



Payload 3 Daily Flight Report

Date: 2026-08-31

Flight Campaign ID: P3C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO; Albuquerque International Sunport Airport (KABQ) - Albuquerque, NM; Tucson International Airport (KTUS) - Tucson, AZ

Aircraft: N537AR

Domain: 14 (Desert Southwest)

Sites Flown: Transit

Days left in Domain: 14

Report Author: Alyssa

Lidar Operators: N/A

Flight Hours: 02:21:00, 02:26:00

Spectrometer Operators: N/A

Hours until maintenance: 114.00

Pilots: Jeff, Landon

Flight Crew: Alyssa

Ground Crew: Matt, Elissa, John

Summary

Troubleshooting failed to replicate issues from yesterday, so payload was cleared for departure to D14. Uneventful transit despite early severe storms in Tucson, with a fuel stop in Albuquerque.

Concerns

None.

Comments

None.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

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: 0% (0/21)

Green: 0% (0/21)

Yellow: 0% (0/21)

Red: 0% (0/21)

* 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: 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: 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)

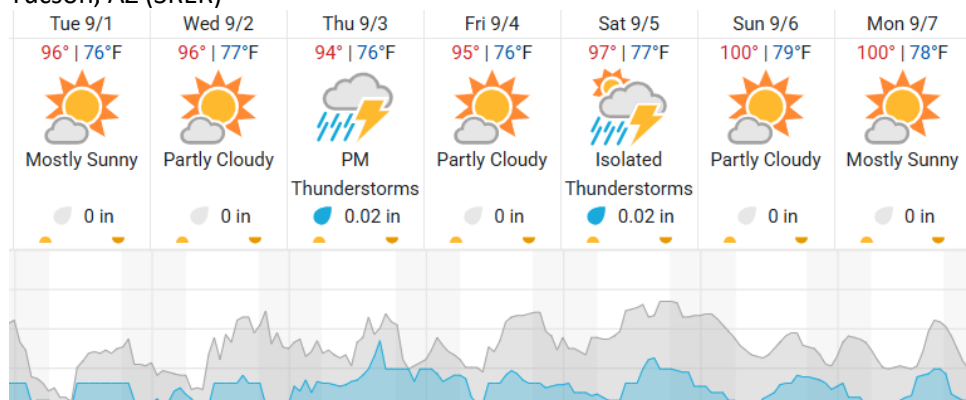
Yellow: 0% (0/25)

Red: 0% (0/25)

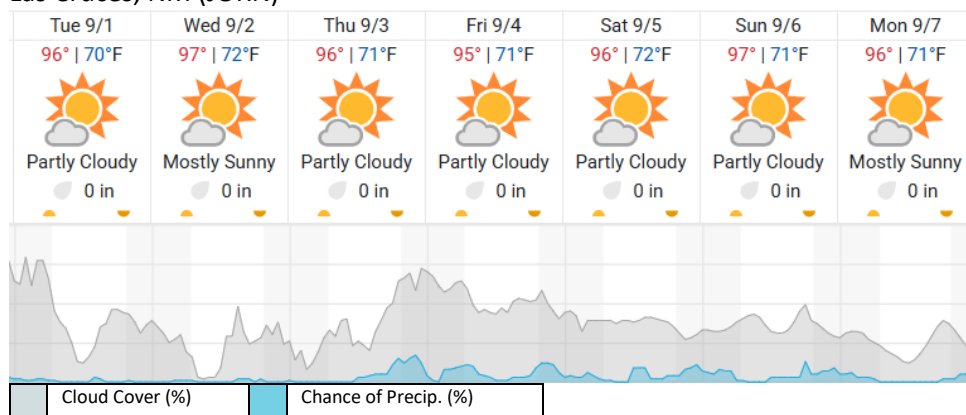
* Flown within 35deg solar angle

Weather Forecast

Tucson, AZ (SRER)



Las Cruces, NM (JORN)



Cloud Cover (%)	Chance of Precip. (%)
-----------------	-----------------------

source: wunderground.com

Flight Collection Plan for 1 September 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: Alyssa (Lidar), John (NIS)