

Payload 3 Daily Flight Report

Date: 2025-05-31

Flight Campaign ID: P3C1

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

Aircraft: N821AR

Domain: 02 (Mid-Atlantic)

Sites Flown: None Days left in Domain: 15

Report Author: Mitch

Lidar Operators: Mitch Flight Hours: 00:00

Spectrometer Operators: Elissa Hours until maintenance: 87.00

Pilots: Justin, Rob

Summary

The low-pressure system that's been plaguing the region with clouds and precipitation this week is expected to depart and shift to the northeast, but not before ushering in one final cold front across the region this afternoon. That last front brought enough clouds and scattered rain to keep the crew grounded once again. High pressure is forecasted to start building tonight, establishing more stable and dry conditions that are expected to persist through much of the upcoming week.

Concerns

None

Comments

None

Cumulative Domain Coverage

D02 | BLAN (Blandy Experimental Farm)

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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 | SCBI (Smithsonian Conservation Biology Institute)

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Ī	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)

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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 within 35deg solar angle

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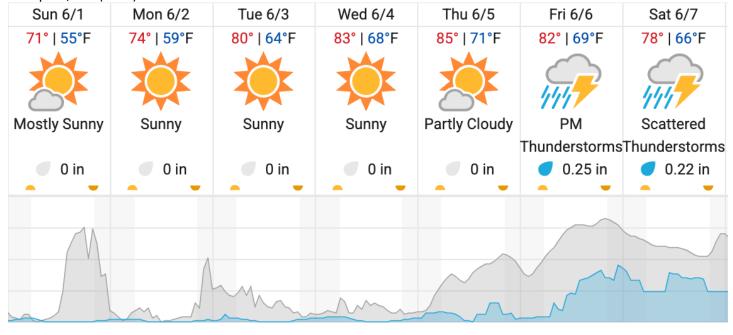
Flown: 0% (0/25) Green: 0% (0/25) Yellow: 0% (0/25) Red: 0% (0/25)

Weather Forecast

Winchester, VA (KOKV, SCBI, BLAN)

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Sun 6/1	Mon 6/2	Tue 6/3	Wed 6/4	Thu 6/5	Fri 6/6	Sat 6/7
70° 45°F	75° 51°F	84° 59°F	89° 65°F	89° 67°F	84° 64°F	76° 61°F
					1111	
Partly Cloudy	Sunny	Sunny	Mostly Sunny	Partly Cloudy	Isolated	AM Showers
					Thunderstorms	
0 in	0 in	0 in	0 in	0 in	0.13 in	0.08 in

Annapolis, MD (SERC)



Cloud Cover (%)
source: wunderground.com

Flight Collection Plan for 1 June 2025

Flyority 1

Collection Area: Blandy Experimental Farm (BLAN)

Chance of Precip. (%)

^{*} Flown within 35deg solar angle

Flight Plan Name: D02_BLAN_R2_P1_v3_Q780

On-Station Time: 1330 UTC / 0930 L

Flyority 2

Collection Area: Smithsonian Conservation Biology Institute (SCBI)

Flight Plan Name: D02_SCBI_C1_P1_v1_Q780

On-Station Time: 1330 UTC / 0930 L

Flyority 3

Collection Area: Smithsonian Ecological Research Center (SERC)

Flight Plan Name: D02_SERC_R1_P1_v2_Q780

On-Station Time: 1330 UTC / 0930 L

Crew: Elissa (Lidar), Mitch (NIS)