Date: 2022-08-16
Flight Campaign ID: P3C1
Airport, FBO ID, City: Nashua Airport (KASH) - Nashua, NH
Aircraft: N70AR

Domain: 01 (Northeast)
Sites Flown: None
Days left in Domain: 10

Report Author: Cameron
Lidar Operators: Cameron  Flight Hours: 00:00
Spectrometer Operators: John  Hours until maintenance: 71.55
Pilots: Justin, Brent

Summary
Low cumulus clouds developed early and remained throughout the day. No flights were conducted.

Concerns
- None

Comments
- None

Daily Coverage

Estimated Cloud Cover Key

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

Flight Screenshots
- None

Pictures
- None

Cumulative Domain Coverage

D01| BART (Bartlett Experimental Forest)

<table>
<thead>
<tr>
<th>1</th>
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<td>21</td>
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<td>35</td>
<td>36</td>
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</tbody>
</table>

Flown: 0% (0/36)
Green: 0% (0/36)
Yellow: 0% (0/36)
Red: 0% (0/36)
### D01|HARV_P1 (Harvard Forest Priority 1)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|   |   |   |   |   |   |   | 27 | 28 | 29 |   |   |   |   |   |   |   |   |   |   |

- Flown: 100% (29/29)
- Green: 79% (23/29)
- Yellow: 14% (4/29)
- Red: 7% (2/29)

### D01|HARV_P2 (Harvard Forest Priority 2)

<table>
<thead>
<tr>
<th>30</th>
<th>31</th>
<th>32</th>
<th>33</th>
<th>34</th>
<th>35</th>
<th>36</th>
<th>37</th>
</tr>
</thead>
</table>

- Flown: 100% (8/8)
- Green: 0% (0/8)
- Yellow: 100% (8/8)
- Red: 0% (0/8)

### D01|HOPB (Hop Brook)

<table>
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<tr>
<th>1</th>
<th>2</th>
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<th>4</th>
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<th>9</th>
<th>10</th>
</tr>
</thead>
</table>

- Flown: 100% (10/10)
- Green: 0% (0/10)
- Yellow: 100% (10/10)
- Red: 0% (0/10)

### D01|R01A (FLARE Radiometric Calibration Flight Plan - New Hampshire)

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
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</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>Wed 8/17</th>
<th>Thu 8/18</th>
<th>Fri 8/19</th>
<th>Sat 8/20</th>
<th>Sun 8/21</th>
<th>Mon 8/22</th>
<th>Tue 8/23</th>
</tr>
</thead>
<tbody>
<tr>
<td>69°</td>
<td>56°F</td>
<td>75°</td>
<td>54°F</td>
<td>84°</td>
<td>58°F</td>
<td>86°</td>
</tr>
<tr>
<td>Showers</td>
<td>Partly Cloudy</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>PM Showers</td>
<td>Scattered Thunderstorms</td>
</tr>
<tr>
<td>0.35 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.33 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 17 August 2022

Flyority 1: **If Green**
Collection Area: Harvard Forest – Priority 1 (HARV_P1)
Flight Plan Name: D01_HARV_C1_P1_v3_Q780
On-station Time: 1340 UTC / 0940 L

Flyority 2:
Collection Area: Bartlett Experimental Forest (BART)
Flight Plan Name: D01_BART_R1_P1_v1_Q780
On-station Time: 1340 UTC / 0940 L

Flyority 3: **If Green**
Collection Area: Hop Brook (HOPB)
Flight Plan Name: D01_HOPB_A1_P1_v1_Q780
On-station Time: 1340 UTC / 0940 L

Flyority 4: **If Green**
Collection Area: Harvard Forest – Priority 2 (HARV_P2)
Flight Plan Name: D01_HARV_C1_P2_v3_Q780
On-station Time: 1340 UTC / 0940 L

Crew: John (Lidar), Cam (NIS)