



May 30, 2019 Payload 2 Daily Flight Report



Date: 2019-05-30

Flight Campaign ID: 2019_P2C1

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

Domain: 02

Sites Flown: none

Days left in Domain: 5

Report Author: Cameron Chapman

Flight Crew: Cameron Chapman, Abe Morrison

Ground/GPS: Mitch Haynes

Pilots: Chad Evans, Mark Solper

Additional Personnel: none

GPS Instruments: n/a

Flight Hours: 00:00

Hours until maintenance: 31.25

Summary

Cloudy skies and isolated thunderstorms in the area today. No flights were conducted.

Concerns

A few issues remain with the waveform data extraction on HK2.

Comments

- The flight crew went to SERC to repair a broken GPS tripod leg.
- A tour of the AOP is scheduled for tomorrow afternoon between 2 – 4 pm

Flight Screenshots: None

Pictures: A few minor repairs to the SERC GPS.



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: 61% (20/33)
 Green: 0% (0/33)
 Yellow: 0% (0/33)
 Red: 61% (20/33)

N02A

1																			
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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: 81% (26/32)
 Green: 0% (0/32)
 Yellow: 0% (0/32)
 Red: 81% (26/32)

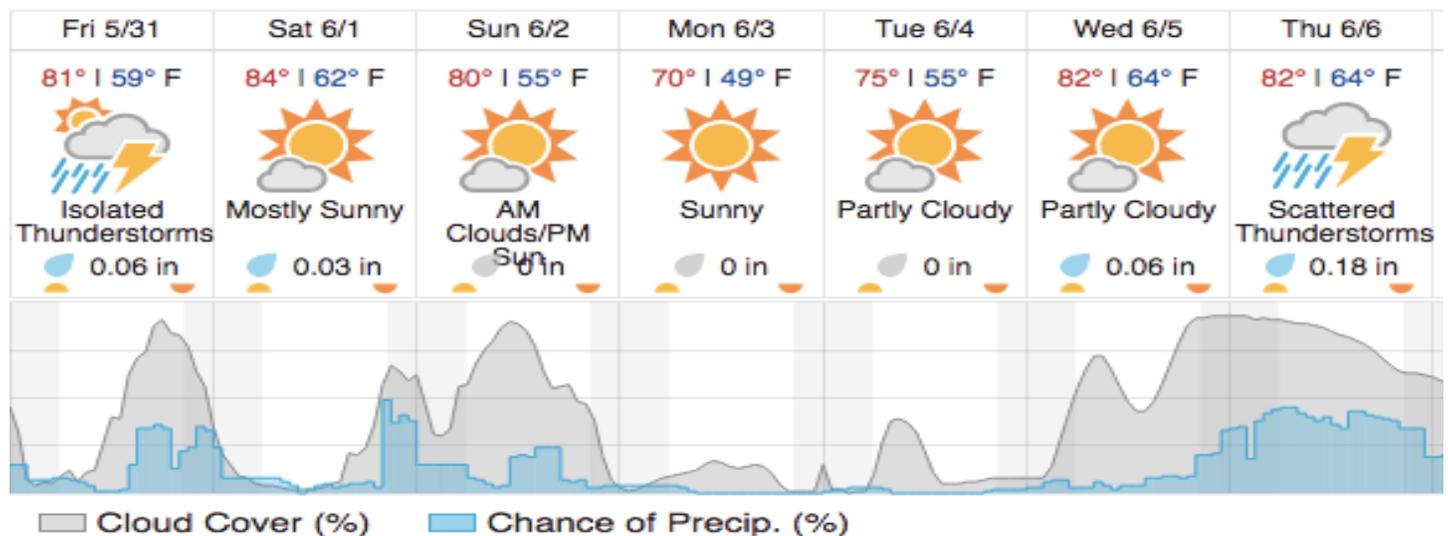
SERC

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															

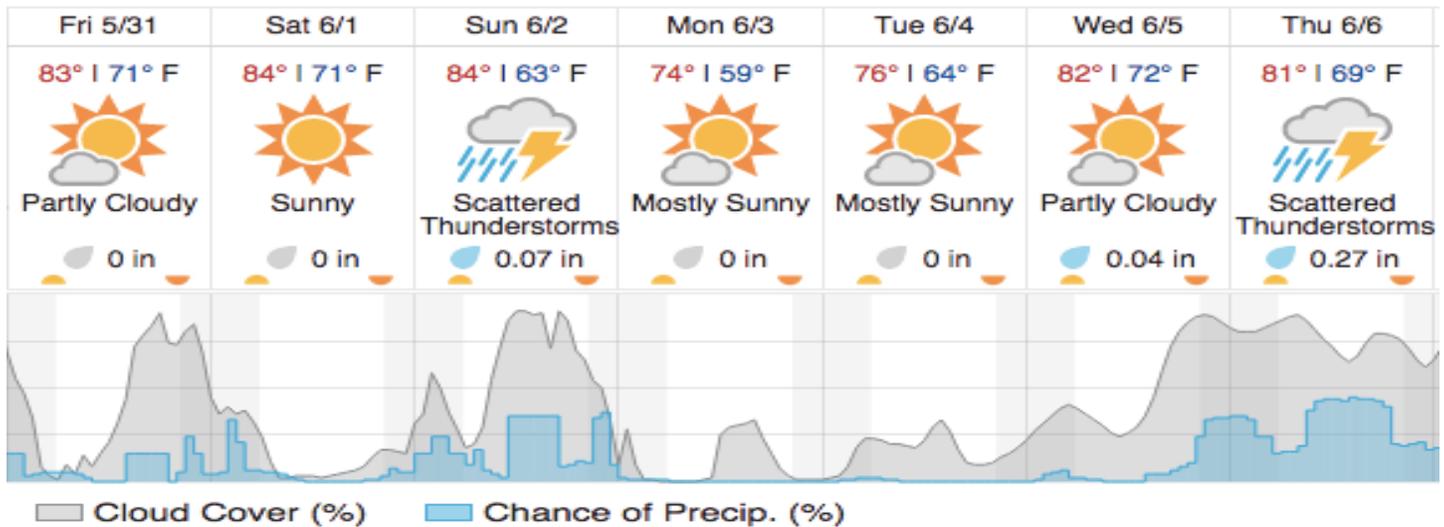
Flown: 54% (14/26)
 Green: 23% (6/26)
 Yellow: 31% (8/26)
 Red: 0% (0/26)

Weather Forecast

Front Royal, VA



Annapolis, MD



Flight Collection Plan for 31 May 2019

Flyority1:

Collection Area: Smithsonian Conservation Biology Institute (SCBI)

**Lines 2-7 If "Green" Conditions, include lines 8-32

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)

**Lines 12-23, 33 If "Green" Conditions, include lines 2-11, 24-32

Flight Plan Name: D02_BLAN_R2_P1_v2.pln

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

Crew: (LiDAR) Mitch Haynes (NIS) Cameron Chapman (Ground/GPS) Abe Morrison

Flight Collection Plan for 1 June 2019

Flyority 1 – 4 Same as previous day

Crew: (LiDAR) Abe Morrison (NIS) Mitch Haynes (Ground/GPS) Cameron Chapman