



September 7, 2019 Payload 2 Daily Flight Report



Date: 2019-09-07
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Scottsdale Airport (KSDL) - Scottsdale, AZ

Domain: 14
Sites Flown: None
Days left in Domain: 7

Report Author: Ivana Vu
Flight Crew: Mitch Haynes, Ivana Vu
Ground/GPS: Cameron Chapman
Pilots: Micah Hoogeveen, Paul Muth
Additional Personnel: None
GPS Instruments: None

Flight Hours: 00:00
Hours until maintenance: 93.03

Summary
 Cloud cover at both sites prevented flights today.

Concerns
 None

Comments
 Current forecasts indicate that weather will clear up near the end of next week so we will likely extend our stay in D14 for 2 days in order to complete coverage at SRER and SYCA – this would push the transit from September 13 to the 15th.

Estimated Cloud Cover Key

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

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: 100% (40/40)
Green: 88% (35/40)
Yellow: 28% (11/40)
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: 58% (14/24)
Green: 0% (0/24)
Yellow: 58% (14/24)
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: 38% (10/26)
Green: 38% (10/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

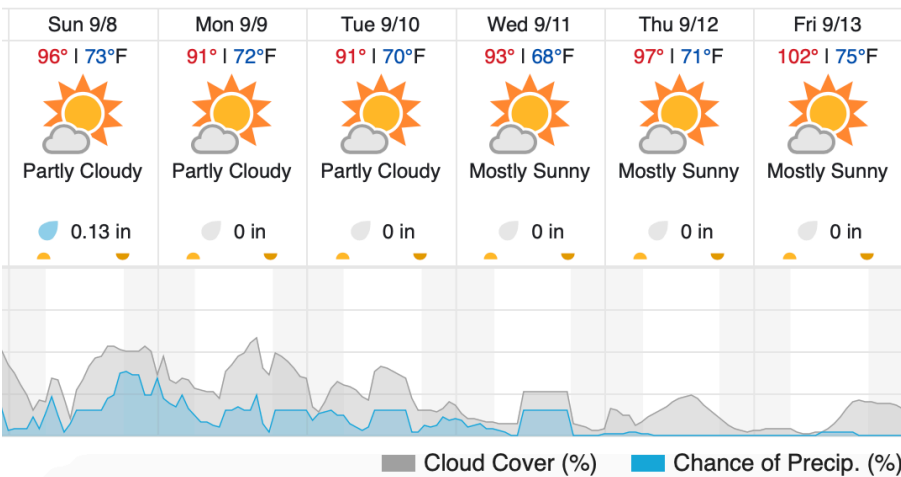
SYCA

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								

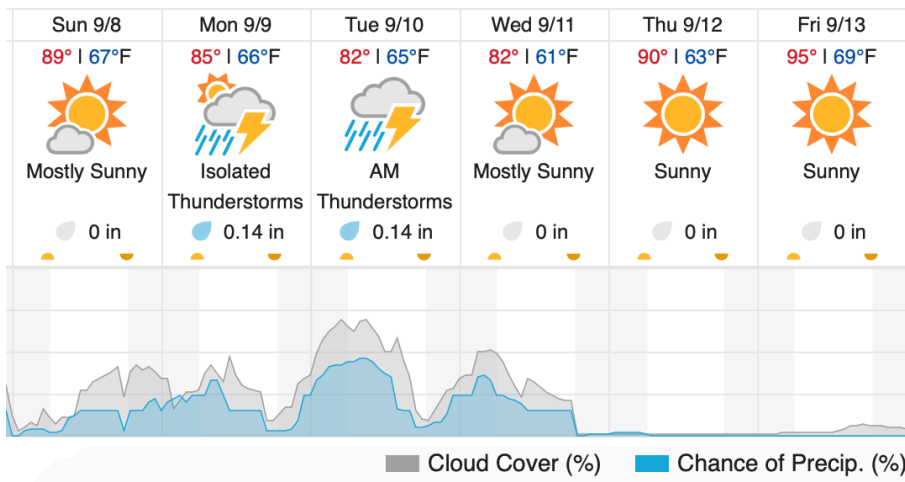
Flown: 0% (0/52)
Green: 0% (0/52)
Yellow: 0% (0/52)
Red: 0% (0/52)

Weather Forecast

Tucson, AZ (SRER)



Rio Verde, AZ (SYCA)



Flight Collection Plan for 8 September 2019

Flyority 1:

Collection Area: Santa Rita Experimental Range – Priority 1 Flight Box (SRER_P1), Re-fly lines 30-35 if Green

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), Cameron Chapman (NIS), Ivana Vu (Ground/GPS)

Flight Collection Plan for 9 September 2019

Crew: Cameron Chapman (Lidar), Ivana Vu (NIS), Mitch Hayne (Ground/GPS)