



August 29, 2019 Payload 2 Daily Flight Report



Date: 2019-08-29

Flight Campaign ID: 2019_P2C1

Airport, FBO ID, City: Scottsdale Airport (KSDL) - Scottsdale, AZ

Domain: 00, 14

Sites Flown: Transit (KELP – KSDL)

Days left in Domain: 14

Report Author: Ivana Vu

Flight Crew: Ivana Vu

Ground/GPS: Mitch Haynes

Pilots: Micah Hoogeveen, Paul Muth

Additional Personnel: None

GPS Instruments: None

Flight Hours: 02:11

Hours until maintenance: 109.03

Summary

The aircraft arrived in Scottsdale today to resume D14 data collection. However, the permanent GPS station at SRER went offline again so crew will work on resolving this issue tomorrow.

Concerns

GPS AOP_SRER likely has a faulty receiver that will need to be replaced – SRER and SYCA will not be flown until GPS base stations can be set up at the sites

Comments

- RAID 2019_P2C1_20 has been shipped to the Denver data center
- Hubbell plug on GPU was changed out to fit current hangar receptacle and will be switched back before returning to Boulder

Pictures

Florida Mountains Wilderness Study Area, NM



Galiuro Mountains, AZ



Cumulative Domain Coverage

JORN_P1

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: 91% (31/34)

Yellow: 9% (3/34)

Red: 0% (0/34)

JORN_P2

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

Flown: 100% (21/21)

Green: 5% (1/21)

Yellow: 100% (21/21)

Red: 0% (0/21)

N14A

1

Flown: 100% (1/1)

Green: 100% (1/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

SRER_P1

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% (0/40)

Green: 0% (0/40)

Yellow: 0% (0/40)

Red: 0% (0/40)

SRER_P2

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: 0% (0/24)

Green: 0% (0/24)

Yellow: 0% (0/24)

Red: 0% (0/24)

SRER_P3

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)

SYCA

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
41	42	43	44	45	46	47	48	49	50	51	52								

Flown: 0% (0/52)

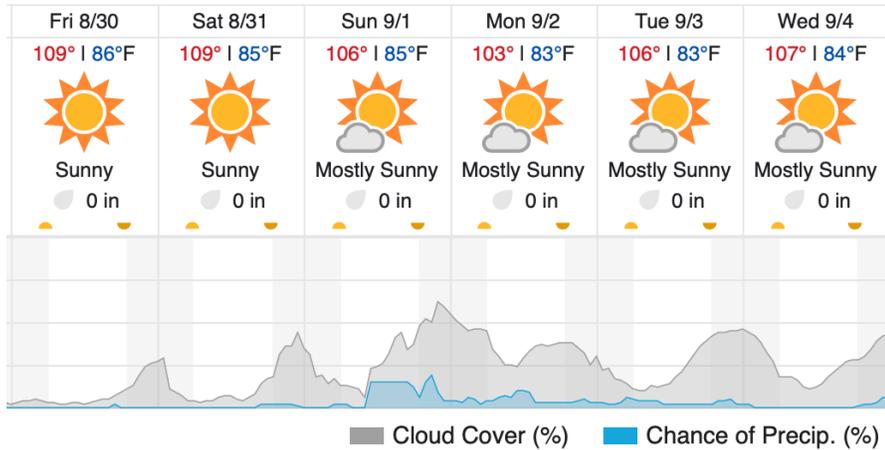
Green: 0% (0/52)

Yellow: 0% (0/52)

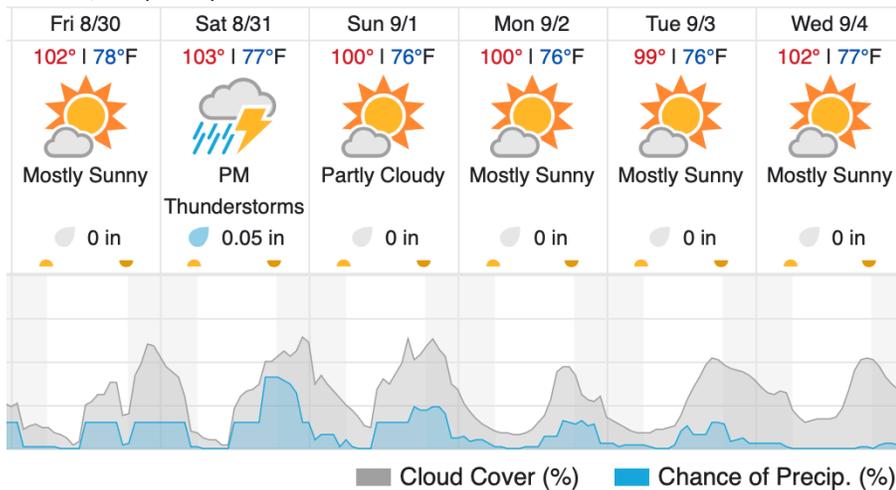
Red: 0% (0/52)

Weather Forecast

Scottsdale, AZ (FBO, SYCA)



Tucson, AZ (SRER)



Flight Collection Plan for 30 August 2019

No flights scheduled due to GPS

Flight Collection Plan for 31 August 2019

Flyority 1:

Collection Area: Santa Rita Experimental Range – Priority 1 Flight Box (SRER_P1)

Flight Plan Name: D14_SRER_C1_P1_P2_P3_v5.pln

On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST

Flyority 2:

Collection Area: Santa Rita Experimental Range – Priority 2 Flight Box (SRER_P2)

Flight Plan Name: D14_SRER_C1_P1_P2_P3_v5.pln

On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST

Flyority 3:

Collection Area: Santa Rita Experimental Range – Priority 3 Flight Box (SRER_P3)

Flight Plan Name: D14_SRER_C1_P1_P2_P3_v5.pln

On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST

Flyority 4:

Collection Area: Sycamore Creek – Priority 1 Flight Box (SYCA)

Flight Plan Name: D14_SYCA_A1_P1_v5_750_max.pln

On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST

Crew: Mitch Haynes (Lidar), Ivana Vu (NIS/GPS)