



Payload 3 Daily Flight Report



**Date:** 2022-07-31  
**Flight Campaign ID:** P3C1  
**Airport, FBO ID, City:** Nashua Airport (KASH) - Nashua, NH  
**Aircraft:** N70AR

**Domain:** 01 (Northeast)  
**Sites Flown:** None  
**Days left in Domain:** 26

**Report Author:** Mitch  
**Lidar Operators:** Mitch                   **Flight Hours:** 00:00  
**Spectrometer Operators:** John   **Hours until maintenance:** 81.27  
**Pilots:** Justin , Magnus

**Summary**

After some rearranging and shuffling of planes in the Nashua Hangar this morning, crew was able to commence pumping and cooling of system.

**Concerns**

None

**Comments**

None

**Cumulative Domain Coverage**

D01 | BART (Bartlett Experimental Forest)

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| 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 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |    |    |    |    |  |

Flown: 0% (0/36)  
Green: 0% (0/36)  
Yellow: 0% (0/36)  
Red: 0% (0/36)

D01 | HARV\_P1 (Harvard Forest Priority 1)

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| 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% (0/29)  
Green: 0% (0/29)  
Yellow: 0% (0/29)  
Red: 0% (0/29)

D01 | HARV\_P2 (Harvard Forest Priority 2)

|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |
|----|----|----|----|----|----|----|----|

Flown: 0% (0/8)  
Green: 0% (0/8)  
Yellow: 0% (0/8)  
Red: 0% (0/8)

D01 | HOPB (Hop Brook)

|   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|---|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|

Flown: 0% (0/10)  
 Green: 0% (0/10)  
 Yellow: 0% (0/10)  
 Red: 0% (0/10)

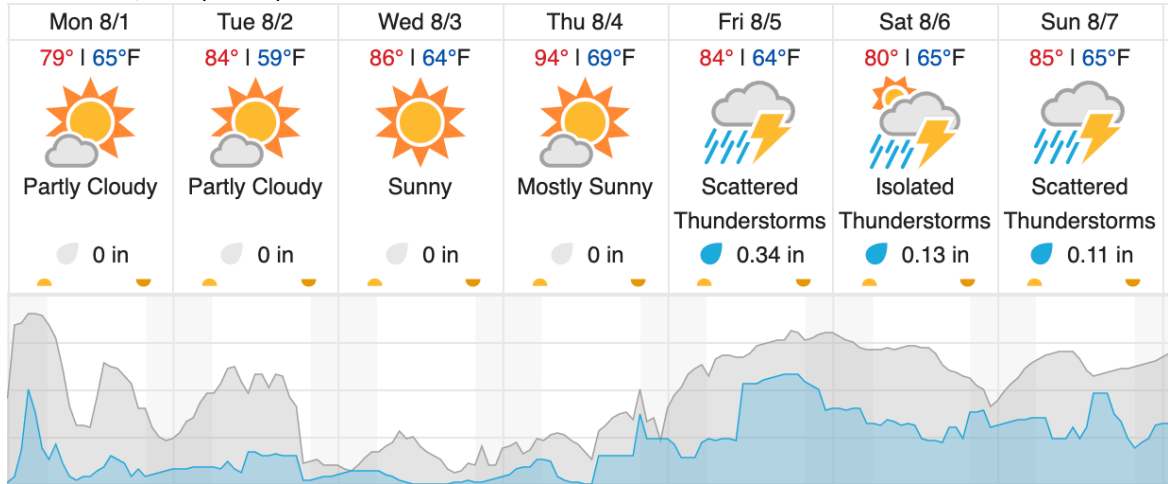
D01 | R01A (FLARE Radiometric Calibration Flight Plan - New Hampshire)

|   |   |
|---|---|
| 1 | 2 |
|---|---|

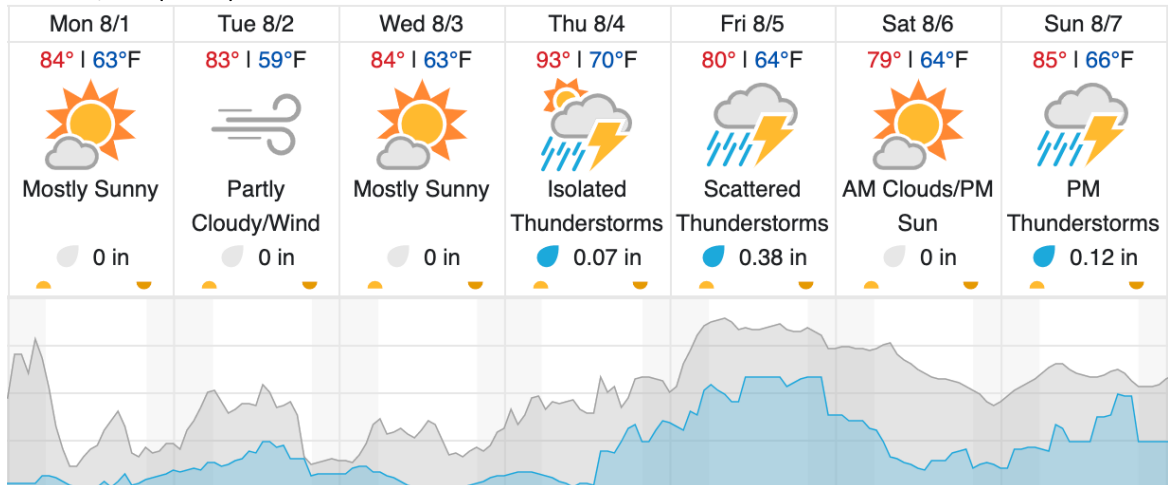
Flown: 100% (0/2)  
 Green: 0% (0/2)  
 Yellow: 0% (0/2)  
 Red: 0% (0/2)

**Weather Forecast**

Petersham, MA (HARV)



Bartlett, NH (BART)



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

source: wunderground.com

**Flight Collection Plan for 01 August 2022**

Flyority 1:

Collection Area: Harvard Forest – Priority 1 (HARV\_P1)

Flight Plan Name: D01\_HARV\_C1\_P1\_v3\_Q780

On-station Time: 1330 UTC / 0930 L

Flyority 2:

Collection Area: Bartlett Experimental Forest (BART)

Flight Plan Name: D01\_BART\_R1\_P1\_v1\_Q780

On-station Time: 1330 UTC / 0930 L

Flyority 3:

Collection Area: Hop Brook (HOPB)

Flight Plan Name: D01\_HOPB\_A1\_P1\_v1\_Q780

On-station Time: 1330 UTC / 0930 L

Flyority 4:

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

Flight Plan Name: D01\_HARV\_C1\_P2\_v3\_Q780

On-station Time: 1330 UTC / 0930 L

Flyority 5:

Collection Area: FLARE Radiometric Calibration Flight Plan – New Hampshire

Flight Plan Name: D01\_R01A\_FLARE\_1000m\_v2\_Q780

On-station Time: 1330 UTC / 0930 L

Crew: John, Mitch