



Payload 1 Daily Flight Report



**Date:** 2024-08-08  
**Flight Campaign ID:** P1C1  
**Airport, FBO ID, City:** Nashua Airport at Boire Field (KASH) - Nashua, NH  
**Aircraft:** N615AR

**Domain:** 01 (Northeast)  
**Sites Flown:** None  
**Days left in Domain:** 30

**Report Author:** Cameron  
**Lidar Operators:** Cameron      **Flight Hours:** 00:00  
**Spectrometer Operators:** Mitch      **Hours until maintenance:** 67.53  
**Pilots:** Jeff, Will

**Summary**  
Early cloud formations and fog kept the aircraft grounded in the morning, after the fog eventually cleared, continued cloud development at all sites precluded any data collection.

**Concerns**  
- None

**Comments**  
- Pilot Will rotates out today and will be replaced by Justin.

**Daily Coverage**

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

Line #
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**Flight Screenshots:** None

**Pictures:** 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)

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)

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)

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)

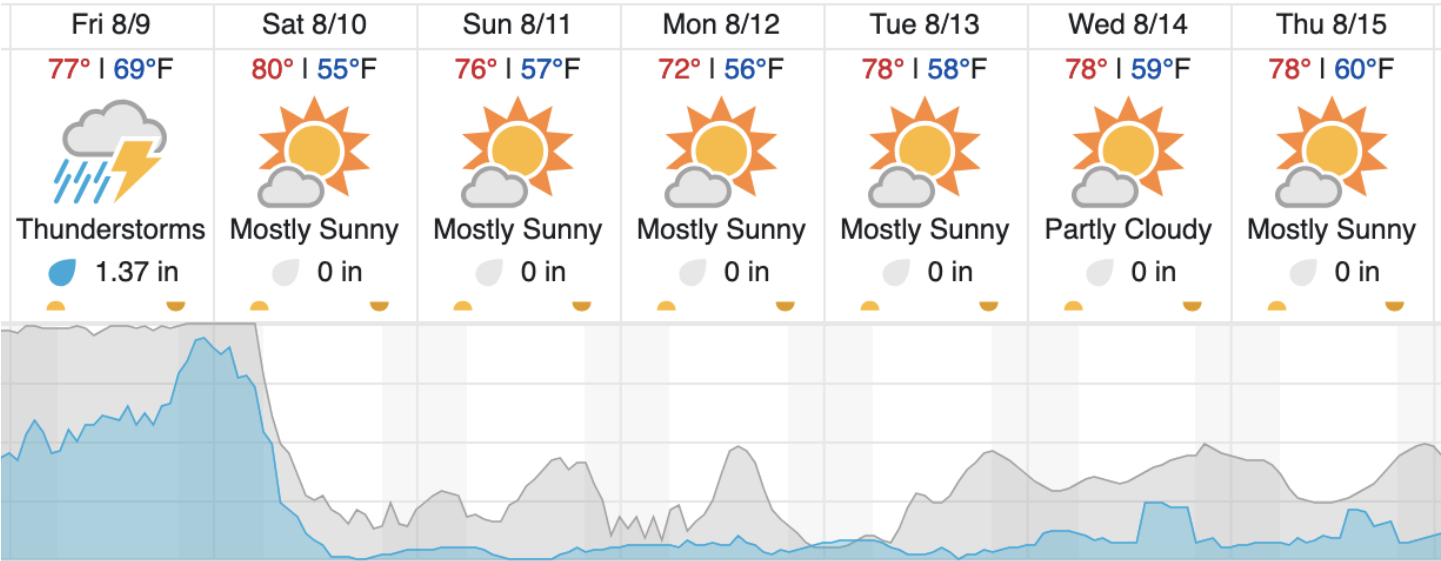
D01|N01A (D01 Nominal Runway )

1	2
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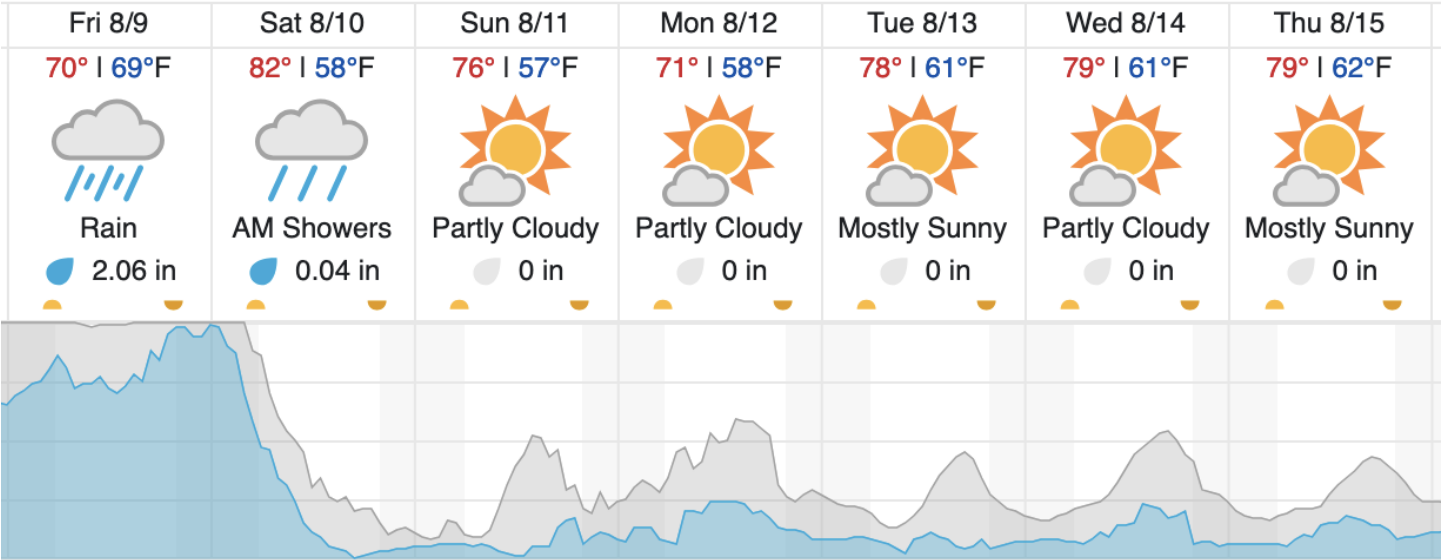
Flown: 0% (0/2)  
Green: 0% (0/2)  
Yellow: 0% (0/2)  
Red: 0% (0/2)

Weather Forecast

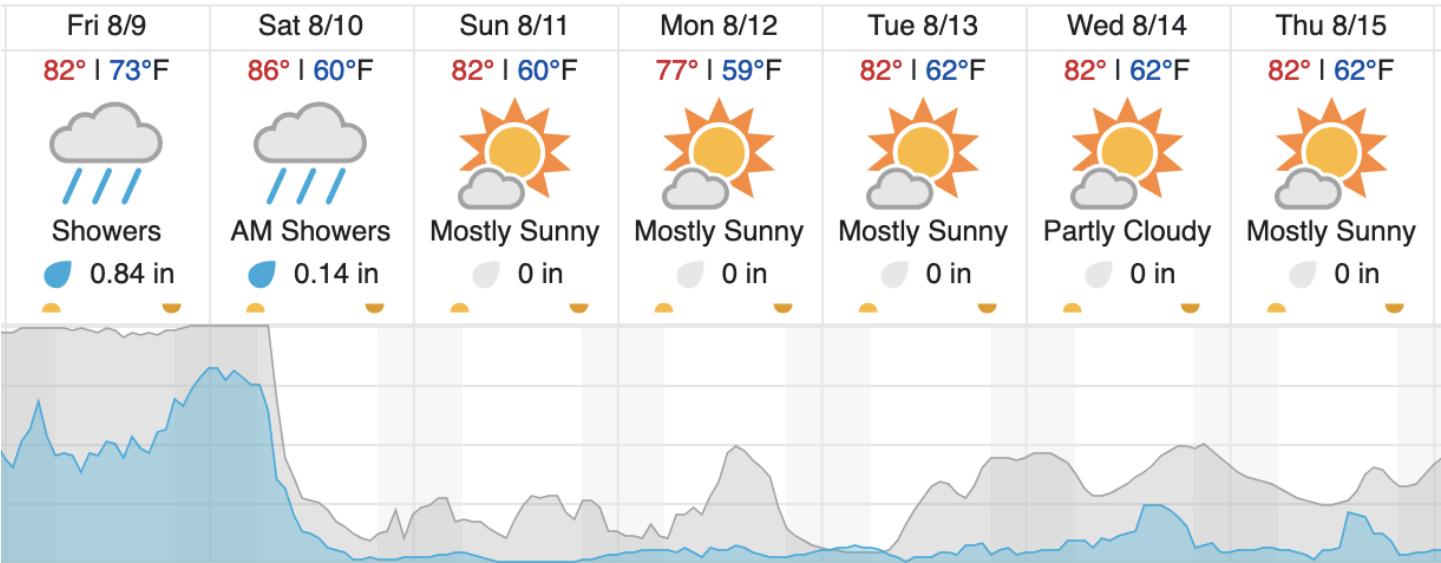
Petersham, MA (HARV)



Bartlett, NH (BART)



Nashua, NH (FBO)



Cloud Cover (%)

Chance of Precip. (%)

source: wunderground.com

Flight Collection Plan for 9 August 2024

Flyority 1:  
Collection Area: Harvard Forest – Priority 1 (HARV\_P1)  
Flight Plan Name: D01\_HARV\_C1\_P1\_\_P2\_v4\_PRM.xml  
On-station Time: 1340 UTC / 0940 L

Flyority 2:  
Collection Area: Bartlett Experimental Forest (BART)  
Flight Plan Name: D01\_BART\_R1\_P1\_v2\_PRM.xml  
On-station Time: 1340 UTC / 0940 L

Flyority 3:

Collection Area: Hop Brook (HOPB)

Flight Plan Name: D01\_HOPB\_A1\_P1\_v2\_PRM.xml

On-station Time: 1340 UTC / 0940 L

Flyority 4:

Collection Area: Harvard Forest – Priority 2 (HARV\_P2)

Flight Plan Name: D01\_HARV\_C1\_P1\_\_P2\_v4\_PRM.xml

On-station Time: 1340 UTC / 0940 L

Flyority 5:

Collection Area: Nominal Runway – D01

Flight Plan Name: D01\_N01A\_Nominal\_Runway\_Test\_v2\_PRM.xml

On-station Time: NA

Crew: Mitch (Lidar), Elissa (NIS)