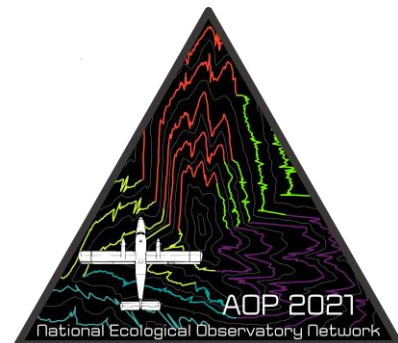




Payload 1 Daily Flight Report



Date: 2021-08-18

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: 7

Report Author: Abe Morrison

Lidar Operators: Abe Morrison

Spectrometer Operators: John Adler

Pilots: Justin Eddington, Nick Koukoutsakis

Flight Hours: 00:00

Hours until maintenance: 54.40

GPS Instruments: N/A

Summary

Low clouds and thunderstorms again prevented collections flights today.

Concerns

None

Comments

-The digitizer repairs were completed by the Optech technician today and the unit was reinstalled into the payload by the flight crew. A test flight will be conducted as soon as the weather permits, likely tomorrow morning.

Cumulative Domain Coverage

D02 | BLAN (Bland 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: 0% (0/19)

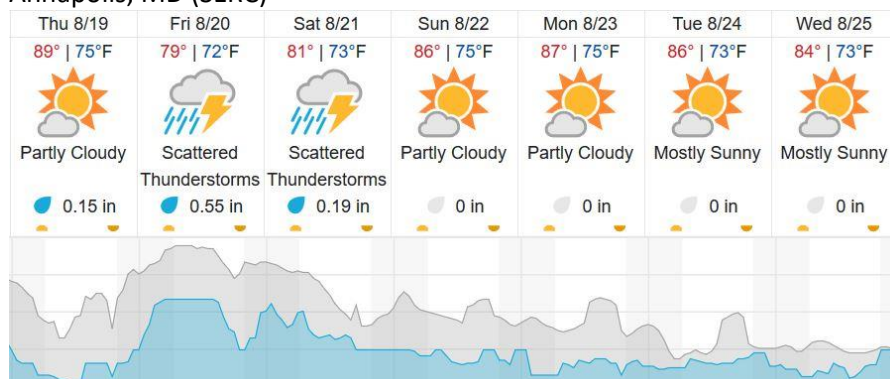
Green: 0% (0/19)

Yellow: 0% (0/19)

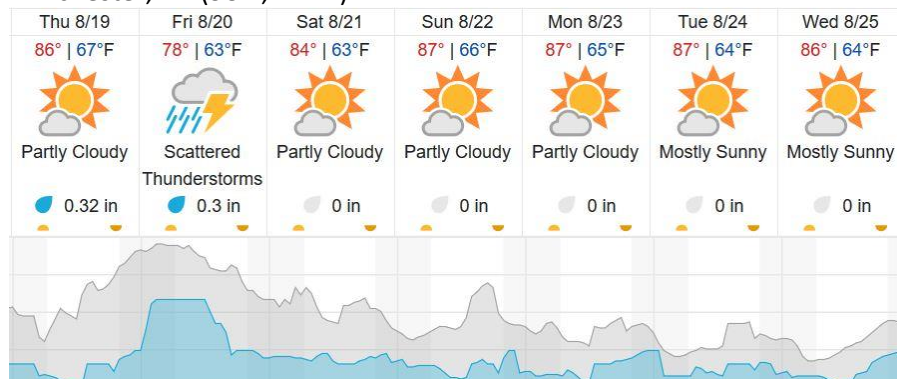
Red: 0% (0/19)

Weather Forecast

Annapolis, MD (SERC)



Winchester, VA (SCBI, BLAN)



	Cloud Cover (%)		Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for 19 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