Date: 2023-08-04  
Flight Campaign ID: P1C1  
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK  
Aircraft: N331AR  
Domain: 19 (Taiga)  
Sites Flown: None  
Days left in Domain: 17

Report Author: Cameron  
Lidar Operators: Cameron  
Spectrometer Operators: Mike  
Flights: Jeff, Vince  
Flight Hours: 00:00  
Hours until maintenance: 62.98

Summary:
An overall cloudy day with smoke from nearby wildfires inundating the area. No flight was conducted.

Concerns
- None

Comments
- John is scheduled to arrive in Fairbanks this evening.

Daily Coverage
Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
</tr>
</thead>
</table>

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed)

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>32</td>
<td>33</td>
<td>34</td>
<td>35</td>
<td>36</td>
<td>37</td>
<td>38</td>
<td>39</td>
<td>40</td>
</tr>
<tr>
<td>41</td>
<td>42</td>
<td>43</td>
<td>44</td>
<td>45</td>
<td>46</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flown: 0% (0/46)  
Green: 0% (0/46)  
Yellow: 0% (0/46)  
Red: 0% (0/46)

D19|DEJU_P1 (Delta Junction)

<table>
<thead>
<tr>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flown: 100% (9/9)  
Green: 100% (9/9)  
Yellow: 0% (0/9)  
Red: 0% (0/9)

D19|DEJU_P2 (Delta Junction)
Weather Forecast

**Fairbanks, AK (BONA)**

<table>
<thead>
<tr>
<th>Sat 8/5</th>
<th>Sun 8/6</th>
<th>Mon 8/7</th>
<th>Tue 8/8</th>
<th>Wed 8/9</th>
<th>Thu 8/10</th>
<th>Fri 8/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>84°</td>
<td>57°F</td>
<td>82°</td>
<td>58°F</td>
<td>81°</td>
<td>58°F</td>
<td>74°</td>
</tr>
<tr>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>AM Showers</td>
<td>Scattered Thunderstorms</td>
<td>Showers</td>
<td>AM Showers</td>
</tr>
<tr>
<td>0 in</td>
<td>0 in</td>
<td>0.15 in</td>
<td>0.13 in</td>
<td>0.24 in</td>
<td>0.45 in</td>
<td>0.1 in</td>
</tr>
</tbody>
</table>

**Healy, AK (HEAL)**

<table>
<thead>
<tr>
<th>Sat 8/5</th>
<th>Sun 8/6</th>
<th>Mon 8/7</th>
<th>Tue 8/8</th>
<th>Wed 8/9</th>
<th>Thu 8/10</th>
<th>Fri 8/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>76°</td>
<td>55°F</td>
<td>74°</td>
<td>56°F</td>
<td>74°</td>
<td>52°F</td>
<td>69°</td>
</tr>
<tr>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
<td>Showers</td>
<td>Showers</td>
<td>Showers</td>
<td>Mostly Cloudy</td>
</tr>
<tr>
<td>0 in</td>
<td>0 in</td>
<td>0.21 in</td>
<td>0.16 in</td>
<td>0.31 in</td>
<td>0.19 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

source: wunderground.com
Flight Collection Plan for 5 August 2023

Flyority 1
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_v1_PRM.xml
On-Station Time: 11:10 L / 19:10 UTC

Flyority 2
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_v1_PRM.xml
On-Station Time: 11:10 L / 19:10 UTC

Crew: Mike (Lidar), John (NIS), Cam (Ground)

Flight Collection Plan for 6 August 2023

Flyority 1
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_v1_PRM.xml
On-Station Time: 11:10 L / 19:10 UTC

Flyority 2
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_v1_PRM.xml
On-Station Time: 11:10 L / 19:10 UTC

Crew: John (Lidar), Cam (NIS)