



Payload 1 Daily Flight Report



Date: 2026-08-18

Flight Campaign ID: P1C1

Airport, FBO ID, City: Tucson International Airport (KTUS) - Tucson, AZ

Aircraft: N537AR

Domain: 14 (Desert Southwest)

Sites Flown: SRER

Days left in Domain: 13

Report Author: John

Lidar Operators: John

Flight Hours: 1.7

Spectrometer Operators: Elissa **Hours until maintenance:** 119.0

Pilots: Troy, Jonathan

Summary

Green conditions this morning; we were able to get 12% of SRER completed.

Concerns

There was an interesting note about lidar disc 2 being full, but all indications showed the system collecting data properly. A ServiceNow ticket will be created.

Comments

- Unable to create the matrix of the tracking boxes on this report via the database. We are looking further into the problem.
- SRER tower camera was fixed.
- Today's flight lines 3-11 were created with the wrong labels, they should be lines 2-10. New flight plan for SRER was created today for the future flights.

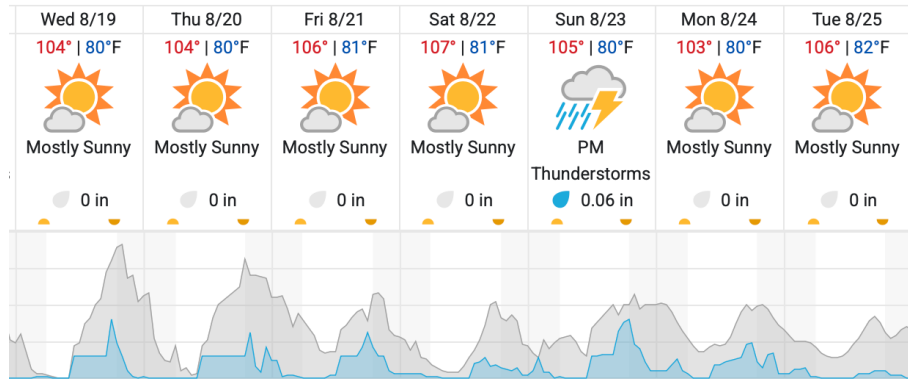
Photos



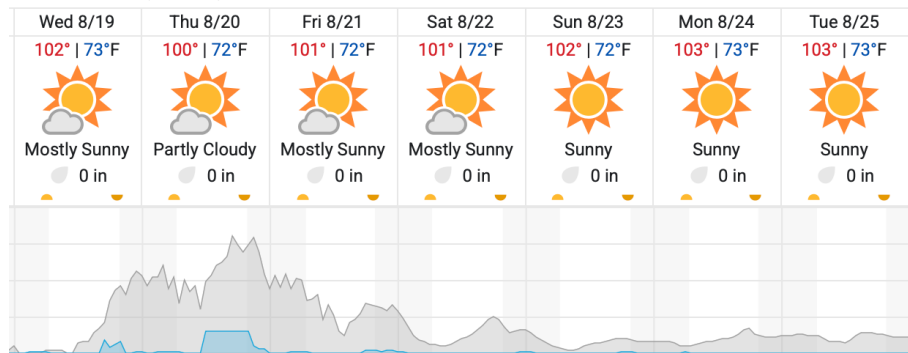
Looking pretty green...

Weather Forecast

Tucson, AZ (SRER)



Hatch, NM (JORN)



Flight Collection Plan for 19 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: 9:10L/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: 9:10L/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: 9:10L/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: Elissa (Lidar), John (NIS)