



## Payload 3 Daily Flight Report



**Date:** 2024-08-28

**Flight Campaign ID:** P3C1

**Airport, FBO ID, City:** Boulder Municipal Airport (KBDU) - Boulder, CO; Santa Fe Regional Airport (KSAF) - Santa Fe, NM; Tucson International Airport (KTUS) – Tucson, AZ

**Aircraft:** N821AR

**Domain:** 14 (Desert Southwest)

**Sites Flown:** Transit (KBDU-KSAF-KTUS)

**Days left in Domain:** 9

**Report Author:** Mitch

**Lidar Operators:** Mitch

**Spectrometer Operators:**

**Pilots:** Vince, Manning

**Ground Crew:** Matt, Cameron

**Flight Hours:** 01:51, 03:03

**Hours until maintenance:** 73.60

### **Summary**

Crew successfully relocated the Twin Otter from Boulder to Tucson in order to begin collects over SRER tomorrow. Pilots did a good job avoiding a potential delay, taking a circuitous route around thunderstorms in the Albuquerque area en route to Tucson.

### **Concerns**

None

### **Comments**

Extraction of yesterday's flight (2024082714) over ARIK failed overnight. The hotel kit and disk set were packed up this morning and transported to Tucson with the Twin Otter. Extraction attempts should continue this evening.

**Pictures:** Manning tried to challenge this Albatros to a race during our fuel stop in Santa Fe, but they declined.



## Cumulative Domain Coverage

### D14|SRER\_P1 (Santa Rita Experimental Range Priority 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% (0/39)

Green: 0% (0/39)

Yellow: 0% (0/39)

Red: 0% (0/39)

### 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)

### 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: 0% (0/25)

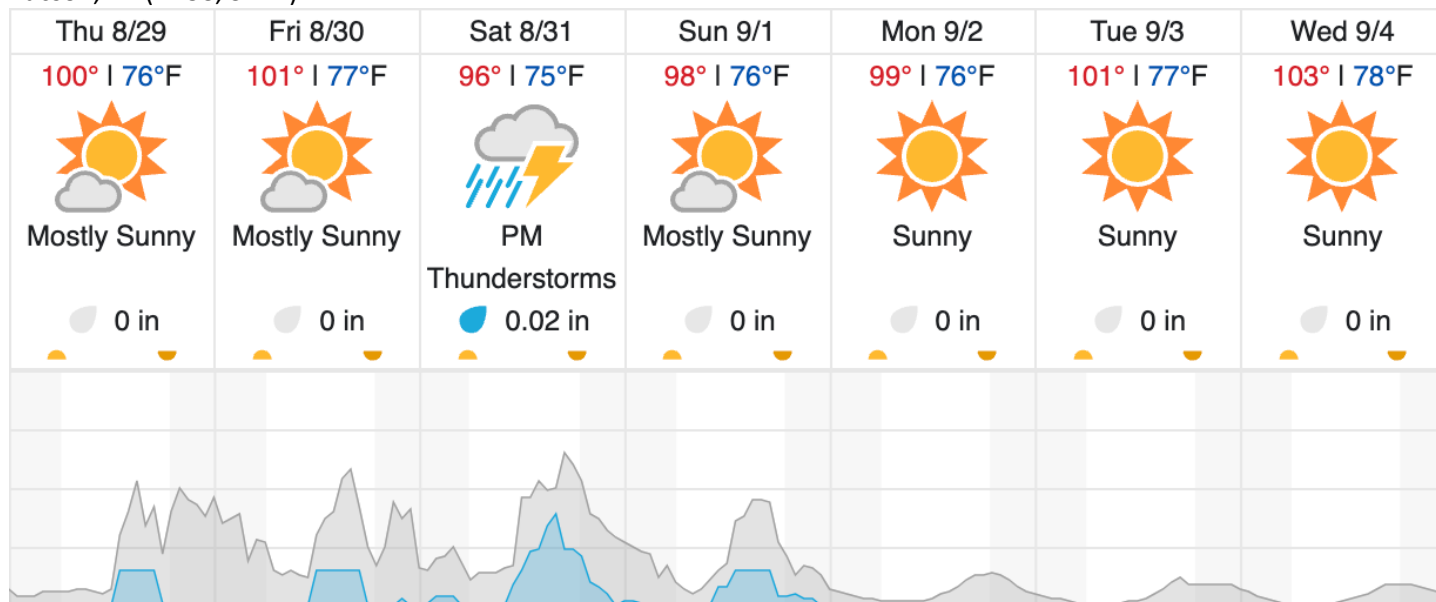
Green: 0% (0/25)

Yellow: 0% (0/25)

Red: 0% (0/25)

## Weather Forecast

Tucson, AZ (KTUS, SRER)



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

## Flight Collection Plan for 29 August 2022

Flyority 1

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

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

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

### Flyority 3

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

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

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

### Flyority 4

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

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

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

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