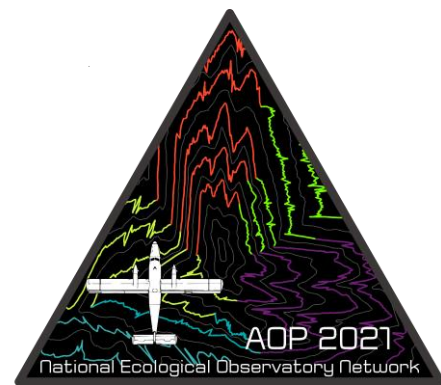




## Payload 3 Daily Flight Report



**Date:** 2021-09-06

**Flight Campaign ID:** P3C1

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

**Aircraft:** N615AR

**Domain:** 14 (Desert Southwest)

**Sites Flown:** None

**Days left in Domain:** TBD

**Report Author:** Abe Morrison

**Lidar Operators:** Abe Morrison

**Spectrometer Operators:** Matt Devoe

**Pilots:** Will Mathews, Scott Hayward

**Flight Hours:** 00:00

**Hours until maintenance:** 38.17

### Summary

This Labor Day started out with beautiful clear blue skies... except for the one group of low cumulus hanging over the top of the Santa Rita Mountains. Unfortunately, no collection flights could be made. The forecast does look very favorable in the next few days for us to complete collections at SRER and JORN.

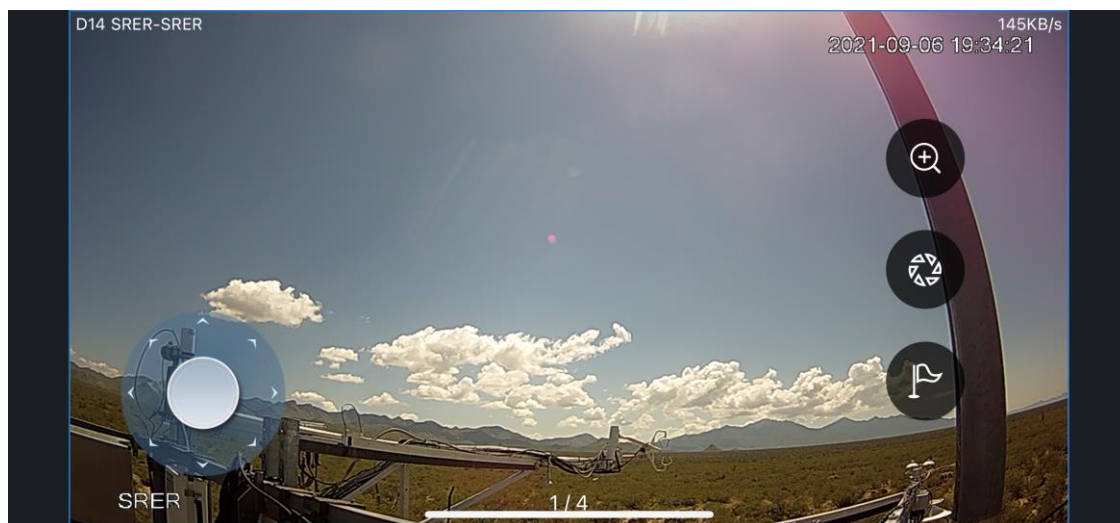
### Concerns

None

### Comments

None

### Pictures



AOP's SRER tower camera looking south toward Mount Hopkins and the Santa Rita Mountains.

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: 100% (34/34)  
Green: 100% (34/34)  
Yellow: 0% (0/34)  
Red: 0% (0/34)

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: 14% (3/21)  
Green: 10% (2/21)  
Yellow: 5% (1/21)  
Red: 0% (0/21)

D14|SRER\_P1 (Santa Rita Experimental Range 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	35	36	37	38	39	40

Flown: 100% (40/40)  
Green: 100% (40/40)  
Yellow: 0% (0/40)  
Red: 0% (0/40)

D14|SRER\_P2 (Santa Rita Experimental Range Priority 2)

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64																

Flown: 100% (24/24)  
Green: 79% (19/24)  
Yellow: 21% (5/24)  
Red: 0% (0/24)

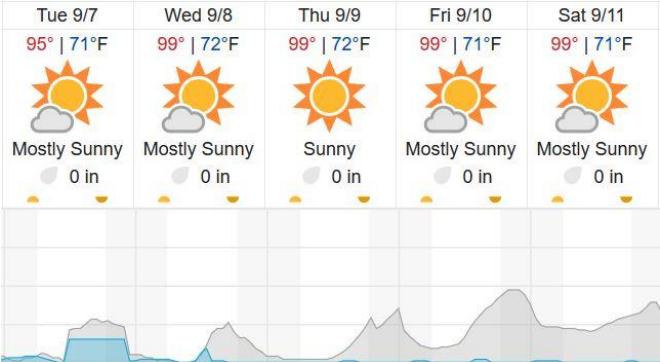
D14|SRER\_P3 (Santa Rita Experimental Range Priority 3 )

65	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														

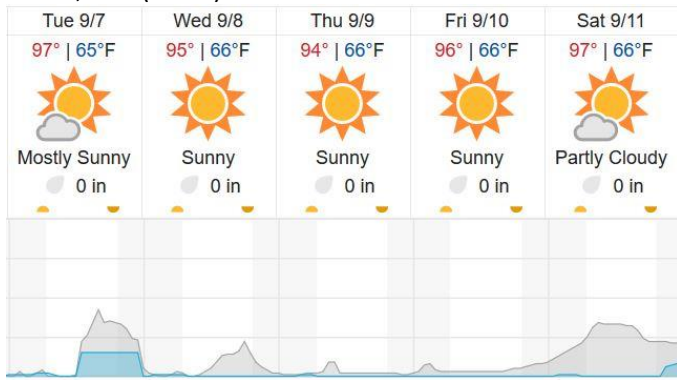
Flown: 31% (8/26)  
Green: 0% (0/26)  
Yellow: 31% (8/26)  
Red: 0% (0/26)

Weather Forecast

Vail, AZ (SRER)



## Hatch, NM (JORN)



source: wunderground.com

## Flight Collection Plan for 7 September 2021

### Flyority 1

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

Lines 42-46 if green

Flight Plan Name: D14\_SRER\_C1\_P2\_v5\_Q780

On-station Time: 16:20 UTC / 09:20 L

### Flyority 2

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

Flight Plan Name: D14\_SRER\_C1\_P3\_v5\_Q780

On-station Time: 16:20 UTC / 09:20 L

### Flyority 3

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

Lines 38-55

Flight Plan Name: D14\_JORN\_R1\_P2\_v4\_Q780

On-station Time: 16:10 UTC / 10:10 L

Crew: Abe and Matt