



Payload 3 Daily Flight Report



Date: 2024-08-31
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: 06

Report Author: Cameron
Lidar Operators: Cameron **Flight Hours:** 00:00
Spectrometer Operators: Mitch **Hours until maintenance:** 73.60
Pilots: Vince, Manning

Summary
Unfortunately, cloud cover began to form over our site around solar angle. The clouds persisted and intensified throughout the day, ultimately preventing any flights from occurring. However, the current forecast continues to indicate favorable weather conditions for the early part of next week.

Concerns
- None

Comments
- None

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

Line #

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

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)

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)

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)

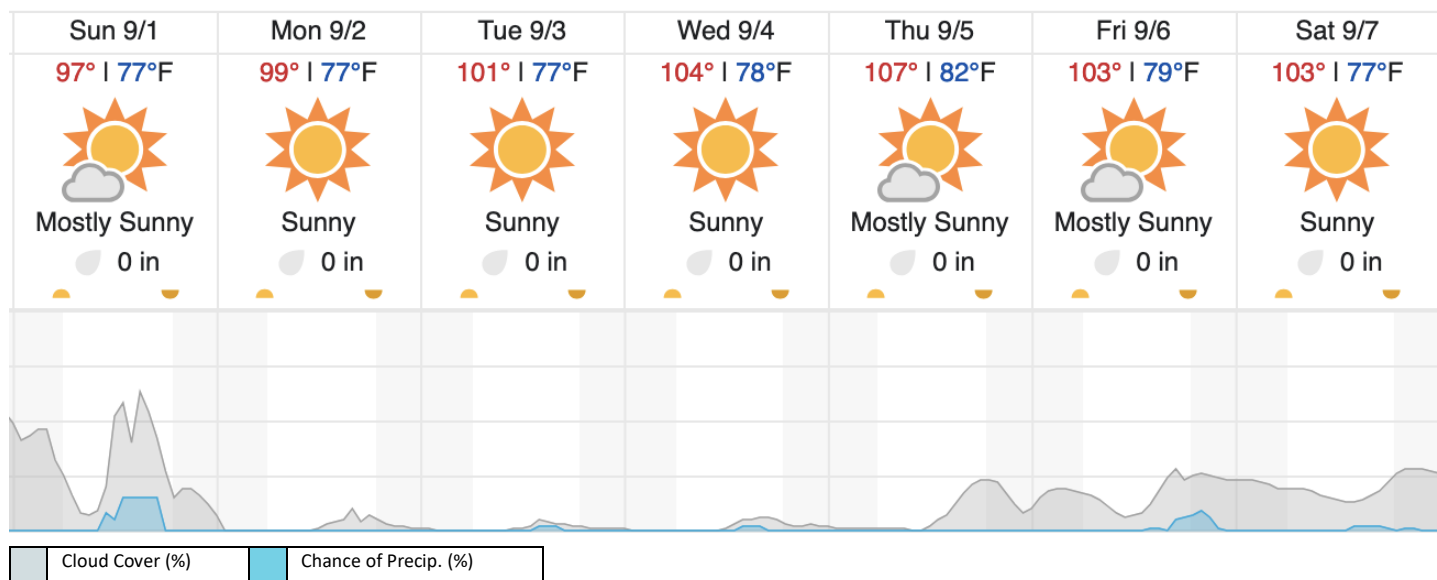
Green: 0% (0/25)

Yellow: 0% (0/25)

Red: 0% (0/25)

Weather Forecast

Tucson, AZ



source: wunderground.com

Flight Collection Plan for 01 September 2024

Flyority 1

Collection Area: Santa Rita Experimental Range (SRER) – Priority 1 Box

Flight Plan Name: D14_SRER_C1_P1_v4_Q780

40° On-station Time: 16:20 UTC / 09:20 MST

Flyority 3

Collection Area: Santa Rita Experimental Range (SRER) – Priority 2 Box

Flight Plan Name: D14_SRER_C1_P2_v5_Q780

40° On-station Time: 16:20 UTC / 09:20 MST

Flyority 4

Collection Area: Santa Rita Experimental Range (SRER) – Priority 3 Box

Flight Plan Name: D14_SRER_C1_P3_v5_Q780

40° On-station Time: 16:20 UTC / 09:20 MST

Crew: Mitch (Lidar), Cam (NIS)