



**neon**  
Operated by Battelle

## Payload 3 Daily Flight Report



**Date:** 2026-09-08

**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:** 6

**Report Author:** John

**Lidar Operators:** John

**Flight Hours:** 00:00

**Spectrometer Operators:** Nick **Hours until maintenance:** 97.28

**Pilots:** Jeff, Landon

### Summary

Cloudy conditions kept us from flying today. We caught up on two days of data processing.

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

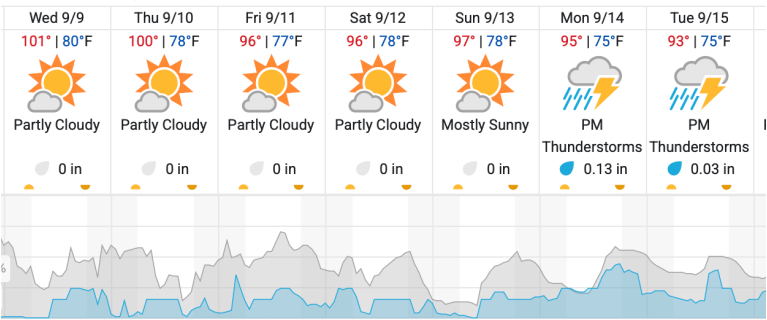
D14|SRER\_P3 (Santa Rita Experimental Range Priority 3 )

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

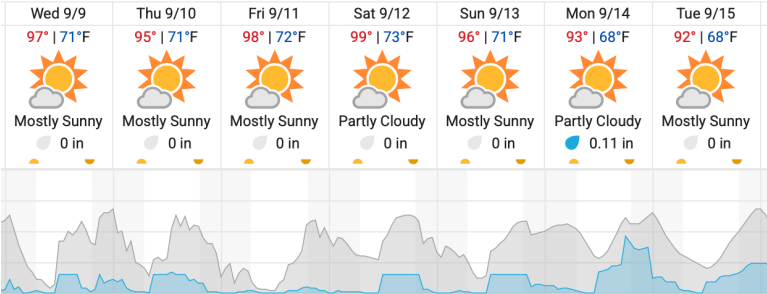
Flown: 100% (25/25)  
Green: 0% (0/25)  
Yellow: 0% (0/25)  
Red: 100% (25/25)  
\* Flown within 35deg solar angle

Weather Forecast

Tucson AZ (SRER)



Las Cruces NM (JORN)



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

source: wunderground.com

## **Flight Collection Plan for September 9, 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: 9:20L/16:20UTC

### **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: 9:20L/16:20UTC

### **Flyority 3**

Site: Santa Rita Experimental Range (SRER) – Priority 3 Flight Box Line 65

Flight Plan Name: D14\_SRER\_C1\_P1\_P2\_P3\_v7\_PRM.xml

Solar Angle Time: 9:20L/16:20UTC

### **Flyority 4**

Greening up other flight lines at SRER and JORN.

**Crew:** John (Lidar), Mitch (NIS)