



Payload 1 Daily Flight Report



Date: 2022-05-17
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: 16

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

Summary

Spare Eaton ECS was installed along with new power cable. The original P1 PDU was inspected and reinstalled. System was turned on and pumping and cooling was resumed.

Concerns

Damage also observed to Eaton ECS port 6 and corresponding cable on Payload 2 in the lab.

Comments

Payload 3 inspected their Eaton after their flight today and did not see evidence of damage. A procedure was drafted for regular inspection of the cable and port in question.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

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)

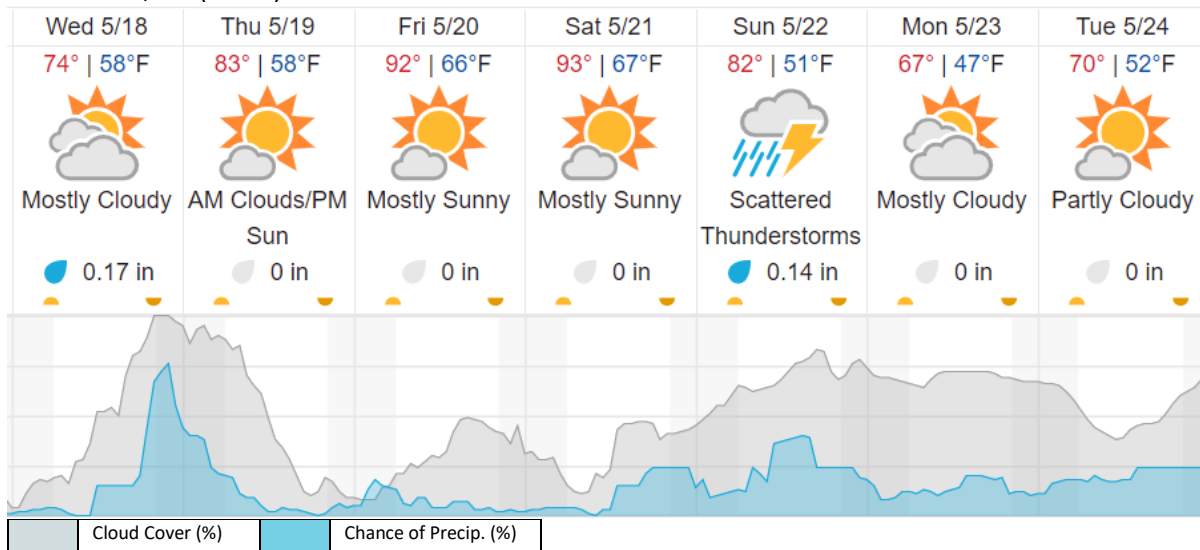
D02 | T02A ()

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
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Flown: 0% (0/19)
 Green: 0% (0/19)
 Yellow: 0% (0/19)
 Red: 0% (0/19)

Weather Forecast

Winchester, VA (KOKV)



source: wunderground.com

Flight Collection Plan for 18 May 2022

Continue pumping and cooling – No flights planned. Potential test flight to be conducted 19 May.

Crew: Cameron (Lidar), Elissa (NIS)