



May 13, 2019 Payload 2 Daily Flight Report



Date: 2019-05-13

Flight Campaign ID: 2019_P2C1

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

Domain: 02

Sites Flown: None

Days left in Domain: 22

Report Author: Abe Morrison

Flight Crew: Abe Morrison

Ground/GPS:

Pilots: Justin Eddington, Mark Solper

Additional Personnel:

GPS Instruments: 01 - BONA, C-FAI1

Flight Hours: 1:47, 1:24, 01:05

Hours until maintenance: 40.82

Summary

After a stormy day yesterday which stymied the AOP tranist to D2, the skies this morning in Tuscaloosa were bright and clear. The crew started the journey to Manassas Virginia and quickly ran into low clouds and cold tempratures. Thanks to the professionalism and expertise of our pilots, we were able to safley navigate thunderstorms and icing conditions to arrive at our D02 home, The APP Jet Center at Manassas Regional Airport. The system needed to be powered down for most of the day due to flying through IFR conditions. The spectrometer is currently being pumped back down and cooled, and should be ready for collections sometime tomorrow.

Concerns

--A new cabin environmental sensor has been shipped to the hotel for the crew to install in the plane.

Comments

--Due to the GPS CORS station we use for the SERC site being offline, GPS 08 was deployed on the SERC property.

--Mitch Haynes arrived today.

Pictures



Roanoke-Blacksburg Regional Airport, Virginia. Pic By Abe M.



Pilots Justin and Mark. Pic By Abe M.



Pic of Abe M. By Abe M.

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)

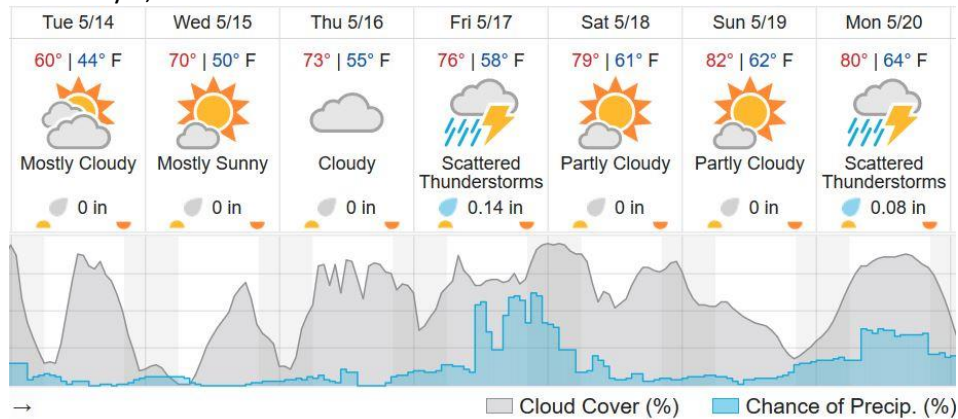
SERC

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														

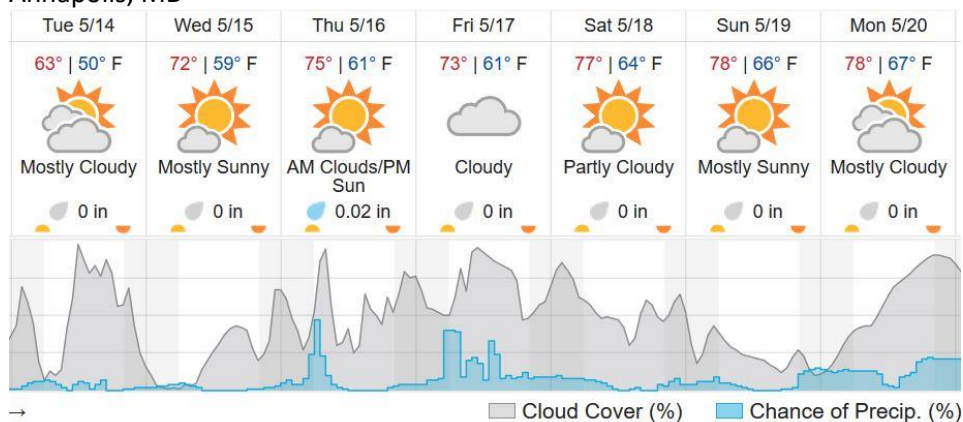
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Weather Forecast

Front Royal, VA



Annapolis, MD



Flight Collection Plan for 14 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)

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

Flight Collection Plan for 15 May 2019

Flyority 1 – 4 Same as previously briefed

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