



April 20, 2018 Payload 3 Daily Flight Report



Date: 2018-04-20

Flight Campaign ID: 2018_P3C1

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

Domain: 11

Sites Flown: None

Days left in Domain: 5

Report Author: Ivana Vu

Flight Crew: Ivana Vu, Mitch Haynes

Ground/GPS: Michael Wussow

Pilots: Mike Francis, Paul Muth

Additional Personnel: None

GPS Instruments: None

Flight Hours: 00:00

Hours until maintenance: 72.25

Summary

By the time aircraft was towed out of the hangar and prepared for flight, clouds had started to move in over the CLBJ site. With potential clear days still in the forecast, flight crew decided to wait for the opportunity to collect green data. A Hg Lamp Test was completed and several NEON domain staff stopped by for an AOP tour.

Concerns

High winds had created difficult flying conditions this past Wednesday and a QAQC coverage check from Flight 2018041814 shows that there are many spectrometer data gaps. Data Processing Team has requested we re-fly several lines if budgeted engine hours remain and if it does not affect coverage at other sites. An ad-hoc flight plan may be created to maximize efficiency of the re-fly.

Comments

- D11 Hg Lamp Test completed
- D11 domain staff visited for an AOP tour

Flight Screenshots

N/A

Pictures

Thanks to the D11 staff who were able to visit the hangar on their way back to Denton!



Daily Coverage

N/A

Cumulative Domain Coverage

CLBJ

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)

OAES

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				

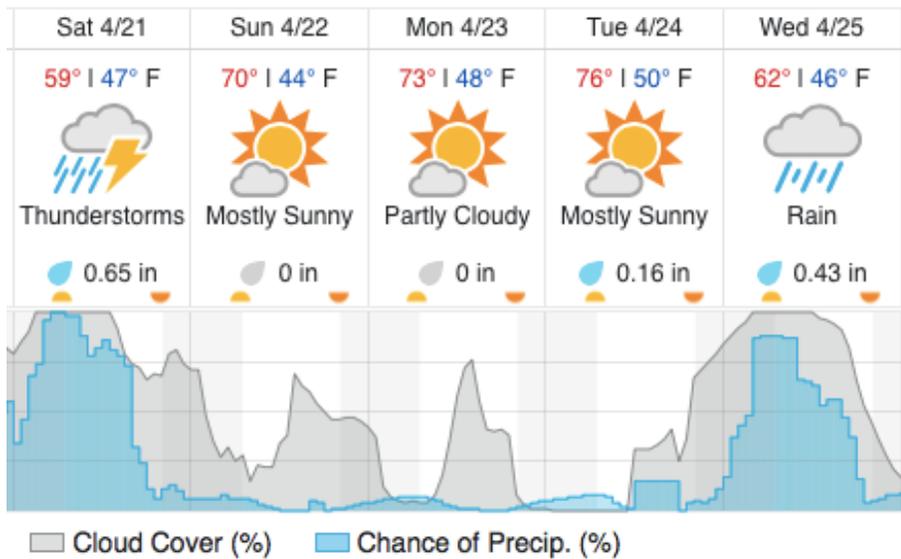
Flown: 100% (36/36)

Green: 78% (28/36)

Yellow: 0% (0/36)

Red: 25% (9/36)

Weather Forecast



Flight Collection Plan for 21 April 2018

Flight Order Priority (Flyority) 1:

Collection Area: Lyndon B. Johnson National Grasslands (CLBJ)

Flight Plan Name: D11_CLBJ_C1_P1_v3_Q780

On Station: 1030 L / 1530 UTC

Flyority 2:

Collection Area: Klemme Range Research Station (OAES), *lines 29-36*

Flight Plan Name: D11_OAES_R1_P1_v3_Q780

Lines: If Green, re-fly lines 29-36

On Station: 1050 L / 1530 UTC

Crew: Mitch Haynes (Lidar), Ivana Vu (NIS), Michael Wussow (Ground/GPS)

Flight Collection Plan for 22 April 2018

Flyority 1:

Collection Area: Lyndon B. Johnson National Grasslands (CLBJ)

Flight Plan Name: D11_CLBJ_C1_P1_v3_Q780

On Station: 1020 L / 1520 UTC

Flyority 2:

Collection Area: Klemme Range Research Station (OAES), *lines 29-36*

Flight Plan Name: D11_OAES_R1_P1_v3_Q780

Lines: If Green, re-fly lines 29-36

On Station: 1050 L / 1530 UTC

Crew: Ivana Vu (Lidar), Mitch Haynes (NIS), Michael Wussow (Ground/GPS)

New Issues

Fault: Telemetry	Open Date: 4/20/2018
Unable to connect to Telemetry laptop via Chrome Remote Desktop even though laptop has internet access, Verizon cell coverage inside hangar is good and all other Telemetry readings/notifications are working. Error message when trying to remote in: "Unable to reach the host. This is probably due to the configuration of the network you are using".	