



Payload 3 Daily Flight Report



Date: 2025-06-05

Flight Campaign ID: P3C1

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

Aircraft: N821AR

Domain: 02 (Mid-Atlantic)

Sites Flown: None

Days left in Domain: 10

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

Spectrometer Operators: Mitch

Hours until maintenance: 81.67

Pilots: Justin, Rob

Summary

Today saw visibility across D02 further reduced by wildfire smoke. Additionally, cirrus and cumulus were present over all sites. No flights were attempted.

Concerns

None.

Comments

Cam arrives in Winchester this evening. Welcome Cam!

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)

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: 100% (32/32)

Green: 100% (32/32)

Yellow: 0% (0/32)

Red: 0% (0/32)

* Flown within 35deg solar angle

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: 45% (14/31)

Green: 0% (0/31)

Yellow: 0% (0/31)

Red: 45% (14/31)

* Flown within 35deg solar angle

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)

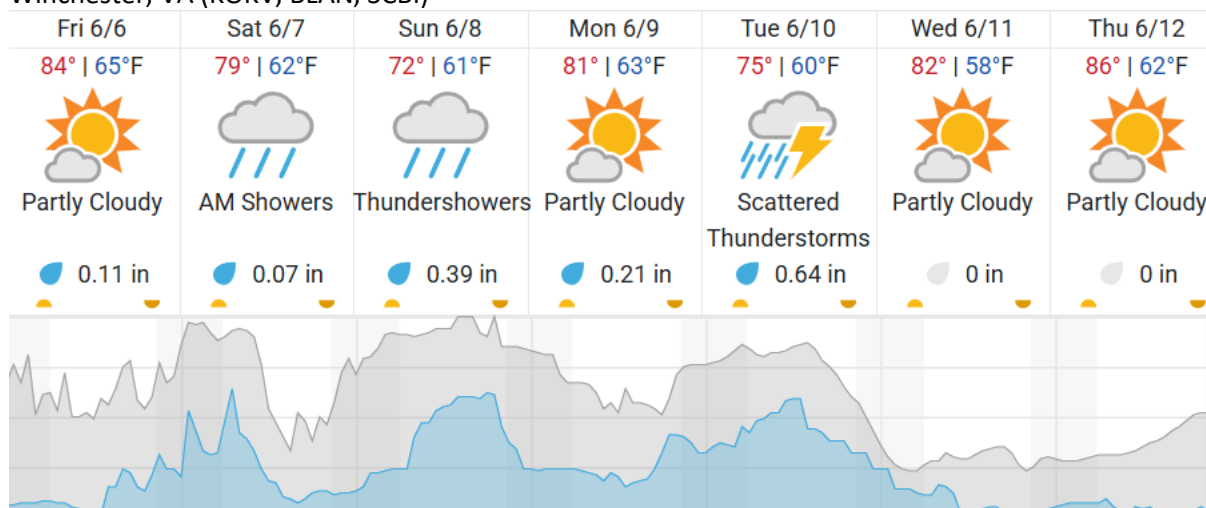
Yellow: 0% (0/25)

Red: 0% (0/25)

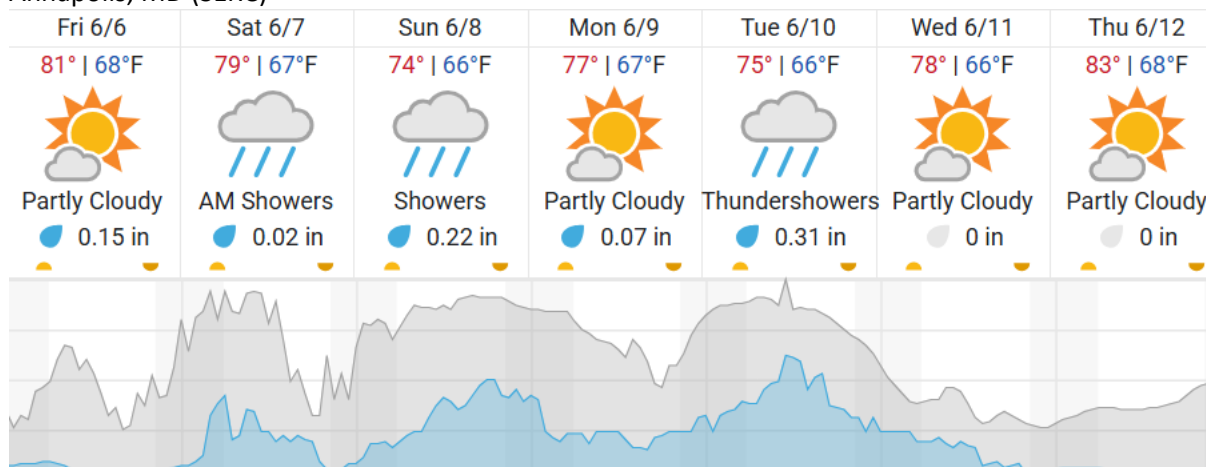
* Flown within 35deg solar angle

Weather Forecast

Winchester, VA (KOKV, BLAN, SCBI)



Annapolis, MD (SERC)



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

Flight Collection Plan for 6 June 2025

Flyority 1

Collection Area: Smithsonian Conservation Biology Institute (SCBI) – *lines 9-25*

Flight Plan Name: D02_SCBI_C1_P1_v1_Q780

On-Station Time: 1330 UTC / 0930 L

Flyority 2

Collection Area: Smithsonian Ecological Research Center (SERC)

Flight Plan Name: D02_SERC_R1_P1_v2_Q780

On-Station Time: 1330 UTC / 0930 L

Flyority 3

Collection Area: Smithsonian Conservation Biology Institute (SCBI) – *re-fly lines 2-8 & 26-32*

Flight Plan Name: D02_SCBI_C1_P1_v1_Q780

On-Station Time: 1330 UTC / 0930 L

Crew: Mitch (Lidar), Elissa (NIS), Cam (Ground)