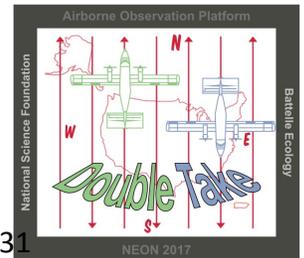




## 2017\_P1C1 Daily Report



**Flight Campaign ID:** 2017\_P1C1

**FBO ID & City:** Wichita Falls Regional Airport (KSPS)  
- Wichita Falls, TX

**Domain:** 11

**Sites Flown:** OAES, N11A

**Days left in Domain:** 5

**Flight Hours:** 03:01

**Hours until maintenance:** 60.31

**Date:** 2017-05-04

**Report Author:** Cameron Chapman

**Pilots:** Kyler Dalton, Grant Frost

**Flight Crew:** Cameron Chapman, Ivana Vu

**Ground/GPS:** Mitch Haynes

**Additional Personnel:** None

### **GPS Instruments:**

03- OAES

### **Summary:**

When we initially arrived on station at OAES the skies were relatively clear however within 10- 20 minutes low-level local cumulus clouds began forming over the site at our altitude. We were able to collect the remaining TOS Priority lines. The weather is forecasted to be more favorable over the next few days.

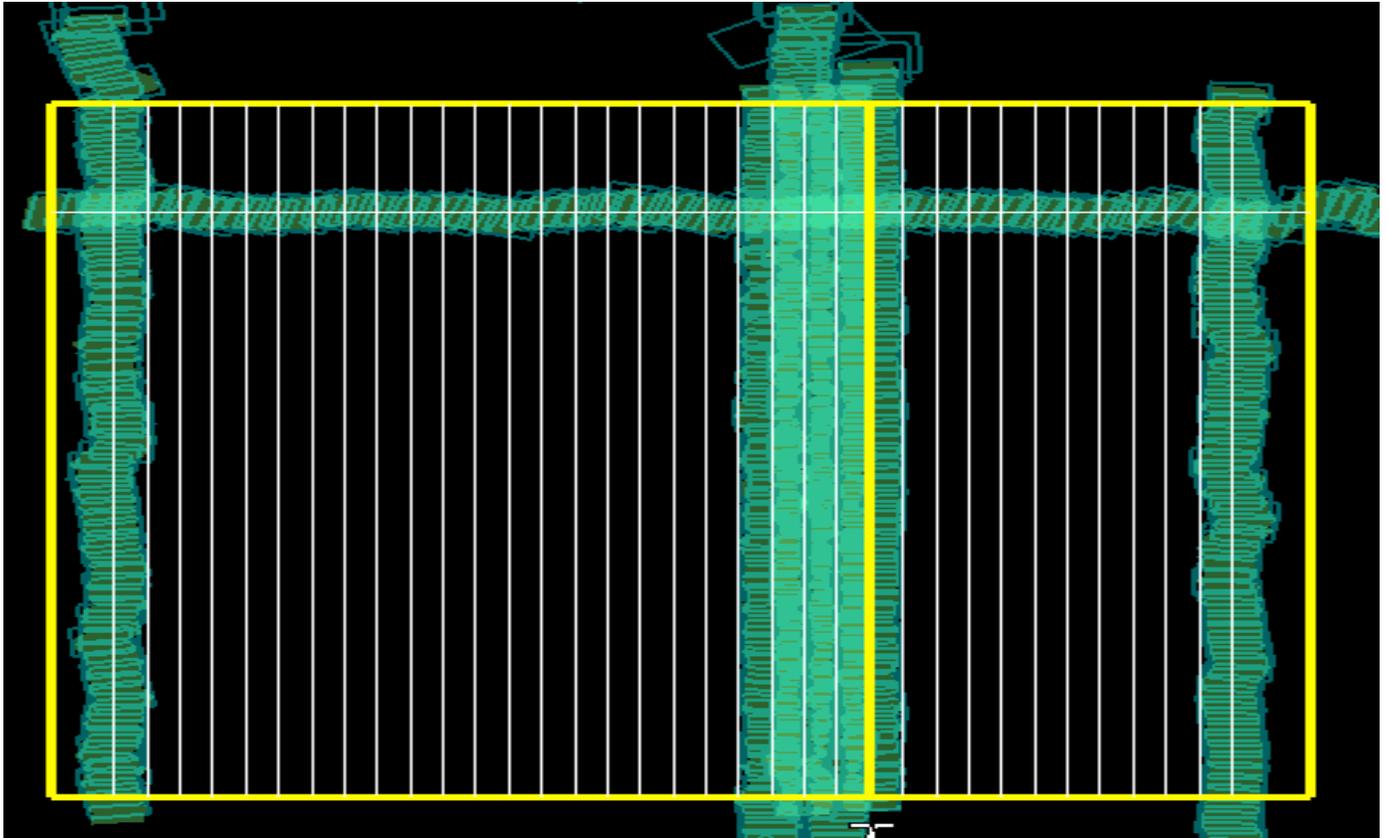
### **Issues/Concerns:**

Hotel Kit troubleshooting ongoing

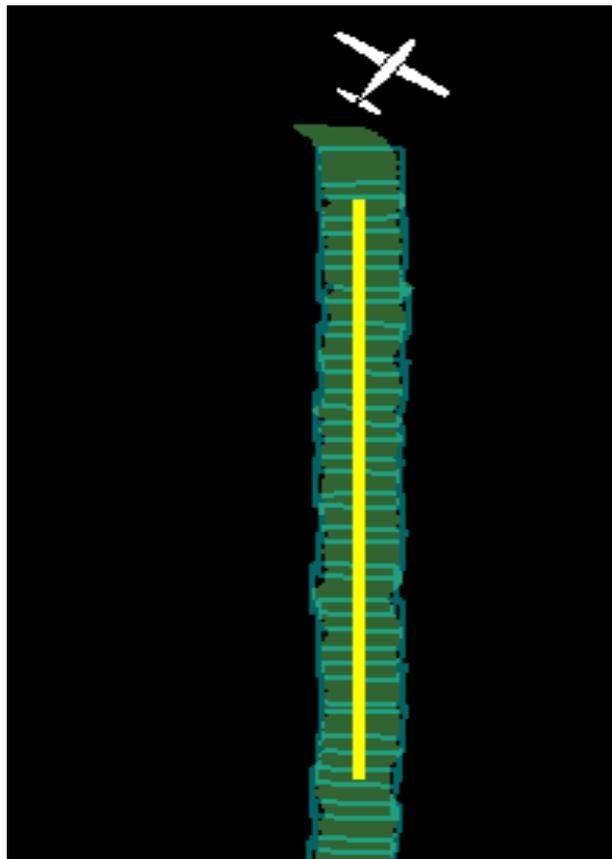
### **Comments:**

- The D11 Nominal Runway flight was completed today (N11A)
- Saturday is a scheduled down day ~ Abe Morrison will be arriving in D-11
- Cameron Chapman will be departing D11 on Sunday to D08
- AOP GPS 03 was checked on location prior to flights/ battery changed
- Mitch Haynes identified a potential fuel stop near OAES and verified their GPU. This will save the flight crew 45 minutes each direction in transit time.
- !! May the Fourth Be with you!!

# Lidar Screenshot



Lidar Swath Coverage Above OAES/ Lidar Swath Coverage Below N11A May 4<sup>th</sup> 2017



Pictures:



(Image acquired during the may 4<sup>th</sup> OAES flight- Cumulus clouds start to build at out altitude (Photo by Cam Chapman))

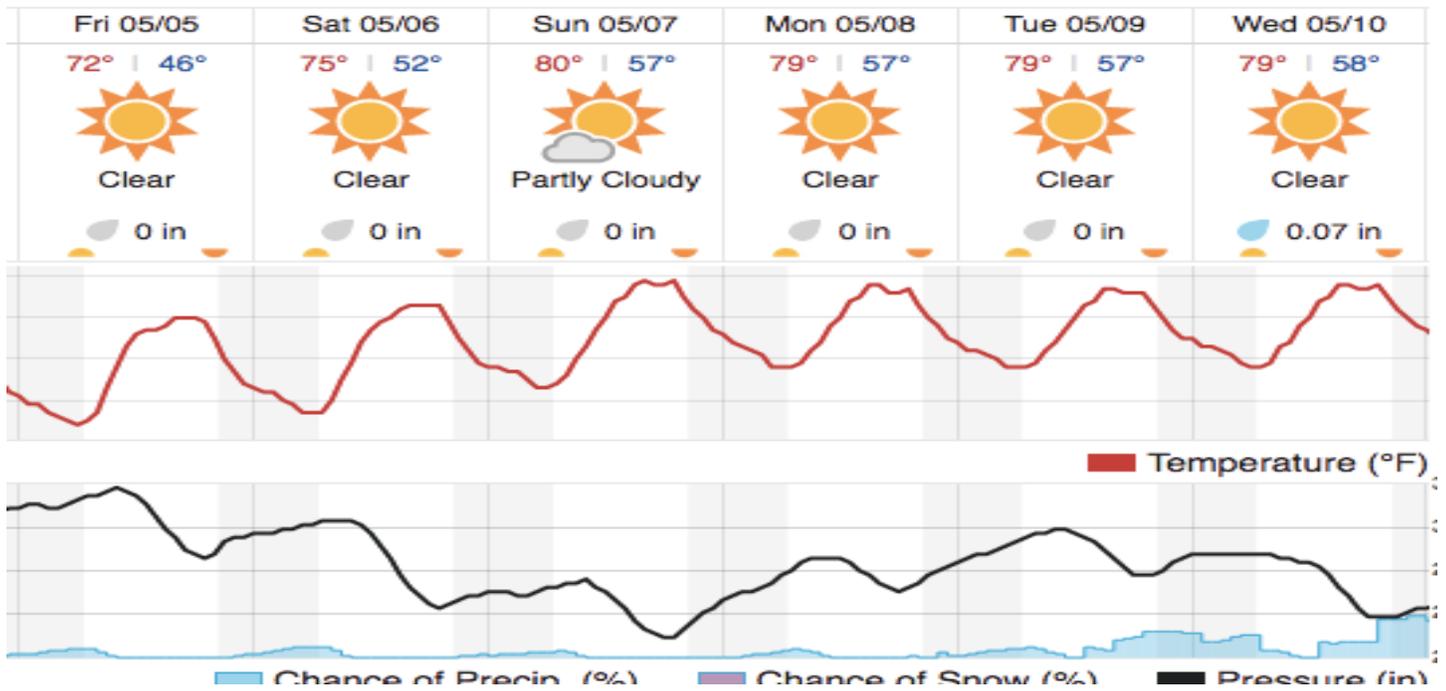


Image acquired near Klemme Range Research Station during a GPS site visit– Photo by Mitch Haynes

## Weather Forecast

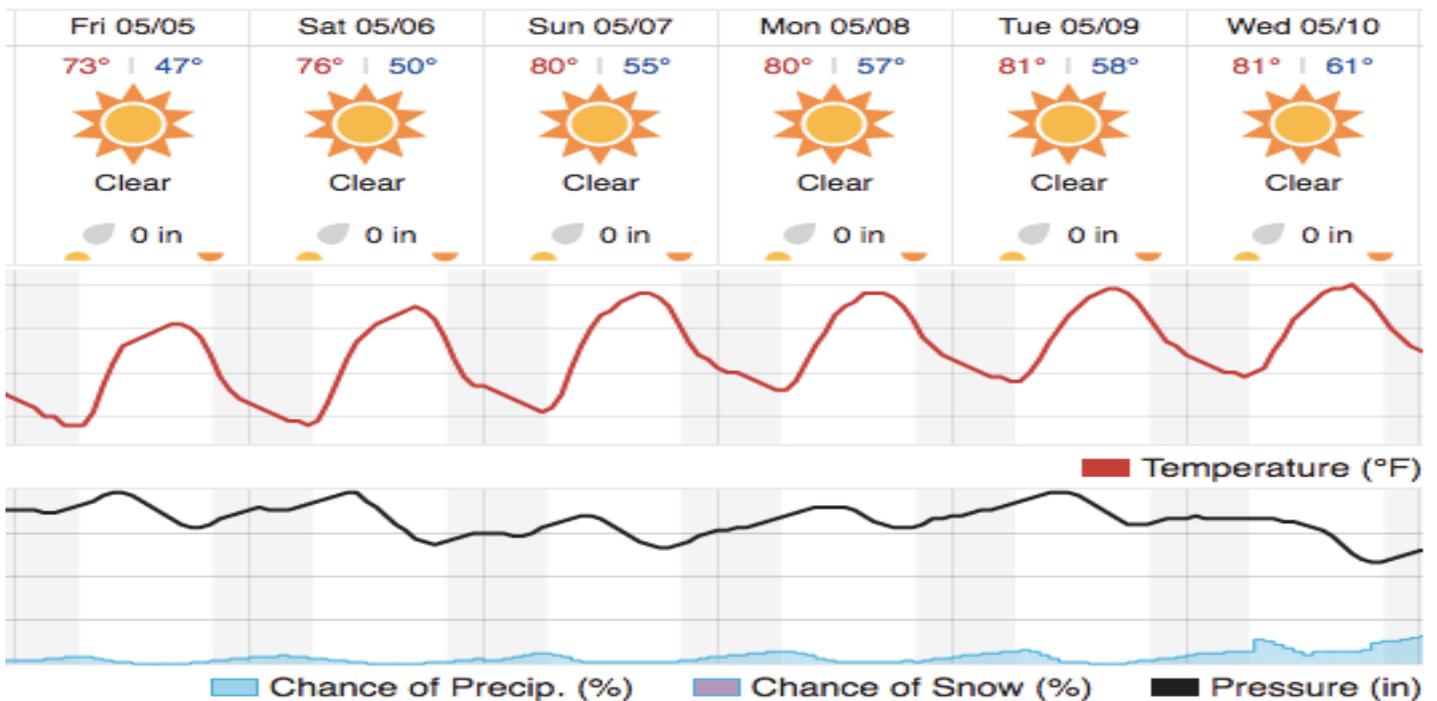
Clinton, OK (OAES)

<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 5<sup>th</sup>, 2017:**

**Flyority 1:**

Collection Area: Klemme Range Research Station (OAES), *Lines 3-4 and 13-36 if Green else lines 3-4 & 17-35*

Flight Plan Name: D11\_OAES\_R1\_P1\_v2.pln

On Station: 1010 L / 1510 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 6<sup>th</sup>, 2017:**

**Flyority 1:**

Collection Area: Klemme Range Research Station (OAES), *Lines 3-4 and 13-36 if Green else lines 3-4 & 17-35*

Flight Plan Name: D11\_OAES\_R1\_P1\_v2.pln

On Station: 1010 L / 1510 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