



Payload 1 Daily Flight Report

Date: 2026-07-05

Flight Campaign ID: P1C1

Airport, FBO ID, City: Provo Airport (KPVU) - Provo, UT; Tonopah Airport (KTPH) - Tonopah, NV;
Fresno Yosemite International Airport (KFAT) - Fresno, CA

Aircraft: N537AR

Domain: 17 (Pacific Southwest)

Sites Flown: Transit ()

Days left in Domain: 10

Report Author: Cameron

Lidar Operators: Cameron

Flight Hours: 02:02:00, 01:11:00

Spectrometer Operators: Mitch

Hours until maintenance: 66.20

Pilots: Troy, Jeff

Summary

- The crew completed the transit from Domain 15 to Domain 17 today, making a fuel stop in Tonopah, NV.

Concerns

- None

Comments

- None

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

Pictures: Leaving Tonopah NV approaching California.



Cumulative Domain Coverage

D17|SOAP (Soaproot Saddle)

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)
* Flown within 35deg solar angle

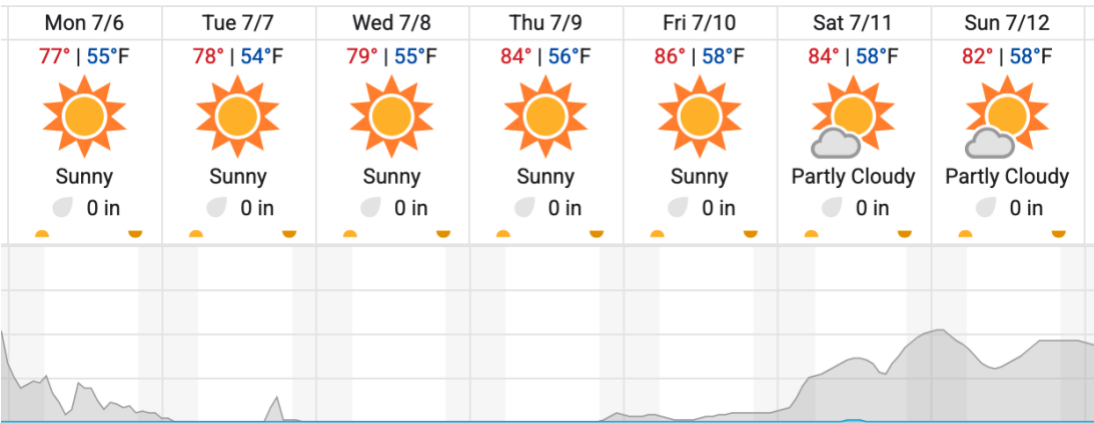
D17|TEAK (Teakettle)

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

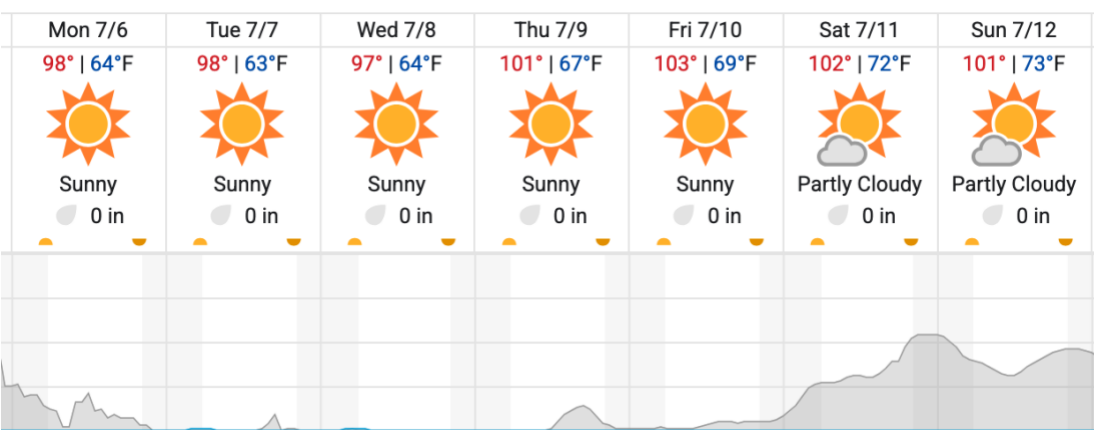
Flown: 0% (0/40)
Green: 0% (0/40)
Yellow: 0% (0/40)
Red: 0% (0/40)
* Flown within 35deg solar angle

Weather Forecast

Shaver Lake, CA (SOAP/TEAK)



Fresno, CA (FBO)



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

Flight Collection Plan for July 6, 2026

Flyority 1

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

Flight Plan Name: D17_SOAP_R1_P1_P2_P3_v8_PRM_Var_Alt.xml

On-Station Time: 0920 L / 1620 UTC

Flyority 2

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

Flight Plan Name: D17_TEAK_R2_P1_P2_P3_v7B_PRM_Var_Alt.xml

On-Station Time: 0920 L / 1620 UTC

Flyority 3

Collection Area: Nominal Runway – D17

Flight Plan Name: D17_N17A_Nominal_Runway_Test_v3_PRM.xml

Mitch (Lidar) Cameron (NIS)