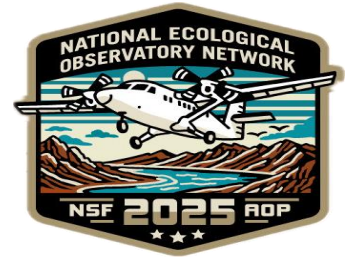




## Payload 2 Daily Flight Report



**Date:** 2025-08-14

**Flight Campaign ID:** P2C1

**Airport, FBO ID, City:** Pellston, MI (KPLN) - Pellston, MI

**Aircraft:** N615AR

**Domain:** 05 (Great Lakes)

**Sites Flown:** None

**Days left in Domain:** 05

**Report Author:** Elissa

**Lidar Operators:** Elissa

**Flight Hours:** 00:00

**Spectrometer Operators:** Cameron **Hours until maintenance:** 36.83

**Pilots:** Justin, Manning

### Summary

Despite a clear start to the day, cumulus clouds formed quickly at solar angle, preventing any opportunity to green up UMBS. Preparations were made for tomorrow's transit to D01.

### Concerns

None.

### Comments

Field staff working at UMBS to study the effects of a historic ice storm that hit the region last spring stopped by for a tour of the payload this morning.

### Cumulative Domain Coverage

#### Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (\*)

#### D05 | UMBS (University of Michigan Biological Station)

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										

Flown: 100% (30/30)

Green: 0% (0/30)

Yellow: 0% (0/30)

Red: 100% (30/30)

\* Flown within 35deg solar angle

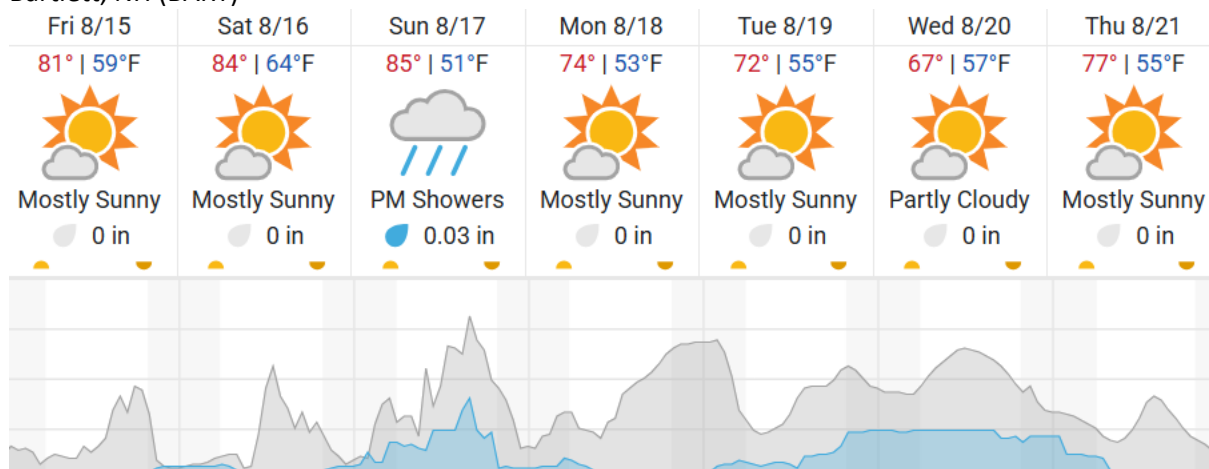
## Pictures



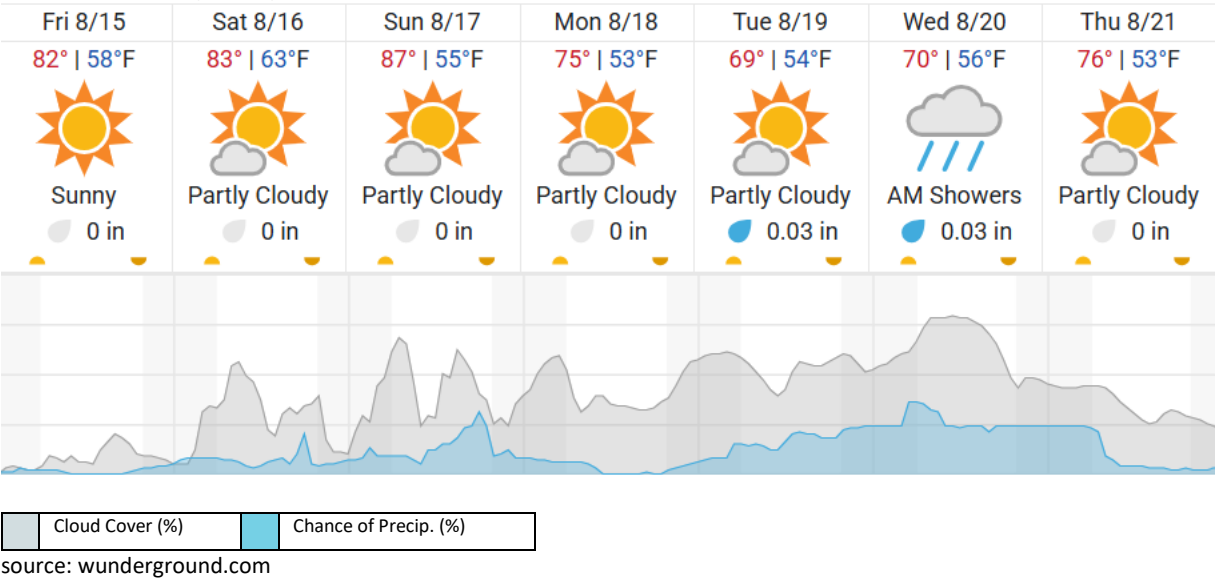
UMBS staff at the payload tour.

## Weather Forecast

Bartlett, NH (BART)



Petersham, MA (HARV)



Flight Collection Plan for 15 August 2025

Transit to D01

Transit Crew: Cameron, Elissa

Flight Collection Plan for 16 August 2025

Flyority 1  
Collection Area: Harvard Forest (HARV) – Priority 1 Flight Box  
Flight Plan Name: D01\_HARV\_C1\_P1\_P2\_v5\_VQ780  
On-Station Time: 1350 UTC / 0950 L

Flyority 2  
Collection Area: Bartlett Experimental Forest (BART)  
Flight Plan Name: D01\_BART\_R1\_P1\_v3\_VQ780  
On-Station Time: 1350 UTC / 0950 L

Flyority 3  
Collection Area: Hop Brook (HOPB)  
Flight Plan Name: D01\_HOPB\_A1\_P1\_v3\_VQ780  
On-Station Time: 1350 UTC / 0950 L

Flyority 4  
Collection Area: Harvard Forest (HARV) – Priority 2 Flight Box  
Flight Plan Name: D01\_HARV\_C1\_P1\_P2\_v5\_VQ780  
On-Station Time: 1350 UTC / 0950 L

Crew: Elissa (Lidar), Cameron (NIS)