Date: 2021-08-17  
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: 0  

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

Summary  
Poor weather continues to stick around Fairbanks. No flights were conducted today and now D19 collections are officially finished for 2021. Summary of collections in D19 are 100% coverage of all sites, with HEAL being completed in 100% green conditions and BONA and DEJU in mixed cloud cover ratings. Preparations were made for tomorrow’s departure from D19 Taiga to D14 Desert Southwest. Planned arrival is Friday August 20th in Tucson.  

Concerns  
None  

Comments  
-The payload was shut down in preparation for the transit.  
-Support equipment was shipped to D14. Expected arrival is Friday in Tucson.  
-RAID_11_2 and RAID_12 were shipped today.  

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 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  
Flown: 100% (21/21)  
Green: 0% (0/21)  
Yellow: 52% (11/21)  
Red: 48% (10/21)
D19|HEAL (Healy)

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
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<th>18</th>
<th>19</th>
<th>20</th>
</tr>
</thead>
</table>
| Flown: 100% (33/33)
Green: 100% (33/33)
Yellow: 0% (0/33)
Red: 0% (0/33)

Weather Forecast

**Fairbanks, AK**

<table>
<thead>
<tr>
<th>Wed 8/18</th>
<th>Thu 8/19</th>
</tr>
</thead>
<tbody>
<tr>
<td>58°F</td>
<td>41°F</td>
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Partly Cloudy
0 in

PM Showers
0.3 in

**Fort St. John, BC**

<table>
<thead>
<tr>
<th>Wed 8/18</th>
<th>Thu 8/19</th>
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<tbody>
<tr>
<td>67°F</td>
<td>50°F</td>
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</table>

Cloudy
0.02 in

Showers
0.06 in

**Tucson, AZ**

<table>
<thead>
<tr>
<th>Fri 8/20</th>
<th>Sat 8/21</th>
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</thead>
<tbody>
<tr>
<td>94°F</td>
<td>70°F</td>
</tr>
</tbody>
</table>

Sunny
0 in

Sunny
0 in

source: wunderground.com

Flight Collection Plan for 18 - 20 August 2021

Transit to D14
Crew: Mike