



Payload 3 Daily Flight Report

Date: 2026-09-10

Flight Campaign ID: P3C1

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

Aircraft: N537AR

Domain: 14 (Desert Southwest)

Sites Flown: None

Days left in Domain: 4

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: John **Hours until maintenance:** 93.78

Pilots: Jeff, Landon

Summary

High stratus layers this morning kept conditions solidly in the non-green, however gradual improved and came close to green before cumulus clouds and convective activity started. No flights attempted and crew focused on getting data extractions and QA caught up.

Concerns

None

Comments

Conducted an aircraft & payload tour with members of the D14 staff.

Cumulative Domain Coverage

D14|JORN_P1 (Jornada Priority 1)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24*	25*	26*														

Flown: 100% (26/26)

Green: 0% (0/26)

Yellow: 42% (11/26)

Red: 58% (15/26)

* Flown within 35deg solar angle

D14|JORN_P2 (Jornada Priority 2)

35	36*	37*	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
55																			

Flown: 100% (21/21)

Green: 0% (0/21)

Yellow: 67% (14/21)

Red: 33% (7/21)

* Flown within 35deg solar angle

D14|SRER_P1 (Santa Rita Experimental Range Priority 1, Lines 3-28 on Payload #1)

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	

Flown: 67% (26/39)

Green: 67% (26/39)

Yellow: 0% (0/39)
Red: 0% (0/39)
* Flown within 35deg solar angle

D14|SRER_P2 (Santa Rita Experimental Range Priority 2)

42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
62	63	64																	

Flown: 100% (23/23)
Green: 0% (0/23)
Yellow: 0% (0/23)
Red: 100% (23/23)
* Flown within 35deg solar angle

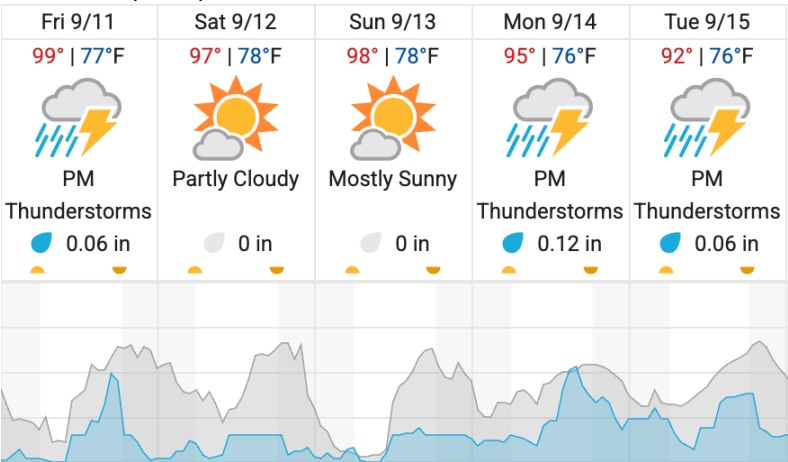
D14|SRER_P3 (Santa Rita Experimental Range Priority 3)

66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85
86	87	88	89	90															

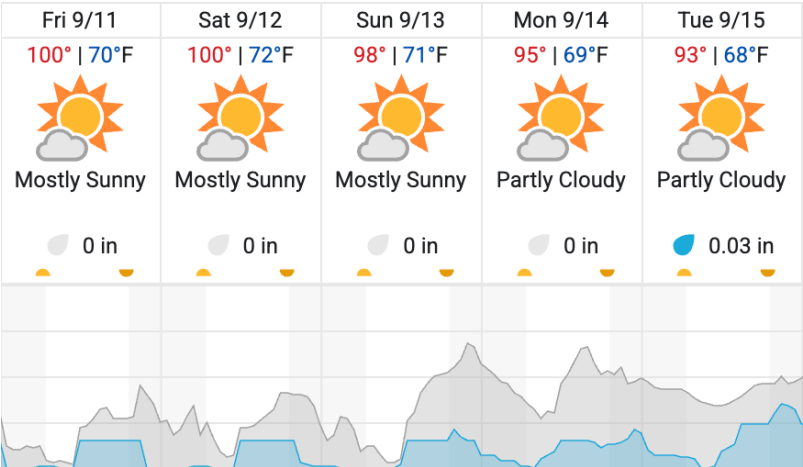
Flown: 100% (25/25)
Green: 0% (0/25)
Yellow: 0% (0/25)
Red: 100% (25/25)
* Flown within 35deg solar angle

Weather Forecast

Tucson AZ (SRER)



Las Cruces NM (JORN)



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

Flight Collection Plan for September 11, 2026

Flyority 1

Site: Santa Rita Experimental Range (SRER) – Priority 1 Flight Box – *lines 29-40*

Flight Plan Name: D14_SRER_C1_P1_P2_P3_v7_PRM.xml

Solar Angle Time: 9:30L/16:30UTC

Flyority 2

Site: Santa Rita Experimental Range (SRER) – Priority 2 Flight Box – *only if green*

Flight Plan Name: D14_SRER_C1_P1_P2_P3_v7_PRM.xml

Solar Angle Time: 9:30L/16:30UTC

Flyority 3

Site: Jornada (JORN) – Priority 1 Flight Box – *only if green*

Flight Plan Name: D14_JORN_C1_P1_P2_v5_PRM.xml

Solar Angle Time: 09:20L/16:20UTC

Flyority 4

Site: Jornada (JORN) – Priority 2 Flight Box – *only if green*

Flight Plan Name: D14_JORN_C1_P1_P2_v5_PRM.xml

Solar Angle Time: 09:20L/16:20UTC

Flyority 5

Site: Santa Rita Experimental Range (SRER) – Priority 3 Flight Box – *only if green*

Flight Plan Name: D14_SRER_C1_P1_P2_P3_v7_PRM.xml

Solar Angle Time: 9:30L/16:30UTC

Crew: John (Lidar), Mitch (NIS)