



Payload 2 Daily Flight Report

Date: 2026-08-19

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: 16

Report Author: Cameron

Lidar Operators: Cameron

Flight Hours: 00:00

Spectrometer Operators: Mike

Hours until maintenance: 92.90

Pilots: Justin, Rusty

Summary

The morning started off foggy and cloudy in the northeast. These conditions cleared by mid-morning, and the crew mobilized to the airport. Unfortunately, low cumulus clouds soon redeveloped at and below flight altitude, preventing any flights from taking place.

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
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Flown: 100% (7/7)
Green: 0% (0/7)
Yellow: 100% (7/7)
Red: 0% (0/7)
* Flown within 35deg solar angle

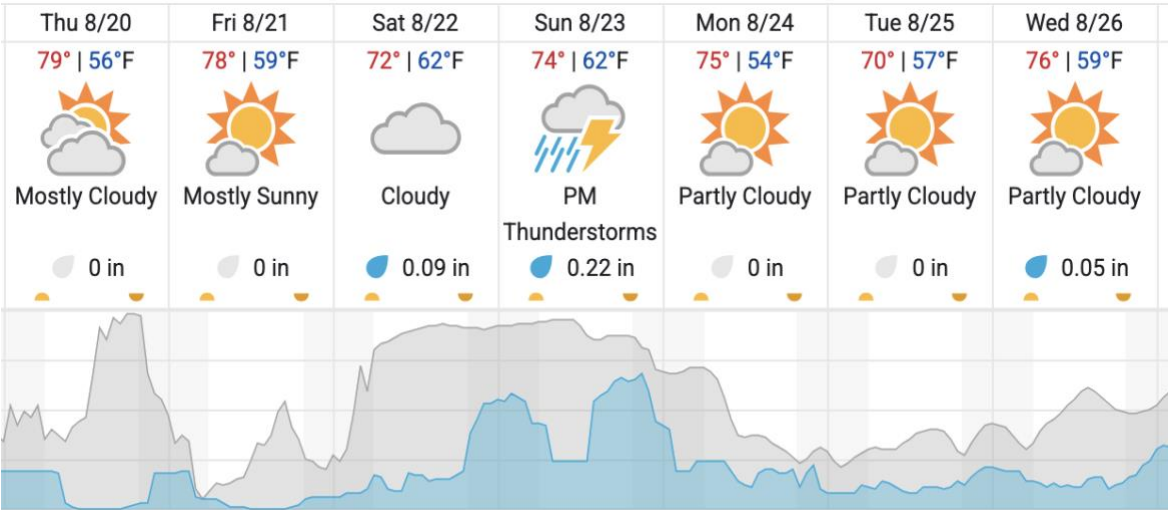
D01|HOPB (Hop Brook)

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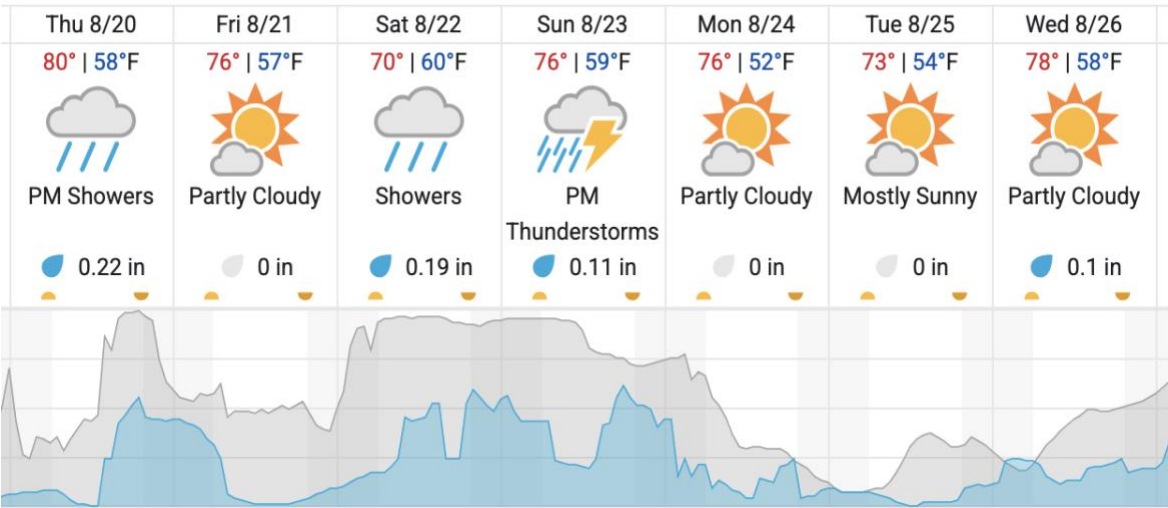
Flown: 0% (0/9)
Green: 0% (0/9)
Yellow: 0% (0/9)
Red: 0% (0/9)
* Flown within 35deg solar angle

Weather Forecast

Bartlett, NH (BART)



Petersham, MA (HARV, HOPB)



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

Flight Collection Plan for August 20, 2026

Flyority 1

Collection Area: Bartlett Experimental Forest (BART)

Flight Plan Name: D01_BART_R1_P1_v3_VQ780

On-Station Time: 1350 UTC / 0950 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: 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 (**only if green*)

Flight Plan Name: D01_HARV_C1_P1_P2_v5_VQ780

On-Station Time: 1350 UTC / 0950 L

Crew: Mike (Lidar), Cameron (NIS)