



## Payload 1 Daily Flight Report



**Date:** 2022-09-01  
**Flight Campaign ID:** P1C1  
**Airport, FBO ID, City:** Tucson International Airport - Tucson, AZ  
**Aircraft:** N331AR

**Domain:** 14 (Desert Southwest)  
**Sites Flown:** None  
**Days left in Domain:** 10

**Report Author:** Mitch  
**Lidar Operators:** Mitch                      **Flight Hours:** 00:00  
**Spectrometer Operators:** Elissa      **Hours until maintenance:** 41.27  
**Pilots:** Vince, Steven

### Summary

Clouds had already started forming at our sites prior to hitting solar angle. No flights were conducted. Crew focused on getting caught up on data extraction.

### Concerns

From what we've seen over the first few flights of D14, there are concerns about the larger than normal quantities of data being collected during flights, mainly due to the higher PRF waveform data. Should we run out of space on the D:Drive of Hotel Kit 1, a contingency plan has been made to ship Hotel Kit 4 to Tucson. HK4 is now standing by at the hangar, ready to ship, should the crew request it.

### Comments

- RAID 2022\_P1C1\_15 was shipped to the Denver Data Center today
- Abe arrived in D14 this afternoon, Mitch departs tomorrow

### 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)

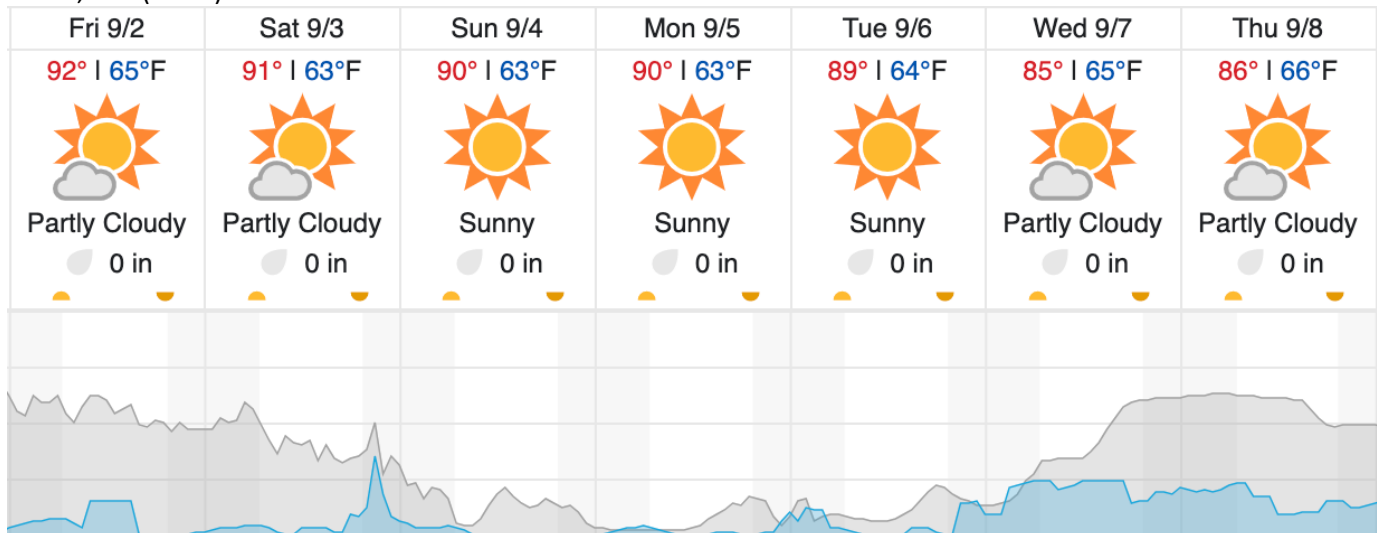
35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	
55																				

Flown: 0% (0/21)  
Green: 0% (0/21)  
Yellow: 0% (0/21)  
Red: 0% (0/21)

D14|N14A (D14 Nominal Runway )



Hatch, NM (JORN)



source: wunderground.com

**Flight Collection Plan for 2 September 2022**

**Flyority 1**

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

Flight Plan Name: D14\_JORN\_R1\_P1\_v5\_PRM.xml

35° On-station Time: 15:40 UTC / 09:40 MDT / 8:40 MST

**Flyority 2**

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

Flight Plan Name: D14\_SRER\_C1\_P1\_v6\_PRM.xml

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

**Flyority 3**

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

Flight Plan Name: D14\_SRER\_C1\_P1\_v6\_PRM.xml

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

**Flyority 4**

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

Flight Plan Name: D14\_JORN\_R1\_P1\_v5\_PRM.xml

35° On-station Time: 15:40 UTC / 09:40 MDT / 8:40 MST

**Flyority 5**

Collection Area: Nominal Runway – D14

Flight Plan Name: D14\_N14A\_Nominal\_Runway\_Test\_v1\_PRM

On-station Time: N/A

**Crew:** Elissa, Abe