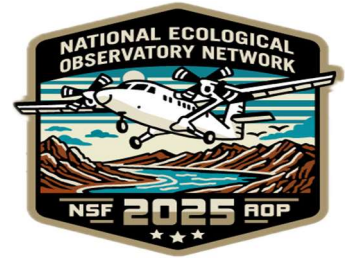




Payload 2 Daily Flight Report



Date: 2025-05-24

Flight Campaign ID: P2C1

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

Aircraft: N615AR

Domain: 11 (Southern Plains)

Sites Flown: None.

Days left in Domain: 12

Report Author: John

Lidar Operators: John

Flight Hours: 00:00

Spectrometer Operators: Cameron

Hours until maintenance: 100.98

Pilots: Vince, Tim

Adt'l Flight Crew: Alyssa

Summary

The NIS was operational by 0700 this morning, but cumulus clouds prevented us from flying any sites at D11.

Concerns

None.

Comments

Power was applied from the NEON hangar electrical circuit to the new aircraft in the hangar and no problems were noted with our payload. There should be no issues with continuing to operate out of this FBO in the future. Also, a CORS site (TXWF) will be used for our hangar GPS location.

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)

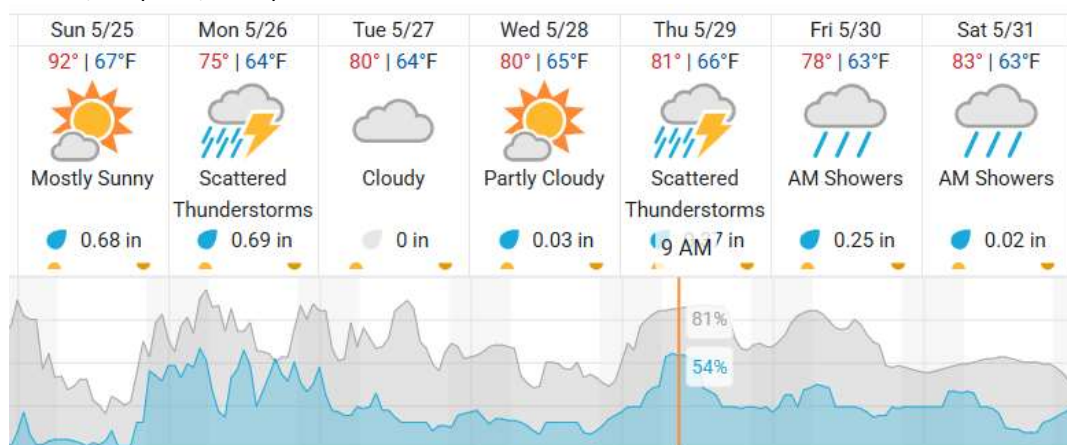
Yellow: 0% (0/26)

Red: 0% (0/26)

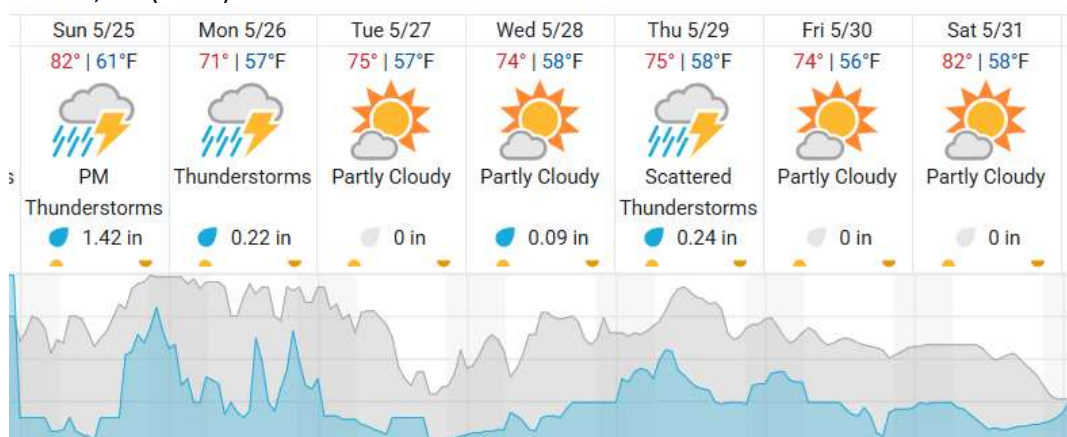
* Flown within 35deg solar angle

Weather Forecast

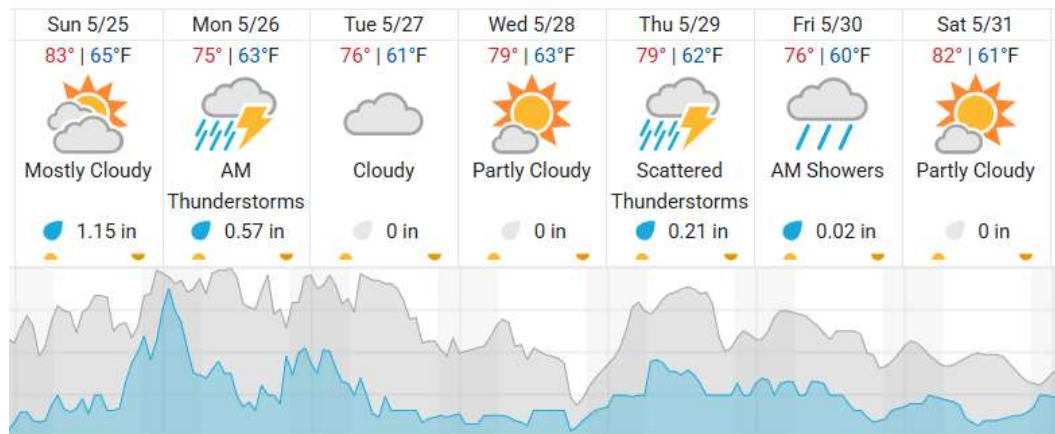
Alvord, TX (CLBJ, PRIN)



Clinton, OK (OAES)



Ada, OK (BLUE)



Flight Collection Plan for May 25, 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), John (NIS), Alyssa (Lidar/Training)