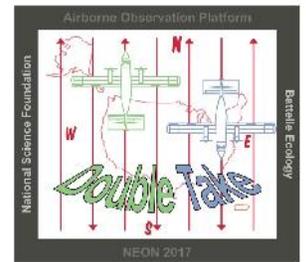




2017_P2C1 Daily Report



Flight Campaign ID: 2017_P2C1

FBO ID & City: El Paso International Airport (KELP) -
El Paso, TX

Domain: 14

Sites Flown: SRER

Days left in Domain: 12

Flight Hours: 04:16 + 03:02 = 07:18

Hours until maintenance: 103.052

Date: 2017-08-25

Report Author: Mitch Haynes

Pilots: Grant Frost, Kyler Dalton

Flight Crew: Mitch Haynes, Michael Wussow

Ground/GPS: Doug Cavender

Additional Personnel:

GPS Instruments:

04 - SRER, 06 - FBO@KELP, 12 - FBO@KTUS

Summary:

With non-green skies present over JORN, the crew once again made the transit over to Tucson to collect data over the Santa Rita Experimental Range. The SRER Priority 1 flight box was finished off under 100% green conditions, and lines from both the SRER Priority 2 and 3 flight boxes were collected as conditions deteriorated throughout the day.

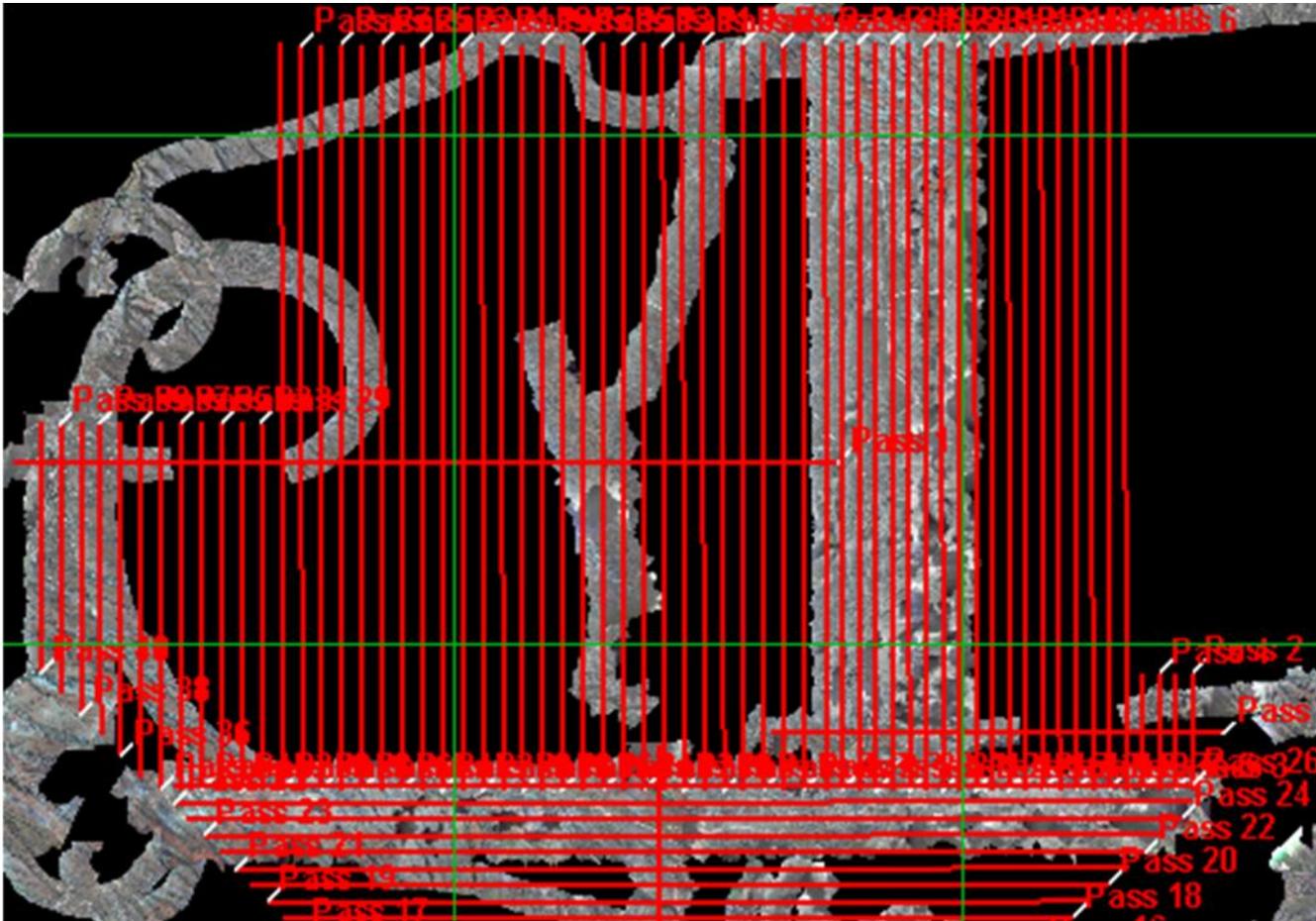
Issues/Concerns:

- Survey power was briefly lost during landing at KTUS following today's first flight. The crystal computer was restarted as quickly as possible and POS resumed. A 5-min ground hold was still conducted. Look to the lidar log for POS file naming following the power loss.

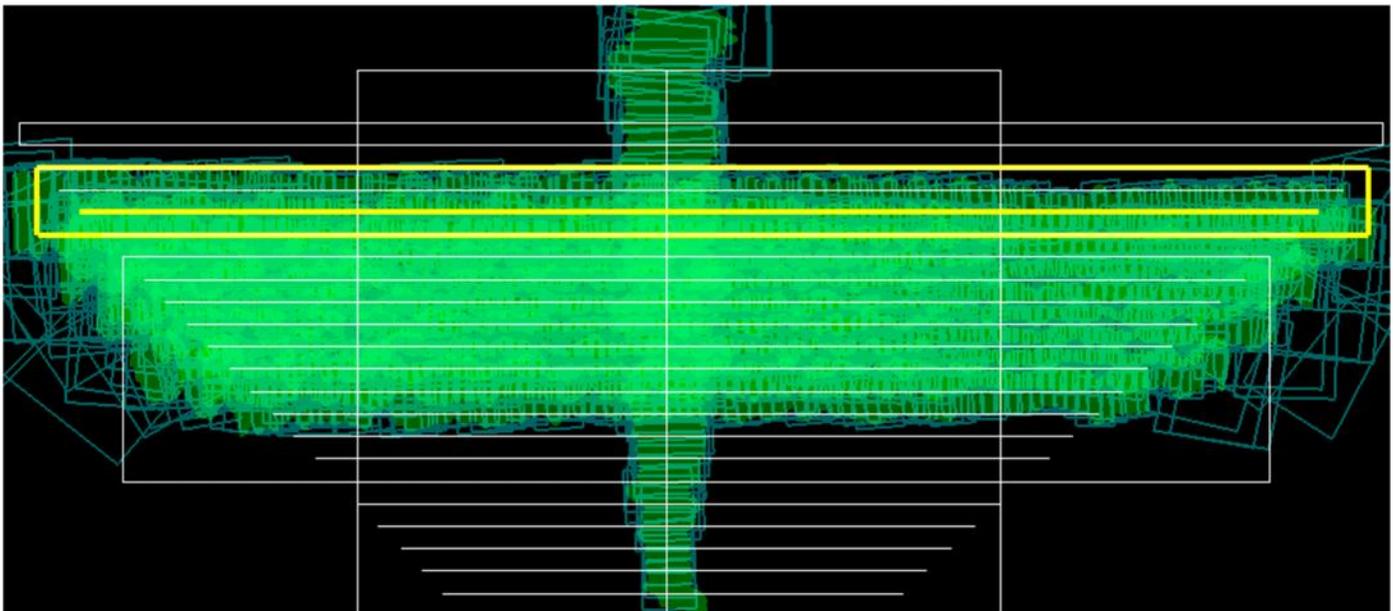
Comments:

- Completed the following lines at Santa Rita Ecological Range:
 - Priority 1 flight box: lines 37-40 Green
 - Priority 2 flight box: lines 19-24 Green, 16-18 Yellow
 - Priority 3 flight box: lines 23-26 Yellow, 14-22 Red
- Note to Data Processors: With the split crew between El Paso and Tucson, we've quickly fallen behind in our data extraction on the hotel kit. Expect the following Flight ID's to have QAQCs come through this weekend (hopefully):
 - 2017082413
 - 2017082419
 - 2017082514
 - 2017082519
- The D14 staff made a visit to the Otter during the refuel stop in Tucson. Thanks to Doug Cavender and Abe Karam for coordinating to make this happen.

NIS/Lidar Screenshot



Above – First Flight with collects over all 3 SRER flight boxes. Below – Second flight over SRER P3.

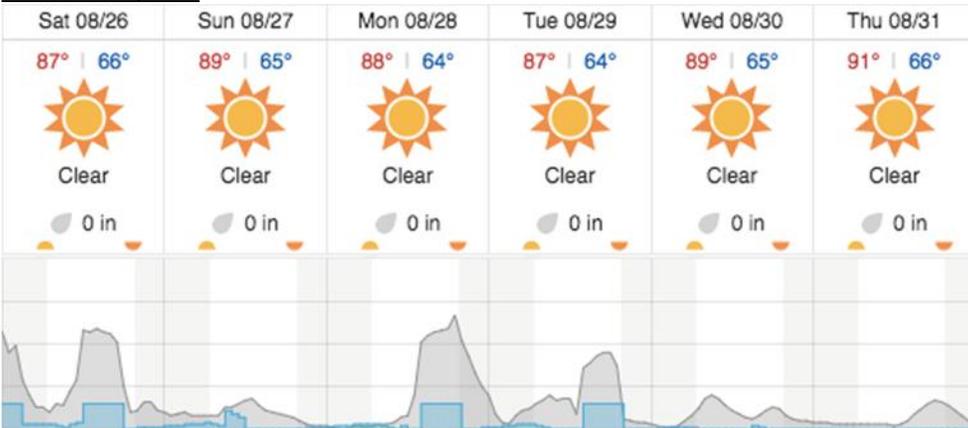


Pictures: D14 Staff visit to the Otter

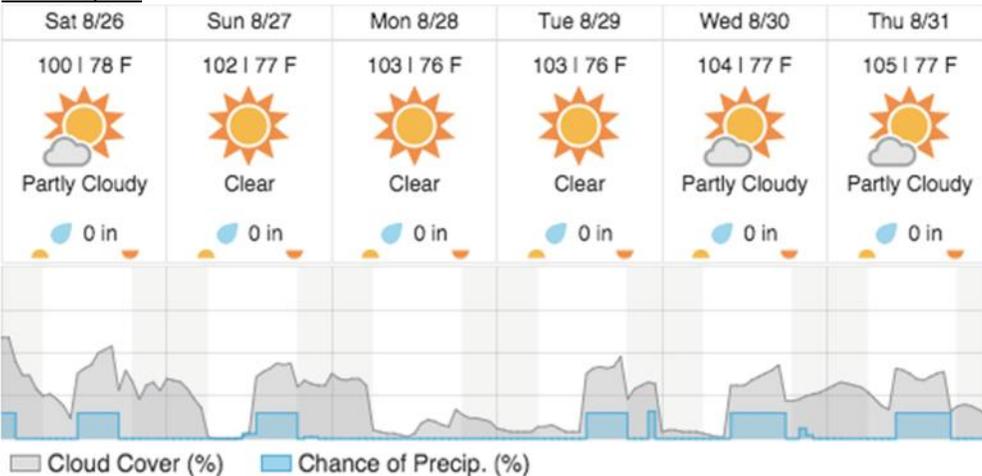


Weather Forecast

Las Cruces, NM



Tucson, AZ



☐ Cloud Cover (%) ☐ Chance of Precip. (%)

Flight Collection Plan for 26 August 2017:

Flyority 1:

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

Flight Plan Name: D14_JORN_R1_P1_v1.pln

On Station: 1100L / 1610 UTC

Flyority 2:

Collection Area: Santa Rita Experimental Range (SRER)

Flight Plan Name: D14_SRER_C1_P2_v4.pln

On Station: 1010L / 1610 UTC

Flyority 3:

Collection Area: Santa Rita Experimental Range (SRER)

Flight Plan Name: D14_SRER_C1_P3_v4.pln

On Station: 1010L / 1610 UTC

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

Flight Collection Plan for 27 August 2017:

NO FLY DAY – Crew Rotations

ASOs: Mitch Haynes OUT, John Adler IN

Pilots: Kyler Dalton OUT, Ben Wooten IN