



June 2, 2019 Payload 2 Daily Flight Report



**Date:** 2019-06-02  
**Flight Campaign ID:** 2019\_P2C1  
**Airport, FBO ID, City:** Manassas Regional (KHEF) - Manassas, VA

**Domain:** 02  
**Sites Flown:** None  
**Days left in Domain:** 2

**Report Author:** Cameron Chapman  
**Flight Crew:** Cameron Chapman, Abe Morrison  
**Ground/GPS:** Mitch Haynes  
**Pilots:** Justin Eddington, Chad Evans  
**Additional Personnel:**  
**GPS Instruments:** n/a

**Flight Hours:** 0:00  
**Hours until maintenance:** 24.80

**Summary**

Cloudy skies were observed across all D02 sites today. No opportunity to improve data quality. The current forecast for Monday and Tuesday appear promising to collect under nominal "Green" science conditions.

**Concerns**

- P2's Telemetry system not sending scheduled status updates

**Comments**

- RAID 10 is being prepared for shipment tomorrow.
- P2 is scheduled to depart D02 Wednesday June 5th

**Flight Screenshots:** None

**Daily Coverage:** None

**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: 100% (33/33)  
Green: 0% (0/33)  
Yellow: 0% (0/33)  
Red: 103% (34/33)

**N02A**

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Flown: 100% (1/1)  
Green: 0% (0/1)  
Yellow: 0% (0/1)  
Red: 100% (1/1)

**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								

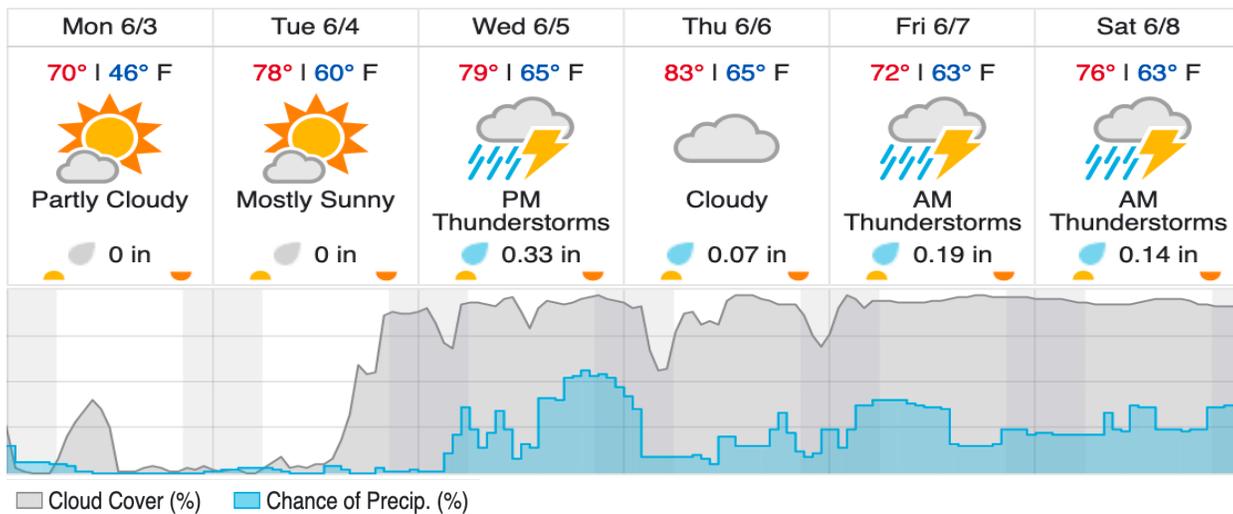
Flown: 100% (32/32)  
 Green: 0% (0/32)  
 Yellow: 0% (0/32)  
 Red: 103% (33/32)

**SERC**

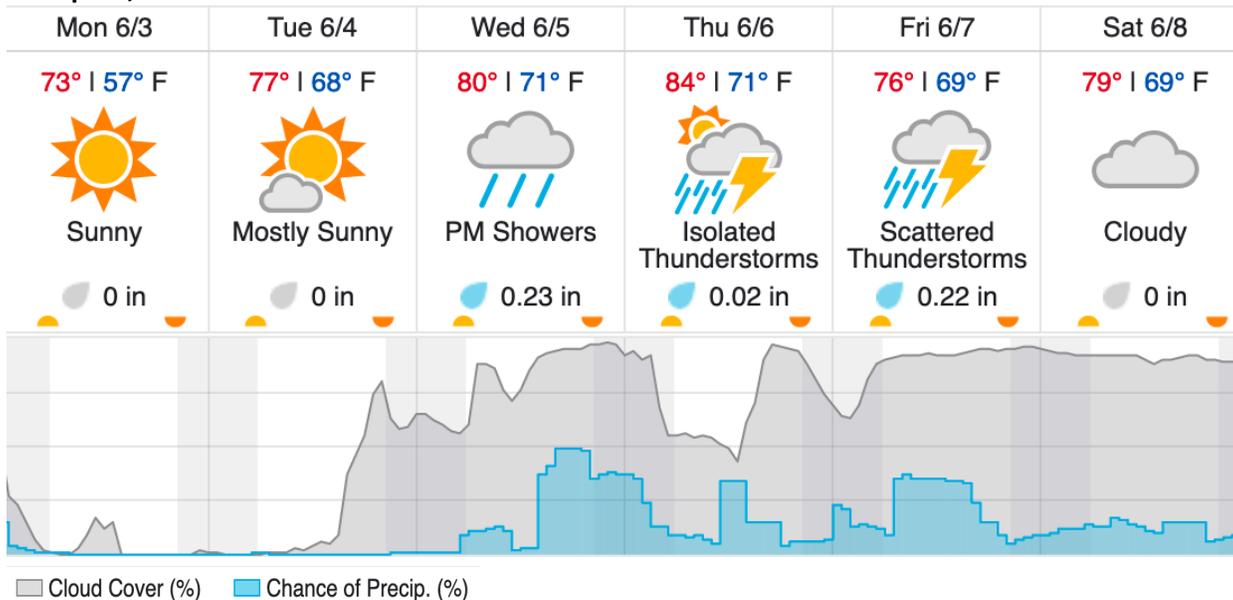
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26														

Flown: 100% (26/26)  
 Green: 23% (6/26)  
 Yellow: 31% (8/26)  
 Red: 50% (13/26)

**Weather Forecast**  
**Front Royal, VA**



**Annapolis, MD**



### **Flight Collection Plan for 3 June 2019**

#### **Flyority1:**

Collection Area: Smithsonian Conservation Biology Institute (SCBI)

\*\*If "Green" Conditions

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

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

#### **Flyority2:**

Collection Area: Smithsonian Ecological Research Center (SERC)

\*\*Lines 1-11 & 18-26 If "Green" Conditions

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)

\*\*If "Green" Conditions

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

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

**Crew:** Mitch Haynes (Lidar), Cameron Chapman (NIS), Abe Morrison (Ground/GPS)

### **Flight Collection Plan for 4 June 2019**

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

**Crew:** Abe Morrison (Lidar), Mitch Haynes (NIS), Cameron Chapman (Ground/GPS)