



Payload 1 Daily Flight Report



Date: 2026-05-29
Flight Campaign ID: P1C1
Airport, FBO ID, City: Provo Airport (KPVU) - Provo, UT
Aircraft: N537AR

Domain: 13 (Southern Rockies & Colorado Plateau), 15 (Great Basin)
Sites Flown: None
Days left in Domain: 0

Report Author: Elissa
Lidar Operators: Elissa **Flight Hours:** 00:00
Spectrometer Operators: John **Hours until maintenance:** 100.00
Pilots: Troy, Tim

Summary

With all of ONAQ and MOAB save for three lines collected in green conditions, no flights were planned today. Weather permitting, we aim to depart early tomorrow morning for our return to Boulder.

Concerns

Due to weather we will most likely shutdown the system for tomorrow's transit. The getter will be reactivated while pumping once back in Boulder to account for the unplanned overnight power loss at the beginning of this domain.

Comments

- RAID 2026_P1C1_03 formatted.
- Flight 2026052813_P1C1 re-extracted to RAID 03.
- All Smartnet and Unavco GPS data successfully uploaded.
- RAIDs 02 and 03 will be hand-carried to Boulder for ingestion.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

D13 | MOAB (Moab)

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											

Flown: 90% (26/29)

Green: 90% (26/29)

Yellow: 0% (0/29)

Red: 0% (0/29)

* Flown within 35deg solar angle

D15 | ONAQ (Onaqui)

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																		

Flown: 100% (42/42)

Green: 100% (42/42)

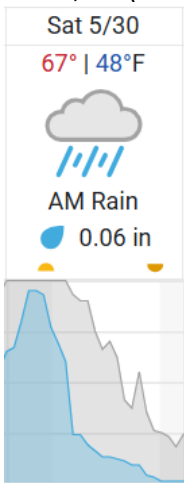
Yellow: 0% (0/42)

Red: 0% (0/42)

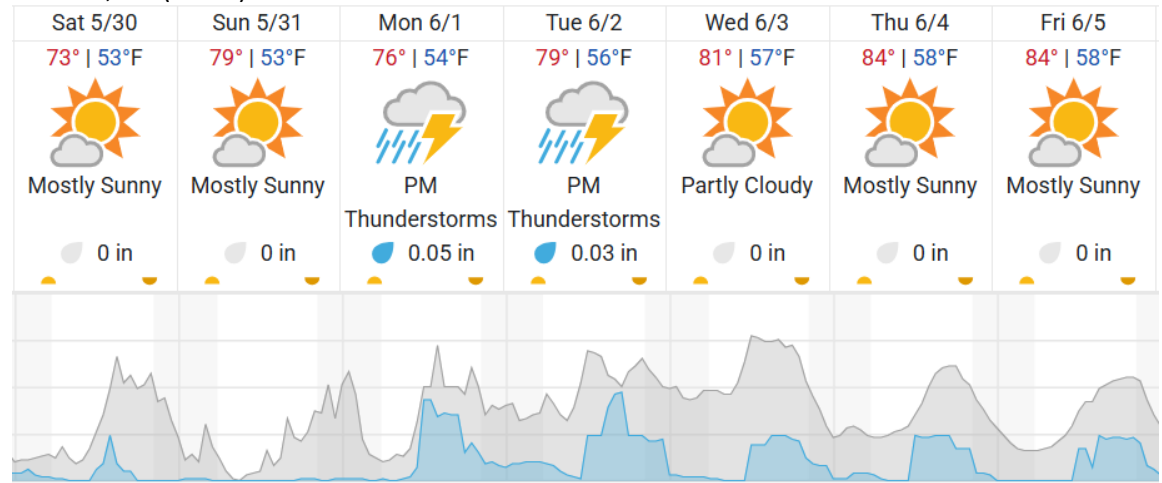
* Flown within 35deg solar angle

Weather Forecast

Provo, UT (KPVVU)



Boulder, CO (KBDU)



source: wunderground.com

Flight Collection Plan for 30 May 2026

Transit to D10/13 – Boulder, CO.

Crew: Elissa (Transit), John/Alyssa (Ground)