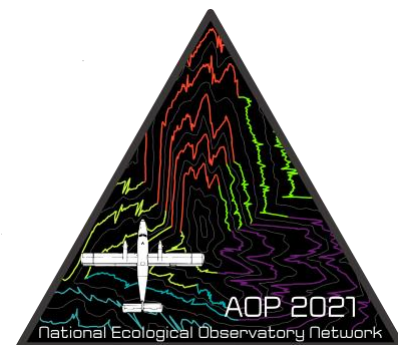




## Payload 1 Daily Flight Report



**Date:** 2021-08-23

**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:** 2

**Report Author:** Cameron Chapman

**Lidar Operators:** Cameron Chapman

**Spectrometer Operators:** John Adler

**Pilots:** Justin Eddington, Nick Koukoutsakis

**Flight Hours:** 00:00

**Hours until maintenance:** 53.15

**GPS Instruments:** None

### Summary

Morning clouds slowly began dissipating in the early afternoon but not enough for 'Green' sky conditions. No flights were attempted. Tomorrows weather forecast appears promising for data collection.

**Concerns:** None

**Comments:** None

### Daily Coverage

Estimated Cloud Cover Key

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

**Flight Screenshots:** None

**Pictures:** None

### Cumulative Domain Coverage

D02 | BLAN (Blandly 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
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Flown: 32% (6/19)

Green: 0% (0/19)

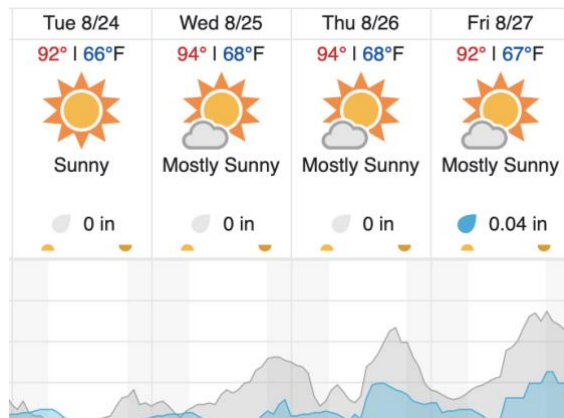
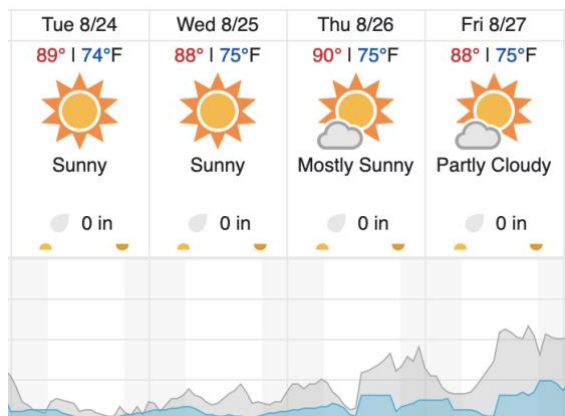
Yellow: 0% (0/19)

Red: 32% (6/19)

## Weather Forecast

Annapolis, MD (SERC)

Winchester, VA (SCBI, BLAN)



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

source: wunderground.com

## Flight Collection Plan for 24 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

Crew: John, Cameron