



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: 15

Flight Hours: 00:00

Hours until maintenance: 121.65

Date: 2017-08-21

Report Author: Mitch Haynes

Pilots: Kyler Dalton, Grant Frost

Flight Crew: Mitch Haynes, Michael Wussow

Ground/GPS: Doug Cavander

Additional Personnel:

GPS Instruments: None

Summary:

Continued vacuum pumping of spectrometer. False pressure gauge reading appears to be stabilizing around 2.15×10^{-3} Torr, which is about where pressure was reading in Fairbanks (D19) after the gauge failure; crew will continue to monitor and look to start NIS cooling later this evening or early tomorrow morning.

Issues/Concerns:

None

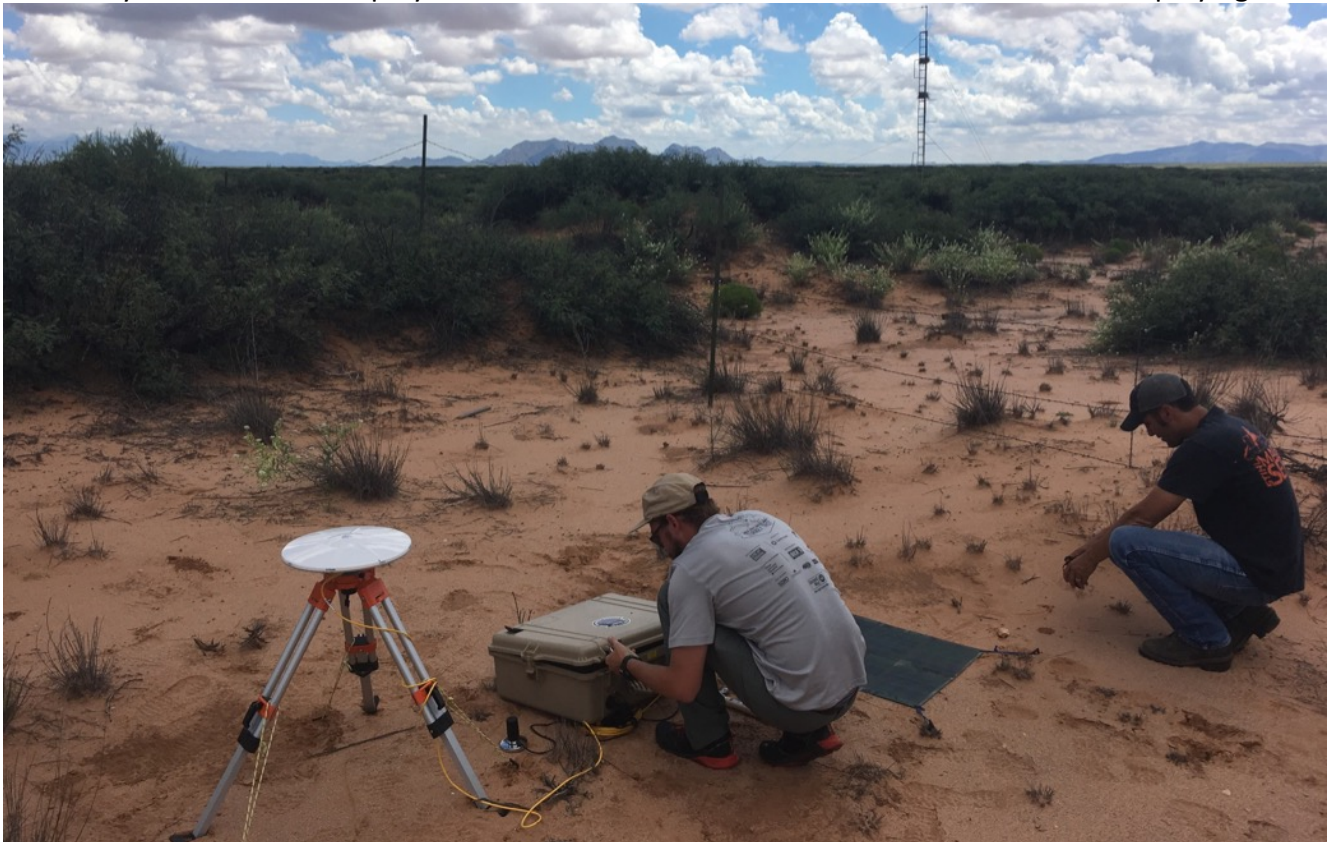
Comments:

- GPS 13 was deployed at JORN. Thanks to Ben Beal of D14 staff for his assistance.
- Hotel Kit 2 is en route to El Paso, expected to arrive tomorrow in anticipation of first flights on Wednesday.
- Can report that no eye damage occurred to crew following failed attempt to view partial eclipse.

Pictures:

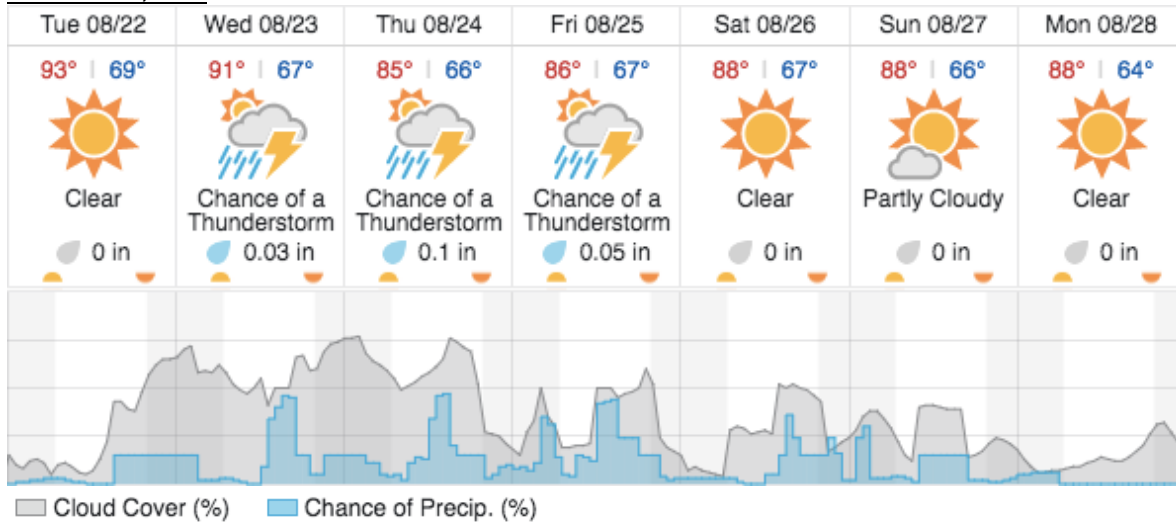


Above: An Oryx from our GPS deployment at Jornada **Below:** Michael Wussow & Ben Beal deploying said GPS

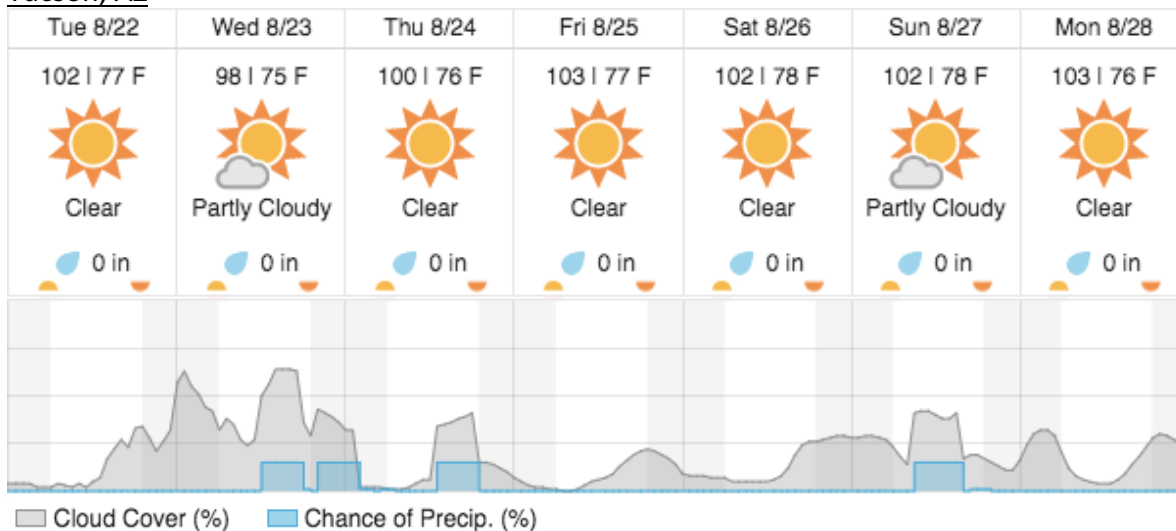


Weather Forecast

Las Cruces, NM



Tucson, AZ



Plan for August 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

Crew: Lidar: Mitch Haynes, NIS: Michael Wussow, Ground: Doug Cavender