



Payload 1 Daily Flight Report



Date: 2026-08-17

Flight Campaign ID: P1C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO; Four Corners Regional Airport (KFMN) - Farmington, NM; Tucson International Airport (KTUS) - Tucson, AZ

Aircraft: N537AR

Domain: 00 (Training & Calibration)

Sites Flown: Transit ()

Days left in Domain: 14

Report Author: Elissa

Lidar Operators: Elissa **Flight Hours:** 02:07:00, 02:09:00

Spectrometer Operators: **Hours until maintenance:** 120.73

Pilots: Troy, Jonathan

Ground Crew: Mitch, John

Summary

Smooth sailing today for the transit from Boulder, CO (D10/13) to Tucson, AZ (D14).

Concerns

None.

Comments

- RAID_13 was formatted.
- John evaluated a new Forest Service site for the SYCA GPS (looks feasible).

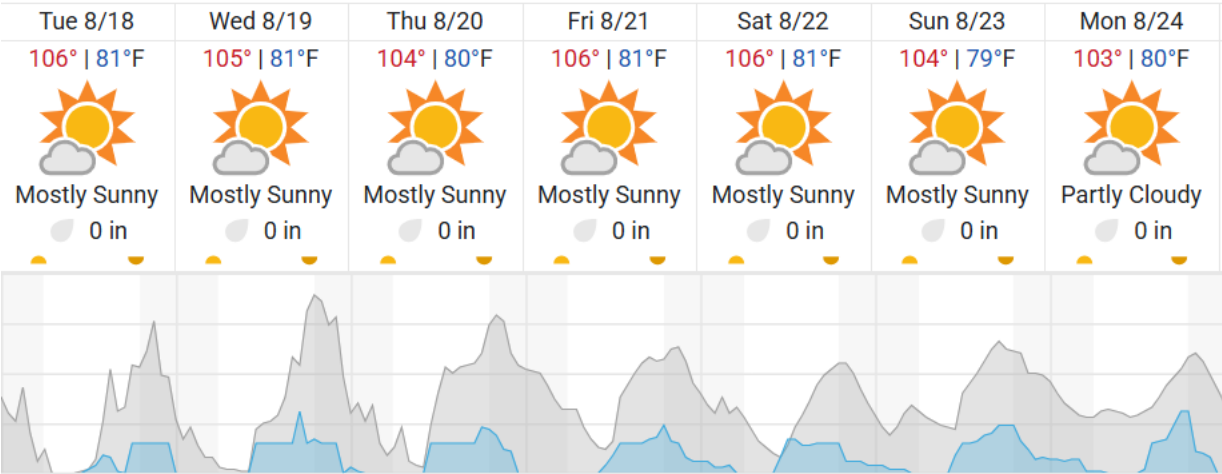
Photos



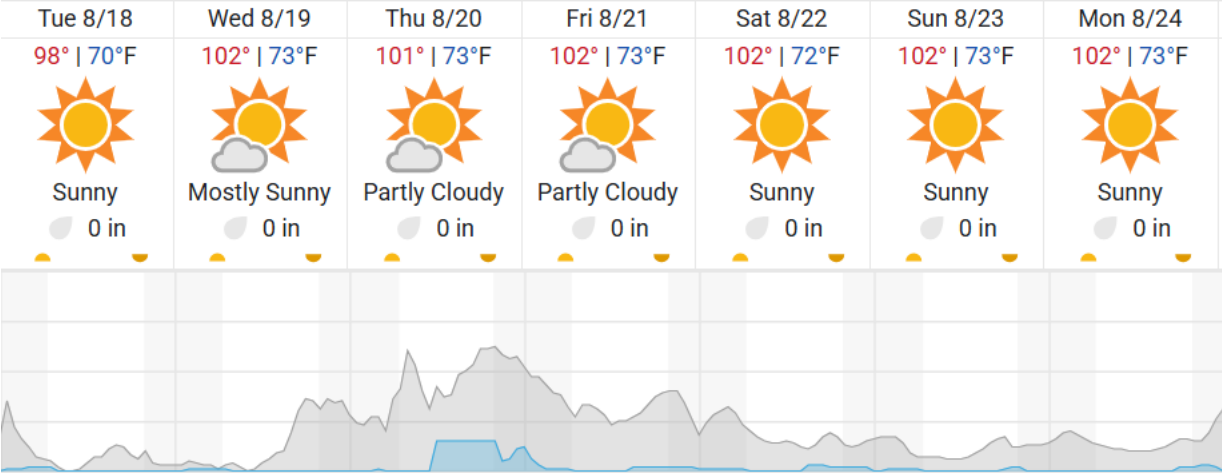
Scenic conditions over Southern Colorado gave way to scattered showers in Southeastern Arizona.

Weather Forecast

Tucson, AZ (SRER)



Hatch, NM (JORN)



Flight Collection Plan for 18 August 2026

Flyority 1

Site: Santa Rita Experimental Range (SRER) – Priority 1 Flight Box
Flight Plan Name: D14_SRER_C1_P1_P2_P3_v7_PRM.xml
Solar Angle Time: 10:10L/16:10UTC

Flyority 2

Site: Santa Rita Experimental Range (SRER) – Priority 2 Flight Box
Flight Plan Name: D14_SRER_C1_P1_P2_P3_v7_PRM.xml
Solar Angle Time: 10:10L/16:10UTC

Flyority 3

Site: Santa Rita Experimental Range (SRER) – Priority 3 Flight Box
Flight Plan Name: D14_SRER_C1_P1_P2_P3_v7_PRM.xml
Solar Angle Time: 10:10L/16:10UTC

Flyority 4

Site: Jornada (JORN) – Priority 1 Flight Box
Flight Plan Name: D14_JORN_C1_P1_P2_v5_PRM.xml
Solar Angle Time: 09:30L/15:30UTC

Flyority 5

Site: Jornada (JORN) – Priority 2 Flight Box
Flight Plan Name: D14_JORN_C1_P1_P2_v5/v6_PRM.xml
Solar Angle Time: 09:30L/15:30UTC

Crew: John (Lidar), Elissa (NIS)