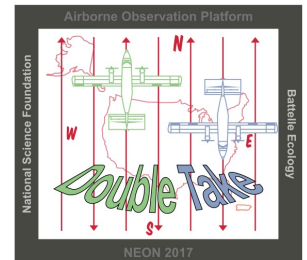




## 2017 P2C1 Daily Report



**Flight Campaign ID:** 2017\_P2C1

**FBO ID & City:** El Paso International Airport (KELP)

– El Paso, TX

**Domain:** 14

**Sites Flown:** None

**Days left in Domain:** 16

**Flight Hours:** 3.35

**Hours until maintenance:** 121.65

**Date:** 2017-08-20

**Report Author:** Mitch Haynes

**Pilots:** Kyler Dalton, Grant Frost

**Flight Crew:** Mitch Haynes

**Ground/GPS:** Doug Cavender, Michael Wussow

**Additional Personnel:** None

**GPS Instruments:** None

### **Summary:**

The Otter finally completed the last leg of the long transit from Fairbanks, Alaska to El Paso, TX (KGTJ->KELP) and is now settling into a hangar at KELP. Vacuum pumping of the spectrometer has commenced, with first D14 flight expected to be Wednesday.

### **Issues/Concerns:**

None

### **Comments:**

- Due to the faulty vacuum gauge and thus inaccurate pressure readings, the crew is taking extra time to allow for the system to fully pump down before beginning the cooling process.
- GPS 04 was deployed at the Florida Station for the SRER site. FltOps will rely on local help in monitoring the unit/swapping batteries. Current plan is for Doug Cavender will remain in Tucson until the first SRER flight to provide ground support at KTUC before joining the crew in El Paso.

**Photos from the transit:**



Above: Looking east at the cuesta known as Mesa Verde, CO

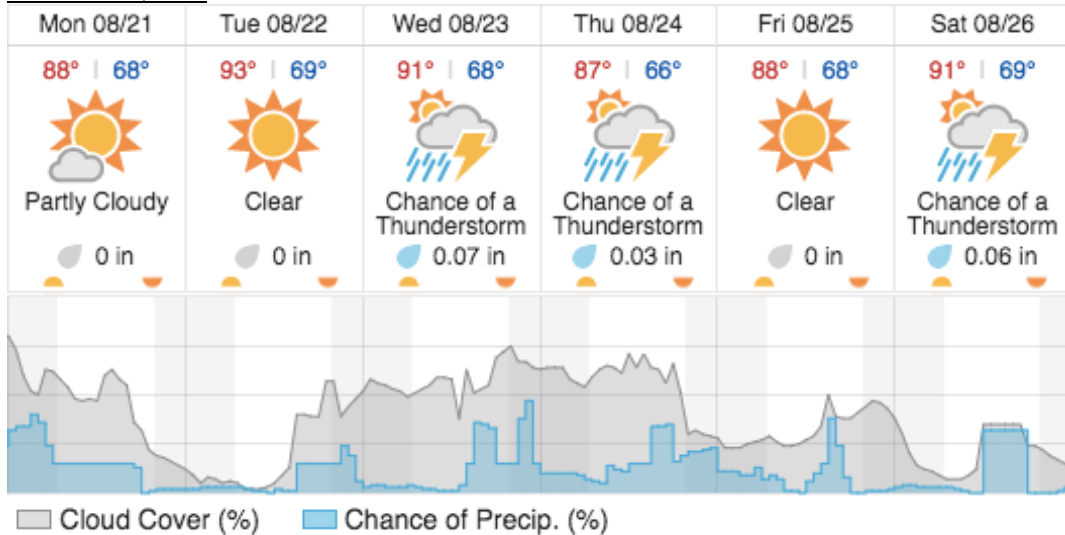
Bottom Left: A pleasant looking butte within the Ute Mountain Reservation, CO

Bottom Right: Gorgeous views of southern New Mexico on the El Paso approach

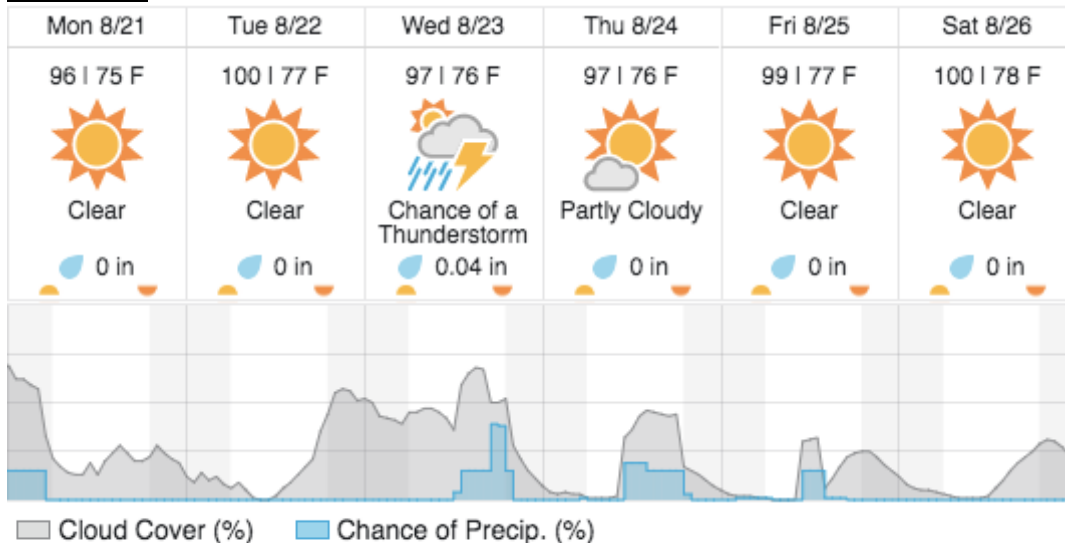


## Weather Forecast

### Las Cruces, NM



### Tucson, AZ



### Plan for August 21-22 2017:

System pump/cool down

### Flight Collection Plan for 23 August 2017:

#### **Flyority 1:**

Collection Area: Jornada (JORN) – Priority 1 Flight Box

Flight Plan Name: D14\_JORN\_R1\_P1\_v1.pln

On Station: 1000L / 1600 UTC

#### **Flyority 2:**

Collection Area: Santa Rita Experimental Range (SRER)

Flight Plan Name: D14\_SRER\_C1\_P1\_v4.pln

On Station: 1010L / 1610 UTC

#### **Flyority 3:**

Collection Area: Santa Rita Experimental Range (SRER)

Flight Plan Name: D14\_SRER\_C1\_P2\_v4.pln

On Station: 1010L / 1610 UTC

\*Local times given for El Paso, not Tucson

**Crew**

Lidar: Mitch Haynes

NIS: Michael Wussow

Ground: Doug Cavender