



## Payload 1 Daily Flight Report



**Date:** 2023-04-04

**Flight Campaign ID:** P1C1

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

**Aircraft:** N331AR

**Domain:** 17 (Pacific Southwest)

**Sites Flown:** SJER (San Joaquin Ecological Range)

**Days left in Domain:** 0

**Report Author:** Abe

**Lidar Operators:** Abe

**Flight Hours:** 00:59

**Spectrometer Operators:** Mitch

**Hours until maintenance:** 105.17

**Pilots:** Justin, Will

**GPS Instruments:** 06 - FBO\_KFAT, U-P725

### Summary

A very clear morning over SJER allowed the crew to recollect lines 2 through 7 in “green” sky conditions. This completes the entire flight box in “green” conditions. The crew then began packing the plane and making plans for the transit back to Boulder tomorrow.

### Concerns

-The Camera VNC crashed once this morning just after takeoff and did not happen again.

-The D: drive on the hotel kit disappeared briefly but came back after a reboot as the F: drive. Lab personnel fixed the issue and are investigating the cause.

### Comments

-Shipped Raid 1 back to the Denver data center today.

### Daily Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

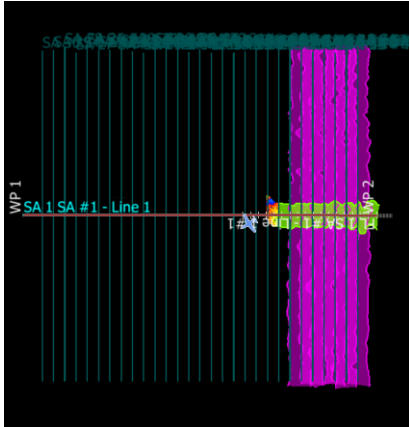
D17|SJER

Line #	2	3	4	5	6	7
Lidar	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓
Cloud Cover						

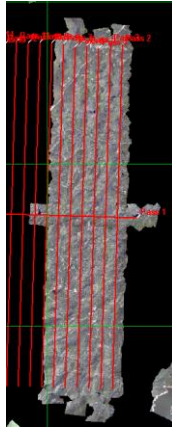
Total number of lines flown: 6

## Flight Screenshots

Lidar



NIS



## Cumulative Domain Coverage

D17 | SJER (San Joaquin Ecological Range)

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										

Flown: 100% (30/30)

Green: 100% (30/30)

Yellow: 0% (0/30)

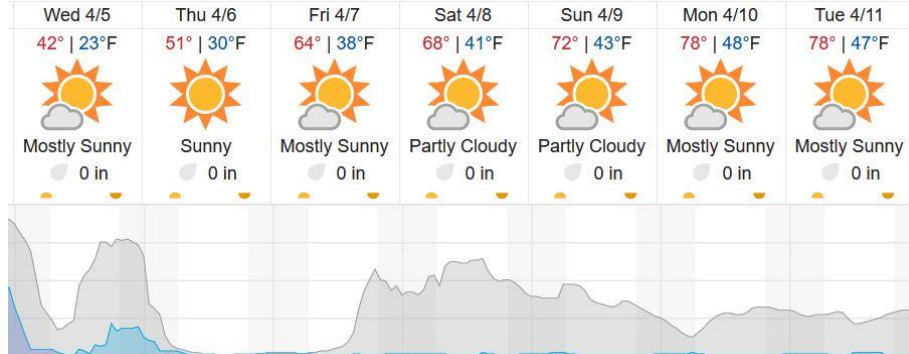
Red: 0% (0/30)

## Weather Forecast

Fresno, CA



Boulder, CO



Cloud Cover (%)	Chance of Precip. (%)
-----------------	-----------------------

source: wunderground.com

## Flight Collection Plan for 5 April 2023

Transit to Boulder, CO

Crew: Abe