



## Payload 2 Daily Flight Report



**Date:** 2026-08-16

**Flight Campaign ID:** P2C1

**Airport, FBO ID, City:** Nashua Airport (KASH) - Nashua, NH

**Aircraft:** N821AR

**Domain:** 01 (Northeast)

**Sites Flown:** None

**Days left in Domain:** 19

**Report Author:** Mike

**Lidar Operators:** Mike

**Flight Hours:** 00:00

**Spectrometer Operators:** Cameron

**Hours until maintenance:** 92.90

**Pilots:** Justin, Landon

### Summary

Continual clouds were streaming across the surveys areas today ahead of the inbound moisture system. No flights were conducted.

### Concerns

None

### Comments

None

### Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (\*)

### Cumulative Domain Coverage

D01 | BART (Bartlett Experimental Forest)

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| 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 |    |    |    |    |    |  |

Flown: 0% (0/35)

Green: 0% (0/35)

Yellow: 0% (0/35)

Red: 0% (0/35)

\* Flown within 35deg solar angle

D01 | HARV\_P1 (Harvard Forest Priority 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: 4% (1/28)

Green: 0% (0/28)

Yellow: 4% (1/28)

Red: 0% (0/28)

\* Flown within 35deg solar angle

#### D01 | HARV\_P2 (Harvard Forest Priority 2)

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 31 | 32 | 33 | 34 | 35 | 36 | 37 |
|----|----|----|----|----|----|----|

Flown: 100% (7/7)

Green: 0% (0/7)

Yellow: 100% (7/7)

Red: 0% (0/7)

\* Flown within 35deg solar angle

#### D01 | HOPB (Hop Brook)

|   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|----|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|----|

Flown: 0% (0/9)

Green: 0% (0/9)

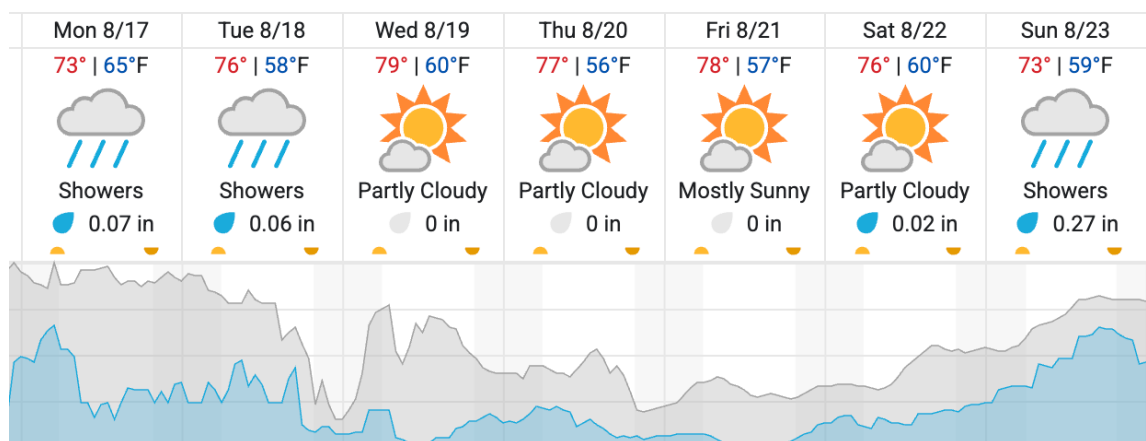
Yellow: 0% (0/9)

Red: 0% (0/9)

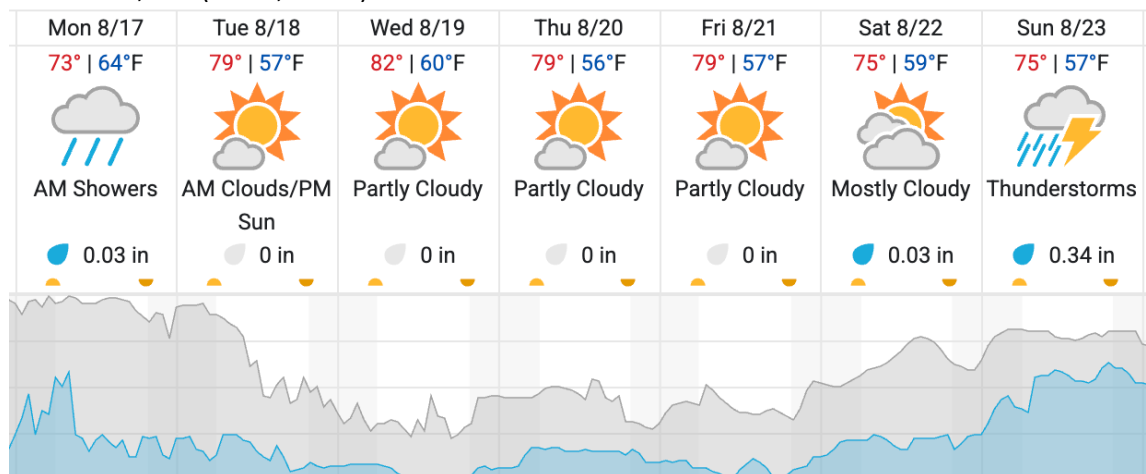
\* Flown within 35deg solar angle

### Weather Forecast

Bartlett, NH (BART)



Petersham, MA (HARV, HOPB)



|                 |                       |
|-----------------|-----------------------|
| Cloud Cover (%) | Chance of Precip. (%) |
|-----------------|-----------------------|

source: wunderground.com

## **Flight Collection Plan for August 17, 2026**

### **Flyority 1**

Collection Area: Bartlett Experimental Forest (BART)

Flight Plan Name: D01\_BART\_R1\_P1\_v3\_VQ780

On-Station Time: 1340 UTC / 0940 L

### **Flyority 2**

Collection Area: Harvard Forest (HARV) – Priority 1 Flight Box

Flight Plan Name: D01\_HARV\_C1\_P1\_P2\_v5\_VQ780

On-Station Time: 1340 UTC / 0940 L

### **Flyority 3**

Collection Area: Hop Brook (HOPB)

Flight Plan Name: D01\_HOPB\_A1\_P1\_v3\_VQ780

On-Station Time: 1340 UTC / 0940 L

### **Flyority 4**

Collection Area: Harvard Forest (HARV) – Priority 2 Flight Box (*\*only if green*)

Flight Plan Name: D01\_HARV\_C1\_P1\_P2\_v5\_VQ780

On-Station Time: 1340 UTC / 0940 L

**Crew:** Cameron (Lidar), Mike (NIS)