



Payload 2 Daily Flight Report



Date: 2025-08-18

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: 21

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

Spectrometer Operators: Cameron **Hours until maintenance:** 28.93

Pilots: Justin, Manning

Summary

A cirrus layer persisted across the region all day, preventing any opportunity for green collect.

Concerns

None.

Comments

Mitch arrived in Nashua tonight - welcome Mitch!

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

D01 | BART (Bartlett Experimental Forest)

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				

Flown: 22% (8/36)

Green: 0% (0/36)

Yellow: 22% (8/36)

Red: 0% (0/36)

* Flown within 35deg solar angle

D01 | HARV_P1 (Harvard Forest Priority 1)

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: 0% (0/29)
Green: 0% (0/29)
Yellow: 0% (0/29)
Red: 0% (0/29)
* Flown within 35deg solar angle

D01 | HARV_P3 (Harvard Forest Priority 3)

1	2	3	4	5	6	7	8
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Flown: 0% (0/8)
Green: 0% (0/8)
Yellow: 0% (0/8)
Red: 0% (0/8)
* Flown within 35deg solar angle

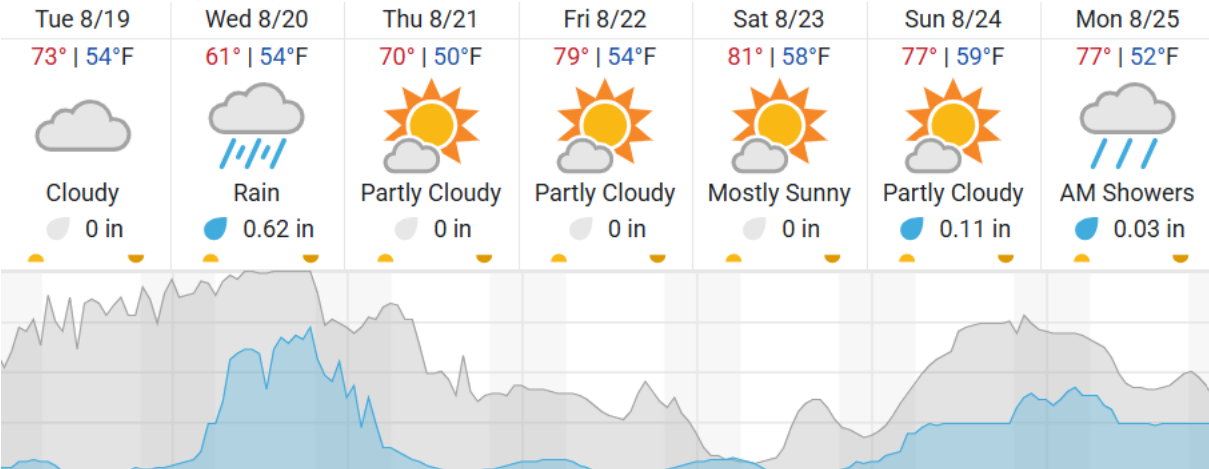
D01 | HOPB (Hop Brook)

1	2	3	4	5	6	7	8	9	10
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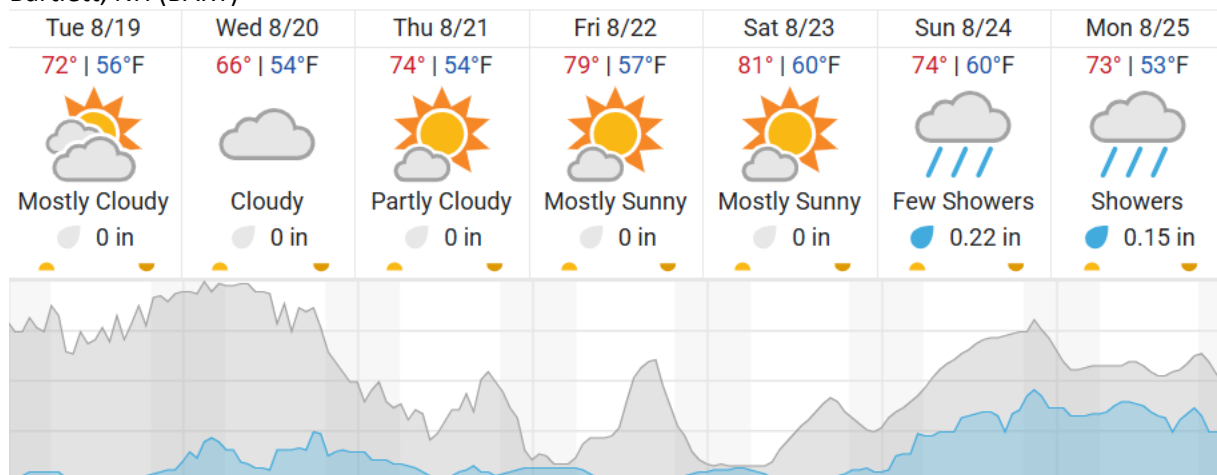
Flown: 0% (0/10)
Green: 0% (0/10)
Yellow: 0% (0/10)
Red: 0% (0/10)
* Flown within 35deg solar angle

Weather Forecast

Petersham, MA (HARV)



Bartlett, NH (BART)



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

Flight Collection Plan for 19 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: Cameron (Lidar), Elissa (NIS), Mitch (Ground)