Date: 2022-08-22
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: 4

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

Summary
Today was a crew down day. Rain showers and low clouds throughout the day would have precluded any flight opportunities nevertheless.

Concerns
- None

Comments
- Abe is set to travel to D01 tomorrow.

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)
---|---
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 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |

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 |

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>Tue 8/23</th>
<th>Wed 8/24</th>
<th>Thu 8/25</th>
<th>Fri 8/26</th>
<th>Sat 8/27</th>
<th>Sun 8/28</th>
</tr>
</thead>
<tbody>
<tr>
<td>76°</td>
<td>59°F</td>
<td>82°</td>
<td>58°F</td>
<td>85°</td>
<td>60°F</td>
</tr>
</tbody>
</table>

- **Thunderstorms**  
- **Partly Cloudy**  
- **Mostly Sunny**  
- **PM Thunderstorms**  
- **Partly Cloudy

### Precipitation

- **Tue 8/23**: 0.48 in  
- **Wed 8/24**: 0 in  
- **Thu 8/25**: 0 in  
- **Fri 8/26**: 0.09 in  
- **Sat 8/27**: 0 in  
- **Sun 8/28**: 0 in
Flight Collection Plan for 24 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: Cam, Abe