



Payload 2 Daily Flight Report



Date: 2026-08-12

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: 22

Report Author: Mike

Lidar Operators: Mike

Flight Hours: 00:00

Spectrometer Operators: Alyssa

Hours until maintenance: 94.52

Pilots: Justin, Landon

Summary

An unfortunate layer of smoke was persistent this morning, and then cumulus clouds developed, not leaving any opportunity for collection 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: 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: 0% (0/28)

Green: 0% (0/28)

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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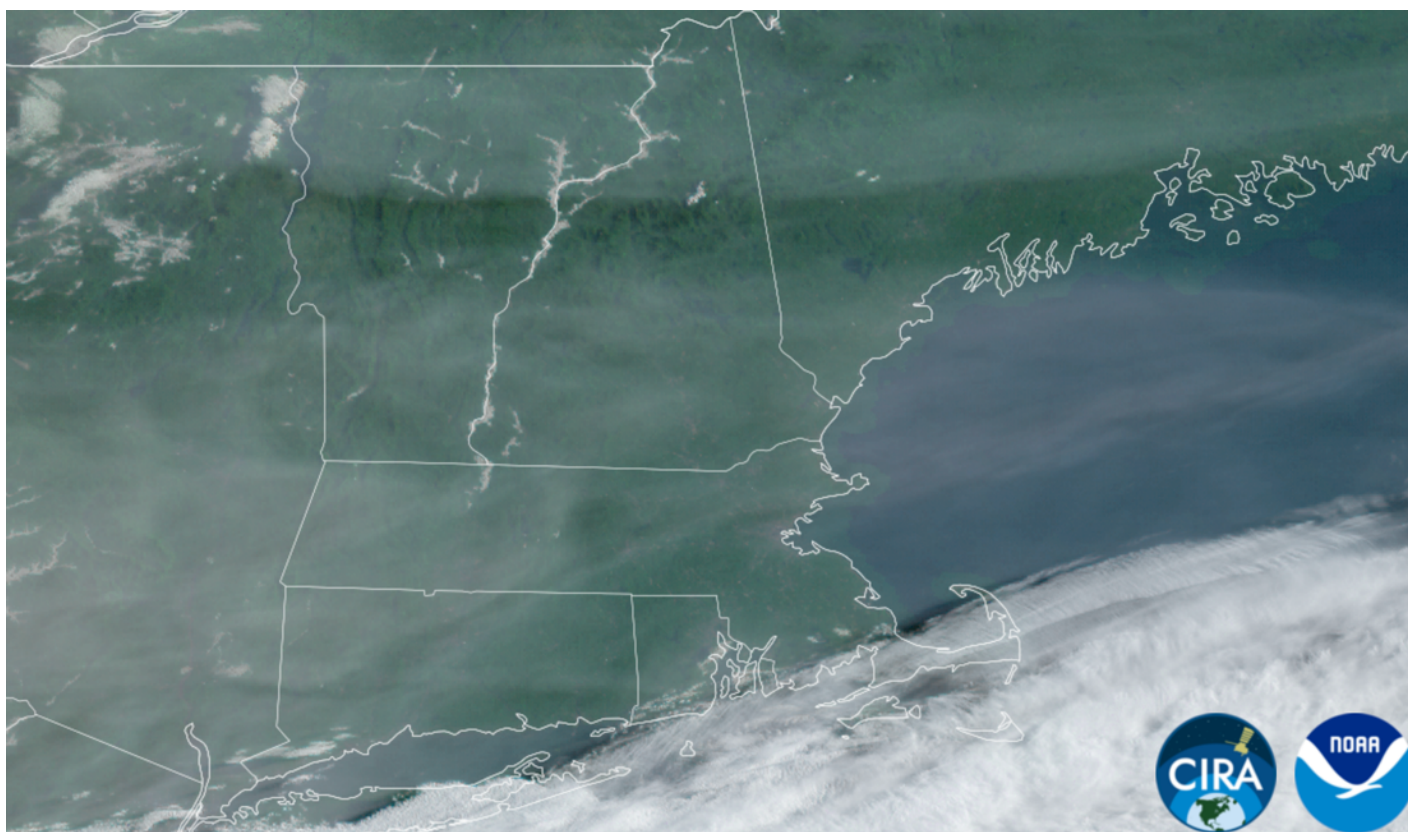
Flown: 0% (0/9)

Green: 0% (0/9)

Yellow: 0% (0/9)

Red: 0% (0/9)

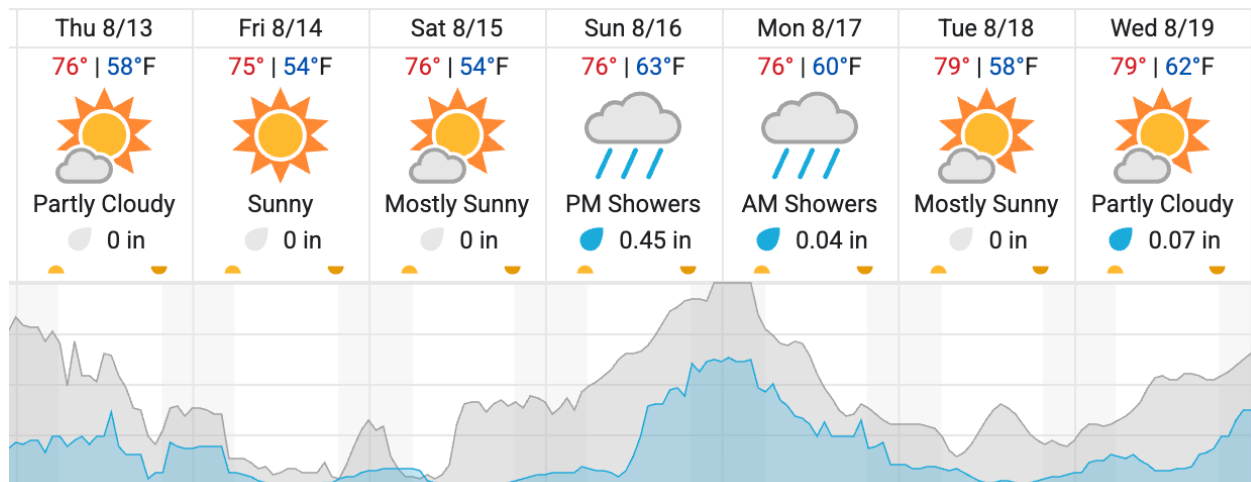
* Flown within 35deg solar angle



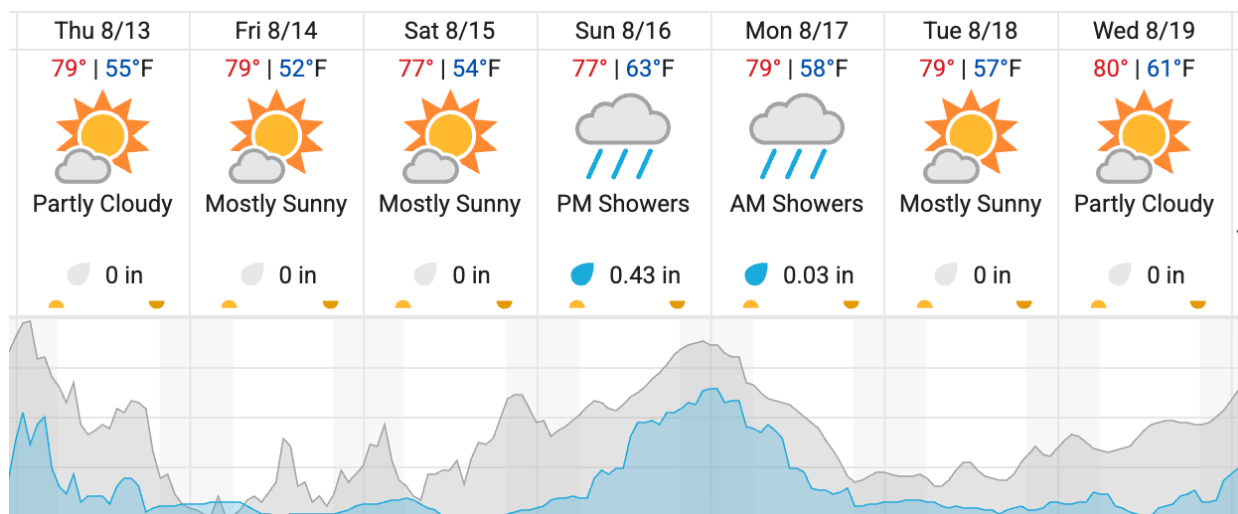
Smoke seen from the GOES Satellite Imagery this morning.

Weather Forecast

Bartlett, NH (BART)



Petersham, MA (HARV, HOPB)



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

source: wunderground.com

Flight Collection Plan for 13 August 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

Flight Plan Name: D01_HARV_C1_P1_P2_v5_VQ780

On-Station Time: 1340 UTC / 0940 L

Crew: Alyssa (Lidar), Mike (NIS)