



Payload 3 Daily Flight Report



Date: 2026-09-03

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: 11

Report Author: Alyssa

Lidar Operators: Alyssa

Flight Hours: 00:00

Spectrometer Operators: John

Hours until maintenance: 108.73

Pilots: Jeff, Landon

Summary

Storm cells lingered in the area all day, leaving crew grounded.

Concerns

None.

Comments

None.

Cumulative Domain Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

Solar Angle Less Than 40 degrees: (*)

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: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

Red: 0% (0/26)

* 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: 90% (19/21)

Green: 0% (0/21)

Yellow: 67% (14/21)

Red: 24% (5/21)

* Flown within 35deg solar angle

D14|SRER_P1 (Santa Rita Experimental Range Priority 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: 0% (0/39)
Green: 0% (0/39)
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: 0% (0/23)
Green: 0% (0/23)
Yellow: 0% (0/23)
Red: 0% (0/23)
* Flown within 35deg solar angle

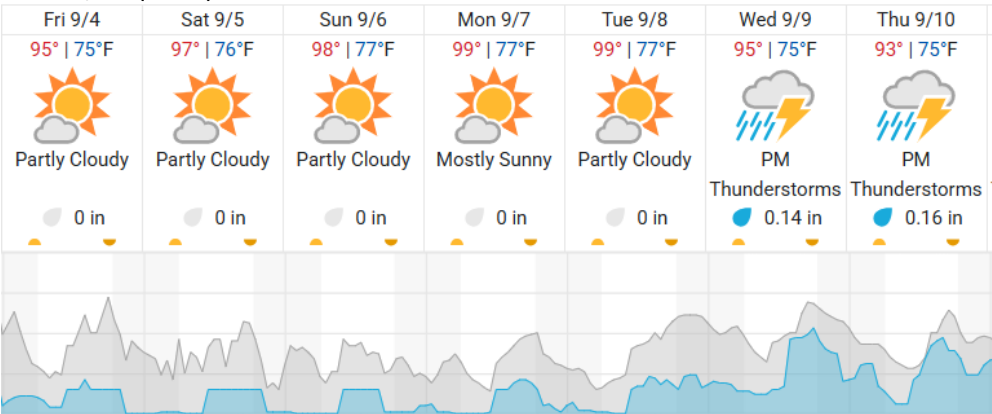
D14|SRER_P3 (Santa Rita Experimental Range Priority 3)

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															

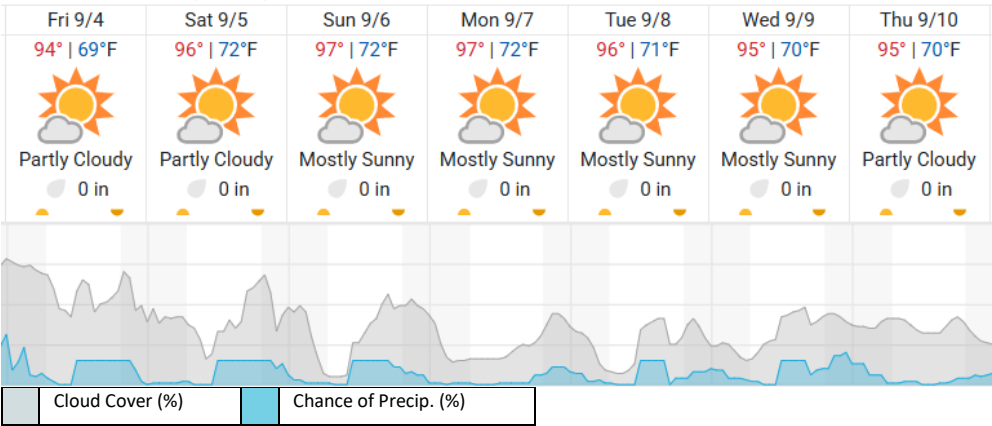
Flown: 0% (0/25)
Green: 0% (0/25)
Yellow: 0% (0/25)
Red: 0% (0/25)
* Flown within 35deg solar angle

Weather Forecast

Tucson, AZ (SRER)



Las Cruces, NM (JORN)



Flight Collection Plan for 4 September 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: 9:10L/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

Flyority 6

Site: Santa Rita Experimental Range (SRER) – Priority 1 Flight Box – *lines 2-28*

Flight Plan Name: D14_SRER_C1_P1_P2_P3_v7_PRM.xml

Solar Angle Time: 9:10L/16:10UTC

Crew: John (Lidar), Alyssa (NIS)