



Payload 1 Daily Flight Report



**Date:** 2026-05-16  
**Flight Campaign ID:** P1C1  
**Airport, FBO ID, City:** Provo Airport (KPVU) - Provo, UT  
**Aircraft:** N537AR

**Domain:** 15 (Great Basin)  
**Sites Flown:** None  
**Days left in Domain:** 13

**Report Author:** Alyssa  
**Lidar Operators:** Alyssa      **Flight Hours:** 00:00  
**Spectrometer Operators:** Elissa      **Hours until maintenance:** 108.42  
**Pilots:** Cody, Troy

**Summary**

Overcast skies and occasional precipitation kept crew grounded today. No flights attempted.

**Concerns**

N/A

**Comments**

With MOAB possibly not reaching peak greenness during this deployment, crew is exploring the option of relocating to Scottsdale to try to capture SYCA once ONAQ is completed. Signature Aviation at KSDL can most likely accommodate us and have several outlets that might work with our adapters.

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (\*)

**Cumulative Domain Coverage**

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: 74% (31/42)

Green: 74% (31/42)

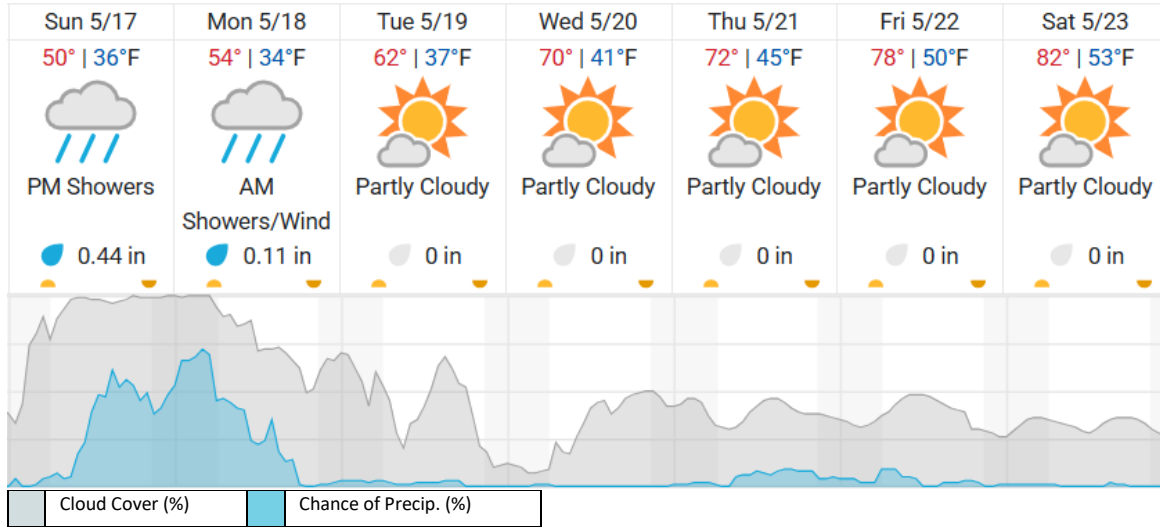
Yellow: 0% (0/42)

Red: 0% (0/42)

\* Flown within 35deg solar angle

## Weather Forecast

Rush Valley, UT (ONAQ)



source: wunderground.com

## Flight Collection Plan for 17 May 2026

### Flyority 1

Site: Onaqui-Ault (ONAQ) – lines 32-40

Flight Plan Name: D15\_ONAQ\_C1\_P1\_v4

Solar Angle Time: 16:00UTC / 10:00L

Crew: Elissa (Lidar), Alyssa (NIS)