Date: 2022-08-24
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: 2

Report Author: Cameron
Lidar Operators: Cameron
Flight Hours: 00:00
Spectrometer Operators: Abe
Hours until maintenance: 65.28
Pilots: Justin, Brent

Summary
Clouds formed early and persisted through the day. No flights were conducted. Tomorrow morning still appears slightly promising for a re-collection flight.

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>
<th>2</th>
<th>3</th>
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<tbody>
<tr>
<td>21</td>
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<td>35</td>
<td>36</td>
<td></td>
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</tr>
</tbody>
</table>

Flown: 100% (36/36)
Green: 0% (0/36)
Yellow: 6% (2/36)
Red: 94% (34/36)
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 |
| 21 | 22 | 23 | 24 | 25 | 26 | 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>
<thead>
<tr>
<th>1</th>
<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: 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>
</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>Thu 8/25</th>
<th>Fri 8/26</th>
<th>Sat 8/27</th>
<th>Sun 8/28</th>
<th>Mon 8/29</th>
</tr>
</thead>
<tbody>
<tr>
<td>84°</td>
<td>83°</td>
<td>79°</td>
<td>79°</td>
<td>85°</td>
</tr>
<tr>
<td>61°F</td>
<td>61°F</td>
<td>60°F</td>
<td>60°F</td>
<td>64°F</td>
</tr>
<tr>
<td>Mostly Sunny</td>
<td>PM Thunderstorms</td>
<td>Partly Cloudy</td>
<td>PM Thunderstorms</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>0 in</td>
<td>0.38 in</td>
<td>0 in</td>
<td>0.06 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 25 August 2022

Flyority 1: (2-5 & 28-29) **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: **If Green**
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: Cam (Lidar), Abe (NIS)