



Payload 3 Daily Flight Report



Date: 2023-05-09

Flight Campaign ID: P3C1

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

Aircraft: N934MU

Domain: 11 (Southern Plains)

Sites Flown: OAES (Klemme Range Research Station)

Days left in Domain: 11

Report Author: Matt

Lidar Operators: Matt

Spectrometer Operators: Abe

Pilots: Paul, Shane

Flight Hours: 0.00

Hours until maintenance: 77.60

GPS Instruments: N/A

Summary

The initial weather forecast for CLBJ looked promising, but cloud conditions worsened as the upcoming thunderstorms moved closer. No flights were attempted.

Concerns

The replacement air conditioner was delivered and installed.

Comments

None

Daily Coverage

Estimated Cloud Cover Key

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

D11|OAES

Line #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Lidar		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover																				

Line #	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Lidar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover																

Total number of lines flown: 36

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)

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)

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)

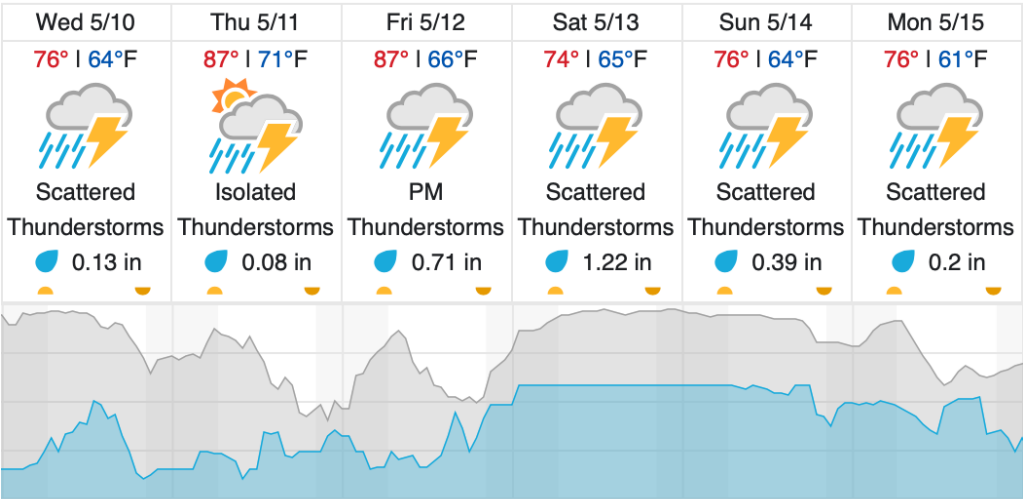
D11 | PRIN (Pringle Creek)

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														

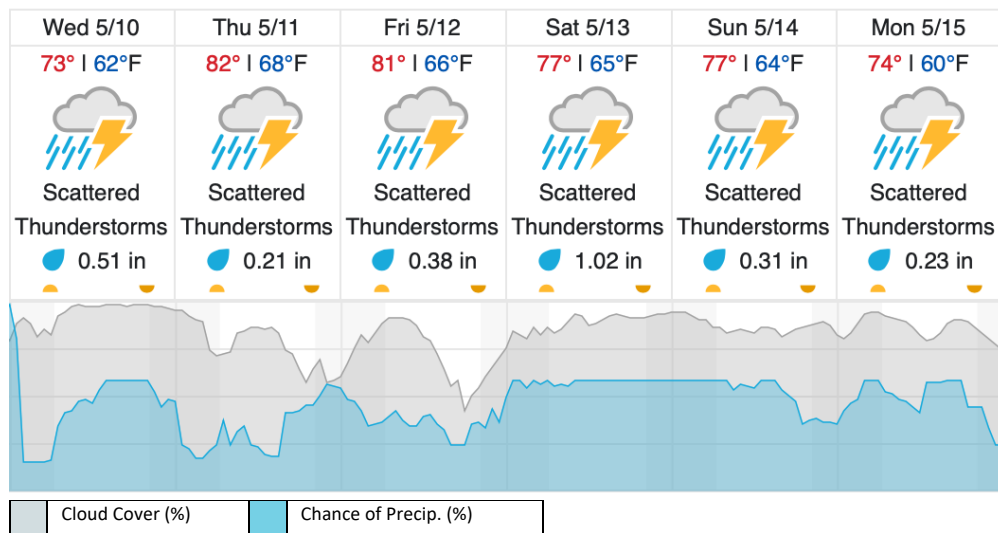
Flown: 0% (0/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

Weather Forecast

Alvord, TX (CLBJ, PRIN)



Stonewall, OK (BLUE)



source: wunderground.com

Flight Collection Plan for May 10, 2023

Flyority 1

Collection Area: LBJ Grasslands (CLBJ)

Flight Plan Name: D11_CLBJ_C1_P1_v3_Q780

On-Station Time: 15:00 UTC/ 10:00 L

Flyority 2

Collection Area: Pringle Creek (PRIN)

Flight Plan Name: D11_PRIN_A1_P1_v4_Q780

On-Station Time: 15:00 UTC/ 10:00 L

Flyority 3

Collection Area: Blue River (BLUE)

Flight Plan Name: D11_BLUE_A2_P1_v3_Q780

On-Station Time: 15:00 UTC/ 10:00 L

Crew: Abe (lidar), Matt (NIS)