



Payload 3 Daily Flight Report



Date: 2023-05-25

Flight Campaign ID: P3C1

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

Aircraft: N934MU

Domain: 06 (Prairie Peninsula)

Sites Flown: UKFS (University of Kansas Field Station)

Days left in Domain: 8

Report Author: John

Lidar Operators: John

Spectrometer Operators: Mike

Pilots: Paul, Shane

Flight Hours: 0.0

Hours until maintenance: 62.60

GPS Instruments: None.

Summary

This morning there were higher cirrus clouds, with afternoon cumulus and the occasional thunder claps. No flights were conducted.

Concerns

None.

Comments

John and Mike were able complete initial DeLeaves UAS training as backup pilots.

AOP is shipping out a replacement hotel kit computer system to replace the irascible unit we currently have.

Pictures



D06 DeLeaves training flight

Cumulative 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: 0% (0/35)

Green: 0% (0/35)

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
---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

Flown: 0% (0/19)

Green: 0% (0/19)

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: 80% (20/25)

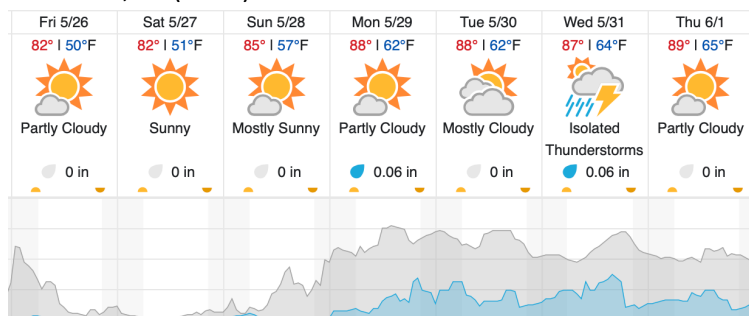
Green: 76% (19/25)

Yellow: 4% (1/25)

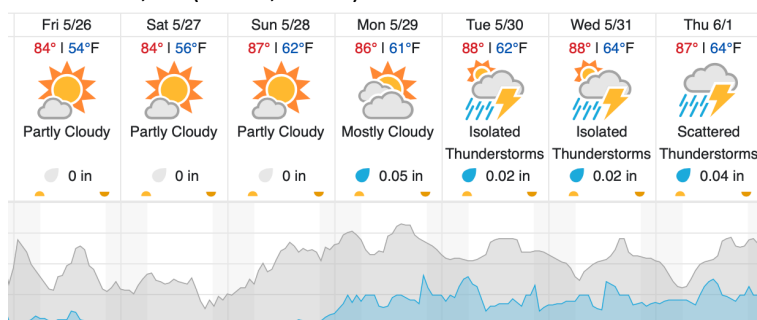
Red: 0% (0/25)

Weather Forecast

Lawrence, KS (UKFS)



Manhattan, KS (KONA, KONZ)



Cloud Cover (%)	Chance of Precip. (%)
-----------------	-----------------------

source: wunderground.com

Flight Collection Plan for May 26 2023

Flyority 1

Collection Area: University of Kansas Field Station (UKFS) – Lines 21-26

Flight Plan Name: D06_UKFS_R1_P1_v3_Q78

On-Station Time: 14:40 UTC/ 09:40 L

Flyority 2

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

Flight Plan Name: D06_KONZ_KONA_C1_P1_v4_Q780

On-Station Time: 14:50 UTC/ 09:50 L

Flyority 3

Collection Area: McDiffett Creek (MCDI)

Flight Plan Name: D06_MCDI_C1_P2_v3_Q780

On-Station Time: 14:50 UTC/ 09:50 L

Crew: Mike (lidar), John (NIS)