



Payload 3 Daily Flight Report

Date: 2025-08-31

Flight Campaign ID: P3C1

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

Aircraft: N821AR

Domain: 14 (Desert Southwest)

Sites Flown: None

Days left in Domain: 15

Report Author: Cameron

Lidar Operators: Cameron

Flight Hours: 00:00

Spectrometer Operators: Matt

Hours until maintenance: 71.07

Pilots: Jeff, Mac

Summary

Clouds formed early across the region and remained through the day. No flights were conducted.

Concerns

- None

Comments

- Pilot Troy was replaced by Mac today.
- Elissa arrived in D14 this afternoon. Welcome Elissa!

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

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	27	28	29	30	31	32	33	34						

Flown: 0% (0/34)

Green: 0% (0/34)

Yellow: 0% (0/34)

Red: 0% (0/34)

* 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
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Flown: 0% (0/20)

Green: 0% (0/20)

Yellow: 0% (0/20)

Red: 0% (0/20)

* 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: 56% (22/39)

Green: 56% (22/39)

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)

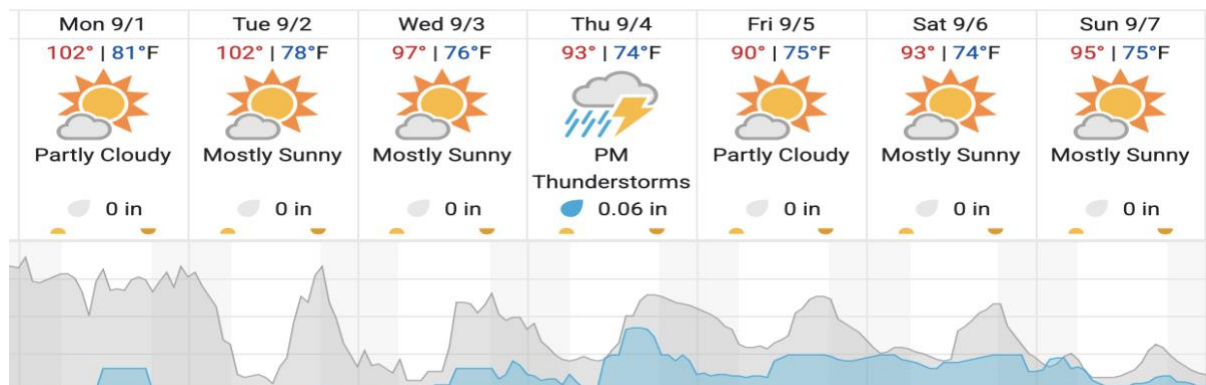
Yellow: 0% (0/25)

Red: 0% (0/25)

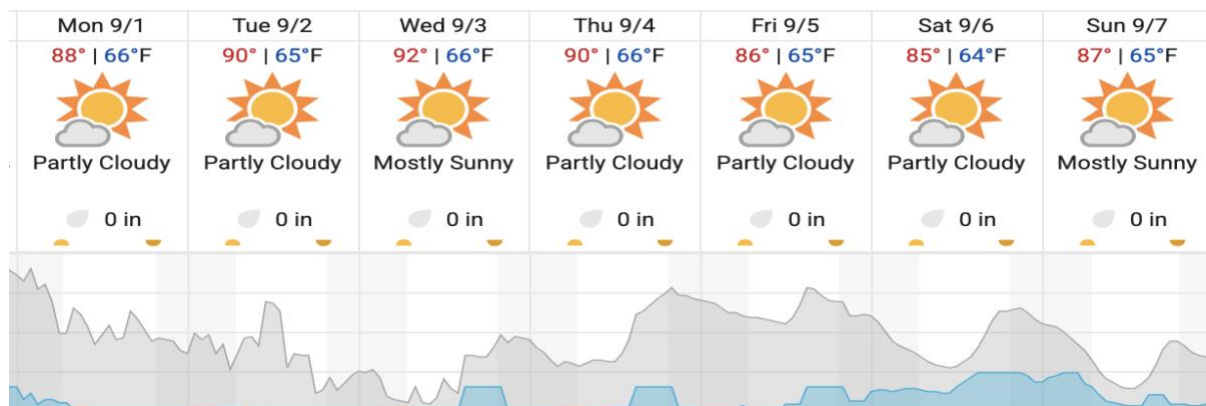
* Flown within 35deg solar angle

Weather Forecast

Tucson, AZ (SRER)



Hatch, NM (JORN)



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

Flight Collection Plan for 01 September 2025

Flyority 1

Collection Area: Santa Rita Experimental Range (SRER) P1

Flight Plan Name: D14_SRER_C1_P1_v8_Q780

On-Station Time: 1620 UTC / 0920 L

Flyority 2

Collection Area: Santa Rita Experimental Range (SRER) P2

Flight Plan Name: D14_SRER_C1_P2_v8_Q780

On-Station Time: 1620 UTC / 0920 L

Flyority 3

Collection Area: Santa Rita Experimental Range (SRER) P3

Flight Plan Name: D14_SRER_C1_P3_v8_Q780

On-Station Time: 1620 UTC / 0920 L

Flyority 4

Collection Area: Jornada (JORN) – Priority 1 Flight Box)

Flight Plan Name: D14_JORN_R1_P1_v4_Q780

On-Station Time: 1540 UTC / 0820 L *35 degree

Flyority 5

Collection Area: Jornada (JORN) – Priority 2A Flight Box

Flight Plan Name: D14_JORN_R1_P2_v4_Q780

On-Station Time: 1540 UTC / 0820 L *35 degree

Crew: Matt (Lidar), Cam (NIS) Elissa (Ground)