



Payload 1 Daily Flight Report



Date: 2023-06-01

Flight Campaign ID: P1C1

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

Aircraft: N331AR

Domain: 02 (Mid-Atlantic), 07 (Appalachians & Cumberland Plateau)

Sites Flown: None

Days left in Domain: 20

Report Author: Abe

Lidar Operators: Abe

Flight Hours: 00:00

Spectrometer Operators: Cameron

Hours until maintenance: 34.80

Pilots: Justin, Will

Summary

Today was a mostly clear day at our sites near Winchester, and the crew was evaluating the lingering haze/smoke layer. However, flights had to be canceled for the day due to an ASO medical issue that has since been resolved. Flights will resume again tomorrow.

Concerns

None

Comments

-The vacuum pump arrived today.

Cumulative Domain Coverage

D02 | BLAN (Blandy Experimental Farm)

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% (0/32)

Green: 0% (0/32)

Yellow: 0% (0/32)

Red: 0% (0/32)

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)

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% (0/31)
Green: 0% (0/31)
Yellow: 0% (0/31)
Red: 0% (0/31)

D02 | SERC (Smithsonian Ecological Research Center)

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% (0/25)
Green: 0% (0/25)
Yellow: 0% (0/25)
Red: 0% (0/25)

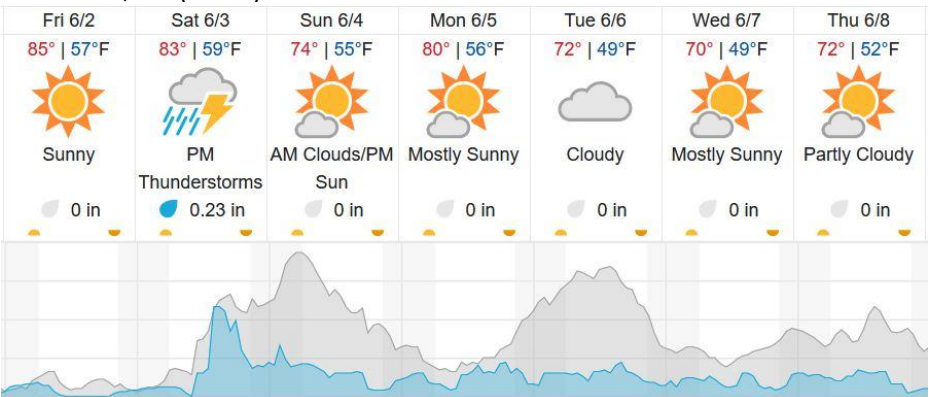
D07 | MLBS (Mountain Lake Biological Station)

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	34							

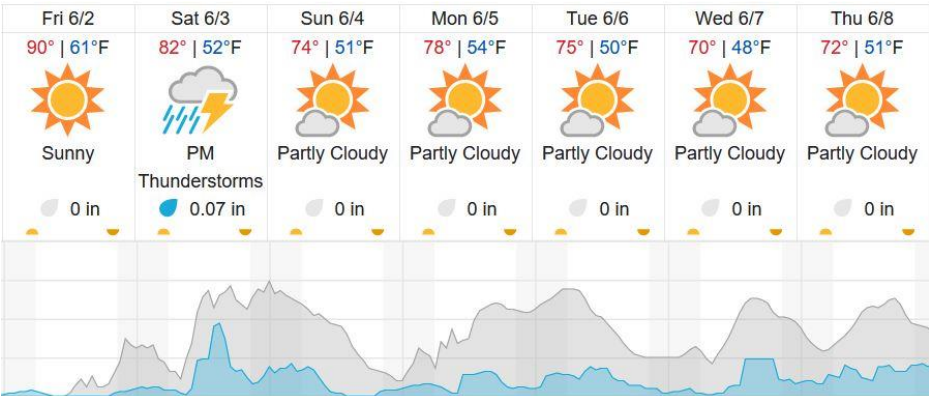
Flown: 0% (0/33)
Green: 0% (0/33)
Yellow: 0% (0/33)
Red: 0% (0/33)

Weather Forecast

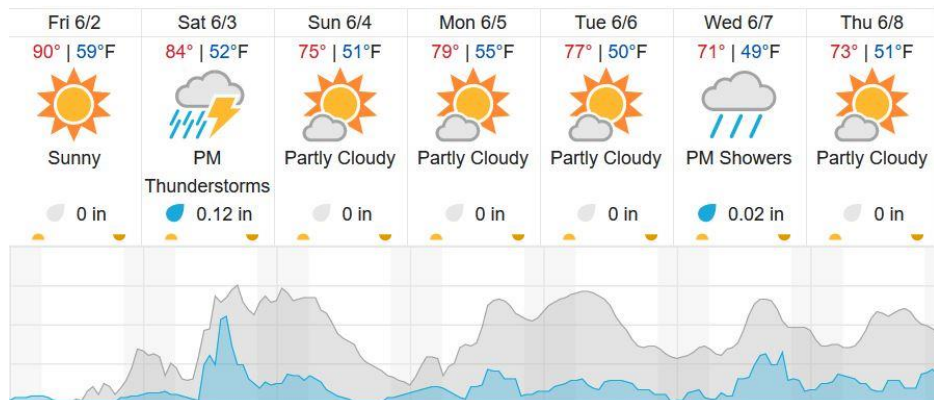
Pembroke, VA (MLBS)



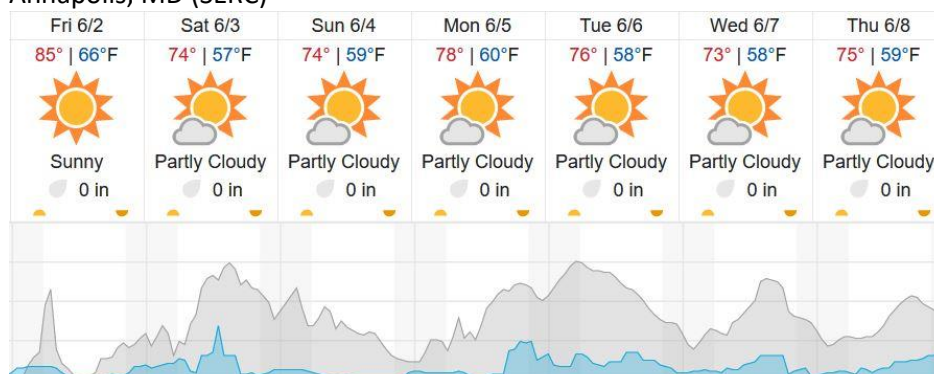
Winchester, VA (BLAN)



Front Royal, VA (SCBI)



Annapolis, MD (SERC)



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

Flight Collection Plan for June 2, 2023

Flyority 1

Collection Area: Mountain Lake Biological Station (MLBS)

Flight Plan Name: D07_MLBS_R1_P1_v7_PRM.xml

On-Station Time: 1340UTC/ 0940 L

Flyority 2

Collection Area: Smithsonian Conservation Biology Institute (SCBI)

Flight Plan Name: D02_SCBI_C1_P1_v2_PRM.xml

On-Station Time: 1330 UTC/ 0930 L

Flyority 3

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 4

Collection Area: Blandy Experimental Farm (BLAN)

Flight Plan Name: D02_BLAN_R2_P1_v3_PRM.xml

On-Station Time: 1330 UTC/ 0930 L

Flyority 5

Collection Area: Nominal Runway – D02 - KOKV

Flight Plan Name: D02_N02B_Nominal_Runway_Test_v1_PRM.xml

On-Station Time: N/A

Crew: Cam (Lidar), Abe (NIS)