Nominal_Runway_Test_v2_PRM.xml

Crew: Abe (Lidar), Mike (NIS)