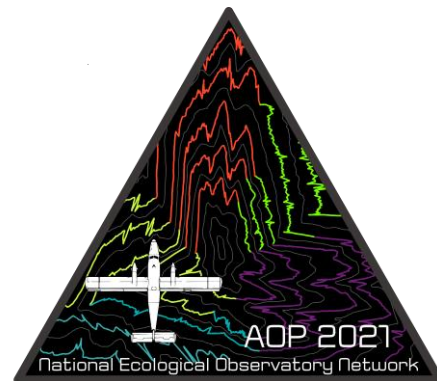




Payload 3 Daily Flight Report



Date: 2021-09-02

Flight Campaign ID: P3C1

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

Aircraft: N615AR

Domain: 14 (Desert Southwest)

Sites Flown: SRER_P2 (Santa Rita Experimental Range Priority 2), SRER_P3 (Santa Rita Experimental Range Priority 3)

Days left in Domain: 6

Report Author: Elissa Barris

Lidar Operators: Elissa Barris

Flight Hours: 00:21

Spectrometer Operators: Abe Morrison

Hours until maintenance: 40.48

Pilots: Stephen Brawders, Will Mathews

GPS Instruments: 06 - KTUS, AOP_SRER

Summary

We thought we had a brief collectable window this morning to make up some of the SRER Priority 2 and 3 boxes, but were clouded out by low cumulus immediately upon reaching the site. Conditions did not improve throughout the day.

Concerns

None.

Comments

Elissa Barris leaves the domain tomorrow morning, and will be replaced by Matt DeVoe. Stephen Brawders also rotates out tomorrow - Thanks for all the great flying Stephen!

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)

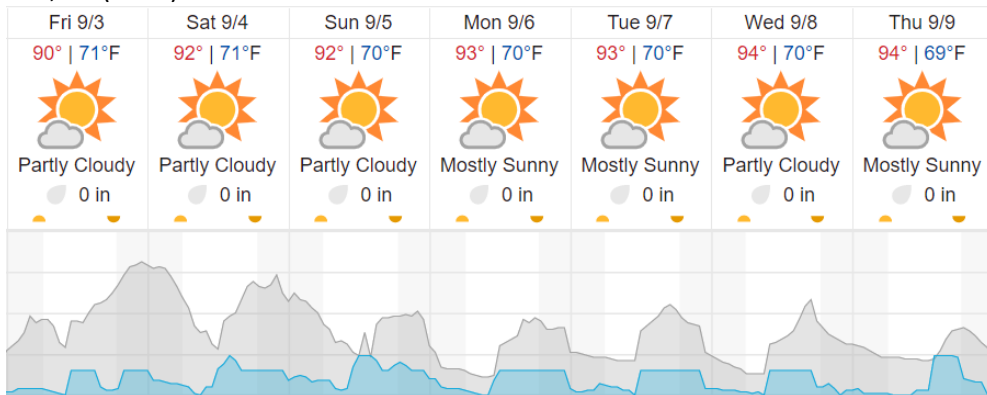
Photos



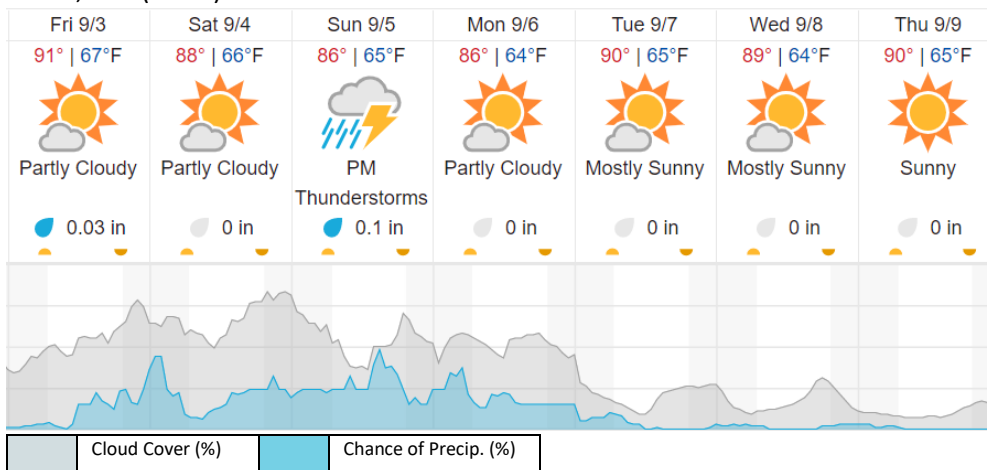
Scenic but inhibiting clouds over SRER.

Weather Forecast

Vail, AZ (SRER)



Hatch, NM (JORN)



source: wunderground.com

Flight Collection Plan for 3 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