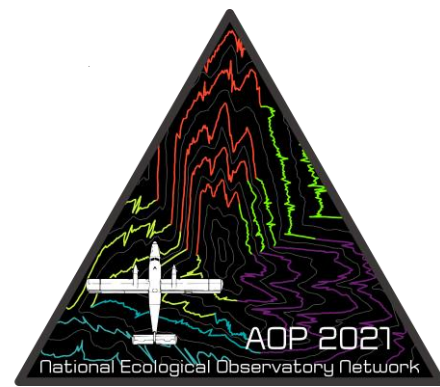




Payload 3 Daily Flight Report



Date: 2021-08-31

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: 8

Report Author: Elissa Barris

Lidar Operators: Elissa Barris

Flight Hours: 00:00

Spectrometer Operators: Abe Morrison

Hours until maintenance: 40.83

Pilots: Stephen Brawders, Will Mathews

Summary

Once again, low cumulus prevented flights this morning, and quickly built into midday and afternoon rainstorms. No flights were conducted.

Concerns

None.

Comments

- We visited the plane to check on the air conditioner reservoir and new cooling configuration; all appears well.
- RAID 13 QA activities were wrapped up and the RAID was shipped.
- Flight 2021082515_P3C1 was extracted onto RAID 14 without its POS data.

Cumulative Domain Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

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: 79% (19/24)
Green: 79% (19/24)
Yellow: 0% (0/24)
Red: 0% (0/24)

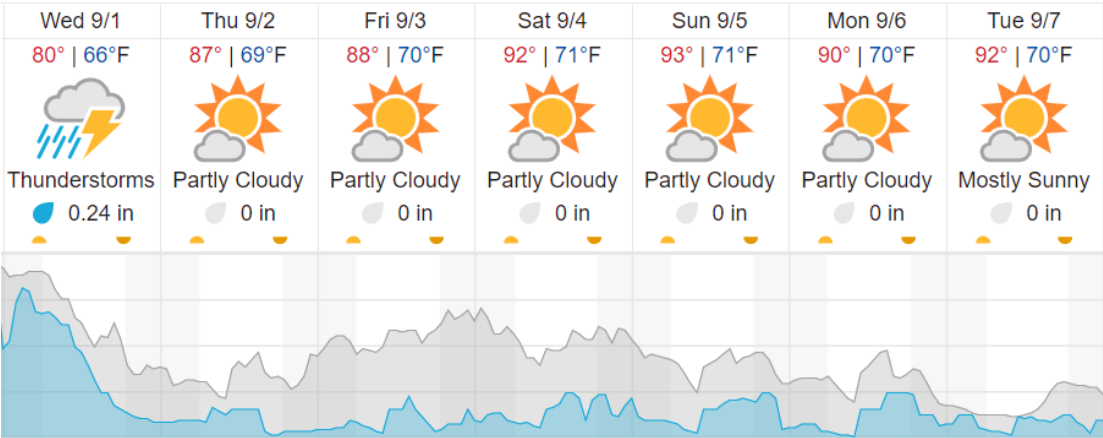
D14|SRER_P3 (Santa Rita Experimental Range Priority 3)

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														

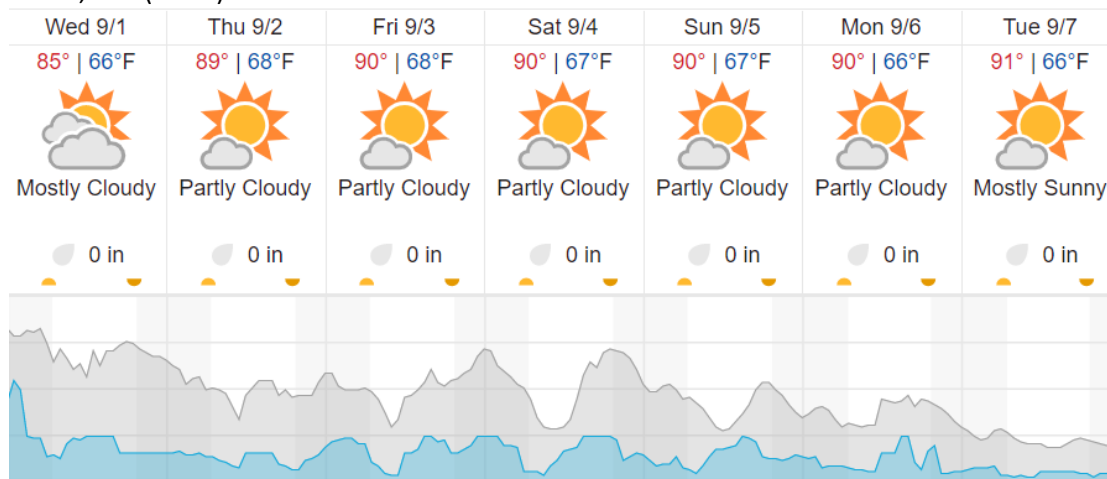
Flown: 0% (0/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

Weather Forecast

Vail, AZ (SRER)



Hatch, NM (JORN)



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

Flight Collection Plan for 1 September 2021

Flyority 1

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

Lines 42-46

Flight Plan Name: D14_SRER_C1_P2_v5_Q780

On-station Time: 16:10 UTC / 09:10 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: 16:10 UTC / 09:10 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: 16:00 UTC / 09:00 L

Crew: Abe and Elissa