



## August 22, 2018 Payload 3 Daily Flight Report



**Date:** 2018-08-22

**Flight Campaign ID:** 2018\_P3C1

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

**Domain:** 14

**Sites Flown:** None

**Days left in Domain:** 10

**Report Author:** Mitch Haynes

**Flight Crew:** Mitch Haynes, Abe Morrison

**Flight Hours:** 00:00

**Ground/GPS:**

**Hours until maintenance:** 111.57

**Pilots:** Grant Frost, Hans Germann

**Additional Personnel:**

**GPS Instruments:**

### Summary

Scheduled no fly day; crews rotating. Available crew still evaluated weather for potential flight but building cumulus and afternoon thunderstorms continued to dominate the study regions.

### Concerns

None

### Comments

- Cameron Chapman rotated back home to Colorado and Robb Walker arrived in Tucson.
- Conducted a second Hg Lamp test to ensure Spectrometer functionality

### Cumulative Domain Coverage

#### JORN\_P1

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)

#### JORN\_P2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21																			

Flown: 0% (0/21)

Green: 0% (0/21)

Yellow: 0% (0/21)

Red: 0% (0/21)

#### SRER\_P1

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)

SRER\_P2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24																

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

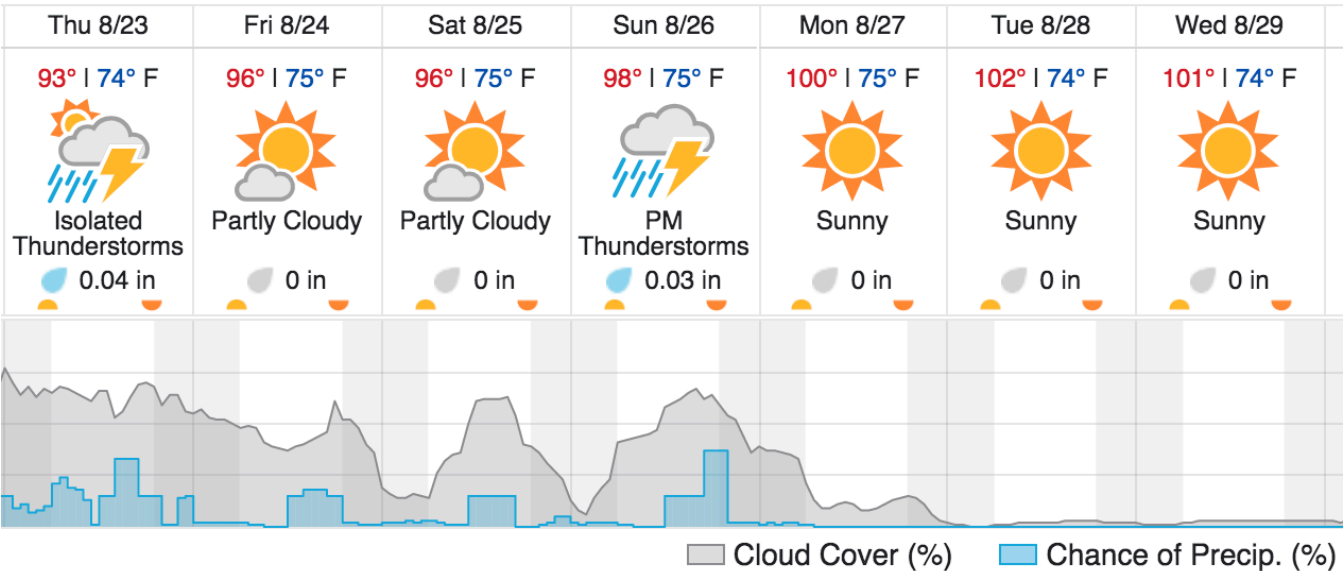
SRER\_P3

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														

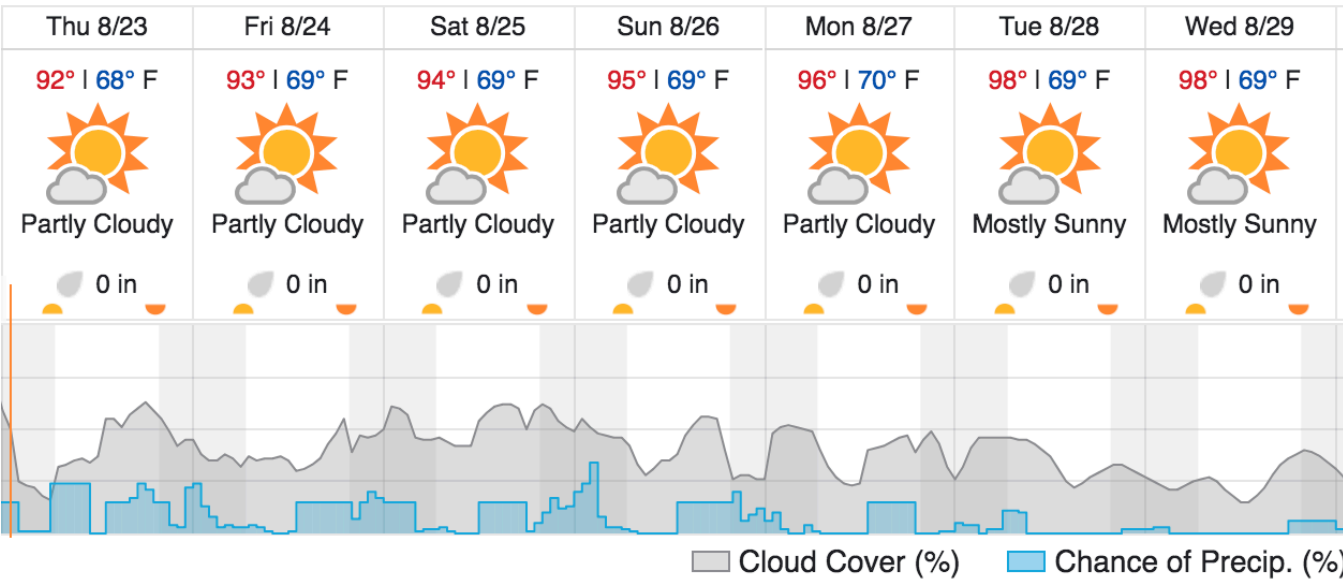
Flown: 0% (0/26)  
Green: 0% (0/26)  
Yellow: 0% (0/26)  
Red: 0% (0/26)

Weather Forecast

Tucson AZ



Las Cruces NM



## **Flight Collection Plan for 23 August 2018**

### **Flyority 1** (Flight Priority 1):

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

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

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

### **Flyority 2** (Flight Priority 2):

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

Flight Plan Name: D14\_SRER\_C1\_P2\_v4\_Q780

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

### **Flyority 3** (Flight Priority 3):

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

Flight Plan Name: D14\_SRER\_C1\_P3\_v4\_Q780

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

### **Flyority 4** (Flight Priority 4):

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

Flight Plan Name: D14\_JORN\_R1\_P1\_v3\_Q780

On-Station Time: 16:00 UTC / 10:00 L

### **Flyority 5** (Flight Priority 5):

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

Flight Plan Name: D14\_JORN\_R1\_P2\_v1\_Q780

On-Station Time: 16:00 UTC / 10:00 L

Crew: Mitch Haynes (Lidar), Abe Morrison (NIS), Robb Walker (Ground)