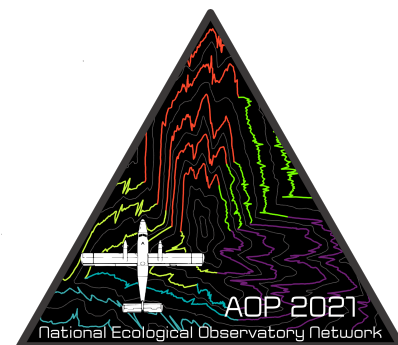




## Payload 1 Daily Flight Report



**Date:** 2021-07-07

**Flight Campaign ID:** P1C2

**Airport, FBO ID, City:** Fresno Yosemite International Airport (KFAT) - Fresno, CA

**Aircraft:** N331AR

**Domain:** 17 (Pacific Southwest)

**Sites Flown:** None

**Days left in Domain:** 10

**Report Author:** Mitch Haynes

**Lidar Operators:** Mitch Haynes

**Spectrometer Operators:** Cameron Chapman

**Pilots:** Justin Eddington, Nick Koukoutsakis

**Flight Hours:** 00:00

**Hours until maintenance:** 119.62

**GPS Instruments:** N/A

### Summary

Crew mobilized to the airport this morning in anticipation of collecting green coverage; however high bands of cirrus clouds moved in from the coast over our flight boxes preventing any attempt at a clear sky collect. The crew opted to hold off on flights knowing that if the forecast holds true, we have many more days of clear skies ahead of us.

### Concerns

None

### Comments

Tomorrow is a scheduled no fly day due to administrative purposes.

### Cumulative Domain Coverage

D17|N17A (D17 Nominal Runway )

1

Flown: 0% (0/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

D17|SOAP\_P1 (Soaproot Saddle 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
41	42	43	44	45	46	47													

Flown: 0% (0/47)

Green: 0% (0/47)

Yellow: 0% (0/47)

Red: 0% (0/47)

D17|TEAK\_P1 (Teakettle 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: 0% (0/40)

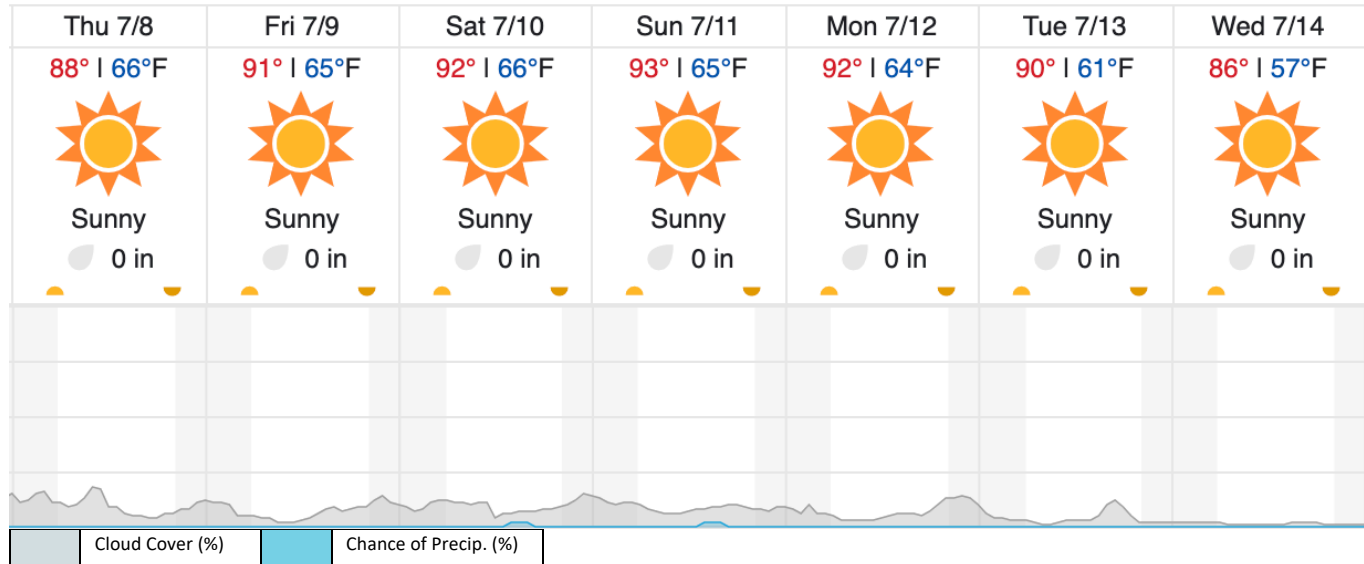
Green: 0% (0/40)

Yellow: 0% (0/40)

Red: 0% (0/40)

## Weather Forecast

Shaver Lake, CA



source: wunderground.com

## Flight Collection Plan for July 08 2021

### Flyority 1

Collection Area: Soaproot Saddle (SOAP) – Variable Altitude Plan

Flight Plan Name: D17\_SOAP\_R1\_P1\_P2\_P3\_v7\_PRM\_Var\_Alt.xml

On-Station Time: 1620 – 2340 UTC / 0920 – 1640 L

### Flyority 2

Collection Teakettle (TEAK) – Priority 1 Flight Box – Variable Altitude Plan

Flight Plan Name: D17\_TEAK\_R2\_P1\_P2\_P3\_v6\_PRM\_Var\_Alt.xml

On-Station Time: 1620 – 2340 UTC / 0920 – 1640 L

### Flyority 3

Collection Area: To test LiDAR range accuracies and noise levels at 400 kHz PRF.

Flight Plan Name: D17\_N17A\_Nominal\_Runway\_Test\_v2\_PRM.xml

On-Station Time: N/A

Crew: Cam, Mitch