



Payload 1 Daily Flight Report



Date: 2024-08-12

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: 26

Report Author: Cameron

Lidar Operators: Cameron

Flight Hours: 00:00

Spectrometer Operators: Elissa

Hours until maintenance: 67.53

Pilots: Jacob, Justin

Summary

Extensive cloud development began early in the day and progressively intensified, resulting in overcast conditions that persisted throughout the day. These adverse weather conditions precluded the possibility of data collection.

Concerns

- None

Comments

- None

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

Line #

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)

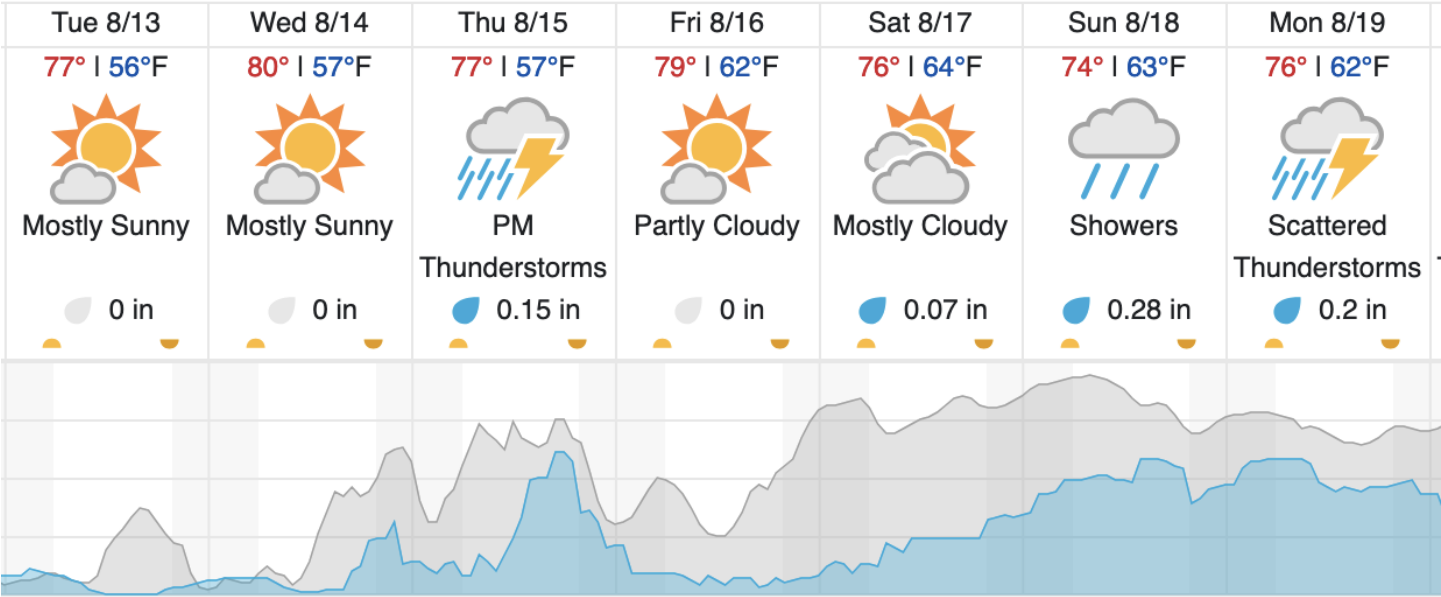
D01|N01A (D01 Nominal Runway)

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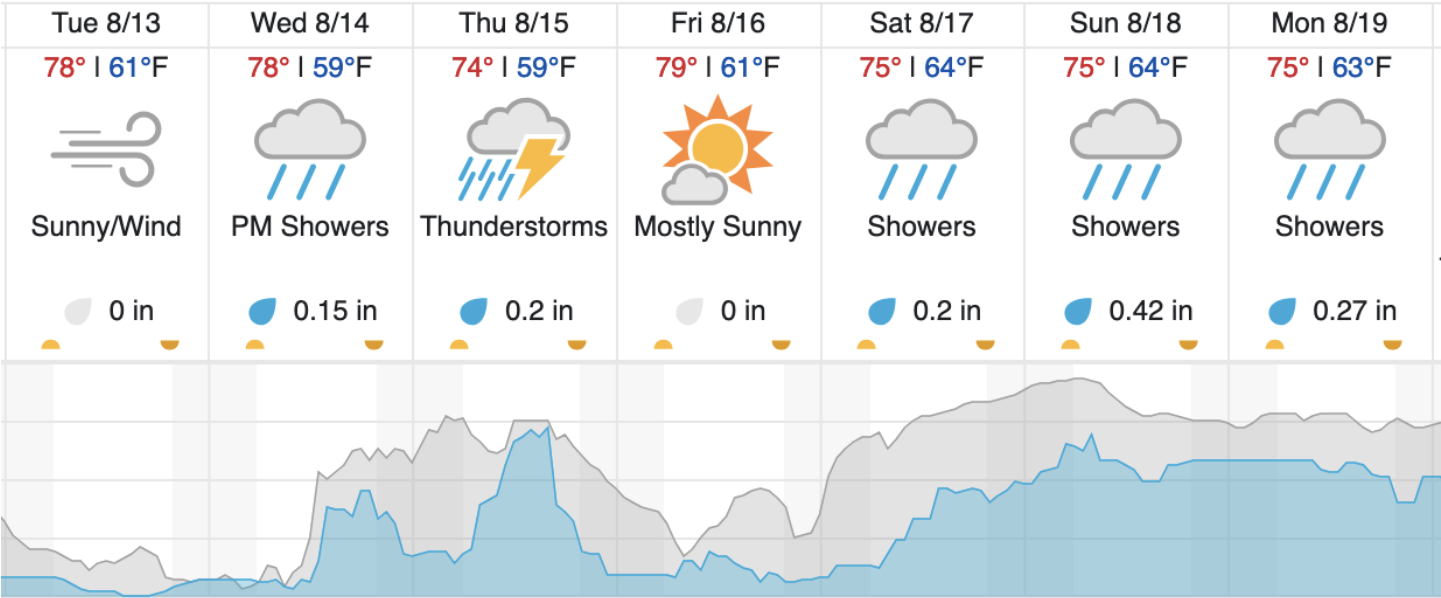
Flown: 0% (0/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 0% (0/2)

Weather Forecast

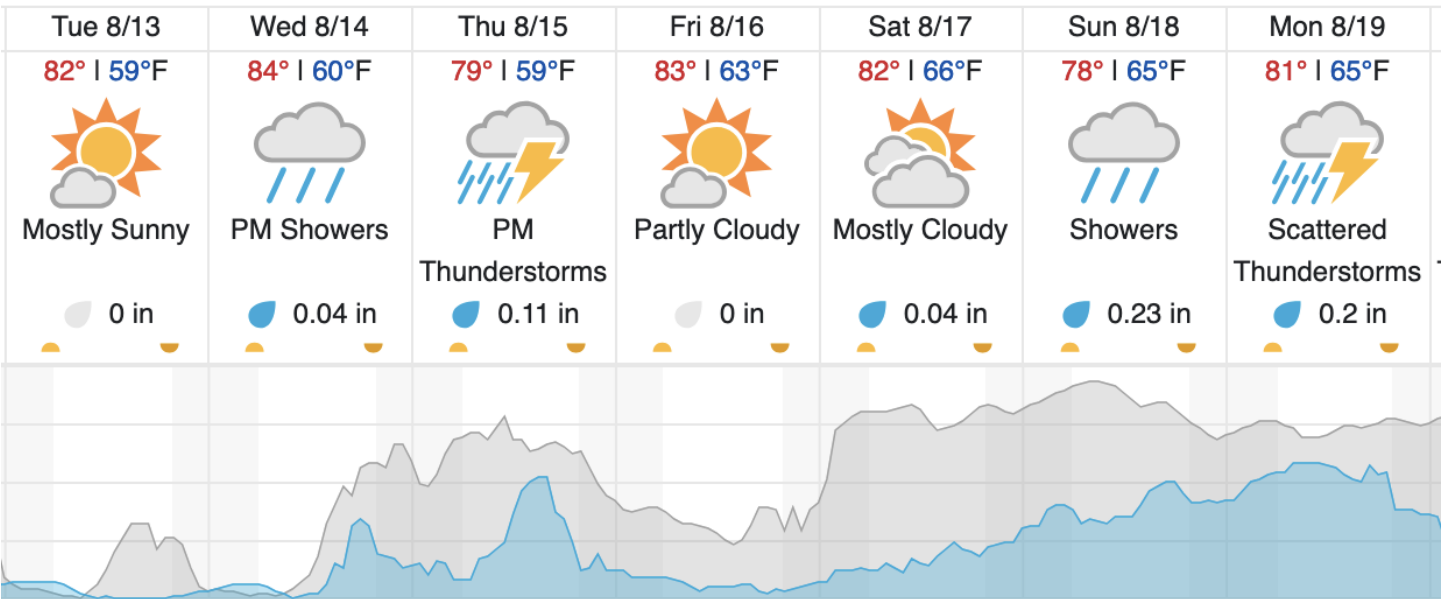
Petersham, MA (HARV)



Bartlett, NH (BART)



Nashua, NH (FBO)



source: wunderground.com

Flight Collection Plan for 13 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: Elissa (Lidar), Cameron (NIS)