



Payload 1 Daily Flight Report



Date: 2023-07-05

Flight Campaign ID: P1C1

Airport, FBO ID, City: Portland-Hillsboro Airport (KHIO) - Hillsboro, OR, Crater Lake - Klamath Regional (KLMT) - Klamath Falls, OR, Fresno Yosemite International Airport (KFAT) - Fresno, CA

Aircraft: N331AR

Domain: 00 (Training & Calibration)

Sites Flown: Transit (00)

Days left in Domain: 2-5 (TBD)

Report Author: Elissa

Lidar Operators: Elissa **Flight Hours:** 01:40:00, 02:17:00

Spectrometer Operators: **Hours until maintenance:** 96.70

Pilots: Vince, Jeff

Ground Crew: Abe

Summary

We departed Hillsboro this morning after confirming that the adaptor cable was out for delivery in Fresno. The transit went smoothly in two short legs.

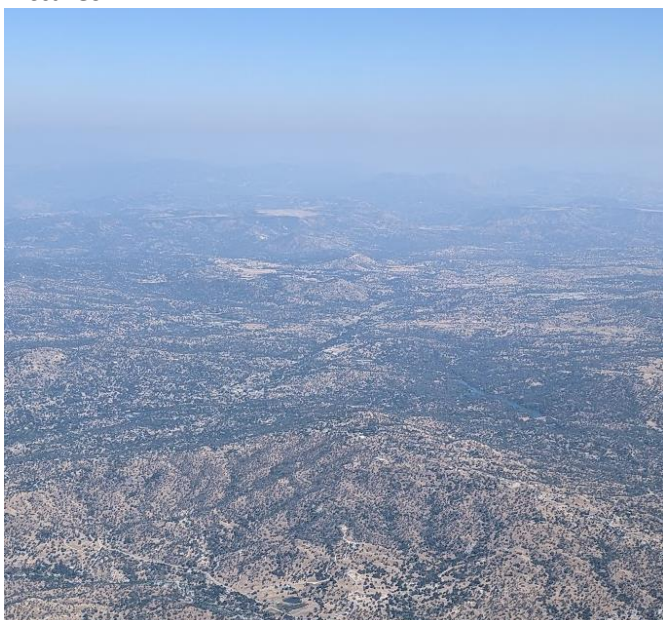
Concerns

Though the forecast is cloudless, quite a bit of moderate to heavy haze was observed over our sites on the transit into Fresno. It remains to be seen how this will impact our evolving plans for ad-hoc D17 collections.

Comments

Management is discussing plans to delay the departure to Fairbanks in order to attempt to collect TEAK as well as SOAP.

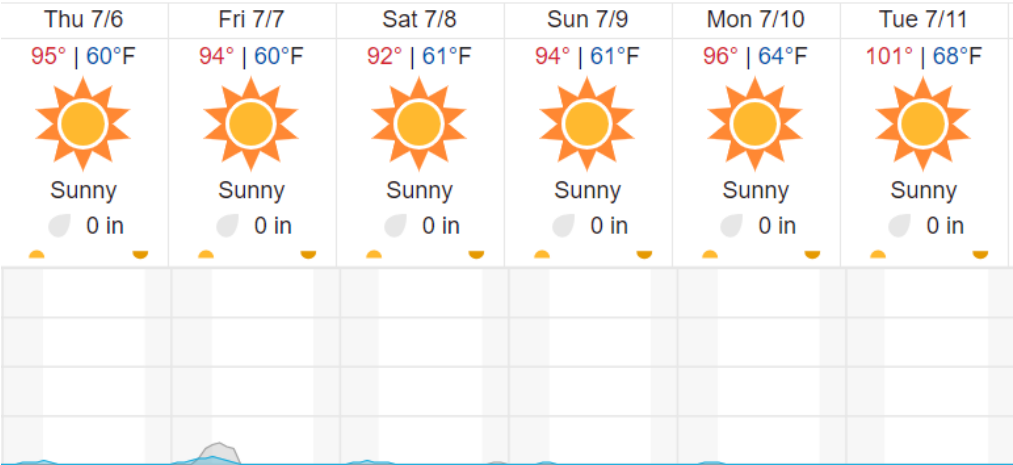
Pictures



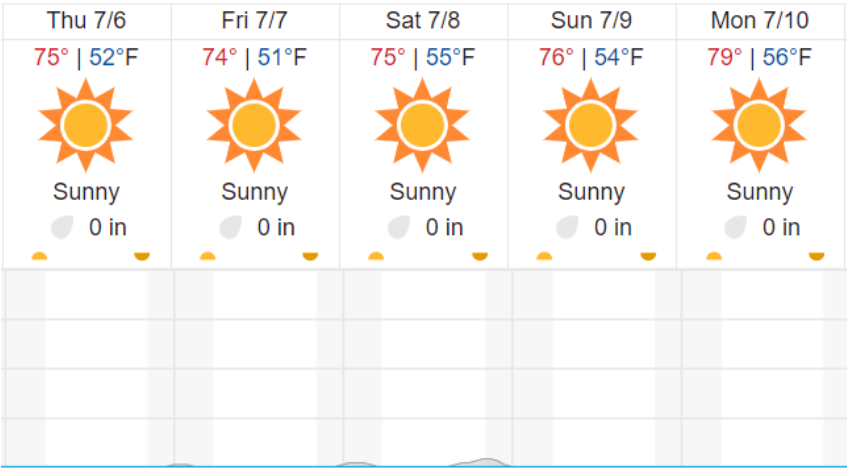
Thick haze in the direction of the D17 SOAP site.

Weather Forecast

Fresno, CA (KFAT)



Shaver Lake, CA (SOAP)



	Cloud Cover (%)		Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for 6 July 2023

Flyority 1

Collection Area: Soaproot Saddle (SOAP) – Variable Altitude Plan

Flight Plan Name: D17_SOAP_R1_P1_P2_P3_v7_PRM_Var_Alt_200m_above_eNOHD.xml

On-Station Time: 0920 L / 1620 UTC

Crew: Abe (Lidar), Elissa (NIS)