



May 18, 2019 Payload 2 Daily Flight Report



Date: 2019-05-18
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Manassas Regional (KHEF) - Manassas, VA

Domain: 02
Sites Flown: None
Days left in Domain: 17

Report Author: Mitch Haynes
Flight Crew: Mitch Haynes, Michael Wussow
Ground/GPS: Abe Morrison
Pilots: Justin Eddington, Mark Solper
Additional Personnel:
GPS Instruments:

Flight Hours: 00:00
Hours until maintenance: 38.57

Summary

Clouds continue to plague the region. Crew continues to wait for next clear collect day to continue flights.

Concerns

None

Comments

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: 0% (0/33)
 Green: 0% (0/33)
 Yellow: 0% (0/33)
 Red: 0% (0/33)

N02A

1

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								

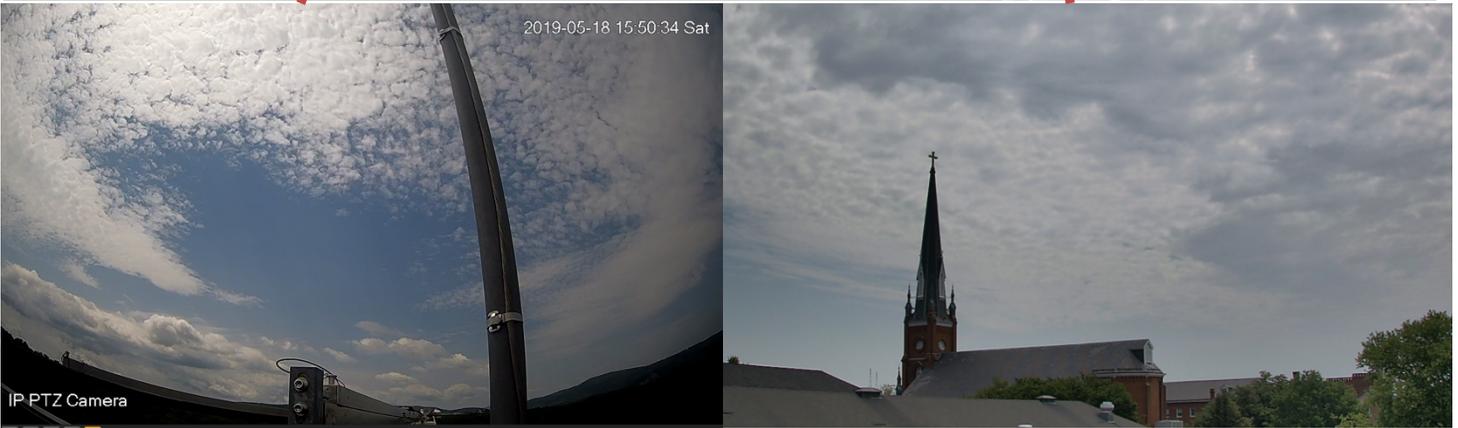
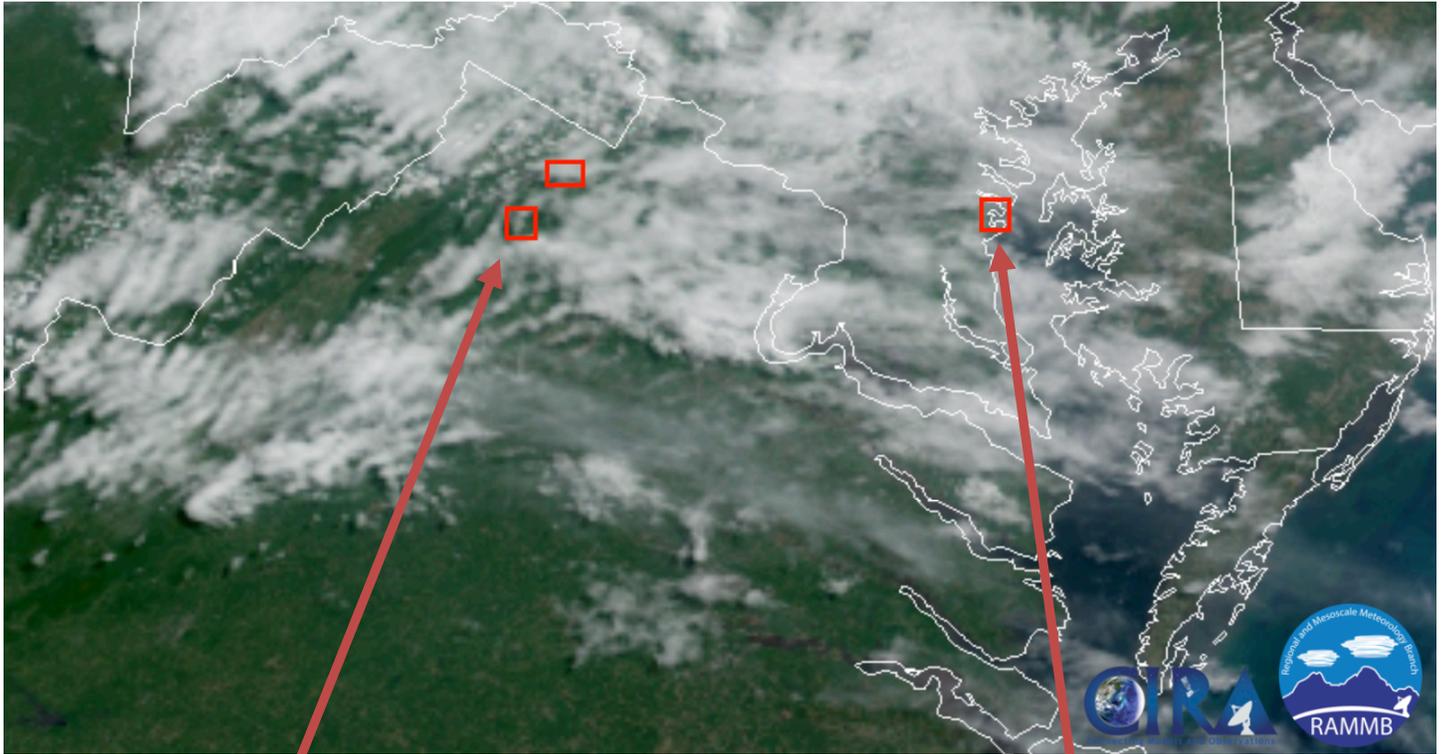
Flown: 0% (0/32)
 Green: 0% (0/32)
 Yellow: 0% (0/32)
 Red: 0% (0/32)

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)

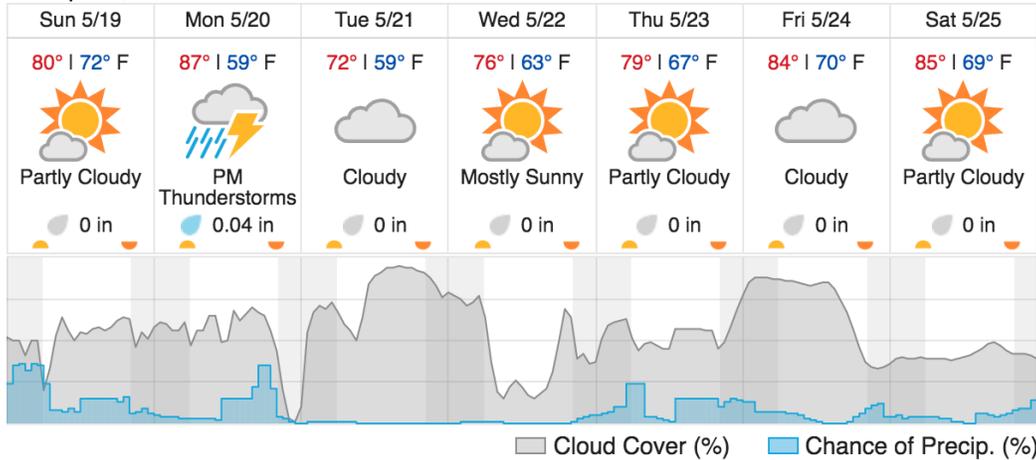
Pictures



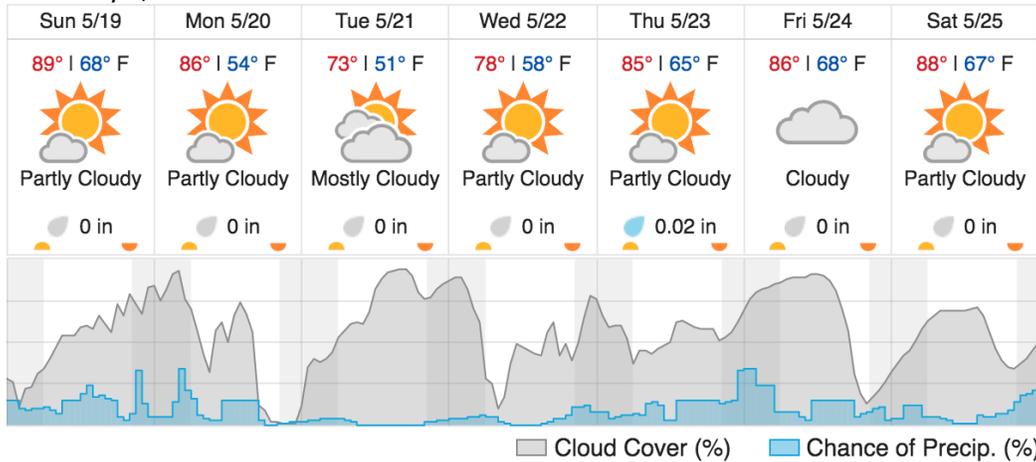
Top: Satellite imagery from noon today showing cloud coverage across the region. This was verified by our tower camera at the SCBI Tower (bottom left) and another webcam from Annapolis, just north of the SERC flight box.

Weather Forecast

Annapolis, MD



Front Royal, VA



Flight Collection Plan for 19 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 20 May 2019

Flyority 1 – 4 Same as previously day

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