



## Payload 3 Daily Flight Report



**Date:** 2020-07-15

**Flight Campaign ID:** P3C1

**Airport, FBO ID, City:** Topeka Regional Airport (KFOE) - Topeka, KS

**Domain:** 06 (Prairie Peninsula)

**Sites Flown:** None

**Days left in Domain:** 1

**Report Author:** Elissa Barris

**Lidar Operators:** Elissa Barris

**Flight Hours:** 00:00

**Spectrometer Operators:** Mitch Haynes

**Hours until maintenance:** 0.00

**Pilots:** Justin Eddington, Lane Taylor

**GPS Instruments:** 01 - FBO\_KFAT, 02 - TEAK

### Summary

All data has been QA'd and reviewed by AOP Science; data quality requirements have been met, allowing an early departure from D06. The plane has been prepared for transit to D05 tomorrow morning.

### Concerns

None.

### Comments

The payload was shut down this morning at 10:30L to allow the spectrometer to fully warm up over the course of today and tomorrow. Pumping and cooling will begin once in D05 either Thursday evening or Friday morning.

### Cumulative Domain Coverage

*Cross strips have been removed to reflect accurate domain coverage.*

D06 | KONZ\_KONA (Konza Prairie Biological Station and Relocatable Agricultural Site)

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	34	35	36	37	38						

Flown: 100% (35/35)

Green: 100% (35/35)

Yellow: 0% (0/35)

Red: 0% (0/35)

D06 | MCDI (McDiffett Creek )

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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Flown: 100% (19/19)

Green: 100% (19/19)

Yellow: 0% (0/19)

Red: 0% (0/19)

D06 | UKFS (University of Kansas Field Station )

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% (25/25)

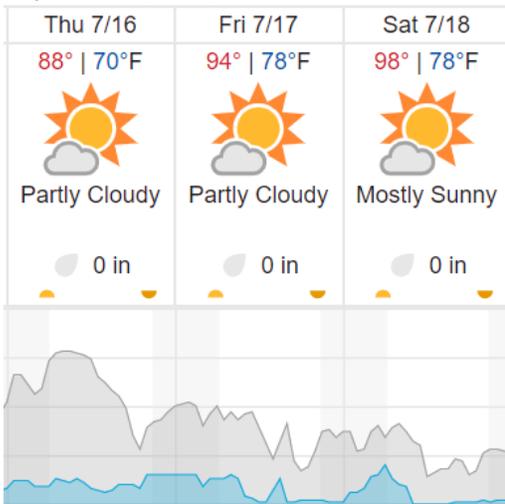
Green: 100% (25/25)

Yellow: 0% (0/25)

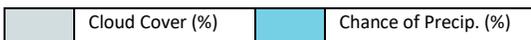
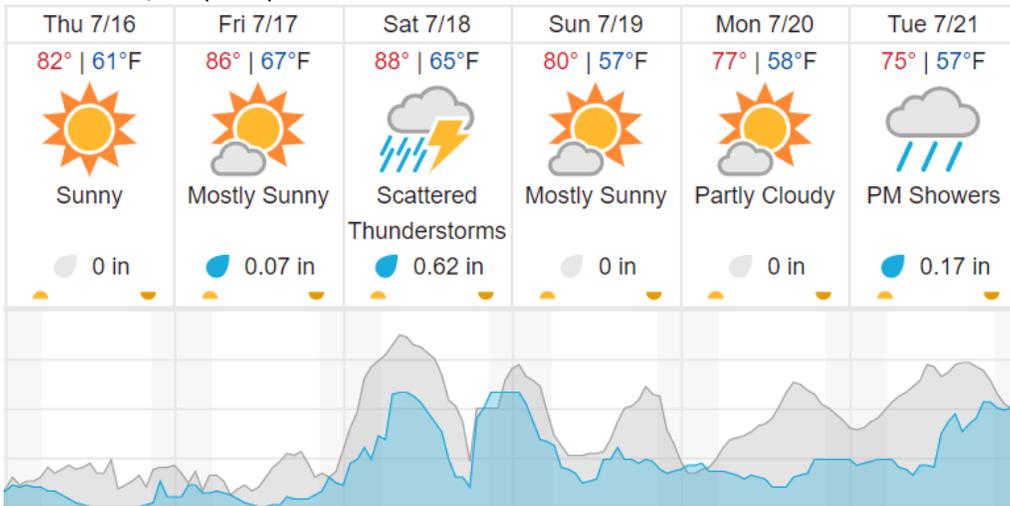
Red: 0% (0/25)

## Weather Forecast

Topeka, KS (KFOE)



Rhineland, WI (KRHI)



### Flight Collection Plan for 16 July 2020

Transit to D05 – Rhineland, WI (KRHI)

Crew: Mitch Haynes (Lidar), Elissa Barris (NIS/GPS)

### Flight Collection Plan for 17 July 2020

Pumping and cooling of Spectrometer

Crew: Elissa Barris (Lidar), Mitch Haynes (NIS/GPS)