



Payload 1 Daily Flight Report



Date: 2023-06-15

Flight Campaign ID: P1C1

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

Aircraft: N331AR

Domain: 02 (Mid-Atlantic), 07 (Appalachians & Cumberland Plateau)

Sites Flown: None

Days left in Domain: 6

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:28

Spectrometer Operators: Elissa

Hours until maintenance: 25.53

Pilots: Cullen, Justin

GPS Instruments: 07 - FBO_KOKV

Summary

Crew took off this morning in hopes of collecting green data over SCBI, however the flight was quickly aborted after the pilots noticed the BTS fuel pressure circuit breaker had been popped. After landing and consulting with mechanics back in Colorado, it was determined that the Otter would remain grounded until the fuel pressure switch is replaced. The replacement part is being overnighted to Winchester and should be repaired tomorrow, hopefully in time to resume flights this weekend.

Concerns

None

Comments

None

Cumulative Domain Coverage

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: 0% (0/32)

Green: 0% (0/32)

Yellow: 0% (0/32)

Red: 0% (0/32)

D02 | N02B (D02 Nominal Runway)

1

Flown: 100% (1/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 100% (1/1)

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: 0% (0/31)

Green: 0% (0/31)

Yellow: 0% (0/31)
 Red: 0% (0/31)

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)

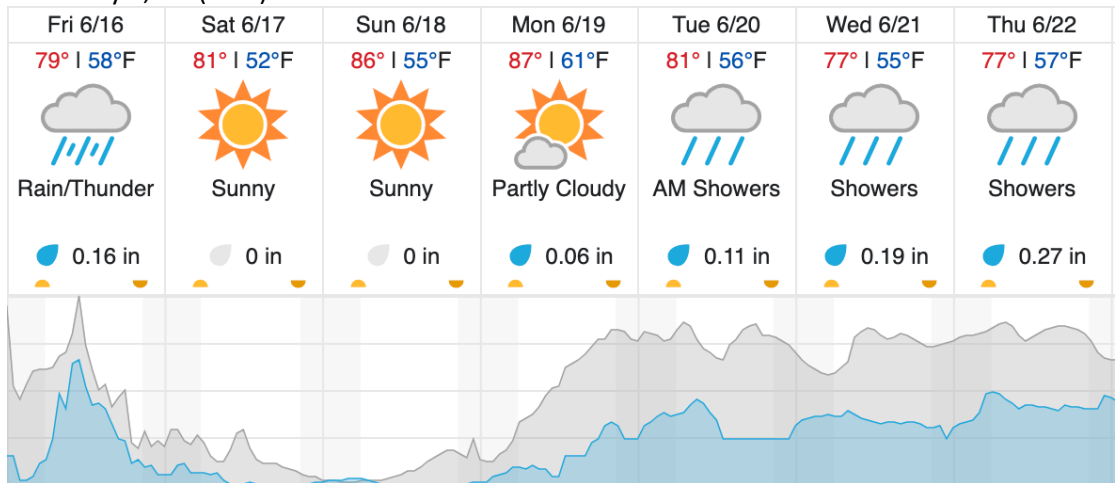
D07 | MLBS (Mountain Lake Biological Station)

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								

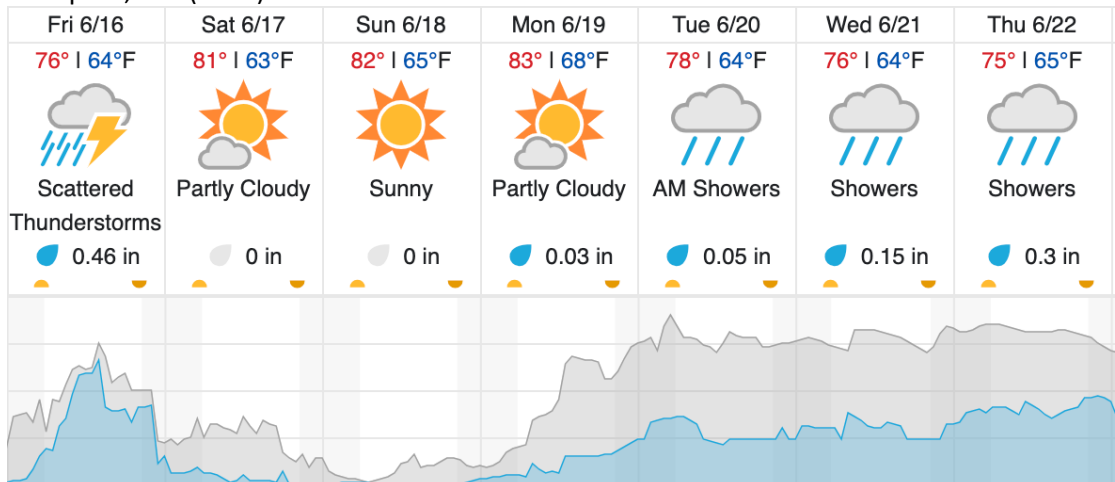
Flown: 100% (33/33)
 Green: 97% (32/33)
 Yellow: 3% (1/33)
 Red: 0% (0/33)

Weather Forecast

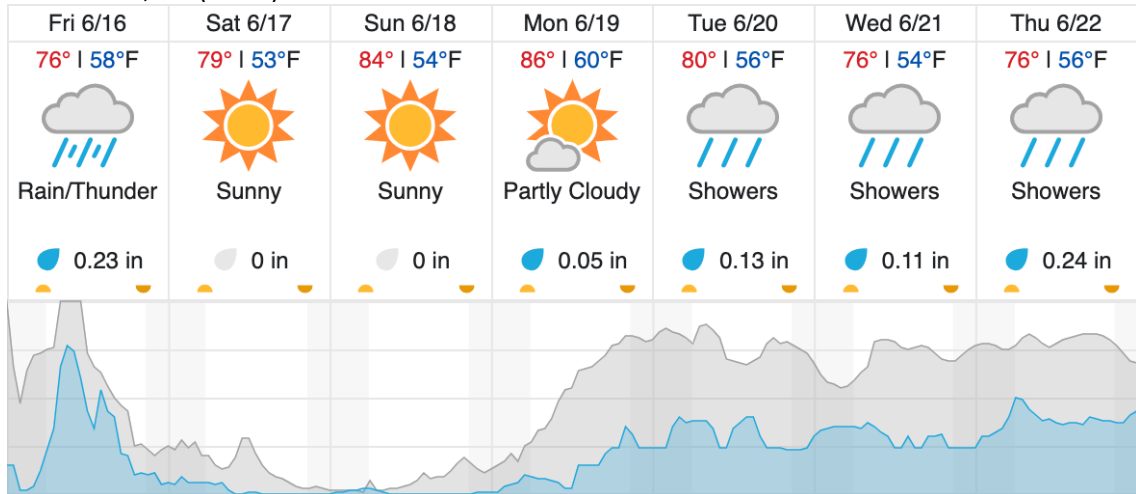
Front Royal, VA (SCBI)



Annapolis, MD (SERC)



Winchester, VA (BLAN)



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

Flight Collection Plan for June 16, 2023

No flights planned till fuel pressure switch is replaced.

Crew: Elissa (Lidar), Mitch (NIS)