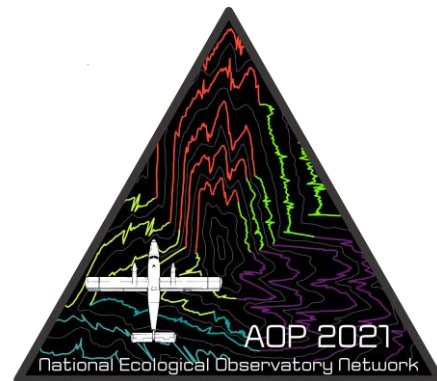




Payload 3 Daily Flight Report



Date: 2021-09-01

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: 7

Report Author: Abe Morrison

Lidar Operators: Abe Morrison

Flight Hours: 00:00

Spectrometer Operators: Elissa Barris

Hours until maintenance: 40.83

Pilots: Stephen Brawders, Will Mathews

Summary

Thunderstorms and low clouds again kept the crew on the ground today. No collections were made.

Concerns

None

Comments

-The mercury lamp test was conducted today.

-The failed Midas 1 disc in disc set 1 was replaced today. Disc set 1 has been put back into the flight rotation. The failed disc will be shipped back to HQ and sent on to a data recovery service to see if it can be magicalized back to life and any data recovered.

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	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)

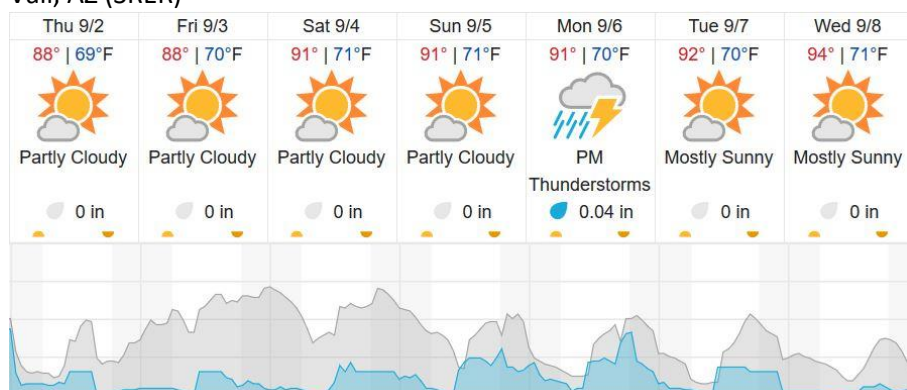
Green: 0% (0/26)

Yellow: 0% (0/26)

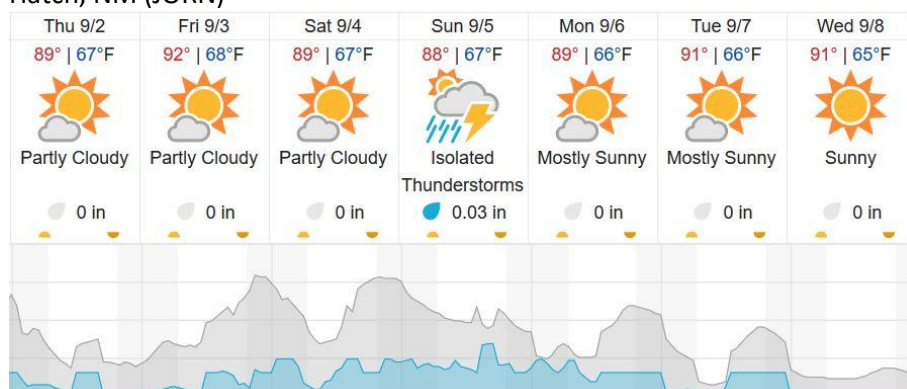
Red: 0% (0/26)

Weather Forecast

Vail, AZ (SRER)



Hatch, NM (JORN)



Cloud Cover (%)	Chance of Precip. (%)
-----------------	-----------------------

source: wunderground.com

Flight Collection Plan for 2 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