



Payload 3 Daily Flight Report



Date: 2023-06-09

Flight Campaign ID: P3C1

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

Aircraft: N934MU

Domain: 17 (Pacific Southwest)

Sites Flown: None

Days left in Domain: 2

Report Author: John

Lidar Operators: John

Spectrometer Operators: Mike

Pilots: Paul, Jeff

Flight Hours: 00:44

Hours until maintenance: 42.4

GPS Instruments: None

Summary

The SOAP mission area, while cloudy, appeared to be have a cloud deck that would support data collection under Red conditions. However, once we arrived near the mission station, all clouds were actually just below our mission altitude, keeping us from gathering any type of data. Additionally, the inversion layer kept the entire area very obscured. Conditions worsened as the day progressed.

Concerns

None.

Comments

None.

Pictures



Clouds just below our flight altitude + inversion.

Cumulative Domain Coverage

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: 36% (17/47)

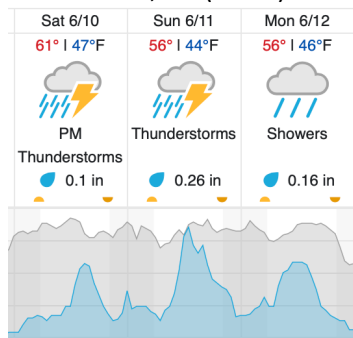
Green: 0% (0/47)

Yellow: 0% (0/47)

Red: 36% (17/47)

Weather Forecast

Shaver Lake, CA (SOAP)



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

Flight Collection Plan for June 10 2023

Flyority 1

Collection Area: Soaproot Saddle – Var Alt

Flight Plan Name: D17_SOAP_R1_P1_P2_P3_v7_Q780_Var_Alt

On-Station Time: 16:20 UTC/ 09:20 L

Crew: Mike (lidar), John (NIS)