Payload 1 Daily Flight Report

Date: 2022-05-12
Flight Campaign ID: P1C1
Airport, FBO ID, City: Winchester Regional Airport (KOKV) - Winchester, VA
Aircraft: N331AR

Domain: 02 (Mid-Atlantic)
Sites Flown: None
Days left in Domain: 22

Report Author: Cameron
Lidar Operators: Cameron   **Flight Hours**: 00:00
Spectrometer Operators: Elissa   **Hours until maintenance**: 86.03
Pilots: Magnus , Justin

Summary

The crew coordinated with the lab today and conducted diagnostic troubleshooting to determine the cause of the problem. We removed and inspected several components from the NIS rack. Replacement components have been shipped and will be installed & tested upon arrival.

Concerns

- Potential issue with the NIS PDU.

Comments

- Support equipment arrived from D11.
- Big thanks to Elissa for her amazing technical & analytical skills!

Daily Coverage

Estimated Cloud Cover Key

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

Flight Screenshots: None

Pictures: None

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: 0% (0/33)
Green: 0% (0/33)

Yellow: 0% (0/33)
Red: 0% (0/33)

D02|N02A (D02 Nominal Runway)

1

Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

D02|N02B (D02 Nominal Runway)

1

Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

D02|SCBI (Smithsonian Conservation Biology Institute)

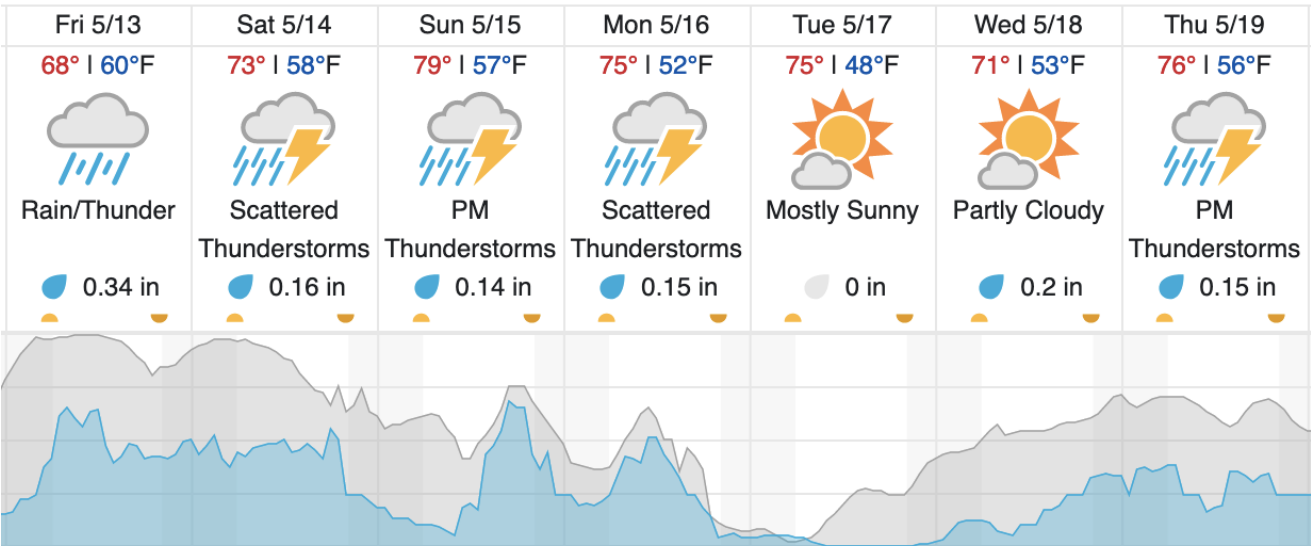| 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32								

Flown: 0% (0/32)
Green: 0% (0/32)
Yellow: 0% (0/32)
Red: 0% (0/32)
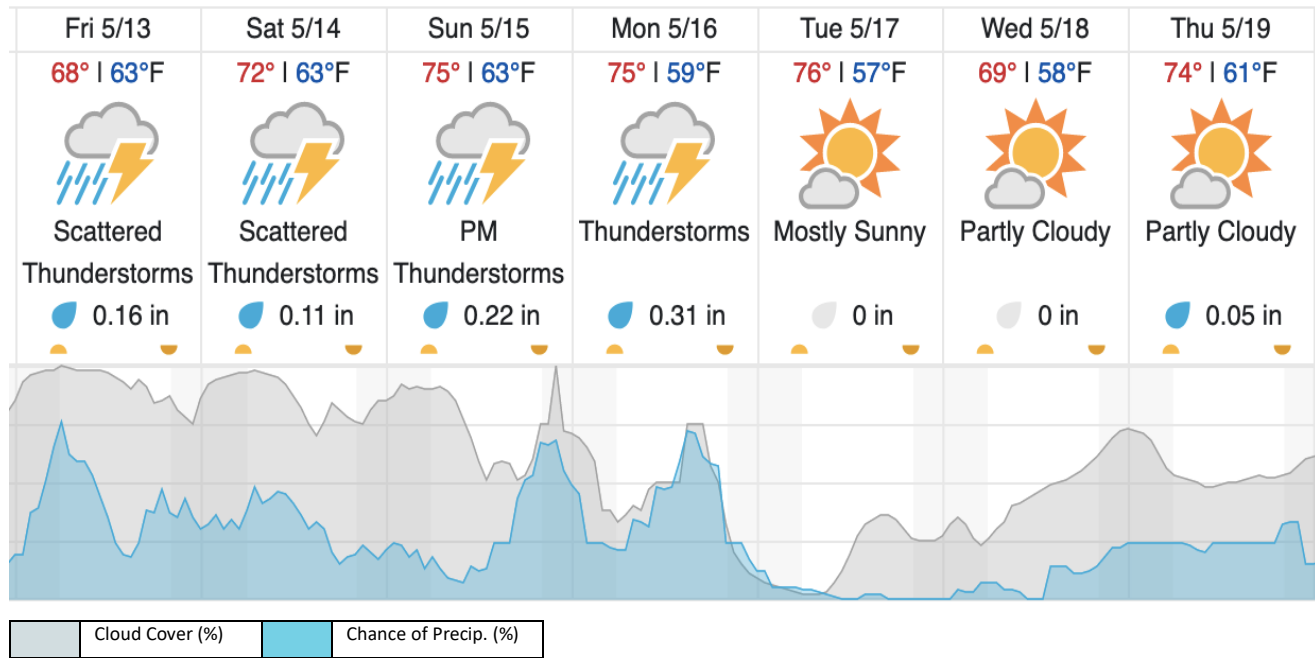

D02|SERC (Smithsonian Ecological Research Center)

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)

Winchester, VA

Fri 5/13	Sat 5/14	Sun 5/15	Mon 5/16	Tue 5/17	Wed 5/18	Thu 5/19
68°	60°F	73°	58°F	79°	57°F	75°	52°F	75°	48°F	71°	53°F	76°	56°F
Rain/Thunder	Scattered Thunderstorms	PM Thunderstorms	Scattered Thunderstorms	Mostly Sunny	Partly Cloudy	PM Thunderstorms
0.34 in	0.16 in	0.14 in	0.15 in	0 in	0.2 in	0.15 in

Annapolis, MD

Fri 5/13	Sat 5/14	Sun 5/15	Mon 5/16	Tue 5/17	Wed 5/18	Thu 5/19
68° | 63°F	72° | 63°F	75° | 63°F	75° | 59°F	76° | 57°F	69° | 58°F	74° | 61°F
Scattered Thunderstorms	Scattered Thunderstorms	PM Thunderstorms	Thunderstorms	Mostly Sunny	Partly Cloudy	Partly Cloudy
0.16 in	0.11 in	0.22 in	0.31 in	0 in	0 in	0.05 in

Cloud Cover (%)   Chance of Precip. (%)

source: wunderground.com

Flight Collection Plan for 13 May 2022

Troubleshoot NIS system – no flights planned.
Crew: Elissa and Cam