Date:  2024-06-27  
Flight Campaign ID:  P3C1  
Airport, FBO ID, City:  Wausau Downtown Airport (KAUW) - Wausau, WI  
Aircraft:  N821AR  

Domain:  05 (Great Lakes)  
Sites Flown:  None  
Days left in Domain:  18  

Report Author:  Mitch  
Lidar Operators:  Mitch  
Flight Hours:  00:00  
Spectrometer Operators:  Matt  
Hours until maintenance:  34.27  
Pilots:  Jeff, Shane  
Ground Crew:  Elissa  

Summary  
Crew mobilized to the airport this morning as skies over northern Wisconsin looked promisingly clear for a potential green collect. However cumulus clouds were observed from the tower cameras populated the skies just before the Twin Otter could be towed out of the hangar. Clouds continued building to almost complete cloud cover. No flights occurred.  

Concerns  
None  

Comments  
Matt departed D05 today after flights were cancelled. Thanks for the hard work, Matt!  

Cumulative Domain Coverage  

D05| CHEQ (Chequamegon-Nicolet National Forest)  
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |  
Flown:  0% (0/16)  
Green:  0% (0/16)  
Yellow:  0% (0/16)  
Red:  0% (0/16)  

D05| LIRO (Little Rock Lake)  
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |  
Flown:  0% (0/7)  
Green:  0% (0/7)  
Yellow:  0% (0/7)  
Red:  0% (0/7)  

D05| STEI_TREE_P1 (Steigerwaldt Land Services and Treehaven Priority 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 |  
Flown:  0% (0/25)  
Green:  0% (0/25)  
Yellow:  0% (0/25)  
Red:  0% (0/25)  

### STEI TREE P2 (Steigerwaldt Land Services and Treehaven Priority 2)

|   |   |   |   |   |   |   |   |   |   | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
| Flown: | 0% (0/18) | Green: | 0% (0/18) | Yellow: | 0% (0/18) | Red: | 0% (0/18) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

### UNDE (University of Notre Dame Environmental Research Center)

|   |   |   |   |   |   |   |   |   |   | 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 |
| Flown: | 71% (20/28) | Green: | 0% (0/28) | Yellow: | 0% (0/28) | Red: | 71% (20/28) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

### WABI (Wabikon Forest Dynamics Plot Assignable Asset)

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flown:</td>
<td>0% (0/6)</td>
<td>Green:</td>
<td>0% (0/6)</td>
<td>Yellow:</td>
<td>0% (0/6)</td>
<td>Red:</td>
<td>0% (0/6)</td>
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</tbody>
</table>

### Weather Forecast

**Boulder Junction, WI (UNDE, LIRO)**

<table>
<thead>
<tr>
<th>Fri 6/28</th>
<th>Sat 6/29</th>
<th>Sun 6/30</th>
<th>Mon 7/1</th>
<th>Tue 7/2</th>
<th>Wed 7/3</th>
<th>Thu 7/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>66°</td>
<td>60°F</td>
<td>64°</td>
<td>42°F</td>
<td>69°</td>
<td>45°F</td>
<td>70°</td>
</tr>
<tr>
<td>Rain</td>
<td>Mostly Cloudy</td>
<td>Mostly Sunny</td>
<td>Mostly Cloudy</td>
<td>Scattered Thunderstorms</td>
<td>Partly Cloudy</td>
<td>PM Thunderstorms</td>
</tr>
<tr>
<td>0.72 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.61 in</td>
<td>0.16 in</td>
<td>0 in</td>
<td>0.2 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 28 June 2024

Flyority 1
Collection Area: UNDERC (UNDE) If Red/Yellow conditions, lines 1-9; if Green conditions all lines.
Flight Plan Name: D05_UNDE_C1_P1_v2_Q780
On-station Time: 1420 UTC / 0920 L

Flyority 2
Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE), Priority 1 Flight Box
Flight Plan Name: D05_STEI_TREE_R1_P1_P2_v3_Q780
On-station Time: 1420 UTC / 0920 L

Flyority 3
Collection Area: Chequamegon-Nicolet National Forest (CHEQ)
Flight Plan Name: D05_CHEQ_R2_P1_v3_Q780
On-station Time: 1420 UTC / 0920 L

Flyority 4
Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE), Priority 2 Flight Box
Flight Plan Name: D05_STEI_TREE_R1_P1_P2_v3_Q780
On-station Time: 1420 UTC / 0920 L

Flyority 5
Collection Area: Little Rock Lake (LIRO)
Flight Plan Name: D05_LIRO_A1_P2_v2_Q780
On-station Time: 1420 UTC / 0920 L

Flyority 6
Collection Area: Wabikon Forest Dynamics Plot (WABI)
Flight Plan Name: D05_WABI_S1_P1_v2_Q780
On-station Time: 1420 UTC / 0920 L

Flight Crew: Elissa (Lidar), Mitch (NIS)