



Payload 3 Daily Flight Report



Date: 2020-07-06

Flight Campaign ID: P3C1

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

Domain: 06 (Prairie Peninsula)

Sites Flown: Transit (KBDU - KSLN - KFOE)

Days left in Domain: 11

Report Author: Mitch Haynes

Lidar Operators: Mitch Haynes

Spectrometer Operators: Elissa Barris

Pilots: Justin Eddington, Micah Hoogeveen

Ground Crew: Cameron Chapman, Matt DeVoe

Flight Hours: 02:38 + 00:46

Hours until maintenance: 75.03

GPS Instruments: n/a

Summary

Crew successfully navigated around some thunderstorms this afternoon to complete the transit from Boulder to Topeka in anticipation of D06 surveys set to begin tomorrow.

Concerns

None

Comments

- GPS 03 was retrieved from RMNP. Data will be uploaded to the ECS tonight.
- RAID 2020_P3C1_03 was shipped to the Denver Data Center.
- The AOP Permanent GPS Station at UKFS is back online and logging. New power cable appears to have solved the issue. Thanks to Abe Morrison and Sheena Parsons for their effort troubleshooting this issue.
- Thanks to Matt DeVoe and Cameron Chapman for their help in packing the aircraft and seeing the crew off this morning.

Pictures: P3 Crew departing Boulder for Topeka. Photo courtesy of Cameron Chapman.



Cumulative Domain Coverage

D06 | KONZ_KONA (Konza Prairie Biological Station and Relocatable Agricultural Site)

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	34	35	36	37	38		

Flown: 0% (0/38)

Green: 0% (0/38)

Yellow: 0% (0/38)

Red: 0% (0/38)

D06 | UKFS (University of Kansas Field Station)

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: 0% (0/26)

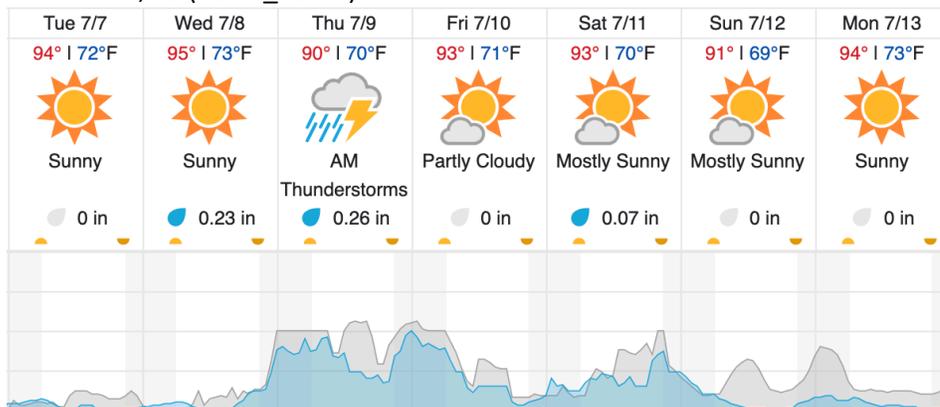
Green: 0% (0/26)

Yellow: 0% (0/26)

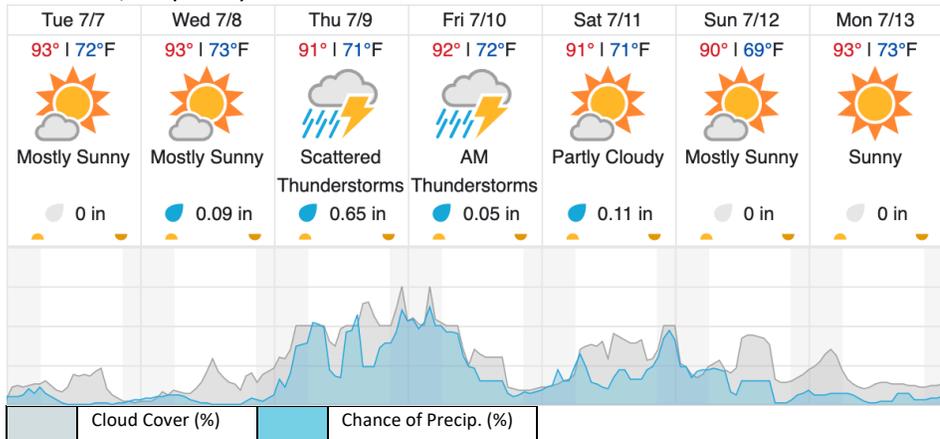
Red: 0% (0/26)

Weather Forecast

Manhattan, KS (KONZ_KONA)



Lawrence, KS (UKFS)



Cloud Cover (%)

Chance of Precip. (%)

Flight Collection Plan for 07 July 2020

Flyority 1

Collection Area: Konza Prairie Biological Station (KONZ) – Konza Agricultural Site (KONA)

Flight Plan Name: D06_KONZ_KONA_C1_P1_v4_Q780

On-station Time: 0950 L / 1450 UTC

Flyority 2

Collection Area: University of Kansas Field Station (UKFS)

Flight Plan Name: D06_UKFS_R1_P1_v3_Q780

On-station Time: 0950 L / 1450 UTC

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