



## Payload 1 Daily Flight Report



**Date:** 2024-08-13

**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:** 25

**Report Author:** Elissa

**Lidar Operators:** Elissa

**Flight Hours:** 00:00

**Spectrometer Operators:** Cameron

**Hours until maintenance:** 67.53

**Pilots:** Justin, Jacob

### Summary

We mobilized to the plane this morning hoping to fly, but a cirrostratus layer soon spread over our sites. By the time solar angle hit small cumulus clouds had also begun forming.

### Concerns

None.

### Comments

None.

### Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

Line #
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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)

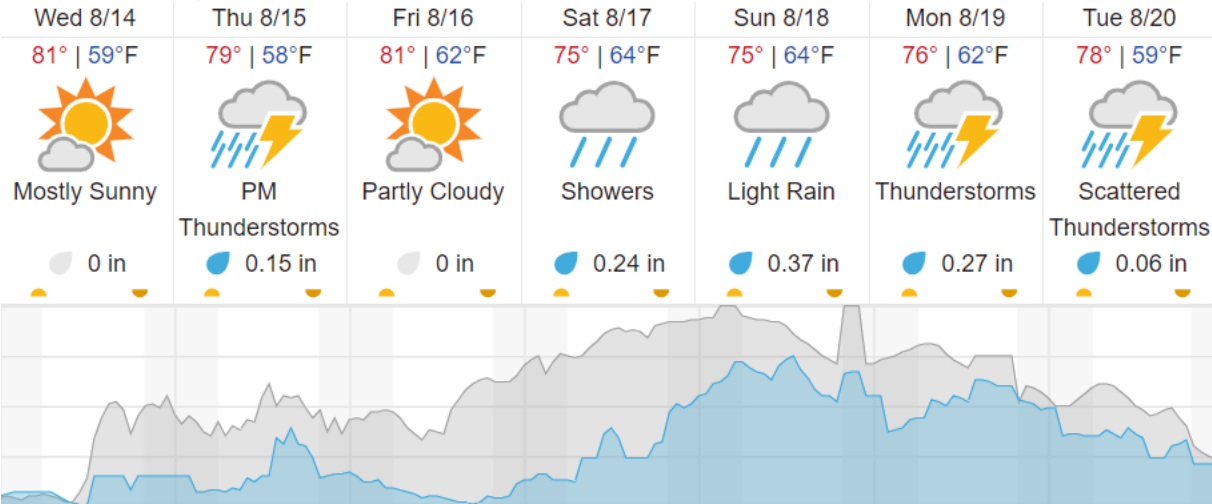
D01 | N01A (D01 Nominal Runway )

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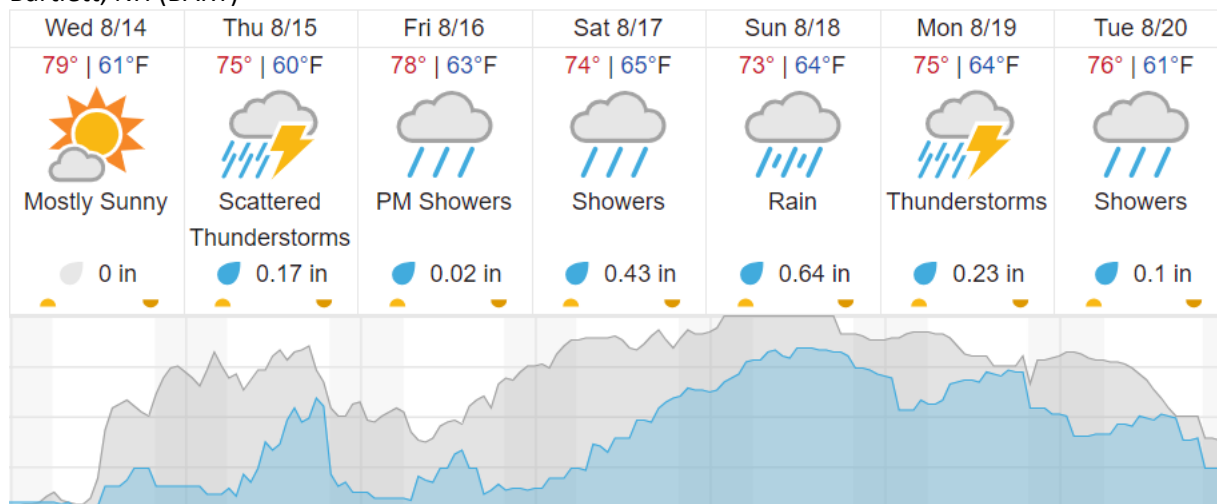
Flown: 0% (0/2)  
Green: 0% (0/2)  
Yellow: 0% (0/2)  
Red: 0% (0/2)

Weather Forecast

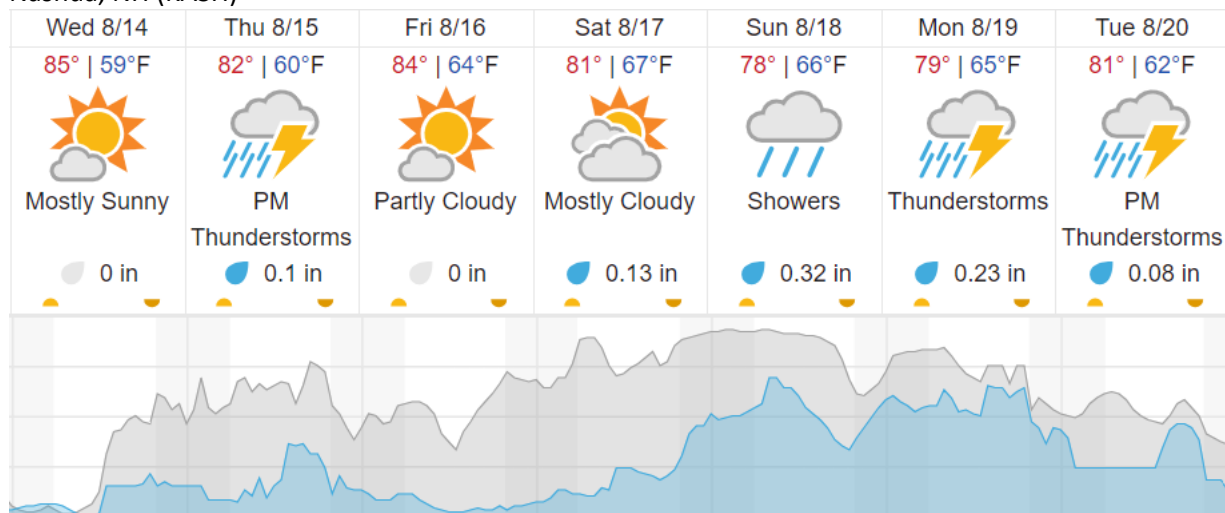
Petersham, MA (HARV)



## Bartlett, NH (BART)



## Nashua, NH (KASH)



source: wunderground.com

## Flight Collection Plan for 14 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: Cameron (Lidar), Elissa (NIS)