



## Payload 2 Daily Flight Report

**Date:** 2025-08-27

**Flight Campaign ID:** P2C1

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

**Aircraft:** N615AR

**Domain:** 01 (Northeast)

**Sites Flown:** None

**Days left in Domain:** 11

**Report Author:** Mike

**Lidar Operators:** Mike

**Flight Hours:** 00:00

**Spectrometer Operators:** Mitch

**Hours until maintenance:** 22.37

**Pilots:** Justin, Jacob

### Summary

High cirrus and mid-day cumulus clouds presented dynamic radiative occlusion over survey areas. This prevented a clear sky condition collection from taking place today.

### Concerns

None

### Comments

None

### 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: 100% (35/35)

Green: 100% (35/35)

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: 36% (10/28)

Green: 36% (10/28)

Yellow: 0% (0/28)

Red: 0% (0/28)

\* Flown within 35deg solar angle

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

31	32	33	34	35	36	37
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Flown: 0% (0/7)

Green: 0% (0/7)

Yellow: 0% (0/7)

Red: 0% (0/7)

\* Flown within 35deg solar angle

#### D01 | HOPB (Hop Brook)

2	3	4	5	6	7	8	9	10
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Flown: 0% (0/9)

Green: 0% (0/9)

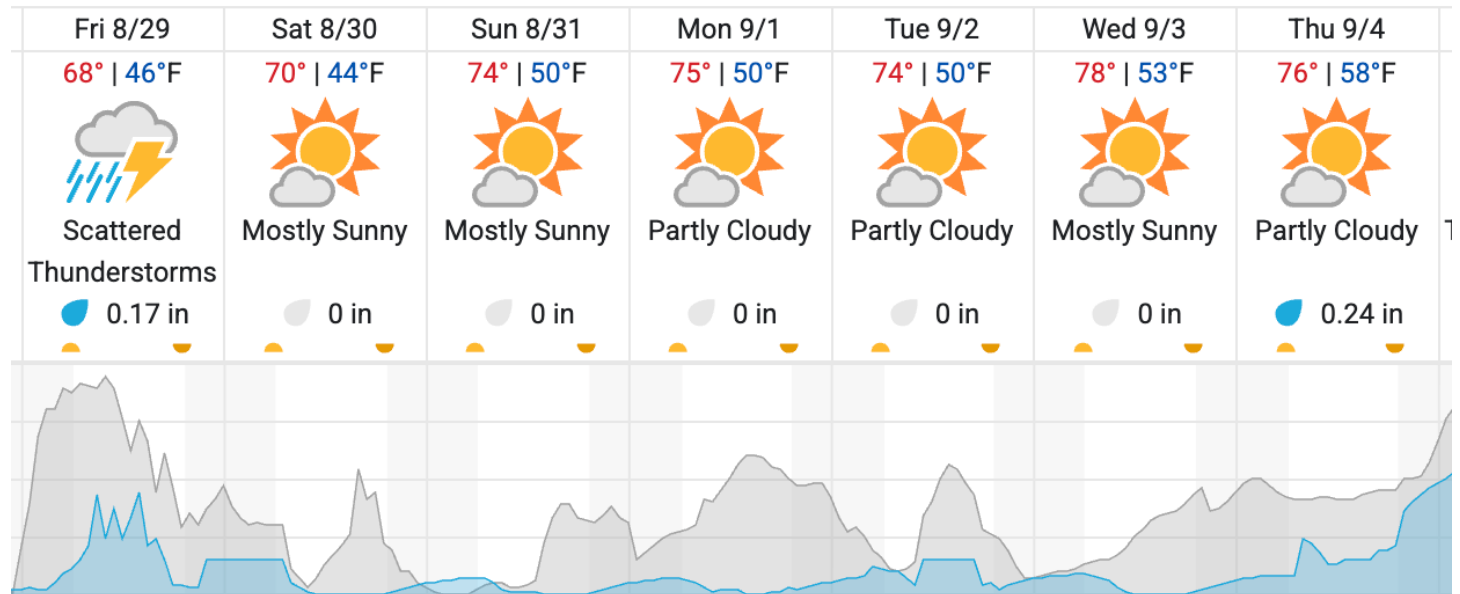
Yellow: 0% (0/9)

Red: 0% (0/9)

\* Flown within 35deg solar angle

#### Weather Forecast

Petersham, MA (HARV)



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

#### Flight Collection Plan for 29 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: 1400 UTC / 1000 L

##### Flyority 2

Collection Area: Hop Brook (HOPB)

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

On-Station Time: 1400 UTC / 1000 L

##### Flyority 3

Collection Area: Harvard Forest (HARV) – Priority 2 Flight Box

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

On-Station Time: 1400 UTC / 1000 L

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