



## April 25, 2019 Payload 3 Daily Flight Report



**Date:** 2019-04-25

**Flight Campaign ID:** 2019\_P3C1

**Airport, FBO ID, City:** Wichita Falls Municipal Airport (KSPS) – Wichita Falls, TX  
Thomas P Stafford Airport (KOJA) – Weatherford, OK

**Domain:** 00, 11

**Sites Flown:** OAES (Klemme Range Research Station ), TRAIN (Training)

**Days left in Domain:** 9

**Report Author:** Elissa Barris

**Flight Crew:** Elissa Barris, Robb Walker, Ivana Vu

**Ground/GPS:** N/A

**Pilots:** Chad Evans, Mark Solper

**Additional Personnel:** N/A

**GPS Instruments:** 03 - FBO\_KSPS, AOP\_OAES

**Flight Hours:** 03:27, 01:52

**Hours until maintenance:** 92.05

### Summary

Clear skies allowed for collection at OAES until mid-afternoon. Refueling nearby the site allowed two flights. Lines 1-25 out of 36 were collected in green cloud conditions, and line 26 was collected in yellow conditions before flights were suspended for the day.

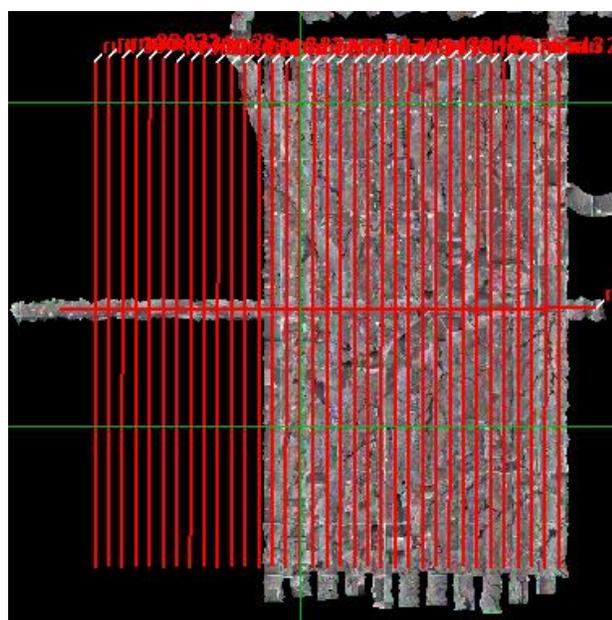
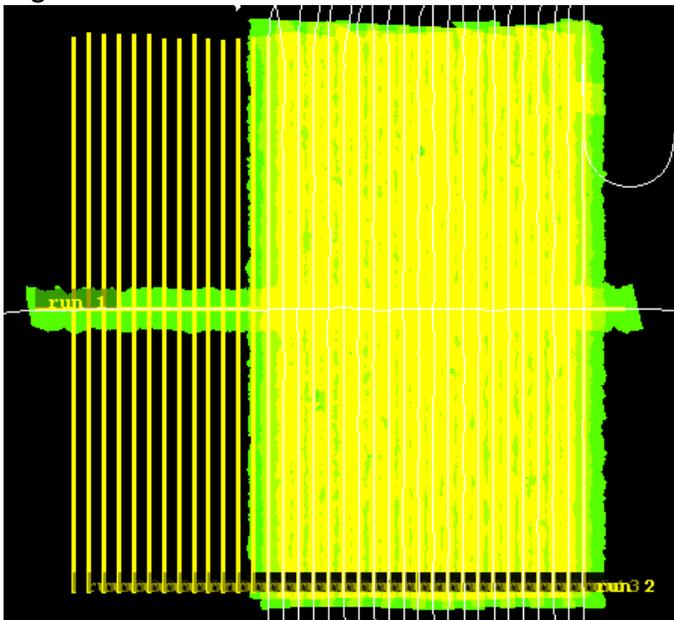
### Concerns

Unable to connect to OAES GPS and tower camera due to site connectivity issues, but TOS staff verified power to the GPS. No tower camera pictures obtained during flight due to site connectivity.

### Comments

Final Riegl training flight for Elissa.

### Flight Screenshots



**Pictures**



**Daily Coverage**

D11 OAES	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✗	✓	✓	LC
	7				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	15				✓	✓	✓	NLC
	16				✓	✓	✓	NLC
	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
	21				✓	✓	✓	NLC
	22				✗	✗	✓	C
	23				✓	✓	✓	NLC
Flown:	23							

## Cumulative Domain Coverage

### CLBJ

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											

Flown: 100% (29/29)

Green: 114% (33/29)

Yellow: 17% (5/29)

Red: 24% (7/29)

### OAES

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				

Flown: 58% (21/36)

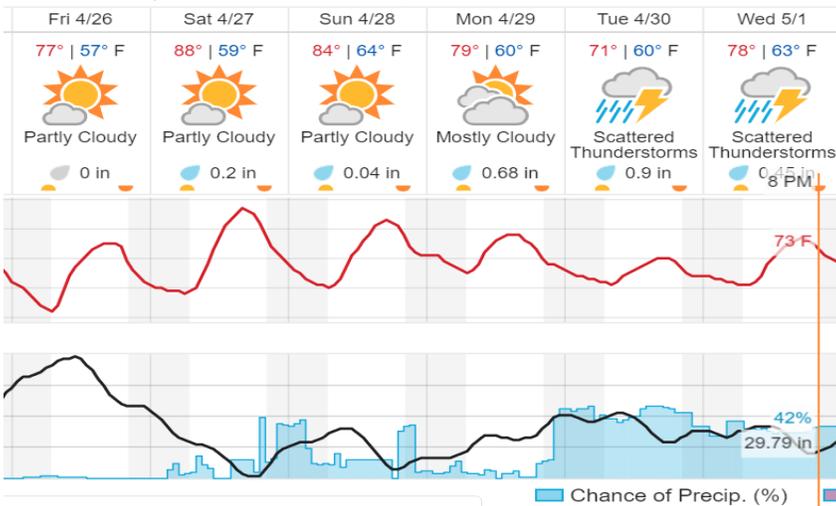
Green: 58% (21/36)

Yellow: 3% (1/36)

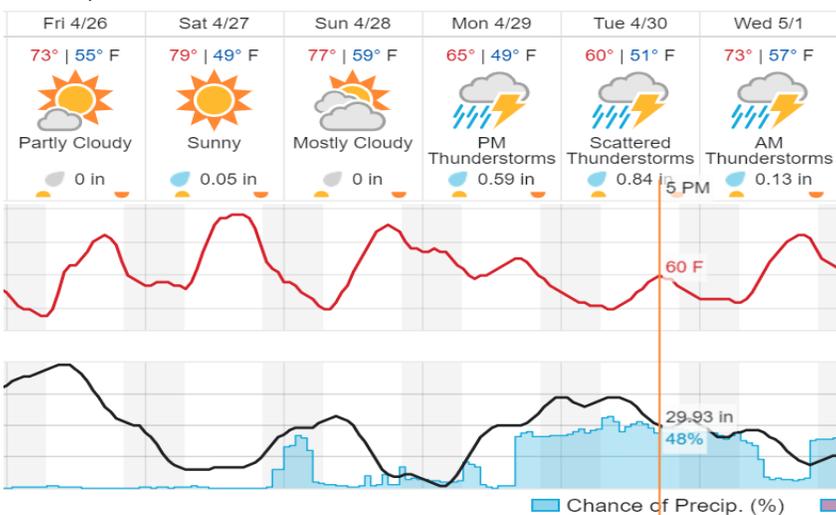
Red: 0% (0/36)

## Weather Forecast

### Wichita Falls, TX



### Clinton, OK



## **Flight Collection Plan for xx Month 2018**

Collection Area: Klemme Range Research Station (OAES)

Flight Plan Name: D11\_OAES\_R1\_P1\_v3\_Q780

On-station Time: 1520 UTC / 1020 L

**Crew:** Elissa Barris, Ivana Vu, Robb Walker