



Payload 2 Daily Flight Report



Date: 2025-05-22

Flight Campaign ID: P2C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO; Liberal Mid-America Regional Airport (KLBL) - Liberal, KS; Wichita Falls Municipal Airport (KSPS) - Wichita Falls, TX

Aircraft: N615AR

Domain: 11 (Southern Plains), 00 (Training & Calibration)

Sites Flown: Transit ()

Days left in Domain: 13

Report Author: Cameron

Lidar Operators: Cameron **Flight Hours:** 02:06:00, 01:39:00

Spectrometer Operators: Alyssa **Hours until maintenance:** 100.98

Pilots: Vince, Tim

Ground Crew: Matt, John

Summary

The crew made the journey from Boulder down to Wichita Falls Texas today, making one fuel stop in Liberal Kansas. The crew narrowly avoided a massive thunderstorm cell which arrived shortly upon arrival in Wichita Falls.

Concerns

- Due to a mix-up in 'adaptors' the payload will be temporarily powered down overnight and will be restarted in the morning.
- There is a base hangar tenant who is attempting to 'tap' into our power supply in the hangar. The crew will meet with their electrician tomorrow to confirm no interruptions in power will occur after proposed modifications.
- Hangar door appears to be offtrack and won't fully close. We will continue to monitor.

Comments

- Additional GSE in being overnigheted

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

Pictures

We spent most of the transit at 11,300ft high above the clouds!



Cumulative Domain Coverage

D11|BLUE (Blue River aquatic site)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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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: 0% (0/36)

Green: 0% (0/36)

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)

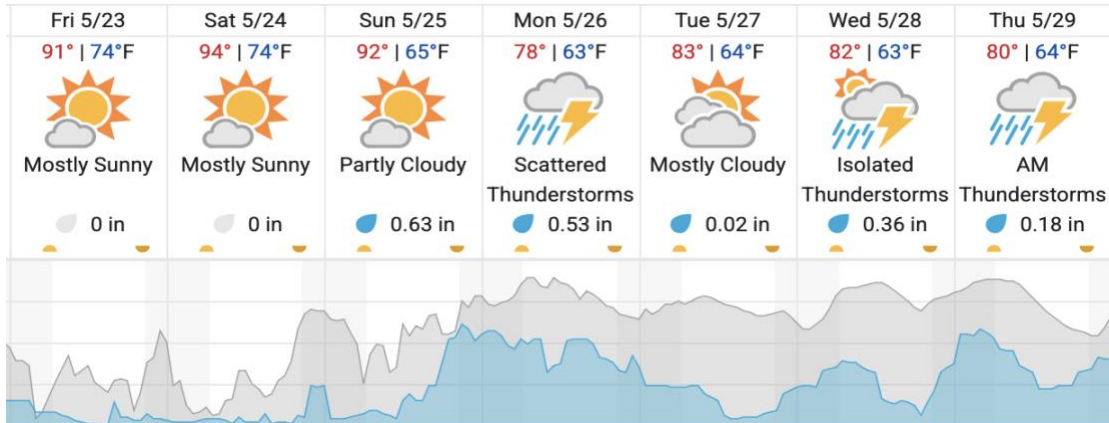
Yellow: 0% (0/26)

Red: 0% (0/26)

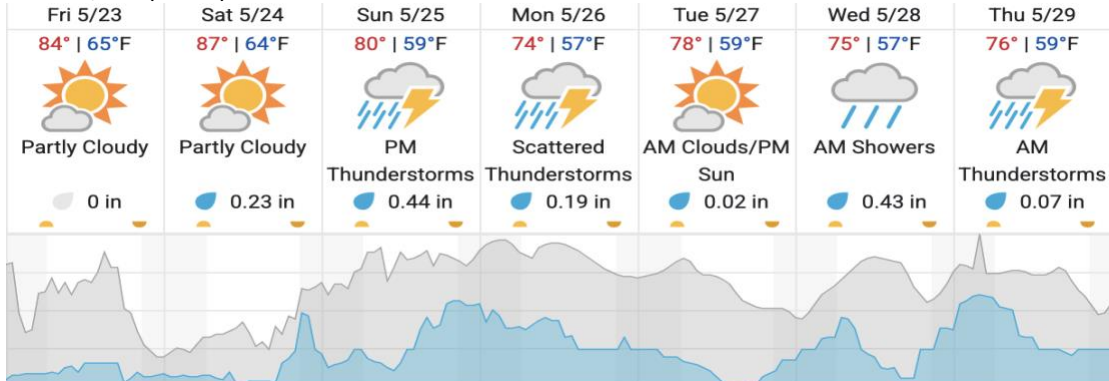
* Flown within 35deg solar angle

Weather Forecast

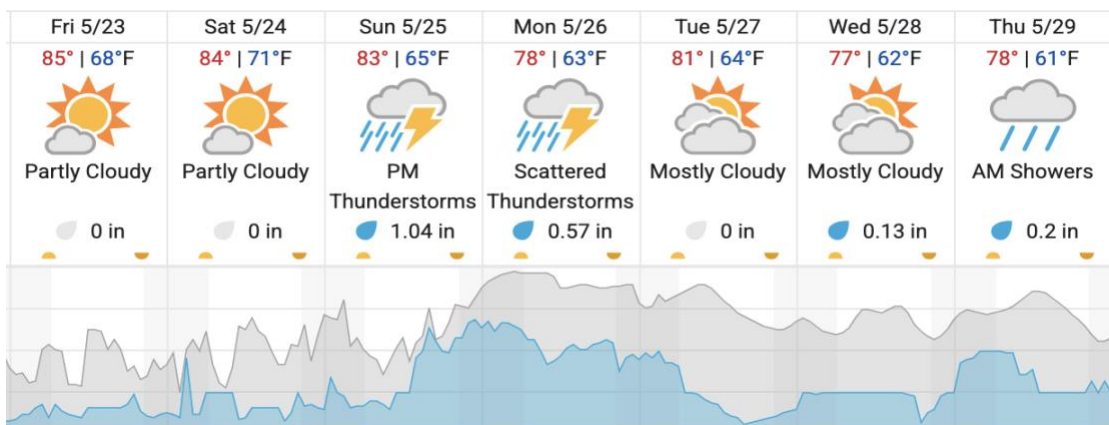
Alvord, TX (CLBJ, PRIN)



Clinton, OK (OAES)



Ada, OK (BLUE)



	Cloud Cover (%)		Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for May 23, 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: Klemme Range Research Station (OAES)

Flight Plan Name: D11_OAES_R1_P1_v7_VQ780

On-Station Time: (35 degrees): 1430 UTC / 0930 L

Flyority 3

Collection Area: Pringle Creek (PRIN)

Flight Plan Name: D11_PRIN_A1_P1_v7_VQ780

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

Flyority 4

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**) Alyssa (**NIS**) John (**Ground**)