



Payload 1 Daily Flight Report



Date: 2022-05-18

Flight Campaign ID: P1C1

Airport, FBO ID, City: Winchester Regional Airport (KOKV) - Winchester, VA

Aircraft: N331AR

Domain: 02 (Mid-Atlantic)

Sites Flown: None

Days left in Domain: 15

Report Author: Cameron

Lidar Operators: Cameron

Flight Hours: 00:00

Spectrometer Operators: Elissa

Hours until maintenance: 86.03

Pilots: Magnus , Justin

Summary

The payload continued to cool today and is now ready for data collection. A test flight will be conducted tomorrow to ensure full system functionality.

Concerns

- Lab will leave testing equipment so we can continue to monitor voltages from the problem port on the ECS.

Comments

- Mobile GPS 6 was deployed at the FBO.
- Abe is scheduled to arrive in D02 tonight.

Daily Coverage

Estimated Cloud Cover Key

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

Flight Screenshots: None

Pictures: Elissa Setting up a GPS station in preparation for D02 survey flights.



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: 0% (0/33)

Green: 0% (0/33)

Yellow: 0% (0/33)

Red: 0% (0/33)

D02 | N02A (D02 Nominal Runway)

1

Flown: 0% (0/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

D02 | N02B (D02 Nominal Runway)

1

Flown: 0% (0/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

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: 0% (0/32)

Green: 0% (0/32)

Yellow: 0% (0/32)

Red: 0% (0/32)

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: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

Red: 0% (0/26)

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)

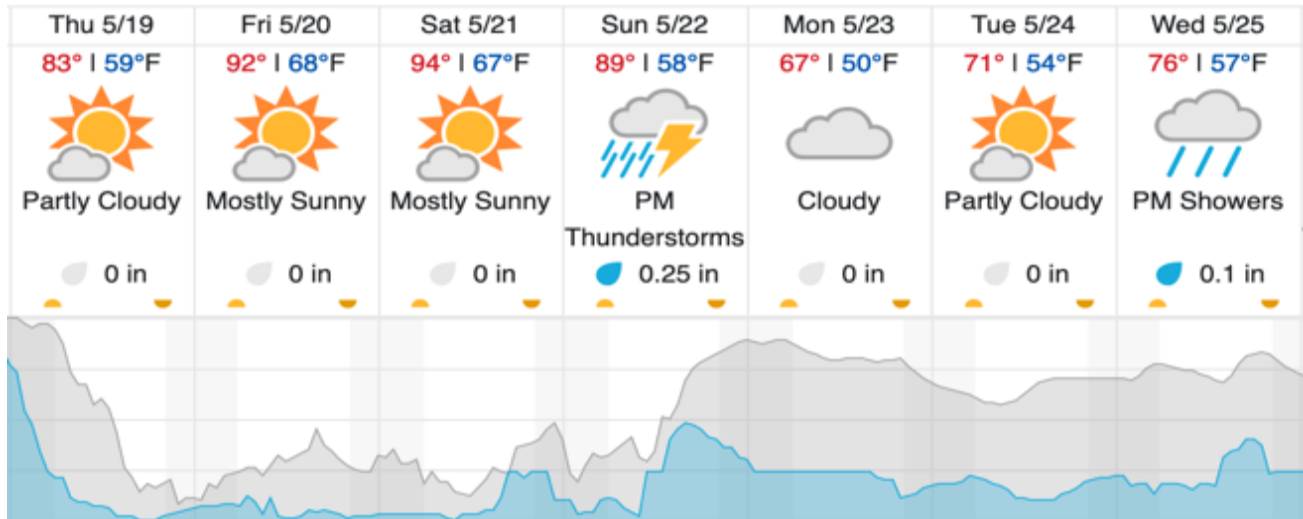
Green: 0% (0/19)

Yellow: 0% (0/19)

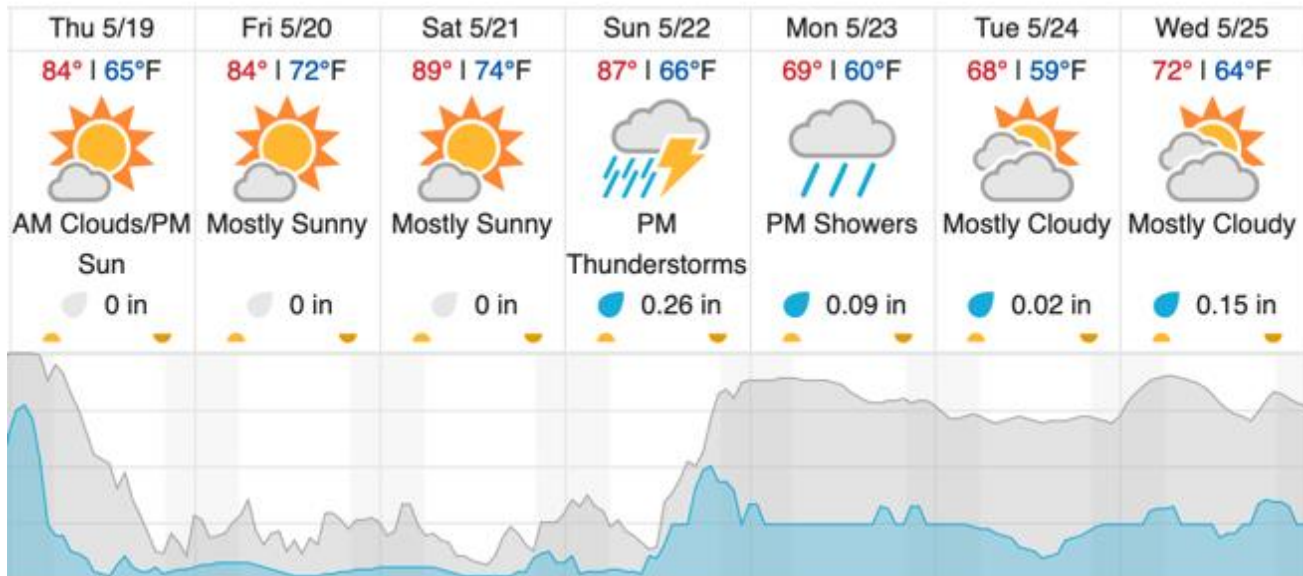
Red: 0% (0/19)

Weather Forecast

Winchester, VA (KOKV, BLAN, SCBI)



Annapolis, MD (SERC)



source: wunderground.com

Flight Collection Plan for May 19 2022

Test Flight:

Flyority 1

Collection Area: Nominal Runway – D02 - KOKV

Flight Plan Name: D02_N02B_Nominal_Runway_Test_v1_PRM.xml

On-station Time: NA

Flight Crew:

Elissa (Lidar), Cam (NIS), Abe (Ground)

Flight Collection Plan for May 20 2022

Flyority 1

Collection Area: Smithsonian Conservation Biology Institute (SCBI)

Flight Plan Name: D02_SCBI_C1_P1_v1_PRM.xml

On-station Time: 1330 UTC / 0930 L

Flyority 2

Collection Area: Smithsonian Environmental Research Center (SERC)

Flight Plan Name: D02_SERC_R1_P1_v1_PRM.xml

On-station Time: 1330 UTC / 0930 L

Flyority 3

Collection Area: Blandy Experimental Farm (BLAN)

Flight Plan Name: D02_BLAN_R2_P1_v3_PRM.xml

On-station Time: 1330 UTC / 0930 L

Flyority 4

Collection Area: Nominal Runway – D02 - KHWY

Flight Plan Name: D02_N02A_Nominal_Runway_Test_v1_PRM.xml

On-station Time: NA

Flyority 5

Collection Area: Nominal Runway – D02 - KOKV

Flight Plan Name: D02_N02B_Nominal_Runway_Test_v1_PRM.xml

On-station Time: NA

Flight Crew:

Cameron (Lidar), Abe (NIS)