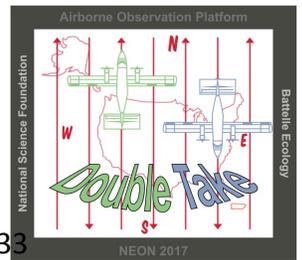




2017_P1C1 Daily Report



Flight Campaign ID: 2017_P1C1

FBO ID & City: Wichita Falls Regional Airport (KSPS)

- Wichita Falls, TX

Domain: 11

Sites Flown: PRIN

Days left in Domain: 7

Flight Hours: 03:29

Hours until maintenance: 63.33

Date: 2017-05-02

Report Author: Cameron Chapman

Pilots: Kyler Dalton, Grant Frost

Flight Crew: Cameron Chapman, Ivana Vu, None

Ground/GPS: Mitch Haynes

Additional Personnel: None

GPS Instruments:

02 - CLB/PRIN

Summary:

The skies to the north near OAES and BLUE were forecasted to have around 40% cloud cover. The skies to the South near PRIN were forecasted to have less than 10% of cloud coverage. The decision was made to fly PRIN. Today the flight crew completed lines 1 - 26 and completed initial coverage at PRIN with nominal science collect conditions.

Issues/Concerns:

The Hotel Kit failed to extract the waveform data from yesterday's first flight. The dataset is currently re-running. Fernando is aware of this issue and will troubleshoot when the data have finished

The AC- Cart has been having issues staying powered on. Abe is aware of this issues and has provided troubleshooting measures which will be implemented this afternoon

Comments:

Mitch checked the battery and functionality on site at GPS 04 – BLUE

CLBJ and PRIN both have full coverage 😊

Pictures:



Image Captured during the May 2nd 2017 flight over PRIN (Photo by Cam Chapman)

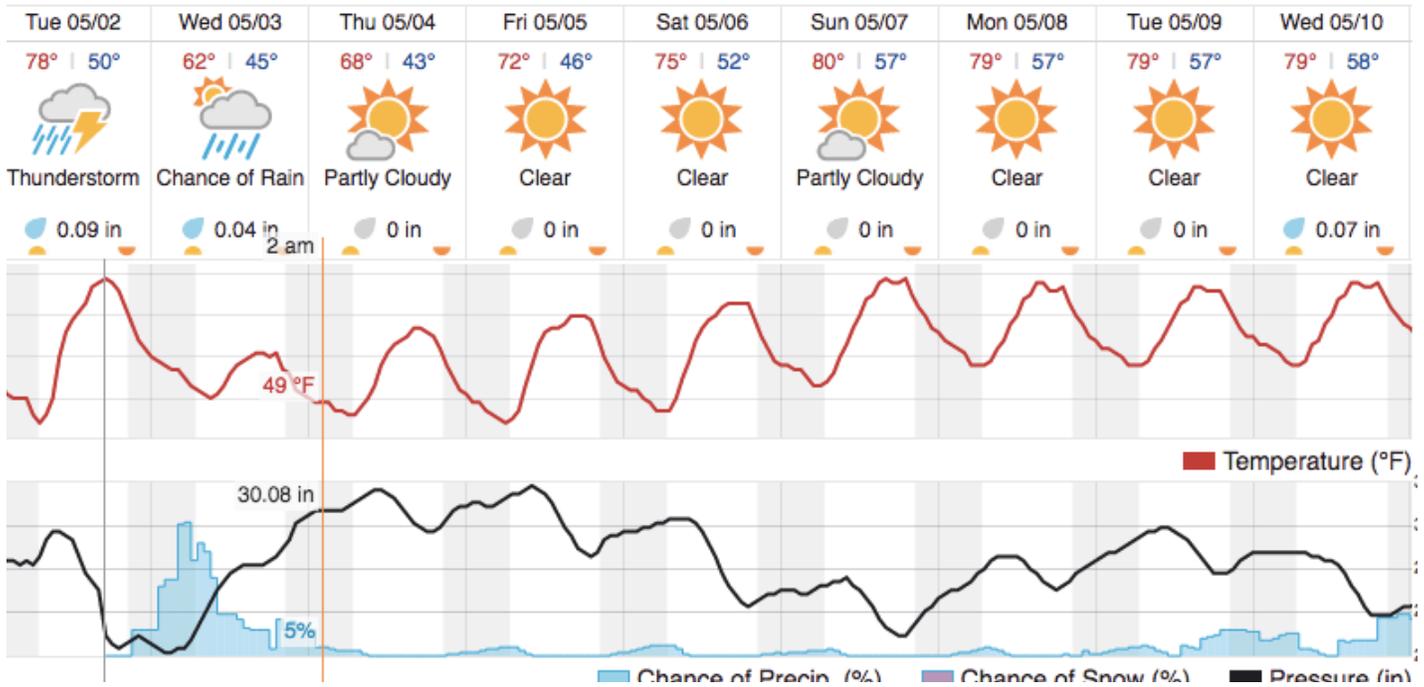


Image captured during the transit from OAES to KSPS on May 1st (Wichita mountains in Oklahoma)-Photo By Cam Chapman

Weather Forecast

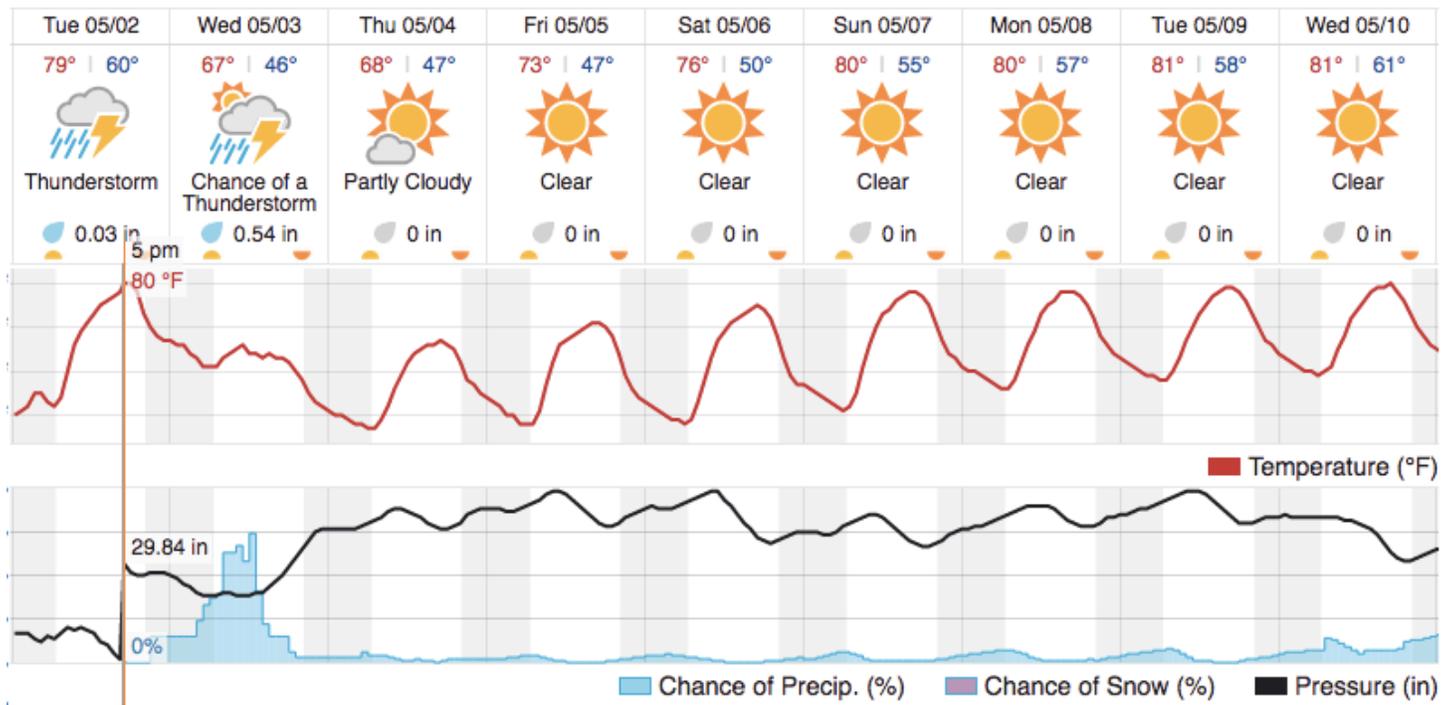
Clinton, OK (OAES)

<https://www.wunderground.com/q/zmw:73601.1.99999>



Connerville, OK (BLUE)

<https://www.wunderground.com/q/zmw:74836.1.99999>



Flight Collection Plan for May 3rd, 2017:

Flyority 1:

Collection Area: Klemme Range Research Station (OAES), *Lines 1-4 and 13-36*

Flight Plan Name: D11_OAES_R1_P1_v2.pln

On Station: 1020 L / 1520 UTC

Flyority 2:

Collection Area: Blue River (BLUE)

Flight Plan Name: D11_BLUE_A2_P2_v2.pln

On Station: 1000 L / 1500 UTC

Crew:

Lidar: Ivana Vu

NIS: Cameron Chapman

Ground/GPS: Mitch Haynes

Flight Collection Plan for May 4th, 2017:

Flyority 1:

Collection Area: Klemme Range Research Station (OAES), *Lines 1-4 and 13-36*

Flight Plan Name: D11_OAES_R1_P1_v2.pln

On Station: 1020 L / 1520 UTC

Flyority 2:

Collection Area: Blue River (BLUE)

Flight Plan Name: D11_BLUE_A2_P2_v2.pln

On Station: 1000 L / 1500 UTC

Crew:

Lidar: Cameron Chapman

NIS: Ivana Vu

Ground/GPS: Mitch Haynes