



## Payload 3 Daily Flight Report

**Date:** 2024-04-01

**Flight Campaign ID:** P3C1

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

**Aircraft:** N821AR

**Domain:** 17 (Pacific Southwest)

**Sites Flown:** None

**Days left in Domain:** 3

**Report Author:** Mitch

**Lidar Operators:** Mitch

**Spectrometer Operators:** Elissa

**Pilots:** Justin, Will

**Flight Hours:** 00:00

**Hours until maintenance:** 113.32

**GPS Instruments:** 02 - KFAT, U-P725

### Summary

The crew mobilized to the airport this morning in hopes of taking advantage of clear morning skies over the Central Valley. However after towing out and conducting instrument start, cumulus clouds began forming over the foothills. By the time solar angle rolled around, clouds dominated the skyline, thwarting any potential collect from occurring.

### Concerns

During system startups, the MarsRover software wasn't displaying a waterfall. The issue was resolved in the same fashion as last week: power cycling the FPIE Camera controller card box.

### Comments

None

### Cumulative Domain Coverage

D17 | SJER (San Joaquin Ecological Range)

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: 0% (0/29)

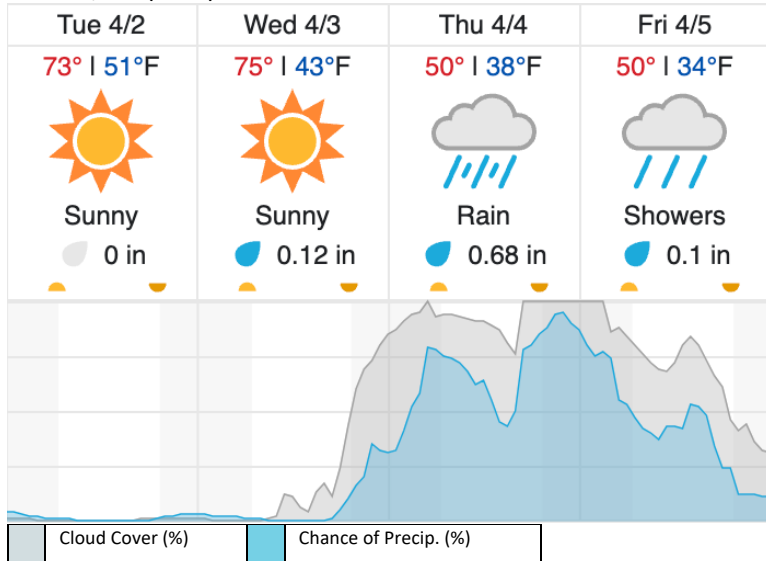
Green: 0% (0/29)

Yellow: 0% (0/29)

Red: 0% (0/29)

## Weather Forecast

O'Neils, CA (SJER)



source: wunderground.com

## Flight Collection Plan for 2 April 2024

### Flyority 1

Collection Area: San Joaquine Experimental Range (SJER)

Flight Plan Name: D17\_SJER\_C1\_P1\_v3\_Q780

40° On-station Time: 1720 UTC / 1020 L

### Flight Crew

Elissa (Lidar), Mitch (NIS)