



2017 P2C1 Daily Report



Flight Campaign ID: 2017_P2C1

FBO ID & City: Salt Lake City (KSLC) - Salt Lake City, UT

Domain: 15

Sites Flown: ONAQ

Days left in Domain: 2

Flight Hours: 03:58

Hours until maintenance: 86.57

Date: 2017-06-03

Report Author: Mitch Haynes

Pilots: Kyler Dalton, Jared Kadis

Flight Crew: Mitch Haynes, Heather Rogers, None

Ground/GPS: John Adler

Additional Personnel: None

GPS Instruments:

01 - KSLC, 02 - ONAQ, UNAVCO - P016

Summary:

Green conditions were initially present, but high cirrus across the sky quickly pushed the collect into yellow. With only 2 days left in the domain, and a similar forecast for the remaining days, it was decided to finish the rest of the ONAQ flight box under those yellow conditions.

Issues/Concerns:

Hotel Kit:

- Extraction and QAQC of yesterday's flight (2017060215 - ONAQ) was successful, however a re-extraction of Wednesday's flight (20170531 - REDB) once again failed to extract waveform. Why the waveform extraction continues to fail remains a mystery.
- Work-arounds for the VPN have been established, but why the VPN is failing to connect has yet to be determined. More troubleshooting is still needed.
- Andrew's fix for clearing temp drives off the C-Drive is working, but a more permanent solution is requested for why the C-Drive is filling up on HTK2 and not HTK1.

Comments:

- Lines 16-20 were collected under Green Conditions, and lines 9-10 and 21-42 under yellow conditions
- Both ONAQ and REDB now have 100% initial coverage, and flights will only be attempted to "better up" flight lines if clear, green conditions are present.
- Ivana Vu will arrive in Salt Lake City tomorrow.
- Mitch Haynes will depart Salt Lake City for Portland on Monday, in order to begin deployment of D16 GPS units.

Pictures:



Above:View of the Great Salt Lake, visable during the transit to ONAQ

Below: NEON tower and DFIR at ONAQ

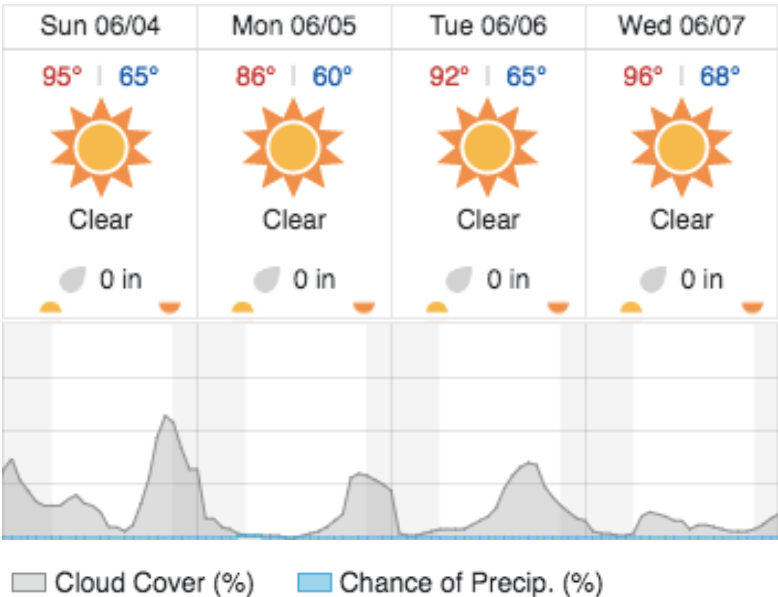




Above: Smoke plume visible in the distance, to the west of the flight box. Flight crew was unsure if smoke impacted spectrometer collect, but made note of in logs.

Weather Forecast

Salt Lake City, Utah



Flight collection Plan for 04 June 2017:

Flyority 1: Onaqui-Ault (ONAQ) *(Will only re-fly if green conditions are present)*

Flyority 2: Red Butte (REDB) *(Will only re-fly if green conditions are present).*

Crew:

Lidar: Heather Rogers

NIS: Mitch Haynes

Ground / GPS: John Adler

Flight collection Plan for 05 June 2017:

Flyority 1: Onaqui-Ault (ONAQ) *(Will only re-fly if green conditions are present)*

Flyority 2: Red Butte (REDB) *(Will only re-fly if green conditions are present).*

Crew:

Lidar: John Adler

NIS: Ivana Vu

Ground / GPS: Heather Rogers

Flight collection Plan for 06 June 2017:

Transit to D16: Hillsboro (Portland), OR

Crew: Ivana Vu