



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      **Flight Hours:** 00:00  
**Spectrometer Operators:** Abe    **Hours until maintenance:** 82.12  
**Pilots:** Justin , Paul

**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

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

**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)

1

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

D02 | SCBI (Smithsonian Conservation Biology Institute )

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								

Flown: 0% (0/32)  
 Green: 0% (0/32)  
 Yellow: 0% (0/32)  
 Red: 0% (0/32)

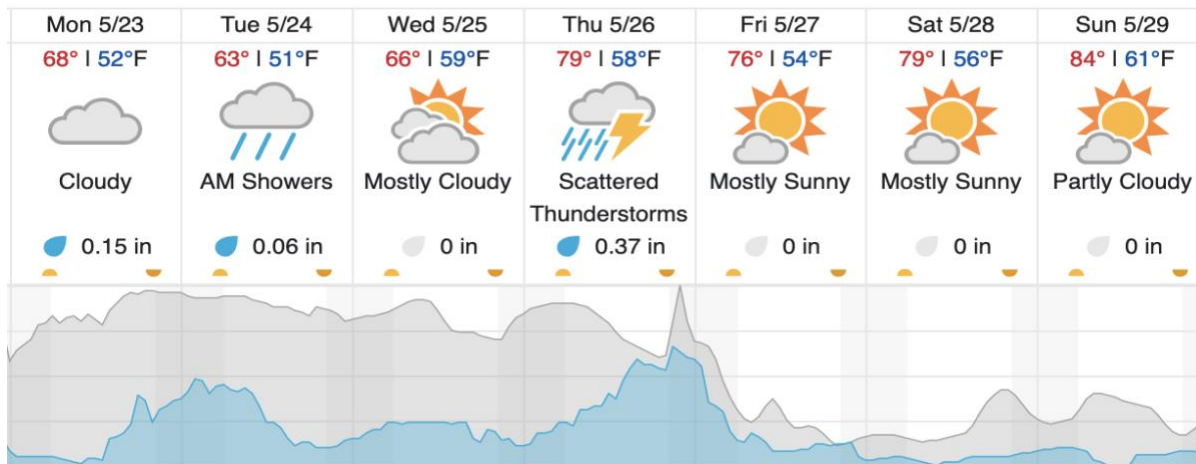
D02 | SERC (Smithsonian Ecological Research Center )

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														

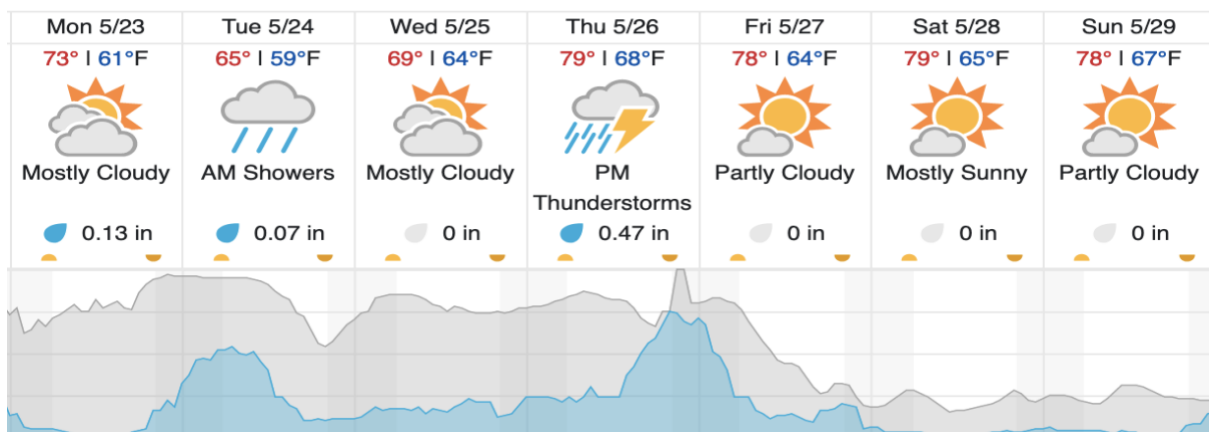
Flown: 0% (0/26)  
 Green: 0% (0/26)  
 Yellow: 0% (0/26)  
 Red: 0% (0/26)

**Weather Forecast**

Winchester, VA



Annapolis, MD



Cloud Cover (%)	Chance of Precip. (%)
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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\_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)