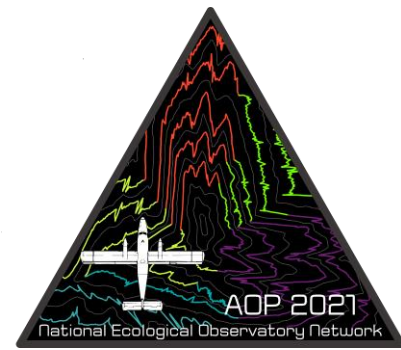




## Payload 1 Daily Flight Report



**Date:** 2021-08-16

**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:** 10

**Report Author:** Abe Morrison

**Lidar Operators:** Abe Morrison

**Flight Hours:** 00:00

**Spectrometer Operators:** John Adler

**Hours until maintenance:** 54.40

**Pilots:** Justin Eddington, Nick Koukoutsakis

**GPS Instruments:** N/A

### Summary

Overcast skies and rain showers dominated the region today. No collection flights were made.

### Concerns

-The package sent from Optech with the repair parts for the digitizer is stuck at the UPS hub in Louisville KY. Optech is aware of the situation.

### Comments

-Raid 2021\_P1C2\_10 was shipped to the data center today.

### 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: 100% (32/32)  
 Green: 0% (0/32)  
 Yellow: 0% (0/32)  
 Red: 100% (32/32)

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

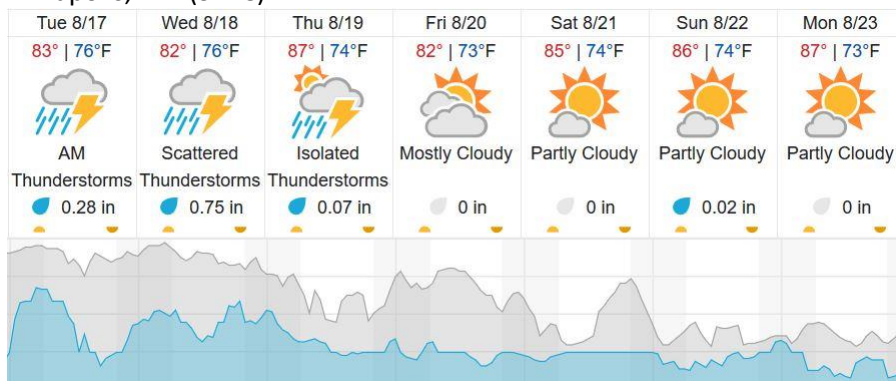
D02 | T02A ( )

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----

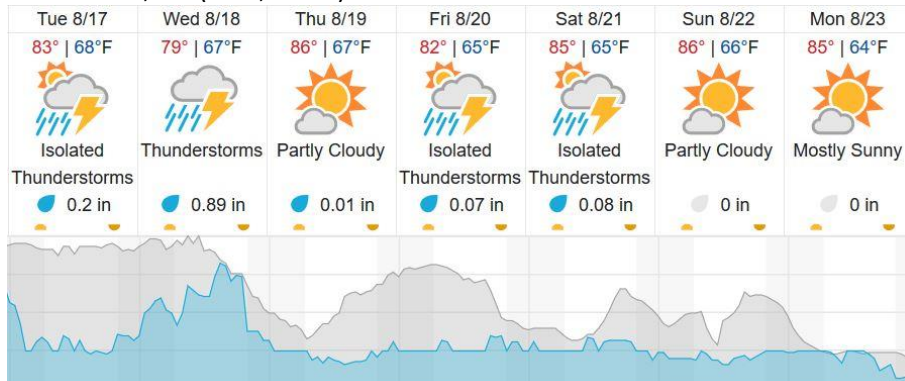
Flown: 0% (0/19)  
 Green: 0% (0/19)  
 Yellow: 0% (0/19)  
 Red: 0% (0/19)

**Weather Forecast**

Annapolis, MD (SERC)



Winchester, VA (SCBI, BLAN)



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

source: wunderground.com

## **Flight Collection Plan for 17 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 – if Green

Collection Area: Smithsonian Conservation Biology Institute (SCBI)

Flight Plan Name: D02\_SCBI\_C1\_P1\_v1\_PRM.xml

On-Station Time: 1400 UTC/ 1000 L

Flyority 3 – if Green

Collection Area: Blandy Experimental Farm (BLAN)

Flight Plan Name: D02\_BLAN\_R2\_P1\_v3\_PRM.xml

On-Station Time: 1400 UTC/ 1000 L

Flyority 4 – Flight testing of the lidar system

Collection Area: Smithsonian Conservation Biology Institute (SCBI)

Flight Plan Name: D02\_T02A\_C1\_P1\_v1\_PRM\_dig\_test.xml

On-Station Time: anytime

Crew: John, Abe