Date: 2022-06-15
Flight Campaign ID: P3C1
Airport, FBO ID, City: Rhinelander-Oneida County Airport (KRHI) - Rhinelander, WI
Aircraft: N70AR

Domain: 05 (Great Lakes)
Sites Flown: None
Days left in Domain: 16

Report Author: Elissa
Lidar Operators: Elissa
Flight Hours: 00:00
Spectrometer Operators: John
Hours until maintenance: 56.52
Pilots: Nick, Brent

Summary
A cloudy morning gave way to afternoon thunderstorms, preventing flights today. This appears to be a fast-moving front that will hopefully leave decent collection weather in its wake for the next couple of days.

Concerns
None.

Comments
- After some troubleshooting, QA tasks are complete for the first STEI-TREE flight.
- We coordinated with domain staff to plan tours for this Thursday and Friday post-flights.

Cumulative Domain Coverage

Estimated Cloud Cover Key

Green: 0-10%
Yellow: 11-50%
Red: >50%

D05|CHEQ (Chequamegon-Nicolet National Forest)

<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>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flown: 0% (0/16)</td>
<td>Green: 0% (0/16)</td>
<td>Yellow: 0% (0/16)</td>
<td>Red: 0% (0/16)</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>

D05|LIRO (Little Rock Lake)

<table>
<thead>
<tr>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flown: 0% (0/7)</td>
<td>Green: 0% (0/7)</td>
<td>Yellow: 0% (0/7)</td>
<td>Red: 0% (0/7)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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: 8% (2/25)
- Green: 8% (2/25)
- Yellow: 0% (0/25)
- Red: 0% (0/25)

D05 | 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: 100% (18/18)
- Green: 0% (0/18)
- Yellow: 17% (3/18)
- Red: 83% (15/18)

D05 | 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: 0% (0/28)
- Green: 0% (0/28)
- Yellow: 0% (0/28)
- Red: 0% (0/28)

Weather Forecast

Rhinelander, WI (KRHI, STEI-TREE)

- Thu 6/16: 73° | 55°F Partly Cloudy/Wind 0 in
- Fri 6/17: 74° | 44°F Sunny 0 in
- Sat 6/18: 75° | 51°F Mostly Sunny 0 in
- Sun 6/19: 77° | 68°F AM Showers 0.02 in
- Mon 6/20: 93° | 72°F Partly Cloudy 0 in
- Tue 6/21: 90° | 63°F Isolated Thunderstorms 0.01 in
- Wed 6/22: 84° | 57°F Partly Cloudy 0 in
Flight Collection Plan for 16 June 2022

Flyority 1:
Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE) – Priority 1 Flight Box
Flight plan name: D5_STEI_TREE_R1_P1_v3_Q780
On-Station Time: 1420 UTC / 0920 L

Flyority 2:
Collection Area: Chequamegon-Nicolet National Forest (CHEQ)
Flight plan name: D05_CHEQ_R2_P1_v3_Q780
On-Station Time: 1420 UTC / 0920 L

Flyority 3:
Collection Area: UNDERC (UNDE)
Flight plan name: D05_UNDE_C1_P1_v2_Q780
On-Station Time: 1420 UTC / 0920 L

Flyority 4:
Collection Area: Little Rock Lake (LIRO)
Flight plan name: D05_LIRO_A1_P2_v2_Q780
On-Station Time: 1420 UTC / 0920 L

Flyority 5 (if green):
Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE) – Priority 2 Flight Box
Flight plan name: D5_STEI_TREE_R1_P2_v3_Q780
On-Station Time: 1420 UTC / 0920 L

Crew: John (Lidar), Elissa (NIS)