



May 22, 2019 Payload 3 Daily Flight Report



Date: 2019-05-22

Flight Campaign ID: 2019_P3C1

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

Domain: 06

Sites Flown: KONZ_KONA (Konza Prairie Biological Station and Relocatable Agricultural Site)

Days left in Domain: 7

Report Author: Michael Wussow

Flight Crew: Michael Wussow, John Adler

Ground/GPS: Elissa Barris

Pilots: Gina Moore, Stephen Brawders

Additional Personnel:

GPS Instruments: 01 - FBO_KFOE, U-KSU1

Flight Hours: (03:10)(01:32) = 04:42

Hours until maintenance: 44.85

Summary

Forecasted to be the best weather over the next week, today's break in the severe weather allowed for completion of coverage over the Priority 1 KONZ/KONA flight box. Twenty-three lines were collected under mostly red conditions. Unfortunately, high cirrus clouds were present all day.

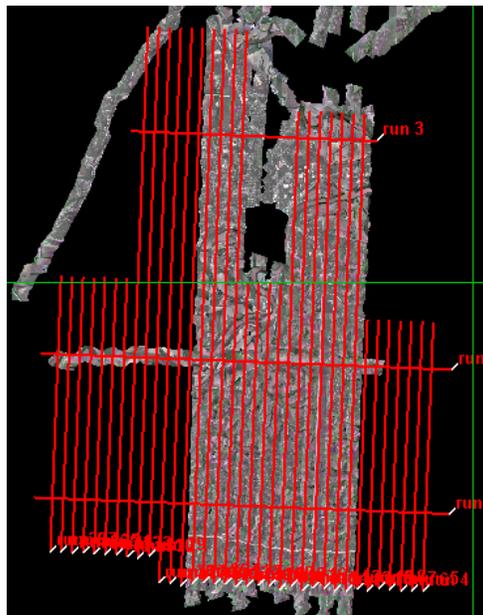
Concerns

None

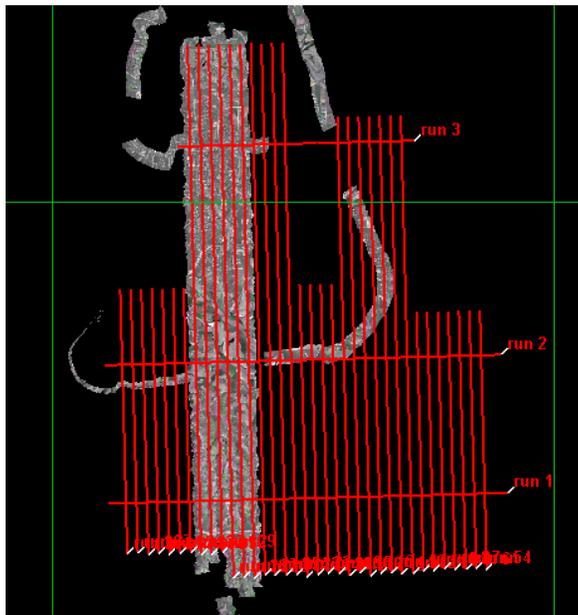
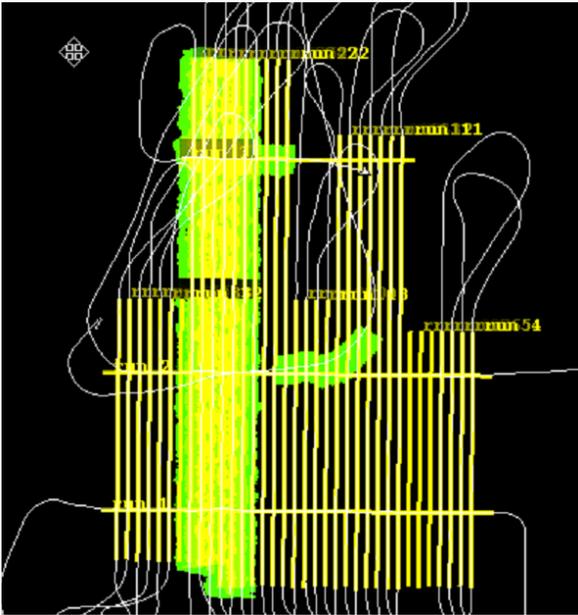
Comments

Two flights were conducted with a fuel stop at Manhattan Regional Airport – KMHK.

Flight Screenshots



Flight 1: 2018052213



Flight 2: 2019052218

Pictures



Green pasture land and full waterways over KONZ_KONA

Daily Coverage

D06 KONZ_KONA	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	2				✓	✓	×	NL
	11				✓	✓	×	NL
	12				✓	✓	×	NL
	13				✓	✓	×	NL
	14				✓	✓	×	NL
	15				✓	✓	×	NL
	16				✓	✓	×	NL
	17				✓	✓	×	NL
	18				✓	✓	×	NL
	19				✓	✓	×	NL
	20				✓	✓	×	NL
	21				✓	✓	×	NL
	22				✓	✓	×	NL
	23				✓	✓	×	NL
	24				✓	✓	×	NL
	25				✓	✓	×	NL
Flown:	16							

D06 KONZ_KONA	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	3				✓	✓	×	NL
	26				✓	✓	×	NL
	27				✓	✓	×	NL
	28				✓	✓	×	NL
	29				✓	✓	×	NL
	30				✓	✓	×	NL
	31				✓	✓	×	NL
Flown:	7							

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: 0% (0/26)

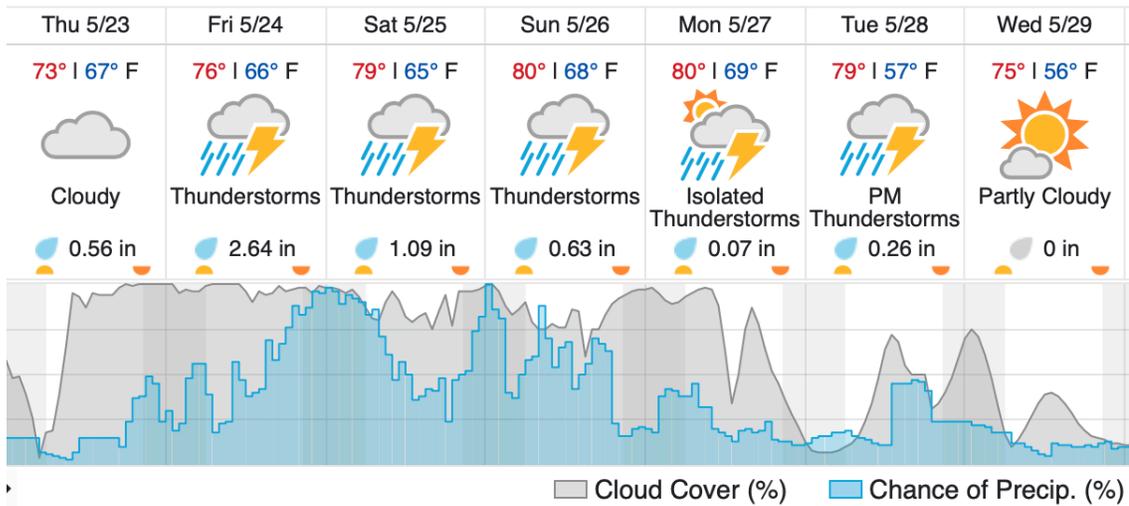
Green: 0% (0/26)

Yellow: 0% (0/26)

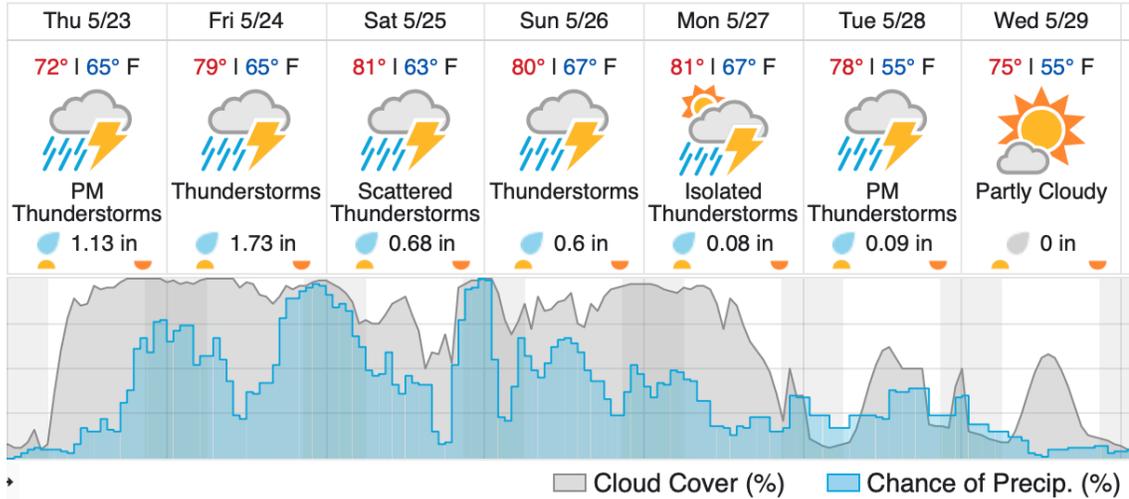
Red: 0% (0/26)

Weather Forecast

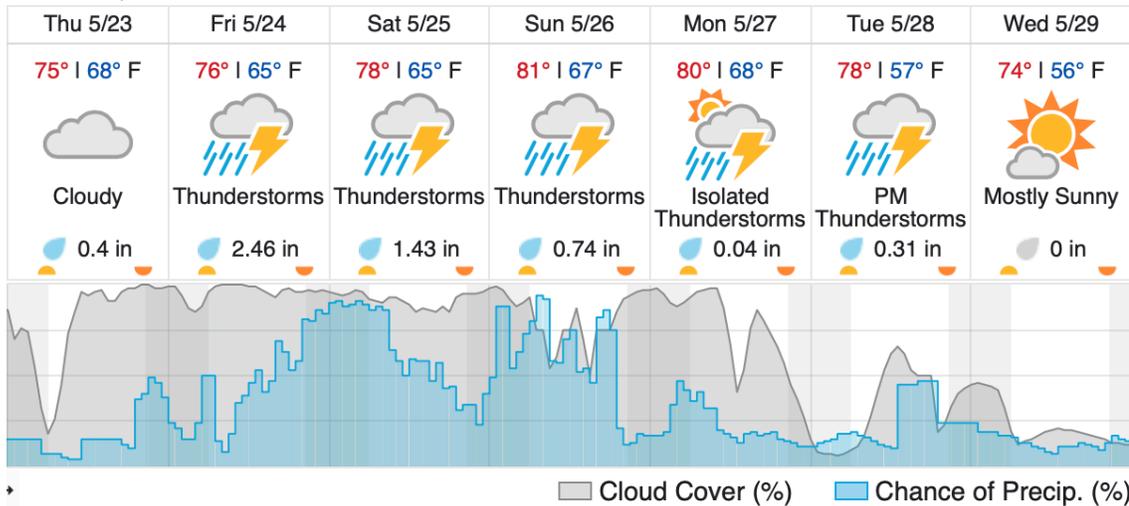
Topeka, KS



Manhattan, KS



Lawrence, KS



Flight Collection Plan for 23 May 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: Elissa Barris (Lidar), Mike Wussow (NIS), John Adler (GPS/Ground)