



Payload 1 Daily Flight Report



Date: 2024-08-20

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: 18

Report Author: Abe

Lidar Operators: Abe

Flight Hours: 00:00

Spectrometer Operators: Elissa

Hours until maintenance: 65.88

Pilots: Justin, Jacob

Summary

The weather is trending better, especially at the HARV site, but low clouds and overcast kept the crew on the ground today. No collections were made.

Concerns

None

Comments

-The crew was going to move the GPS FBO system today, but at the airport managers request we did a test with the contractor to see if there was actual interference. It was determined that our system does not interfere with the contractor's system, so our GPS was allowed to stay in place.

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: 100% (7/7)
Green: 0% (0/7)
Yellow: 100% (7/7)
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)

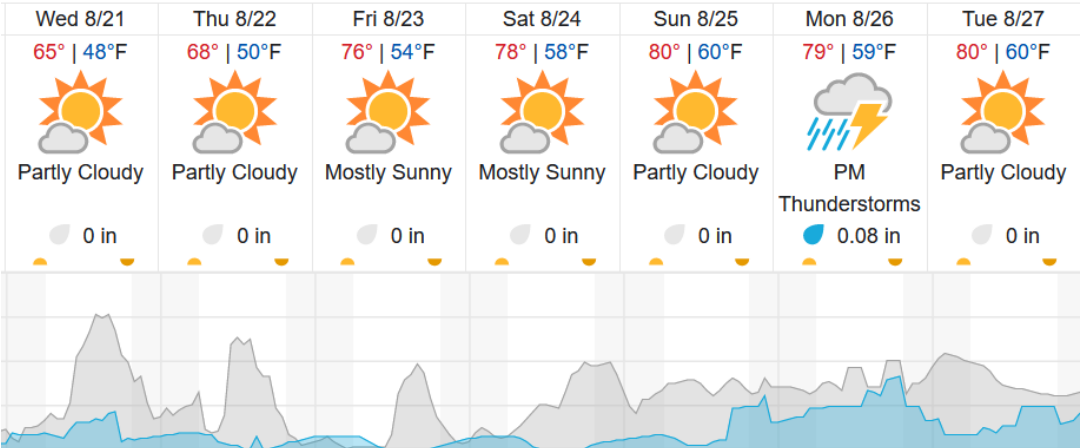
D01 | N01A (D01 Nominal Runway)

1	2
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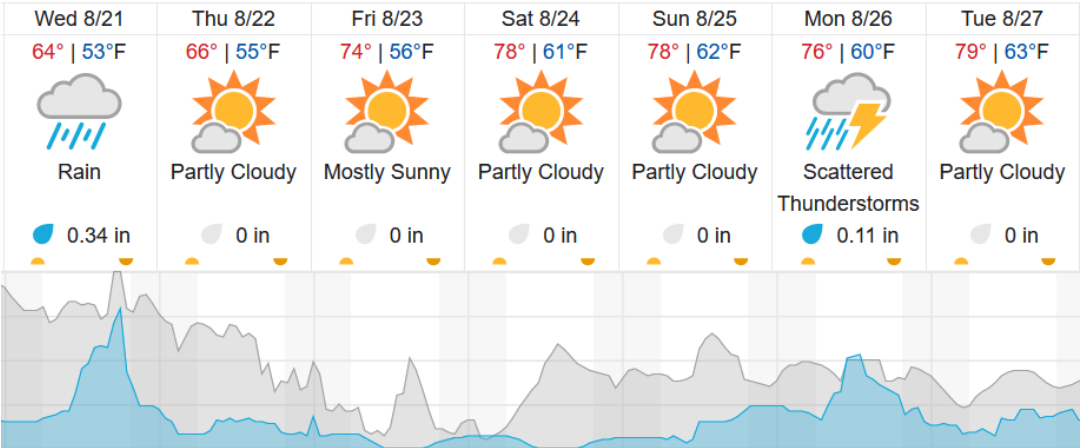
Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 100% (2/2)
Red: 0% (0/2)

Weather Forecast

Petersham, MA (HARV)



Bartlett, NH (BART)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for 21 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: 1350 UTC / 0950 L

Flyority 2:

Collection Area: Bartlett Experimental Forest (BART)

Flight Plan Name: D01_BART_R1_P1_v2_PRM.xml

On-station Time: 1350 UTC / 0950 L

Flyority 3:

Collection Area: Hop Brook (HOPB)

Flight Plan Name: D01_HOPB_A1_P1_v2_PRM.xml

On-station Time: 1350 UTC / 0950 L

Flyority 4: *(if green)*

Collection Area: Harvard Forest – Priority 2 (HARV_P2)

Flight Plan Name: D01_HARV_C1_P1_P2_v4_PRM.xml

On-station Time: 1350 UTC / 0950 L

Crew: Elissa (Lidar), Abe (NIS)