Payload 1 Daily Flight Report

Date: 2022-05-22
Flight Campaign ID: P1C1
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: Cameron
Lidar Operators: Cameron
Spectrometer Operators: Abe
Pilots: Justin, Paul

Flight Hours: 00:00
Hours until maintenance: 82.12

Summary
Clear morning skies deteriorated through the day and isolated thunderstorms dotted the area in the afternoon. No flights were conducted.

Concerns
- Awaiting hard drives /Pony Case for data extraction to resume on the HK

Comments
- Mitch arrives in D02 tonight.
- Abe will coordinate with the lab in effort to reduce the heat on the UPDU by moving the Digitizer.

Daily Coverage
Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
</tr>
</thead>
</table>

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

D02 | BLAN (Blandy Experimental Farm )

|   | 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 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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: 0% (0/32)
Green: 0% (0/32)
Yellow: 0% (0/32)
Red: 0% (0/32)

D02|SERC (Smithsonian Ecological Research Center)

Flown: 0% (0/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

Weather Forecast
Winchester, VA

Annapolis, MD

source: wunderground.com
Flight Collection Plan for 22 May 2022

Flyority 1
Collection Area: Smithsonian Conservation Biology Institute (SCBI)
Flight Plan Name: D02_SCBI_C1_P1_v1_v1_PRM.xml
On-station Time: 1330 UTC / 0930 L

Flyority 2
Collection Area: Smithsonian Environmental Research Center (SERC)
Flight Plan Name: D02_SERC_R1_P1_v1_PRM.xml
On-station Time: 1330 UTC / 0930 L

Flyority 3
Collection Area: Blandy Experimental Farm (BLAN) *** If “green” sky conditions***
Flight Plan Name: D02_BLAN_R2_P1_v3_PRM.xml
On-station Time: 1330 UTC / 0930 L

Flight Crew:
Abe (Lidar), Cam (NIS), Mitch (Ground)