



## Payload 3 Daily Flight Report



**Date:** 2025-05-30

**Flight Campaign ID:** P3C1

**Airport, FBO ID, City:** Winchester Regional Airport (KOKV) - Winchester, VA; -

**Aircraft:** N821AR

**Domain:** 02 (Mid-Atlantic)

**Sites Flown:** None

**Days left in Domain:** 16

**Report Author:** Elissa

**Lidar Operators:** Elissa

**Flight Hours:** 00:00

**Spectrometer Operators:** Mitch **Hours until maintenance:** 0.00

**Pilots:** Justin, Rob

### Summary

A clear morning quickly gave way to building storm clouds and afternoon showers. Things are expected to start drying up tomorrow, hopefully yielding a couple of clear days.

### Concerns

None.

### Comments

New power modules were installed in the precious GPU today, which under initial tests appears to have resolved the UPS draw down issue.

### Cumulative Domain Coverage

#### Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (\*)

#### D02 | BLAN (Blandy Experimental Farm )

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: 0% (0/32)

Green: 0% (0/32)

Yellow: 0% (0/32)

Red: 0% (0/32)

\* Flown within 35deg solar angle

D02 | SCBI (Smithsonian Conservation Biology Institute )

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% (0/31)  
Green: 0% (0/31)  
Yellow: 0% (0/31)  
Red: 0% (0/31)  
\* Flown within 35deg solar angle

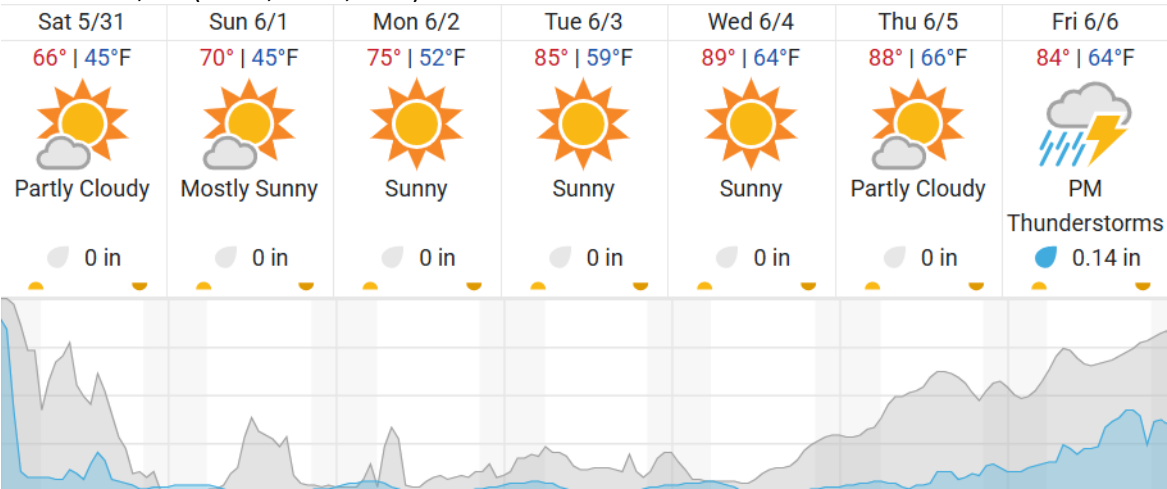
D02 | SERC (Smithsonian Ecological Research Center )

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															

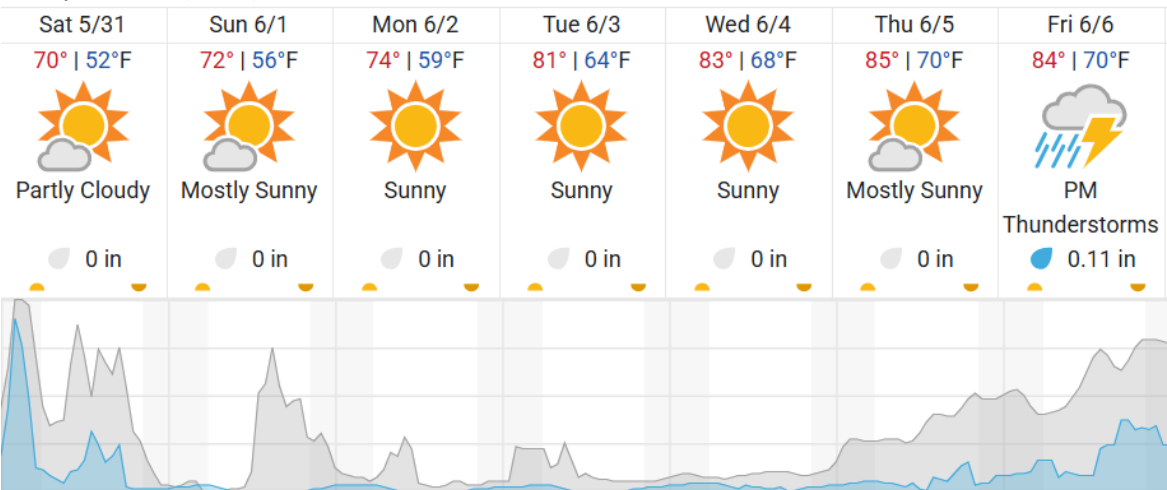
Flown: 0% (0/25)  
Green: 0% (0/25)  
Yellow: 0% (0/25)  
Red: 0% (0/25)  
\* Flown within 35deg solar angle

Weather Forecast

Winchester, VA (KOKV, BLAN, SCBI)



Annapolis, MD (SERC)



## **Flight Collection Plan for 31 May 2025**

### **Flyority 1**

Collection Area: Blandy Experimental Farm (BLAN)

Flight Plan Name: D02\_BLAN\_R2\_P1\_v3\_Q780

On-Station Time: 1340 UTC / 0940 L

### **Flyority 2**

Collection Area: Smithsonian Conservation Biology Institute (SCBI)

Flight Plan Name: D02\_SCBI\_C1\_P1\_v1\_Q780

On-Station Time: 1340 UTC / 0940 L

### **Flyority 3**

Collection Area: Smithsonian Ecological Research Center (SERC)

Flight Plan Name: D02\_SERC\_R1\_P1\_v2\_Q780

On-Station Time: 1330 UTC / 0930 L

**Crew:** Mitch (Lidar), Elissa (NIS)