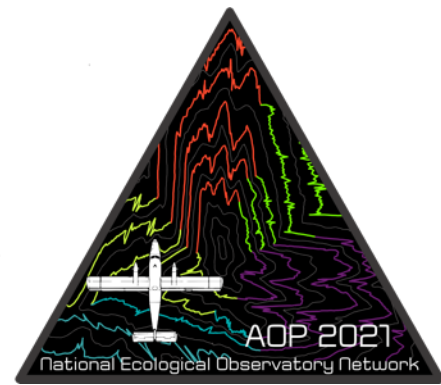




## Payload 3 Daily Flight Report



**Date:** 2021-08-22  
**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:** 15

**Report Author:** Michael Wussow  
**Lidar Operators:** Michael Wussow  
**Spectrometer Operators:** Abe Morrison  
**Pilots:** Stephen Brawders, Vince Maarschalkerweerd

**Flight Hours:** 00:00  
**Hours until maintenance:** 63.02

### Summary

Pumping and cooling was continued today as well as various domain initialization tasks completed. The system is nearing completion of cooling and should be ready for surveys tomorrow morning.

### Concerns

None

### Comments

- 2021\_P3C1\_13 was formatted and SNOW item created
- POSPac license was renewed until 9/20 and SVN was updated on HK3

### 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														

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

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)

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: 0% (0/40)  
 Green: 0% (0/40)  
 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: 0% (0/24)  
 Green: 0% (0/24)  
 Yellow: 0% (0/24)  
 Red: 0% (0/24)

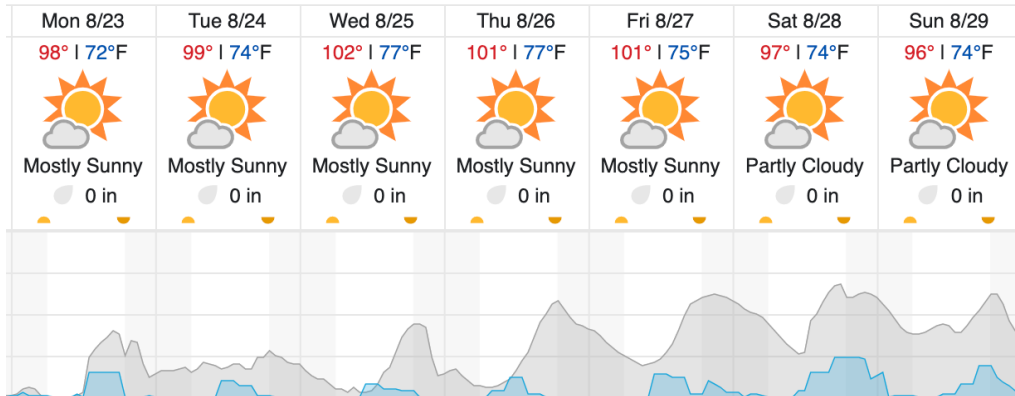
D14|SRER\_P3 (Santa Rita Experimental Range Priority 3)

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														

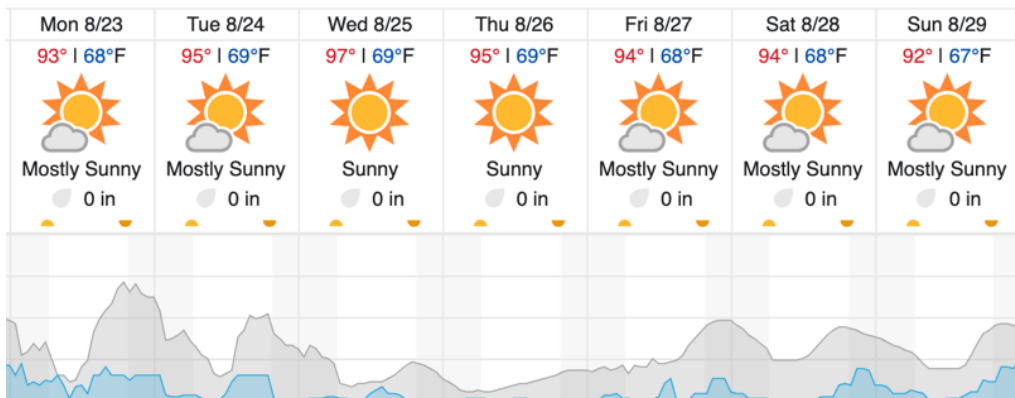
Flown: 0% (0/26)  
 Green: 0% (0/26)  
 Yellow: 0% (0/26)  
 Red: 0% (0/26)

**Weather Forecast**

Vail, AZ (SRER)



Hatch, NM (JORN)



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

## **Flight Collection Plan for August 23 2021**

### **Flyority 1**

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

Flight Plan Name: D14\_SRER\_C1\_P1\_v4\_Q780

On-station Time: 16:10 UTC / 09:10 L

### **Flyority 2**

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

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

On-station Time: 16:10 UTC / 09:10 L

### **Flyority 3**

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

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

On-station Time: 16:10 UTC / 09:10 L

### **Flyority 4**

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

Flight Plan Name: D14\_JORN\_R1\_P1\_v4\_Q780

On-station Time: 16:00 UTC / 09:00 L

### **Flyority 5**

Collection Area: Jornada (JORN) – Priority 1 Flight Box– Priority 2 Box

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

On-station Time: 16:00 UTC / 09:00 L

Crew: Mike and Abe