



August 31, 2019 Payload 2 Daily Flight Report



Date: 2019-08-31
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Scottsdale Airport (KSDL) - Scottsdale, AZ

Domain: 14
Sites Flown: NONE
Days left in Domain: 12

Report Author: Mitch Haynes
Flight Crew: Mitch Haynes, Ivana Vu
Ground/GPS:
Pilots: Micah Hoogeveen, Paul Muth
Additional Personnel:
GPS Instruments:

Flight Hours: 00:00
Hours until maintenance: 109.03

Summary

Clouds over Santa Rita prevented a flight from being attempted today.

Concerns

Heat continues to be a concern, as afternoon cabin temperatures are HOT. An insulated panel was added to separate the cabin from the cockpit, and a fan to better circulate air forward from the cockpit. Additional window covers and a 2nd AC Cart will be shipped from Boulder following the holiday weekend.

Comments

GPS 02 was set up at KSDL.
GPS 07 is once again operational after troubleshooting this morning. This unit will be deployed to SYCA as soon as a suitable location is identified.

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)

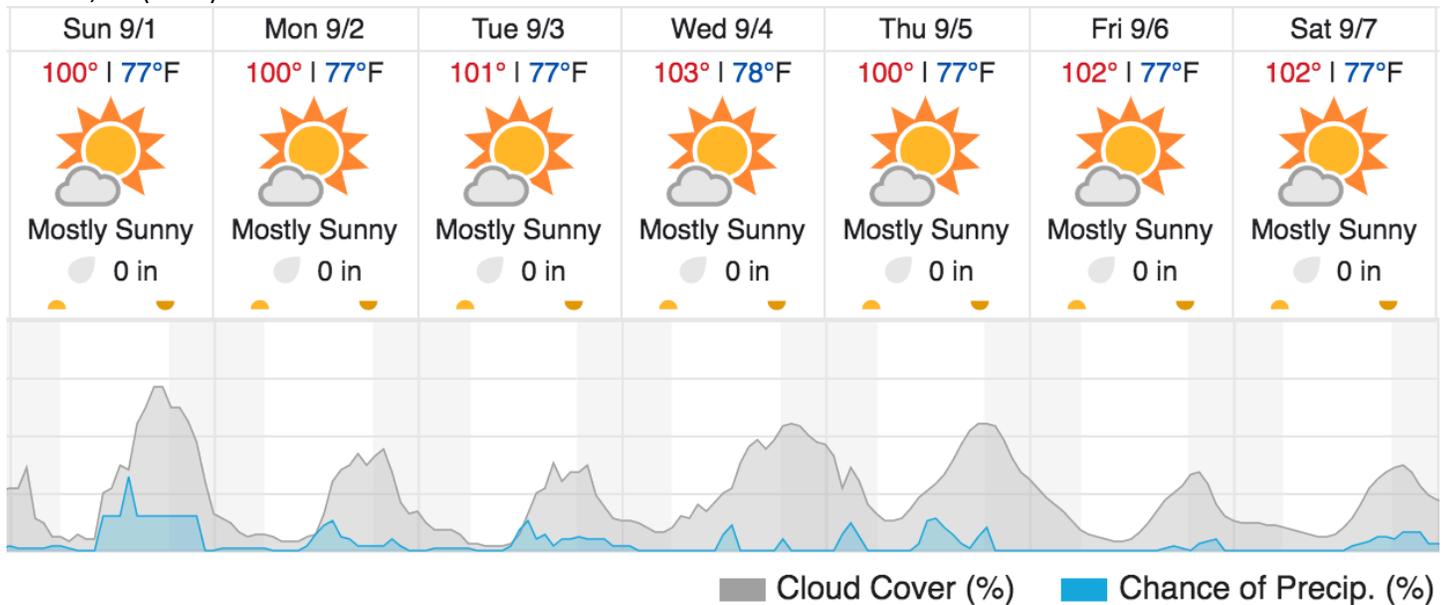
Green: 0% (0/52)

Yellow: 0% (0/52)

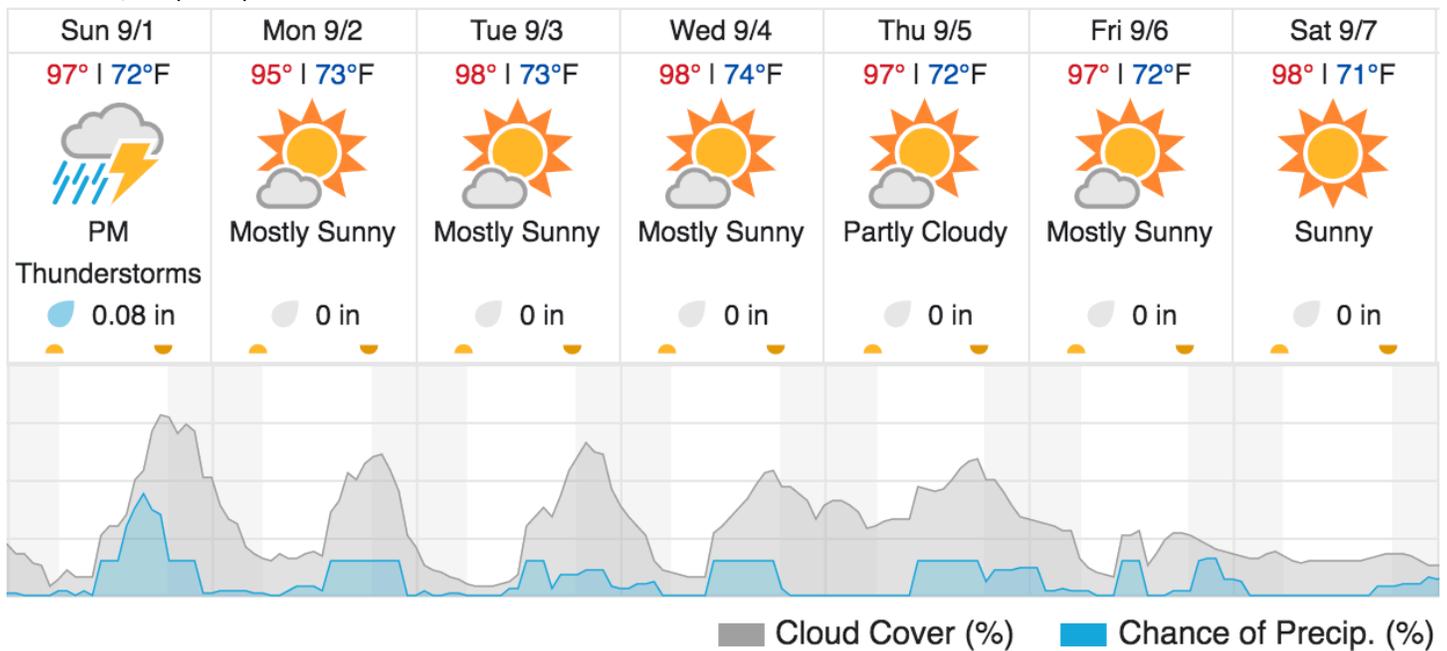
Red: 0% (0/52)

Weather Forecast

Tucson, AZ (SRER)



Rio Verde, AZ (SYCA)



Flight Collection Plan for 1 September 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)

Will not be attempted till sufficient GPS Coverage is available

Flight Plan Name: D14_SYCA_A1_P1_v5_750_max.pln

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

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