



Payload 2 Daily Flight Report

Date: 2026-07-26

Flight Campaign ID: P2C1

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

Aircraft: N821AR

Domain: 02,07 (Training & Calibration)

Sites Flown: None

Days left in Domain: 14

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: Cameron

Hours until maintenance: 102.93

Pilots: Justin, Landon

Summary

Cumulus clouds began building prior to solar angle and persisted throughout the day; no flights occurred.

Concerns

None

Comments

John and Skylar departed and were replaced by Cam and Landon. Thanks for the hard work!

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: 91% (30/33)

Green: 91% (30/33)

Yellow: 0% (0/33)

Red: 0% (0/33)

* Flown within 35deg solar angle

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: 56% (18/32)

Yellow: 44% (14/32)

Red: 0% (0/32)

* Flown within 35deg solar angle

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
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21	22	23	24	25	26
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Flown: 100% (26/26)
 Green: 0% (0/26)
 Yellow: 100% (26/26)
 Red: 0% (0/26)
 * Flown within 35deg solar angle

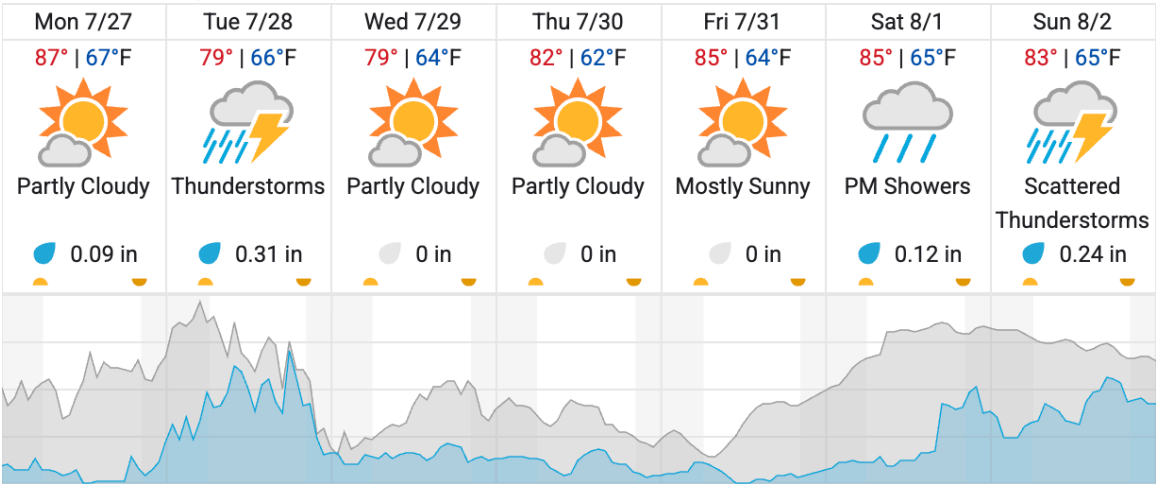
D07 | MLBS (Mountain Lake Biological Station)

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	34						

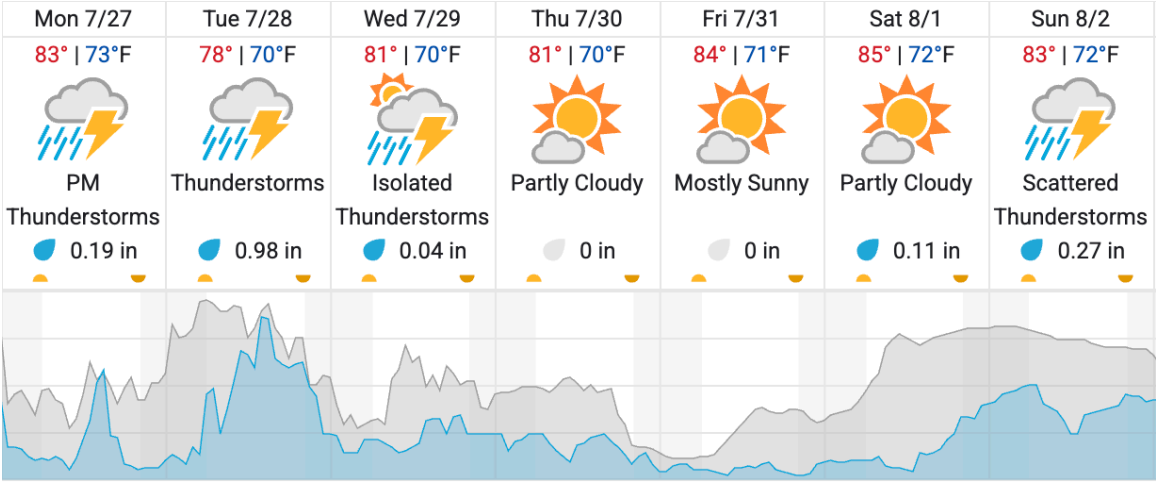
Flown: 50% (17/34)
 Green: 0% (0/34)
 Yellow: 0% (0/34)
 Red: 50% (17/34)
 * Flown within 35deg solar angle

Weather Forecast

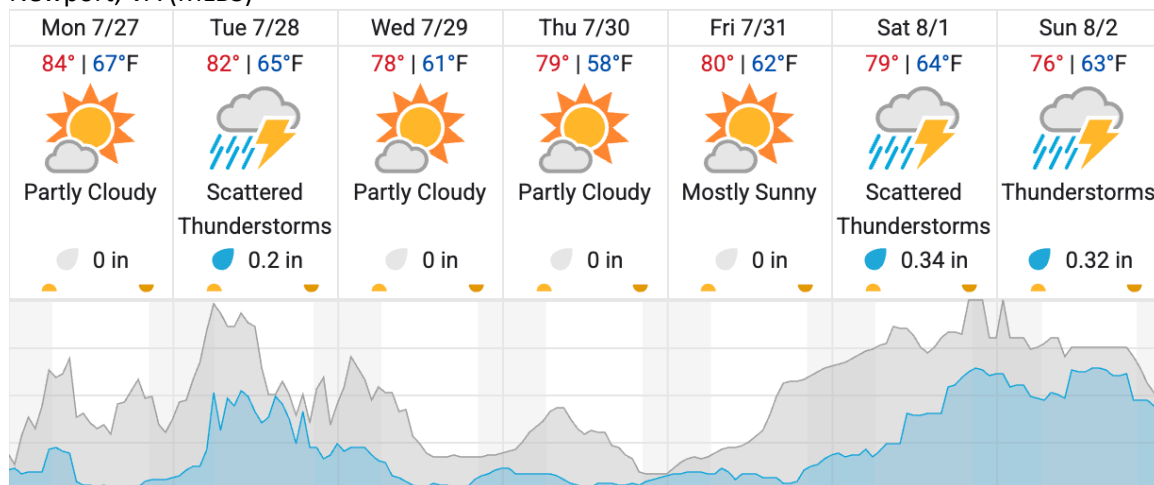
Winchester, VA (BLAN, SCBI)



Annapolis, MD (SERC)



Newport, VA (MLBS)



source: wunderground.com

Flight Collection Plan for 26 July 2026

Flyority 1

Collection Area: Smithsonian Ecological Research Center (SERC) – *Only if green*

Flight Plan Name: D07_SERC_R1_P1_v3_VQ780

40° On-station Time: 13:40 UTC / 09:40 L

Flyority 2

Collection Area: Smithsonian Conservation Biology Institute (SCBI) – *Only if green*

Flight Plan Name: D02_SCBI_C1_P1_v3_VQ780

40° On-station Time: 13:50 UTC / 09:50 L

Flyority 3

Collection Area: Mountain Lake Biological Station (MLBS)

Flight Plan Name: D07_MLBS_R1_P1_v8_VQ780

40° On-station Time: 13:50 UTC / 09:50 L

Flyority 4

Collection Area: Bland Experimental Farm (BLAN)

Flight Plan Name: D02_BLAN_R2_P1_v4_VQ780

40° On-station Time: 14:00 UTC / 10:00 L

Crew: Cam (Lidar), Mitch (NIS)