



Payload 1 Daily Flight Report



Date: 2022-05-28

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: 5

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: Abe Hours until maintenance: 82.12

Pilots: Justin, Paul

Summary

More promising days, as crews briefly that we might have an opportunity for a clear sky collect over SERC. However quickly building cumulus clouds curbed any ideas of a flight. Better days remain forecasted in front of us as drier conditions are expected to dominate the next few days.

Concerns

Hotel Kit 1 had a degraded RAID on startup today. Instead of trying to remove the the failed drive and replace it with a new one, both disks were reformatted to see if a second formatted would prevent further degradation. This is a new test. If it happens again, a new drive will be used as per our normal procedure.

Comments

Pilot Justin departs D02 tomorrow and is being replaced by Magnus, who arrived this afternoon. Enjoy the time off and thanks for the hard work, Justin.

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: 0% (0/32)
 Green: 0% (0/32)
 Yellow: 0% (0/32)
 Red: 0% (0/32)

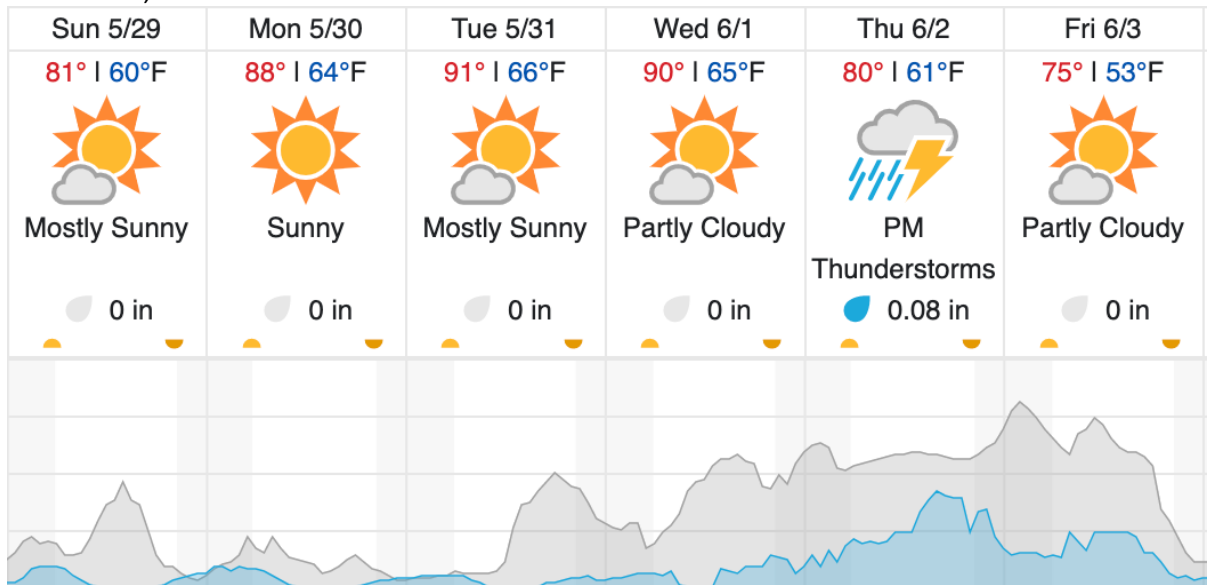
D02 | SERC (Smithsonian Ecological Research Center)

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															

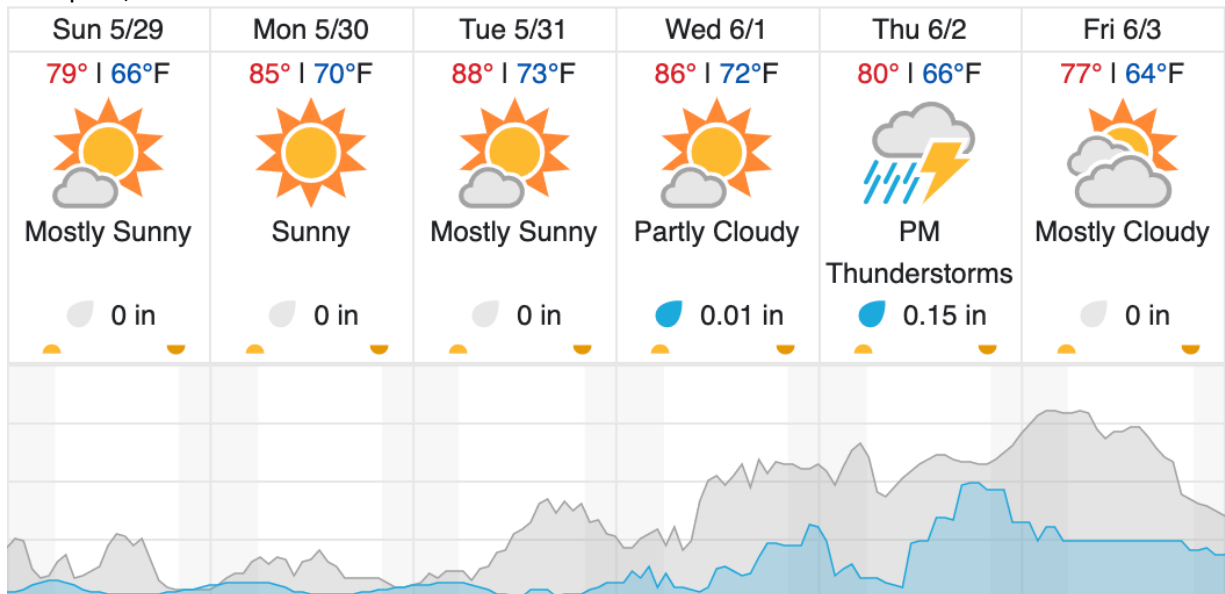
Flown: 0% (0/26)
 Green: 0% (0/26)
 Yellow: 0% (0/26)
 Red: 0% (0/26)

Weather Forecast

Winchester, VA



Annapolis, MD



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

Flight Collection Plan for 29 May 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) *Only if green*

Flight Plan Name: D02_BLAN_R2_P1_v3_PRM.xml

On-station Time: 1330 UTC / 0930 L

Flight Crew:

Abe (Lidar), Mitch (NIS)