Date: 2024-08-05
Flight Campaign ID: P1C1
Airport, FBO ID, City: Nashua Airport at Boire Field (KASH) - Nashua, NH
Aircraft: N615AR

Domain: 01 (Northeast)
Sites Flown: None
Days left in Domain: 33

Report Author: Mitch
Lidar Operators: Mitch
Flights: 00:00
Spectrometer Operators: Cameron
Hours until maintenance: 67.53
Pilots: Jeff, Will

Summary
The spectrometer reached spec and stabilized early this morning making today our first eligible day for flights in D01. Weather initially looked promising for a small window of green collect, however fog over Harvard Forest this morning was quickly replaced by small pesky cumulus clouds at low altitudes, which refused to dissipate and eventually grew into scattered cloud cover by mid-morning, and preventing any flights from occurring.

Concerns
None

Comments
- A new sim card was placed in GPS 07. The new IP address is updated in our GPS Basestation log.
- The solar panel for our GPS does not appear to be adequately recharging the GPS battery. A new solar panel is being shipped out and will be replaced once it arrives.
- The getter was reactivated this morning.

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>D01</th>
<th>BART (Bartlett Experimental Forest)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
</tr>
</tbody>
</table>

Flown: 0% (0/35)
Green: 0% (0/35)
Yellow: 0% (0/35)
Red: 0% (0/35)

<table>
<thead>
<tr>
<th>D01</th>
<th>HARV_P1 (Harvard Forest Priority 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
</tr>
</tbody>
</table>

Flown: 0% (0/28)
Green: 0% (0/28)
Yellow: 0% (0/28)
Red: 0% (0/28)

<table>
<thead>
<tr>
<th>D01</th>
<th>HARV_P2 (Harvard Forest Priority 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Flown: 0% (0/7)
- Green: 0% (0/7)
- Yellow: 0% (0/7)
- Red: 0% (0/7)

**D01 | HOPB (Hop Brook)**

<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>
</table>

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

**D01 | N01A (D01 Nominal Runway)**

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
</tr>
</thead>
</table>

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

### Weather Forecast
**Petersham, MA (HARV)**

<table>
<thead>
<tr>
<th>Tue 8/6</th>
<th>Wed 8/7</th>
<th>Thu 8/8</th>
<th>Fri 8/9</th>
<th>Sat 8/10</th>
<th>Sun 8/11</th>
<th>Mon 8/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>69°</td>
<td>58°F</td>
<td>71°</td>
<td>55°F</td>
<td>75°</td>
<td>59°F</td>
<td>70°</td>
</tr>
</tbody>
</table>

- **Rain**: 0.97 in
- **AM Showers**: 0.05 in
- **Partly Cloudy**: 0.23 in
- **Rain**: 1.79 in
- **Rain**: 1.11 in
- **AM Showers**: 0.24 in
- ** Mostly Sunny**: 0 in

### Bartlett, NH (BART)

<table>
<thead>
<tr>
<th>Tue 8/6</th>
<th>Wed 8/7</th>
<th>Thu 8/8</th>
<th>Fri 8/9</th>
<th>Sat 8/10</th>
<th>Sun 8/11</th>
<th>Mon 8/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>71°</td>
<td>57°F</td>
<td>75°</td>
<td>55°F</td>
<td>77°</td>
<td>59°F</td>
<td>66°</td>
</tr>
</tbody>
</table>

- **Wind**: Cloudy
- **Partly Cloudy**: Mostly Sunny
- **Rain**: 0.11 in
- **1.19 in**
- **1 in**
- **0.43 in**
- **0.02 in**
**Flight Collection Plan for 06 August 2024**

**Flyority 1:**
Collection Area: Harvard Forest – Priority 1 (HARV_P1)
Flight Plan Name: D01_HARV_C1_P1__P2_v4_PRM.xml
On-station Time: 1340 UTC / 0940 L

**Flyority 2:**
Collection Area: Bartlett Experimental Forest (BART)
Flight Plan Name: D01_BART_R1_P1_v2_PRM.xml
On-station Time: 1340 UTC / 0940 L

**Flyority 3:**
Collection Area: Hop Brook (HOPB)
Flight Plan Name: D01_HOPB_A1_P1_v2_PRM.xml
On-station Time: 1340 UTC / 0940 L

**Flyority 4:**
Collection Area: Harvard Forest – Priority 2 (HARV_P2)
Flight Plan Name: D01_HARV_C1_P1__P2_v4_PRM.xml
On-station Time: 1340 UTC / 0940 L

**Flyority 5:**
Collection Area: Nominal Runway – D01
Flight Plan Name: D01_N01A_Nominal_Runway_Test_v2_PRM.xml
On-station Time: NA

Crew: Cam (Lidar), Mitch (NIS)