Date: 2018-09-04
Flight Campaign ID: 2018_P2C1
Airport, FBO ID, City: Nashua Airport (KASH) - Nashua, NH

Domain: 01
Sites Flown: HARV_P1 (Harvard Forest Priority 1)
Days left in Domain: 9

Report Author: Michael Wussow
Flight Crew: Abe Morrison, Michael Wussow
Ground/GPS: Hours until maintenance: 119.03
Pilots: Mike Francis, Gina Moore
Additional Personnel:
GPS Instruments: 07 - HARV, 05 - FBO_KASH

Flight Hours: 00:46

Summary
A flight to HARV was attempted, but when the crew arrived at the site, a uniformly scattered layer of cumulus clouds had developed and lingered at survey altitude. Seeing no options for collection, the flight was aborted and no other attempts were possible.

Concerns
None

Comments
John Adler departed today

Flight Screenshots
None

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>BART</th>
<th>1</th>
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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)

<table>
<thead>
<tr>
<th>HARV_P1</th>
<th>1</th>
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</tbody>
</table>
Flown: 76% (22/29)
Green: 0% (0/29)
Yellow: 10% (3/29)
Red: 69% (20/29)
**Weather Forecast**

**Nashua, NH (FBO)**

<table>
<thead>
<tr>
<th></th>
<th>Wed 9/5</th>
<th>Thu 9/6</th>
<th>Fri 9/7</th>
<th>Sat 9/8</th>
<th>Sun 9/9</th>
<th>Mon 9/10</th>
<th>Tue 9/11</th>
<th>Wed 9/12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temp</strong></td>
<td>88°</td>
<td>1°</td>
<td>71°</td>
<td>61°</td>
<td>56°</td>
<td>52°</td>
<td>53°</td>
<td>62°</td>
</tr>
<tr>
<td><strong>Partly Cloudy</strong></td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
<tr>
<td><strong>PM Thunderstorms</strong></td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
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</tbody>
</table>

**Petersham, MA (HARV)**

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<thead>
<tr>
<th></th>
<th>Wed 9/5</th>
<th>Thu 9/6</th>
<th>Fri 9/7</th>
<th>Sat 9/8</th>
<th>Sun 9/9</th>
<th>Mon 9/10</th>
<th>Tue 9/11</th>
<th>Wed 9/12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temp</strong></td>
<td>85°</td>
<td>68°</td>
<td>68°</td>
<td>60°</td>
<td>53°</td>
<td>49°</td>
<td>50°</td>
<td>59°</td>
</tr>
<tr>
<td><strong>Mostly Sunny</strong></td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
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<td>0 in</td>
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<tr>
<td><strong>PM Thunderstorms</strong></td>
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Flight Collection Plan for 05 Sept 2018

**Flyority 1:**
Collection Area: Harvard Forest – Priority 1 (HARV_P1)
Flight Plan Name: D01_HARV_C1_P1_v1.pln
On-station Time: 1410 UTC / 1010 L
Lines 18-20 and 25-29, unless green conditions
***Lines 21 and 22 should be reflown if time permits

**Flyority 2:**
Collection Area: Bartlett Experimental Forest (BART)
Flight Plan Name: D01_BART_R1_P1_v1.pln
On-station Time: 1410 UTC / 1010 L

**Flyority 3:**
Collection Area: Harvard Forest – Priority 2 (HARV_P3)
Flight Plan Name: D01_HARV_C1_P3_v1.pln
On-station Time: 1410 UTC / 1010 L
*Only if green conditions exist

**Crew:** Abe Morrison (Lidar), Michael Wussow (NIS), None (Ground)