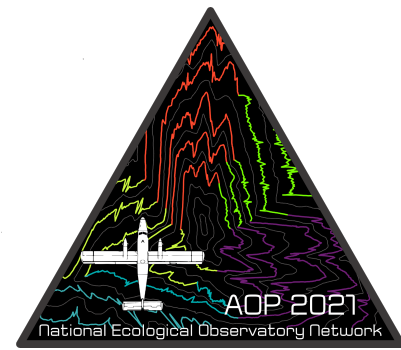




Payload 1 Daily Flight Report



Date: 2021-08-20

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: 5

Report Author: John Adler

Lidar Operators: John Adler

Flight Hours: 0.0

Spectrometer Operators: Cameron Chapman

Hours until maintenance: 53.15

Pilots: Justin Eddington, Nick Koukoutsakis

GPS Instruments: AOP5, AOP SCBI

Summary

Weather was not clear to conduct re-fly missions.

Concerns

None.

Comments

Today Optech worked on the digitizer box, but no resolution was readily apparent. We removed a few cables late in the evening from the wiring harness on the Twin Otter so the digitizer and associated cables could be shipped back to Toronto Saturday morning.

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)

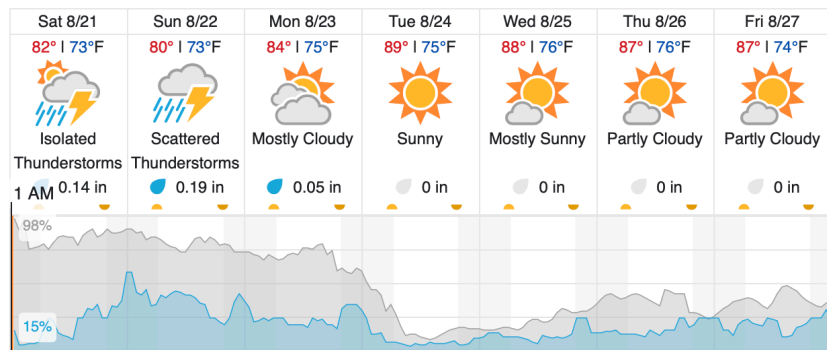
D02 | T02A ()

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
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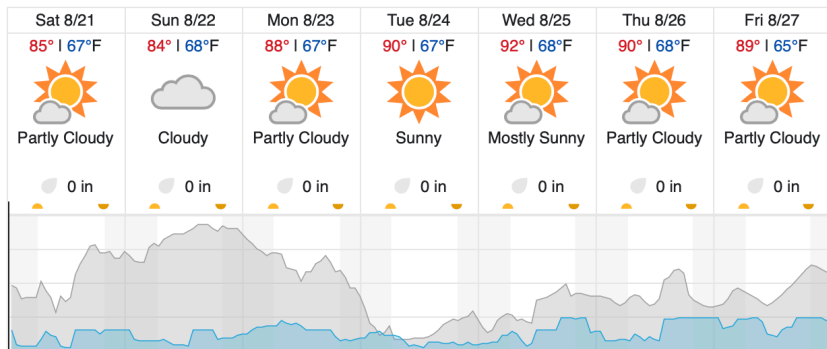
Flown: 32% (6/19)
 Green: 0% (0/19)
 Yellow: 0% (0/19)
 Red: 32% (6/19)

Weather Forecast

Annapolis, MD (SERC)



Winchester, VA (SCBI, BLAN)



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

Flight Collection Plan for 21 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