



May 16, 2019 Payload 2 Daily Flight Report



**Date:** 2019-05-16  
**Flight Campaign ID:** 2019\_P2C1  
**Airport, FBO ID, City:** Manassas Regional (KHEF) - Manassas, VA

**Domain:** 02  
**Sites Flown:** None  
**Days left in Domain:** 19

**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**

Lots of low cumulus clouds today at all of the sites. No collection flights were conducted.

**Concerns**

--None

**Comments**

--Raid 2019\_P2C1\_09 was shipped to the data center today.

**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)

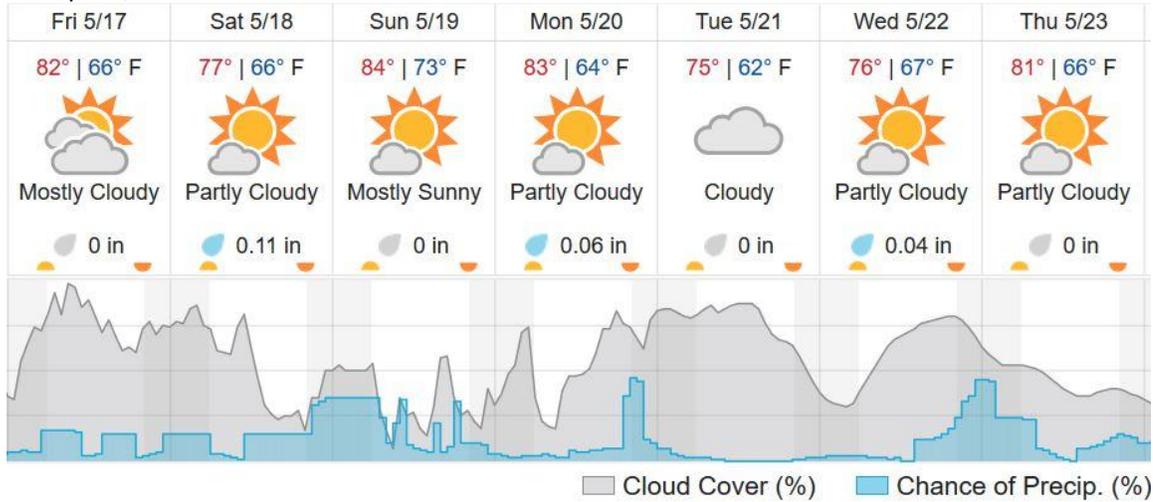
**SERC**

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															

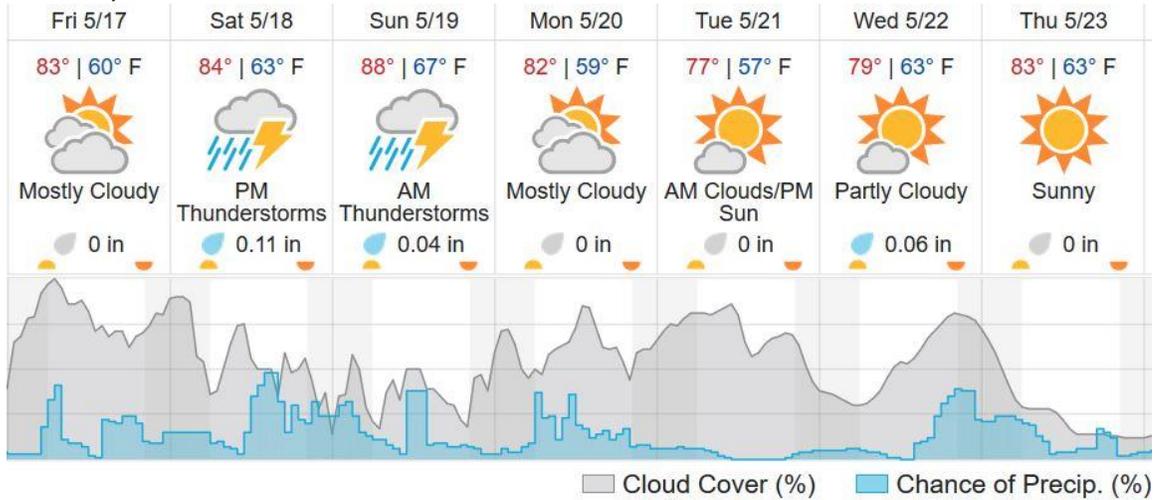
Flown: 54% (14/26)  
 Green: 23% (6/26)  
 Yellow: 31% (8/26)  
 Red: 0% (0/26)

**Weather Forecast**

**Annapolis, MD**



**Front Royal, VA**



### **Flight Collection Plan for 17 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:** Mike Wussow (**LiDAR**), Abe Morrison (**NIS**), Mitch Haynes (**Ground/GPS**)

### **Flight Collection Plan for 18 May 2019**

**Flyority 1 – 4** Same as previously day

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