Payload 1 Daily Flight Report

Date: 2023-06-09
Flight Campaign ID: P1C1
Airport, FBO ID, City: Winchester Regional Airport (KOKV) - Winchester, VA
Aircraft: N331AR

Domain: 02 (Mid-Atlantic), 07 (Appalachians & Cumberland Plateau)
Sites Flown: None
Days left in Domain: 12

Report Author: Abe
Lidar Operators: Abe  Flight Hours: 00:00
Spectrometer Operators: Mitch  Hours until maintenance: 30.10
Pilots: Justin, Cullen

Summary
The Canadian smoke dissipated a bit today, but the clouds dominated the sky today. No collection flights were made.

Concerns
None

Comments
None

Cumulative Domain Coverage

D02|BLAN (Blandy Experimental Farm)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 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 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
Flown: 0% (0/32)
Green: 0% (0/32)
Yellow: 0% (0/32)
Red: 0% (0/32)

D02|N02B (D02 Nominal Runway)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

D02|SCBI (Smithsonian Conservation Biology Institute)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 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 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
Flown: 0% (0/31)
Green: 0% (0/31)
Yellow: 0% (0/31)
Red: 0% (0/31)
### D02 | SERC (Smithsonian Ecological Research Center)

<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>
<th>18</th>
<th>19</th>
<th>20</th>
<th>21</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>
</tbody>
</table>

- Flown: 0% (0/25)
- Green: 0% (0/25)
- Yellow: 0% (0/25)
- Red: 0% (0/25)

### D07 | MLBS (Mountain Lake Biological Station)

<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>
<th>18</th>
<th>19</th>
<th>20</th>
<th>21</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>
</tbody>
</table>

- Flown: 64% (21/33)
- Green: 64% (21/33)
- Yellow: 0% (0/33)
- Red: 0% (0/33)

### Weather Forecast

#### Pembroke, VA (MLBS)

**6/10**: Partly Cloudy

**6/11**: PM Showers

**6/12**: Mostly Sunny

**6/13**: PM Showers

**6/14**: Scattered

**6/15**: Thunderstorms

**6/16**: Thunderstorms

#### Front Royal, VA (SCBI)

**6/10**: Mostly Sunny

**6/11**: Partly Cloudy

**6/12**: Showers

**6/13**: Partly Cloudy

**6/14**: Partly Cloudy

**6/15**: Mostly Sunny

**6/16**: Partly Cloudy

#### Annapolis, MD (SERC)

**6/10**: Mostly Sunny

**6/11**: Partly Cloudy

**6/12**: Thunderstorms

**6/13**: Partly Cloudy

**6/14**: Partly Cloudy

**6/15**: Mostly Sunny

**6/16**: Partly Cloudy
Flight Collection Plan for June 10, 2023

Flyority 1 (Lines 2-13)
Collection Area: Mountain Lake Biological Station (MLBS)
Flight Plan Name: D07_MLBS_R1_P1_v7_PRM.xml
On-Station Time: 1340 UTC/ 0940 L

Flyority 2
Collection Area: Smithsonian Conservation Biology Institute (SCBI)
Flight Plan Name: D02_SCBI_C1_P1_v2_PRM.xml
On-Station Time: 1330 UTC/ 0930 L

Flyority 3
Collection Area: Smithsonian Environmental Research Center (SERC)
Flight Plan Name: D02_SERC_R1_P1_v1_PRM.xml
On-Station Time: 1330 UTC/ 0930 L

Flyority 4
Collection Area: Blandy Experimental Farm (BLAN)
Flight Plan Name: D02_BLAN_R2_P1_v3_PRM.xml
On-Station Time: 1330 UTC/ 0930 L

Flyority 5
Collection Area: Nominal Runway – D02 - KOKV
Flight Plan Name: D02_N02B_Nominal_Runway_Test_v1_PRM.xml
On-Station Time: N/A

Crew: Mitch (Lidar), Abe (NIS)