Date: 2024-08-08
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: 30

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

Summary
Early cloud formations and fog kept the aircraft grounded in the morning, after the fog eventually cleared, continued cloud development at all sites precluded any data collection.

Concerns
- None

Comments
- Pilot Will rotates out today and will be replaced by Justin.

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>D01</th>
<th>BART (Bartlett Experimental Forest)</th>
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<td>3</td>
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<td>22</td>
<td>23</td>
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Flown: 0% (0/35)
Green: 0% (0/35)
Yellow: 0% (0/35)
Red: 0% (0/35)
D01|HARV_P1 (Harvard Forest Priority 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: 0% (0/28)
Green: 0% (0/28)
Yellow: 0% (0/28)
Red: 0% (0/28)

D01|HARV_P2 (Harvard Forest Priority 2)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|31 |32 |33 |34 |35 |36 |37 |

Flown: 0% (0/7)
Green: 0% (0/7)
Yellow: 0% (0/7)
Red: 0% (0/7)

D01|HOPB (Hop Brook)

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

D01|N01A (D01 Nominal Runway )

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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>Fri 8/9</th>
<th>Sat 8/10</th>
<th>Sun 8/11</th>
<th>Mon 8/12</th>
<th>Tue 8/13</th>
<th>Wed 8/14</th>
<th>Thu 8/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>77°</td>
<td>69°F</td>
<td>80°</td>
<td>55°F</td>
<td>76°</td>
<td>57°F</td>
<td>72°</td>
</tr>
</tbody>
</table>

Thunderstorms | Mostly Sunny | Mostly Sunny | Mostly Sunny | Mostly Sunny | Mostly Sunny | Partly Cloudy | Mostly Sunny |
1.37 in | 0 in | 0 in | 0 in | 0 in | 0 in | 0 in | 0 in |
Flight Collection Plan for 9 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: Mitch (Lidar), Elissa (NIS)