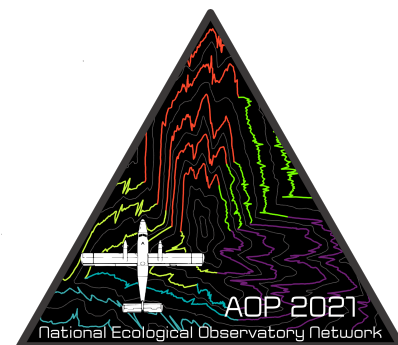




Payload 1 Daily Flight Report



Date: 2021-08-17

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: 9

Report Author: John Adler

Lidar Operators: John Adler

Spectrometer Operators: Abe Morrison

Pilots: Justin Eddington, Nick Koukoutsakis

Flight Hours: 00:00

Hours until maintenance: 54.40

GPS Instruments: N/A

Summary

Poor weather continues here in Virginia, no flights were conducted. Replacement lidar boards arrived and were inserted into the digitizer box.

Concerns

None.

Comments

Replaced pilot's video cable with the new one-piece cable. Expect to install the updated digitizer box tomorrow morning, then conduct a test flight with the new flight plan, assuming the weather meets requirements.

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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----

Flown: 0% (0/19)

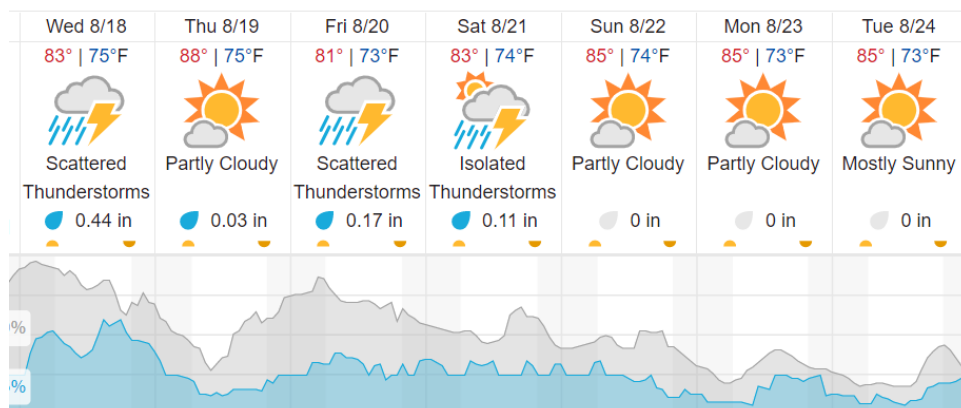
Green: 0% (0/19)

Yellow: 0% (0/19)

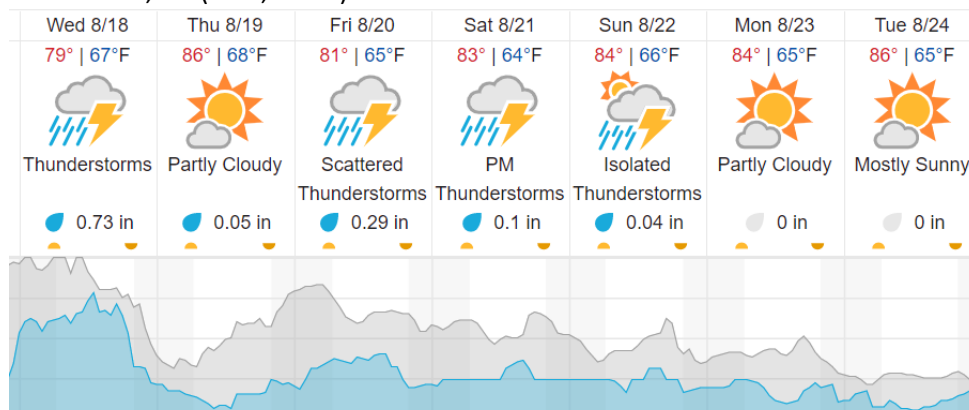
Red: 0% (0/19)

Weather Forecast

Annapolis, MD (SERC)



Winchester, VA (SCBI, BLAN)



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

source: wunderground.com

Flight Collection Plan for 18 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