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          Flight Hours: 0.00
Spectrometer Operators: Abe   Hours until maintenance: 77.60
Pilots: Paul, Shane       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

|        | 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

Total number of lines flown: 36
Cumulative Domain Coverage

D11|BLUE (Blue River aquatic site)

Flown: 0% (0/15)
Green: 0% (0/15)
Yellow: 0% (0/15)
Red: 0% (0/15)

D11|CLBJ (LBJ National Grassland)

Flown: 0% (0/29)
Green: 0% (0/29)
Yellow: 0% (0/29)
Red: 0% (0/29)

D11|OAES (Klemme Range Research Station)

Flown: 100% (36/36)
Green: 100% (36/36)
Yellow: 0% (0/36)
Red: 0% (0/36)

D11|PRIN (Pringle Creek)

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

Weather Forecast

Alvord, TX (CLBJ, PRIN)

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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)