



May 23, 2019 Payload 3 Daily Flight Report



Date: 2019-05-23

Flight Campaign ID: 2019_P3C1

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

Domain: 06

Sites Flown: UKFS (University of Kansas Field Station)

Days left in Domain: 4

Report Author: Elissa Barris

Flight Crew: Elissa Barris, Michael Wussow

Ground/GPS: John Adler

Pilots: Gina Moore, Stephen Brawders

Additional Personnel: None

GPS Instruments: 03 - FBO_KFOE, 00 - AOP_UKFS

Flight Hours: 02:02

Hours until maintenance: 42.82

Summary

Initial data collected for UKFS tower airshed and TOS priority lines in red cloud conditions. Flights were cut short due to increasingly lower clouds.

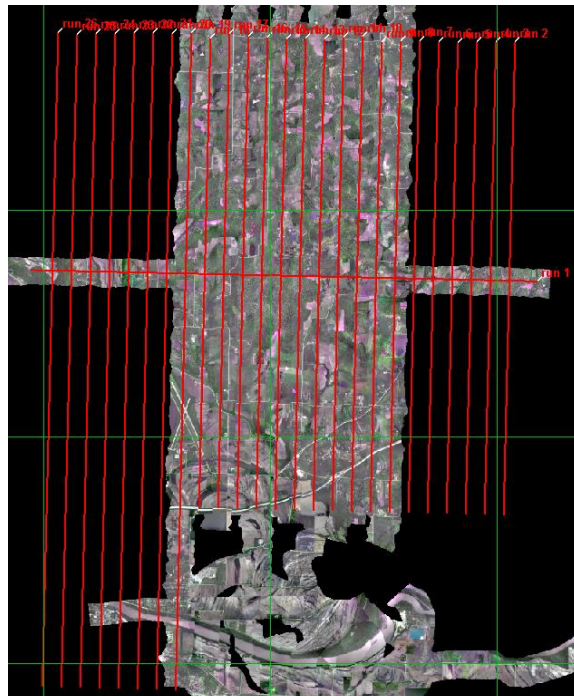
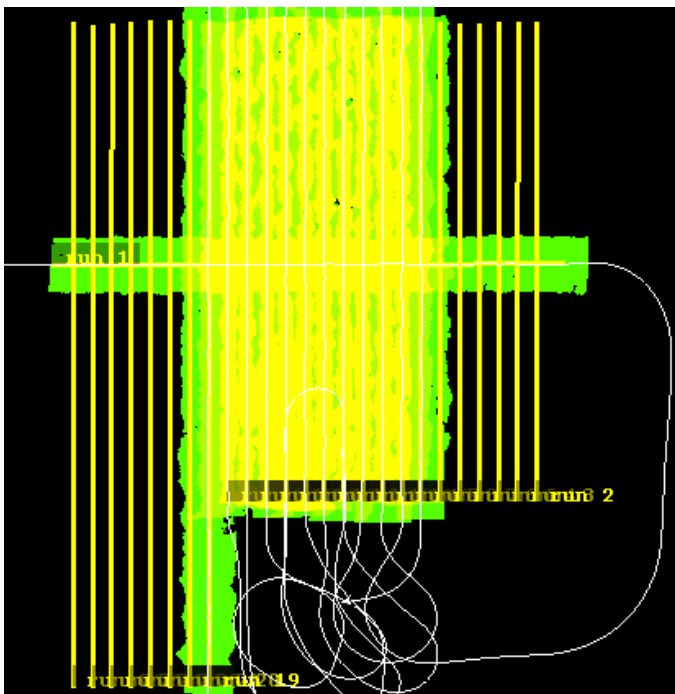
Concerns

None

Comments

The NIS will be warmed up next Monday 5/27 prior to Tuesday's transit to D05. It will be pumped back down upon arrival in D05, allowing for IFR transit if needed. No equipment will need to be shipped to D05.

Flight Screenshots



Pictures



Low clouds over UKFS

Daily Coverage

D06 UKFS	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	×	NL
	8				✓	✓	×	NL
	9				✓	✓	×	NL
	10				✓	✓	×	NL
	11				✓	✓	×	NL
	12				✓	✓	×	NL
	13				✓	✓	×	NL
	14				✓	✓	×	NL
	15				✓	✓	×	NL
	16				✓	✓	×	NL
	17				✓	✓	×	NL
	18				✓	✓	×	NL
	19				✓	✓	×	NL
Flown:	13							

Cumulative Domain Coverage

KONZ_KONA

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: 100% (38/38)

Green: 0% (0/38)

Yellow: 50% (19/38)

Red: 53% (20/38)

UKFS

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: 50% (13/26)

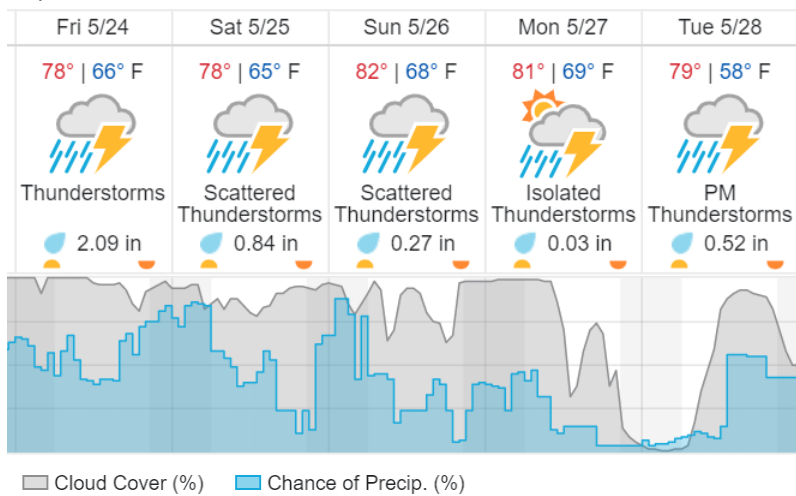
Green: 0% (0/26)

Yellow: 0% (0/26)

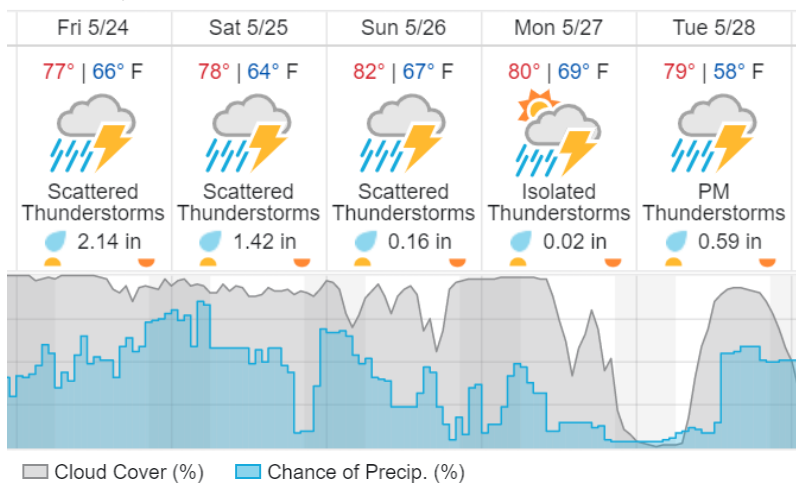
Red: 50% (13/26)

Weather Forecast

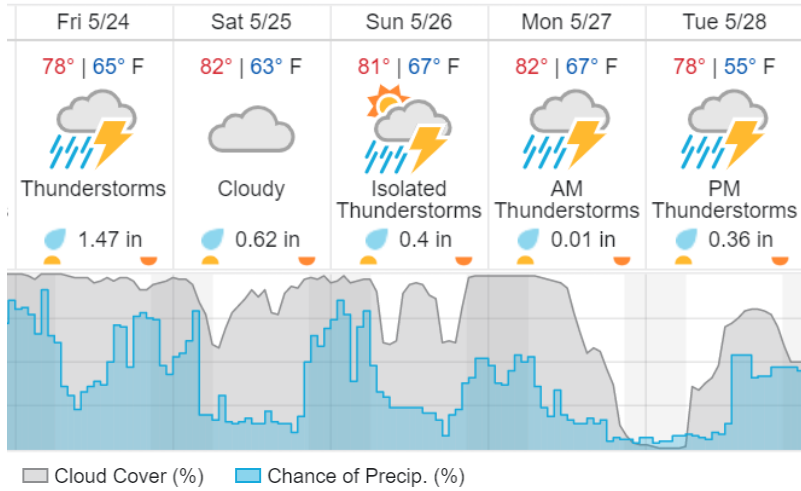
Topeka, KS



Lawrence, KS



Manhattan, KS



Flight Collection Plan for 23 Month 2019

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: 1450 – 2150Z

**If Green conditions exist

Flyority 2

Collection Area: University of Kansas Field Station (UKFS)

Flight Plan Name: D06_UKFS_R1_P1_v3_Q780

On-station Time: 1450 – 2150Z

Crew: John Adler (Lidar), Elissa Barris (NIS), Mike Wussow (GPS/Ground)