



Payload 2 Daily Flight Report

Date: 2026-04-05
Flight Campaign ID: P2C1
Airport, FBO ID, City: Madera Municipal Airport (KMAE) - Madera, California
Aircraft: N821AR

Domain: 17 (Pacific Southwest)
Sites Flown: None
Days left in Domain: 3

Report Author: Mitch
Lidar Operators: Mitch **Flight Hours:** 00:00
Spectrometer Operators: Elissa **Hours until maintenance:** 103.80
Pilots: Justin, Vince

Summary

Initially clear skies present this morning over the Central Valley, however a high stratus layer was observed moving inland from the coast in satellite imagery. By the time the 40° solar angle rolled around, the cloud layer was present over the valley, shrouding a possible clear sky, green collect. No flights occurred.

Concerns

None

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)
 * Flown within 35deg solar angle

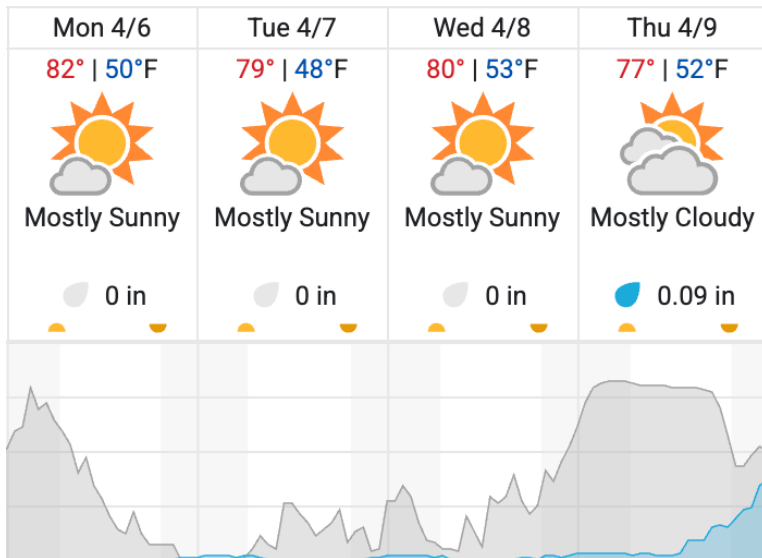
D17|SOAP_P1 (Soaproot Saddle Priority 1)

24	25	26	27	28	29	30	31	32
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Flown: 0% (0/9)
 Green: 0% (0/9)
 Yellow: 0% (0/9)
 Red: 0% (0/9)
 * Flown within 35deg solar angle

Weather Forecast

O'Neals, CA (SJER)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for 6 April 2026

Flyority 1

Collection Area: San Joaquin Experimental Range (SJER)

Flight Plan Name: D17_SJER_C1_P1_v5_VQ780

On-station Time: 1710 UTC / 1010 L

Flyority 2

Collection Area: Soaproot Saddle (SOAP) lines 24-32 (*Only if green*)

Flight Plan Name: D17_SOAP_R1_P1_P2_P3_v10_VQ780_var_alt

On-station Time: 1710 UTC / 1010 L

Crew: Elissa (Lidar), Mitch (NIS)