



## Payload 2 Daily Flight Report



**Date:** 2025-05-30

**Flight Campaign ID:** P2C1

**Airport, FBO ID, City:** Wichita Falls Municipal Airport (KSPS) - Wichita Falls, TX

**Aircraft:** N615AR

**Domain:** 11 (Southern Plains)

**Sites Flown:** OAES

**Days left in Domain:** 5

**Report Author:** John

**Lidar Operators:** John

**Flight Hours:** 3:25, 3:24

**Spectrometer Operators:** Cameron

**Hours until maintenance:** 94.18

**Pilots:** Vince, Tim

### Summary

Today's double flight at OAES was under Green Conditions, but there were timing issues with the digital camera on the second flight.

### Concerns

The digital camera would begin each line taking images correctly, but by the ~15th image, it would have write errors. The next line it would again take images correctly in the beginning. This occurred on the second flight, using a different disc set.

### Comments

- Alyssa Voss completed training and left D11 today.
- The system placed the POS data in an unexpected folder location on the E:drive during both the first and second flights.

### Daily Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

Solar Angle Less Than 40 degrees: (\*)

### D11|OAES (Klemme Range Research 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	27	28	29	30	31	32	33	34	35	36				

Flown: 100% (36/36)

Green: 100% (36/36)

Yellow: 0% (0/36)

Red: 0% (0/36)

\* Flown within 35deg solar angle

Cumulative Domain Coverage

D11 | BLUE (Blue River aquatic site)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----

Flown: 0% (0/15)  
Green: 0% (0/15)  
Yellow: 0% (0/15)  
Red: 0% (0/15)  
\* Flown within 35deg solar angle

D11 | CLBJ (LBJ National Grassland)

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: 0% (0/29)  
Green: 0% (0/29)  
Yellow: 0% (0/29)  
Red: 0% (0/29)  
\* Flown within 35deg solar angle

D11 | OAES (Klemme Range Research 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	27	28	29	30	31	32	33	34	35	36				

Flown: 100% (36/36)  
Green: 100% (36/36)  
Yellow: 0% (0/36)  
Red: 0% (0/36)  
\* Flown within 35deg solar angle

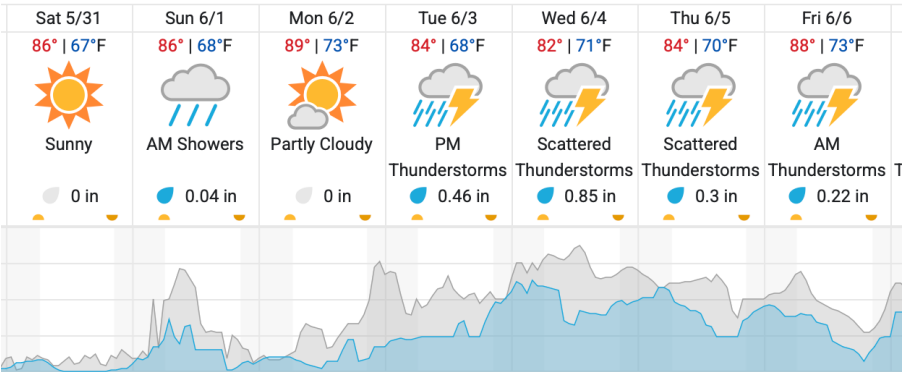
D11 | PRIN (Pringle Creek )

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														

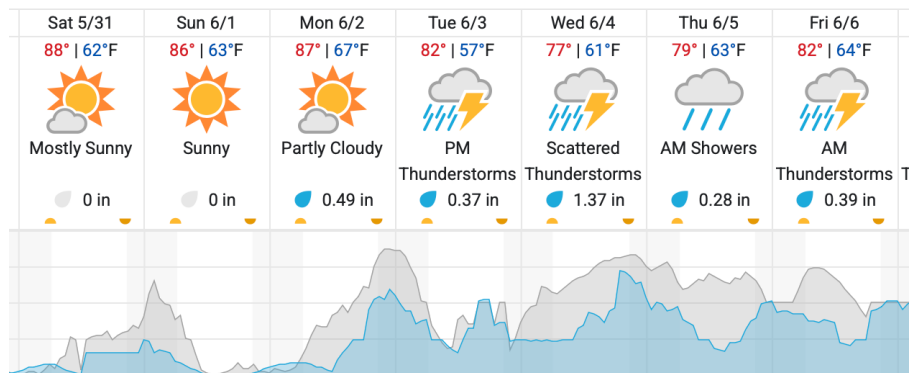
Flown: 0% (0/26)  
Green: 0% (0/26)  
Yellow: 0% (0/26)  
Red: 0% (0/26)  
\* Flown within 35deg solar angle

Weather Forecast

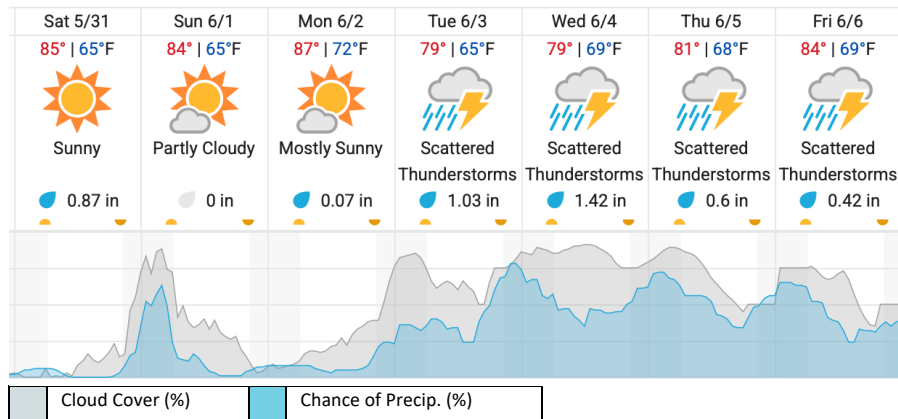
Alvord, TX (CLBJ, PRIN)



## Clinton, OK (OAES)



## Ada, OK (BLUE)



source: wunderground.com

## Flight Collection Plan for May 31, 2025

### Flyority 1

Collection Area: LBJ Grasslands (CLBJ)

Flight Plan Name: D11\_CLBJ\_C1\_P1\_v6\_VQ780

On-Station Time: (40 degrees): 1450 UTC / 0950 L

### Flyority 2

Collection Area: Pringle Creek (PRIN)

Flight Plan Name: D11\_PRIN\_A1\_P1\_v7\_VQ780

On-Station Time: (40 degrees): 1450 UTC / 0950 L

### Flyority 3

Collection Area: Blue River (BLUE)

Flight Plan Name: D11\_BLUE\_A2\_P1\_v6\_VQ780

On-Station Time: (40 degrees): 1450 UTC / 0950 L

**Crew:** Cam (Lidar), John (NIS)