



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: 17

Report Author: Mike

Lidar Operators: Mike

Flight Hours: 00:00

Spectrometer Operators: Cameron

Hours until maintenance: 92.90

Pilots: Justin, Rusty

Summary

BART was still socked in from the recent rain and HARV had low cumulus hanging about all day, preventing flight activities from occurring.

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												

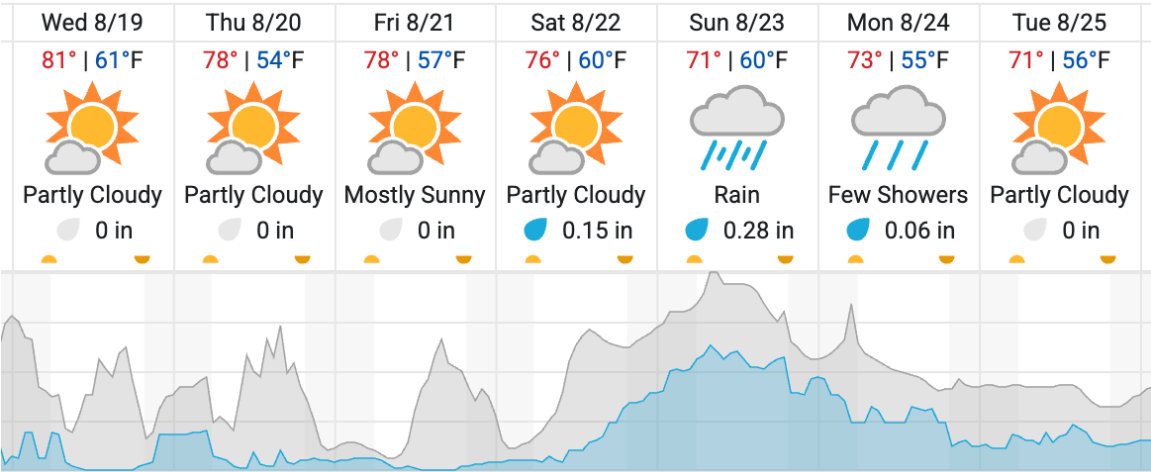
Flown: 4% (1/28)

Green: 0% (0/28)

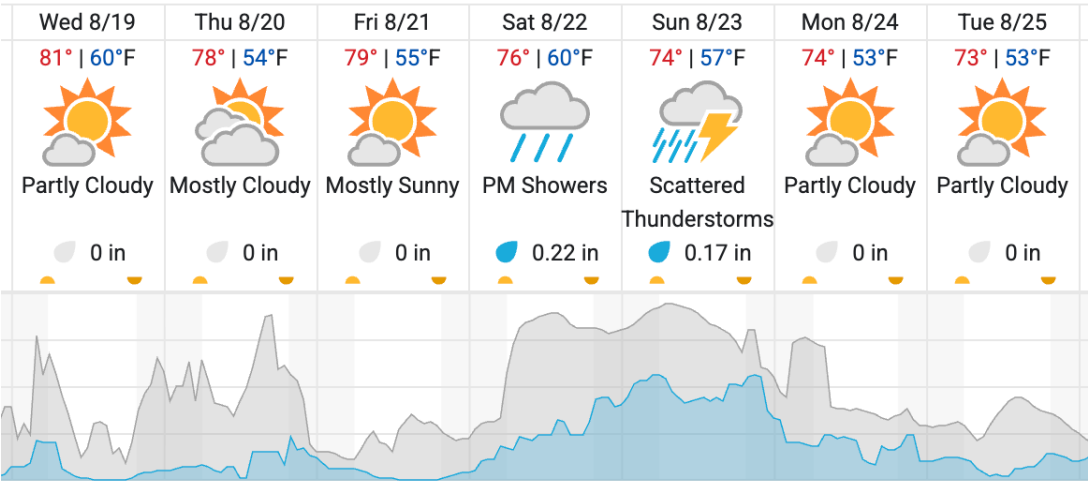
Yellow: 4% (1/28)
Red: 0% (0/28)
* Flown within 35deg solar angle
D01|HARV_P2 (Harvard Forest Priority 2)
31 32 33 34 35 36 37
Flown: 100% (7/7)
Green: 0% (0/7)
Yellow: 100% (7/7)
Red: 0% (0/7)
* Flown within 35deg solar angle

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)



Flight Collection Plan for August 19, 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: Cameron (Lidar), Mike (NIS)