Payload 1 Daily Flight Report

Date: 2021-08-15
Flight Campaign ID: P1C2
Airport, FBO ID, City: Winchester Regional Airport (KOKV) - Winchester, VA
Aircraft: N331AR

Domain: 02 (Mid-Atlantic)
Sites Flown: None
Days left in Domain: 11

Report Author: John Adler
Lidar Operators: John Adler
Spectrometer Operators: Abe Morrison
Pilots: Justin Eddington, Nick Koukoutsakis

Flight Hours: 00:00
Hours until maintenance: 54.40

Summary: Complete overcast today, with lower cumulous clouds, precluded any flight operations.

Concerns: None

Comments: RAID drive was configured for shipping back to the Denver data center tomorrow.

Cumulative Domain Coverage

D02|BLAN (Blandy Experimental Farm)

Flown: 100% (33/33)
Green: 0% (0/33)
Yellow: 0% (0/33)
Red: 100% (33/33)

D02|N02B (D02 Nominal Runway)

Flown: 100% (1/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 100% (1/1)

D02|SCBI (Smithsonian Conservation Biology Institute)

Flown: 100% (32/32)
Green: 0% (0/32)
Yellow: 0% (0/32)
Red: 100% (32/32)
D02|SERC (Smithsonian Ecological Research Center)

- Flown: 88% (23/26)
- Green: 0% (0/26)
- Yellow: 0% (0/26)
- Red: 88% (23/26)

**Weather Forecast**

**Annapolis, MD (SERC)**

<table>
<thead>
<tr>
<th>Mon 8/16</th>
<th>Tue 8/17</th>
<th>Wed 8/18</th>
<th>Thu 8/19</th>
<th>Fri 8/20</th>
<th>Sat 8/21</th>
<th>Sun 8/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>78°F</td>
<td>74°F</td>
<td>83°F</td>
<td>75°F</td>
<td>82°F</td>
<td>75°F</td>
<td>84°F</td>
</tr>
</tbody>
</table>

- Cloud Cover (%)
- Chance of Precip. (%)

**Winchester, VA (SCBI, BLAN)**

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<tr>
<td>76°F</td>
<td>68°F</td>
<td>83°F</td>
<td>68°F</td>
<td>77°F</td>
<td>67°F</td>
<td>84°F</td>
</tr>
</tbody>
</table>

- Cloud Cover (%)
- Chance of Precip. (%)

source: wunderground.com

**Flight Collection Plan for 16 August 2021**

Flyority 1 – if Green
Collection Area: Smithsonian Environmental Research Center (SERC)
Flight Plan Name: D02_SERC_R1_P1_v1_PRM.xml
On-Station Time: 1350 UTC/ 0950 L

Flyority 2 – Flight testing of the lidar system
Collection Area: Local Winchester area
Flight Plan Name: D02_T02A_C1_P1_v1_PRM_dig_test.xml
On-Station Time: anytime

Crew: John, Abe