



Payload 2 Daily Flight Report



Date: 2026-07-25

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: 15

Report Author: John

Lidar Operators: John

Flight Hours: 00:00

Spectrometer Operators: Mitch

Hours until maintenance: 102.93

Pilots: Justin, Skylar

Summary

Plenty of clouds over the mid-Atlantic region today, no flights completed.

Concerns

None.

Comments

MLBS data from 15July is now on the GCS. Cameron to arrive tonight.

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
21	22	23	24	25	26														

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)

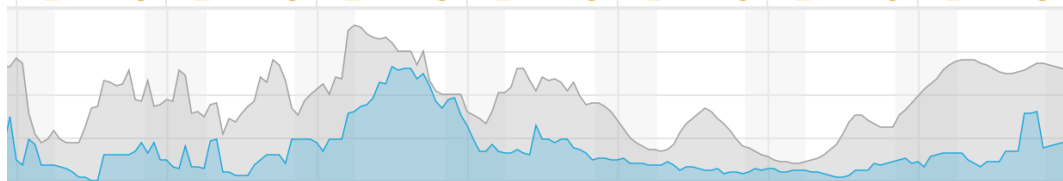
Red: 50% (17/34)

* Flown within 35deg solar angle

Weather Forecast

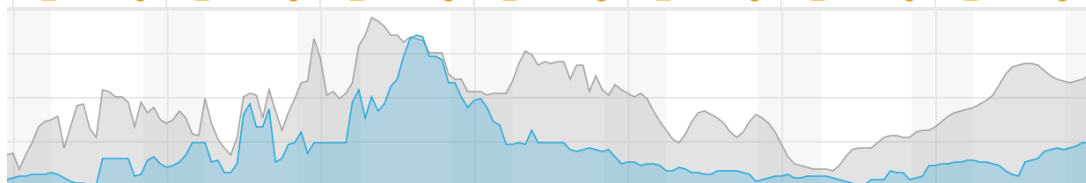
Winchester, VA (BLAN, SCBI)

Sun 7/26	Mon 7/27	Tue 7/28	Wed 7/29	Thu 7/30	Fri 7/31	Sat 8/1
85° 64°F	87° 67°F	81° 66°F	79° 63°F	81° 61°F	85° 63°F	85° 65°F
Partly Cloudy	Partly Cloudy	Thunderstorms	Partly Cloudy	Partly Cloudy	Mostly Sunny	PM Showers
0 in	0.04 in	0.29 in	0 in	0 in	0 in	0.09 in

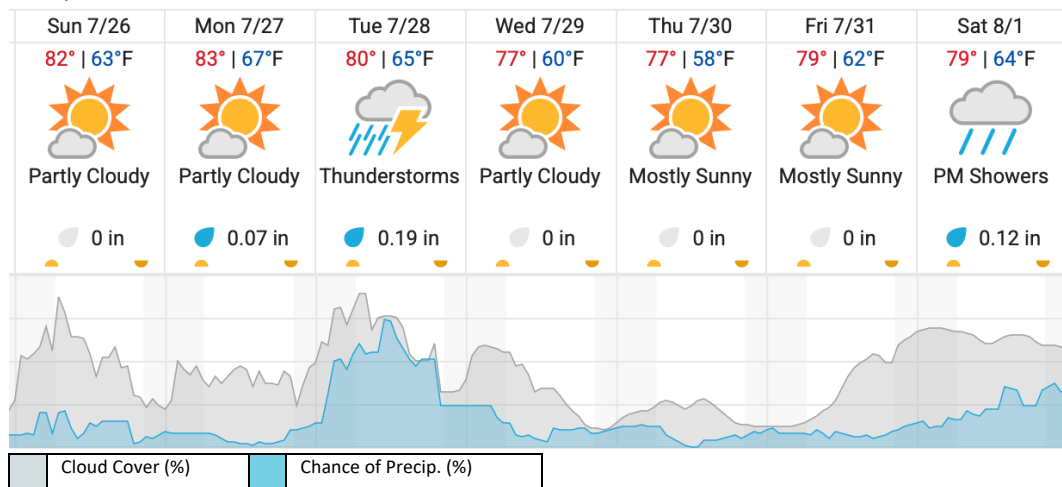


Annapolis, MD (SERC)

Sun 7/26	Mon 7/27	Tue 7/28	Wed 7/29	Thu 7/30	Fri 7/31	Sat 8/1
83° 70°F	84° 72°F	82° 72°F	82° 70°F	82° 70°F	85° 71°F	85° 72°F
Partly Cloudy	Isolated Thunderstorms	Thunderstorms	Mostly Cloudy	Partly Cloudy	Mostly Sunny	Partly Cloudy
0 in	0.2 in	0.5 in	0 in	0 in	0 in	0.02 in



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: Blandy Experimental Farm (BLAN)

Flight Plan Name: D02_BLAN_R2_P1_v4_VQ780

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

Crew: Mitch (Lidar), Cameron (NIS)