



September 10, 2019 Payload 2 Daily Flight Report



**Date:** 2019-09-10  
**Flight Campaign ID:** 2019\_P2C1  
**Airport, FBO ID, City:** Scottsdale Airport (KSDL) - Scottsdale, AZ

**Domain:** 14  
**Sites Flown:** None  
**Days left in Domain:** 4

**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**  
 As forecasted, moisture and low cumulus clouds prevented flights today.

**Concerns**  
 None

**Comments**  
 None

**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								

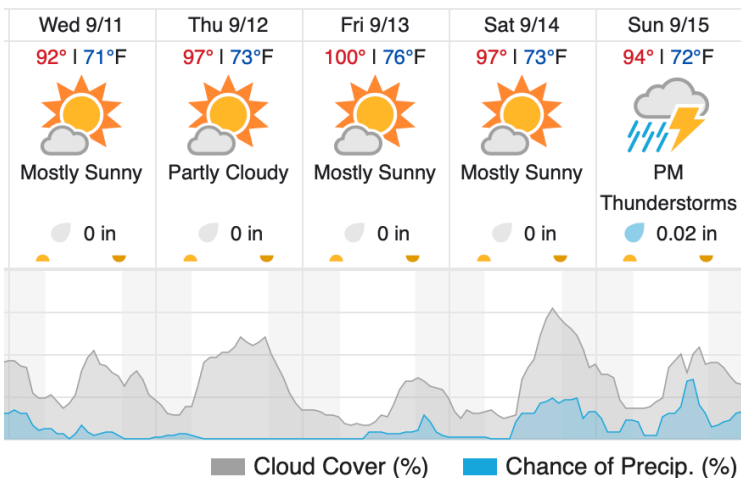
Flown: 0% (0/52)  
 Green: 0% (0/52)  
 Yellow: 0% (0/52)  
 Red: 0% (0/52)

### Estimated Cloud Cover Key

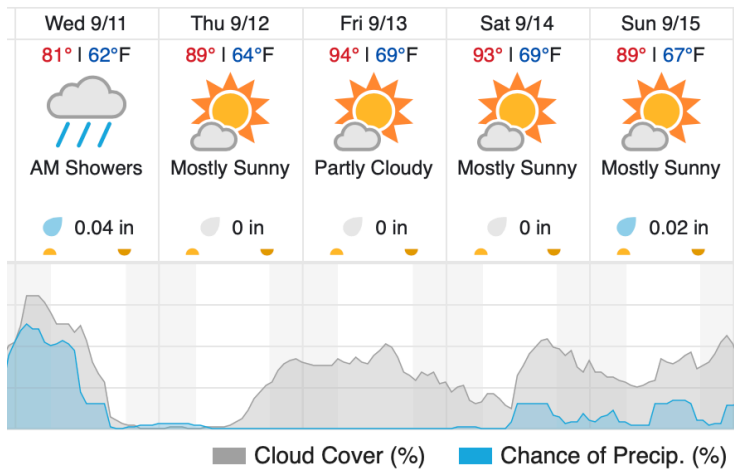
Green:	Yellow:	Red:
0-10%	10-50%	>50%

### Weather Forecast

Tucson, AZ (SRER)



## Rio Verde (SYCA)



### Flight Collection Plan for 11 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 12 September 2019

Flyority 1-4: Same as previous day

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