



Payload 2 Daily Flight Report

Date: 2026-07-12

Flight Campaign ID: P2C1

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

Aircraft: N821AR

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

Sites Flown: None

Days left in Domain: 27

Report Author: John

Lidar Operators: John

Flight Hours: 00:00

Spectrometer Operators: Alyssa

Hours until maintenance: 118.67

Pilots: Justin, Skylar

Summary

Continued clouds and rain covered the region, no flights were conducted.

Concerns

None.

Comments

None.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

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)

* 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: 0% (0/32)

Green: 0% (0/32)

Yellow: 0% (0/32)

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
21	22	23	24	25	26														

Flown: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

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: 0% (0/34)

Green: 0% (0/34)

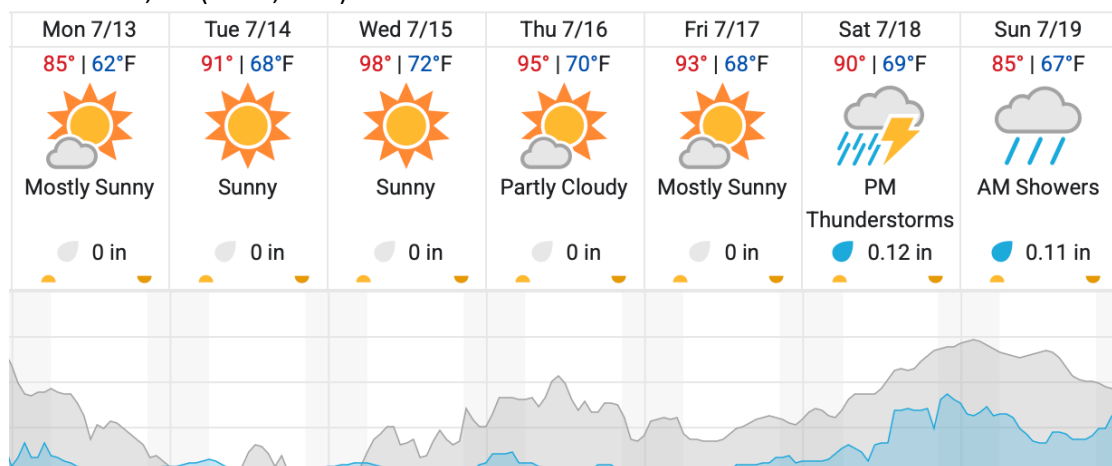
Yellow: 0% (0/34)

Red: 0% (0/34)

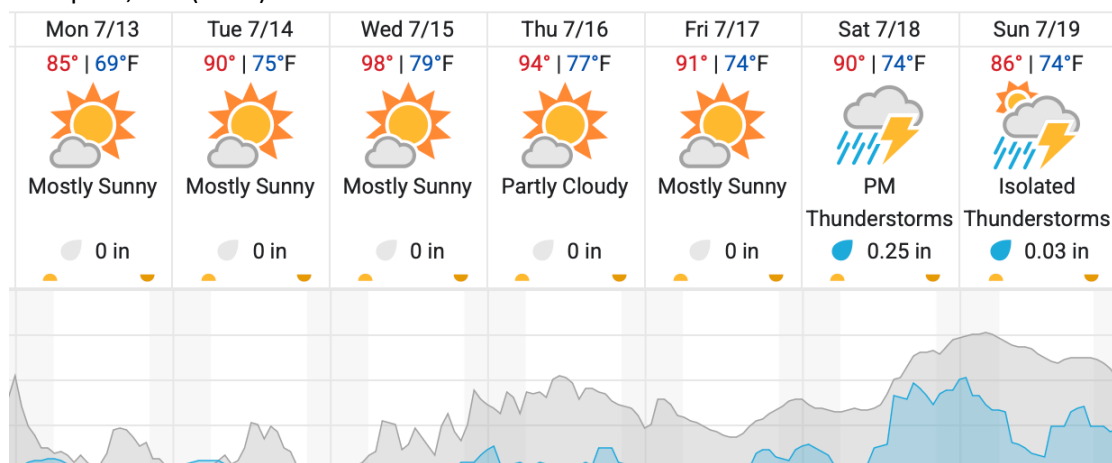
* Flown within 35deg solar angle

Weather Forecast

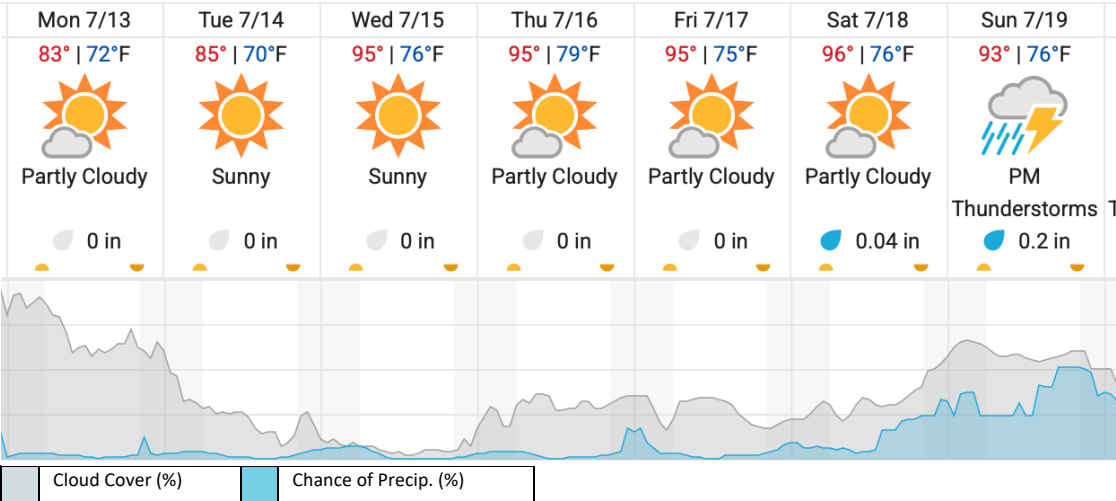
Winchester, VA (BLAN, SCBI)



Annapolis, MD (SERC)



Pembroke, VA (MLBS)



source: wunderground.com

Flight Collection Plan for 13 July 2026

Flyority 1
Collection Area: Smithsonian Ecological Research Center (SERC)
Flight Plan Name: D07_SERC_R1_P1_v3_VQ780
40° On-station Time: 13:30 UTC / 09:30 L

Flyority 2
Collection Area: Smithsonian Conservation Biology Institute (SCBI)
Flight Plan Name: D02_SCBI_C1_P1_v3_VQ780
40° On-station Time: 13:40 UTC / 09:40 L

Flyority 3
Collection Area: Blandy Experimental Farm (BLAN)
Flight Plan Name: D02_BLAN_R2_P1_v4_VQ780
40° On-station Time: 13:40 UTC / 09:40 L

Flyority 4
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

Crew: Alyssa (Lidar), John (NIS)