



## May 19, 2019 Payload 2 Daily Flight Report



**Date:** 2019-05-19

**Flight Campaign ID:** 2019\_P2C1

**Airport, FBO ID, City:** Manassas Regional (KHEF) - Manassas, VA

**Domain:** 02

**Sites Flown:** None

**Days left in Domain:** 16

**Report Author:** Abe Morrison

**Flight Crew:** Abe Morrison, Mitch Haynes

**Ground/GPS:** Michael Wussow

**Pilots:** Justin Eddington, Mark Solper

**Additional Personnel:**

**GPS Instruments:**

**Flight Hours:** 00:00

**Hours until maintenance:** 38.57

### Summary

Clouds again today at all of the sites eliminated collection flights.

### Concerns

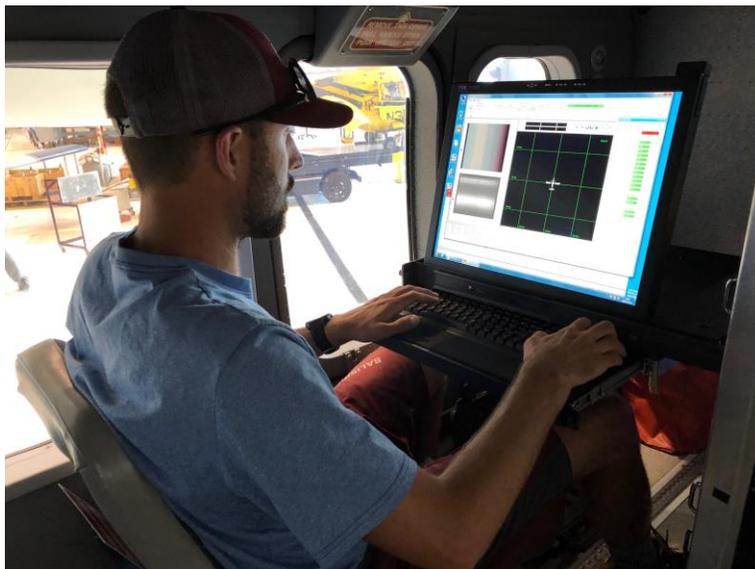
--A faulty fuel boost pump in the plane will be fixed during our scheduled no-fly day this Tuesday. The faulty boost pump has not caused any flight delays and the plane is still operational as it is. TOIL is sending a mechanic to perform the work.

### Comments

--The mercury lamp calibration test was completed today.

--Mike Wussow collected drone video footage over the BLAN tower site today.

### Pictures



Mitch Haynes completing the mercury lamp test at the NIS operators position in the Otter. Pic by Abe M.



Blandy Experimental Farm tower site. Pic by Mike Wussow.

**Cumulative Domain Coverage**

**BLAN**

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)

**N02A**

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

**SCBI**

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)

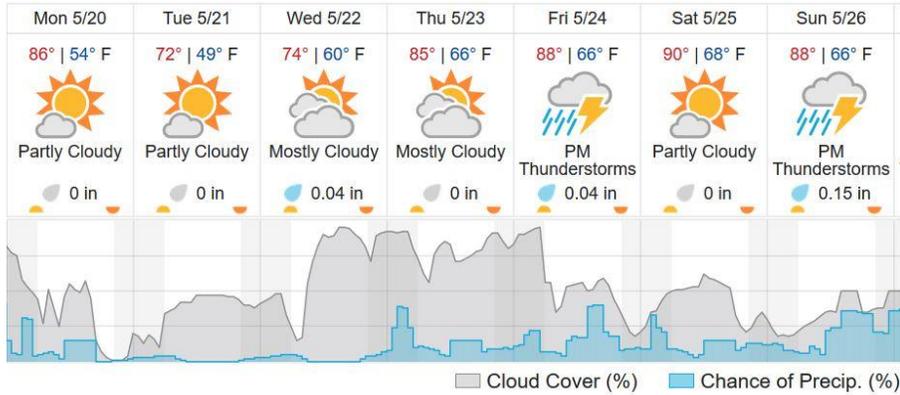
**SERC**

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															

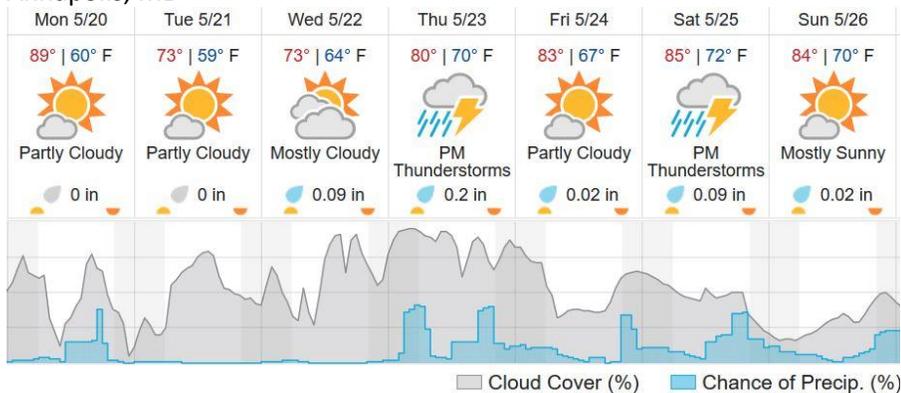
Flown: 54% (14/26)  
 Green: 23% (6/26)  
 Yellow: 31% (8/26)  
 Red: 0% (0/26)

## Weather Forecast

### Front Royal, VA



### Annapolis, MD



## Flight Collection Plan for 20 May 2019

### Flyority1:

Collection Area: Smithsonian Conservation Biology Institute (SCBI)

Flight Plan Name: D02\_SCBI\_C1\_P1\_v1.pln

On Station Time: 09:40 L / 13:40 UTC

### Flyority2:

Collection Area: Smithsonian Ecological Research Center (SERC)

\*\*Lines 2-4 & 18-26 If "Green" Conditions, include lines 5-11

Flight Plan Name: D02\_SERC\_R1\_P1\_v1.pln

On Station Time: 09:30 L / 13:30 UTC

### Flyority3:

Collection Area: Blandy Experimental Farm (BLAN)

Flight Plan Name: D02\_BLAN\_R2\_P1\_v2.pln

On Station Time: 09:40 L / 13:40 UTC

### Flyority4:

Collection Area: Nominal Runway – D02

Flight Plan Name: D02\_N02A\_Nominal\_Runway\_Test\_v1.pln

On Station Time: N/A

**Crew:** Abe Morrison (**LiDAR**), Mitch Haynes (**NIS**), Mike Wussow (**Ground/GPS**)

## Flight Collection Plan for 21 May 2019

Scheduled no-fly day. No flights planned.