



Payload 1 Daily Flight Report



Date: 2024-08-19

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: 19

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

Spectrometer Operators: Abe

Hours until maintenance: 0.00

Pilots: Justin, Jacob

Summary

The multi-day pattern of clouds and rain continues. No flights were attempted today.

Concerns

None.

Comments

After deliberation with the FBO manager we decided to relocate our GPS unit to a more remote area of the airport, in order to avoid conflict with construction activities. We plan to reposition it and turn it back on tomorrow.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

Line #

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)

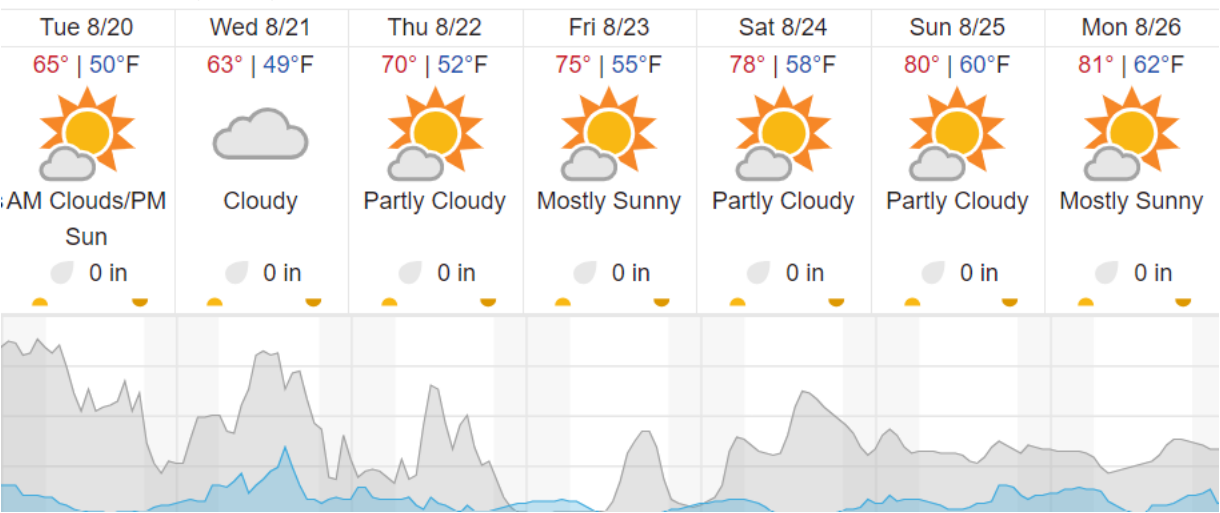
D01 | N01A (D01 Nominal Runway)

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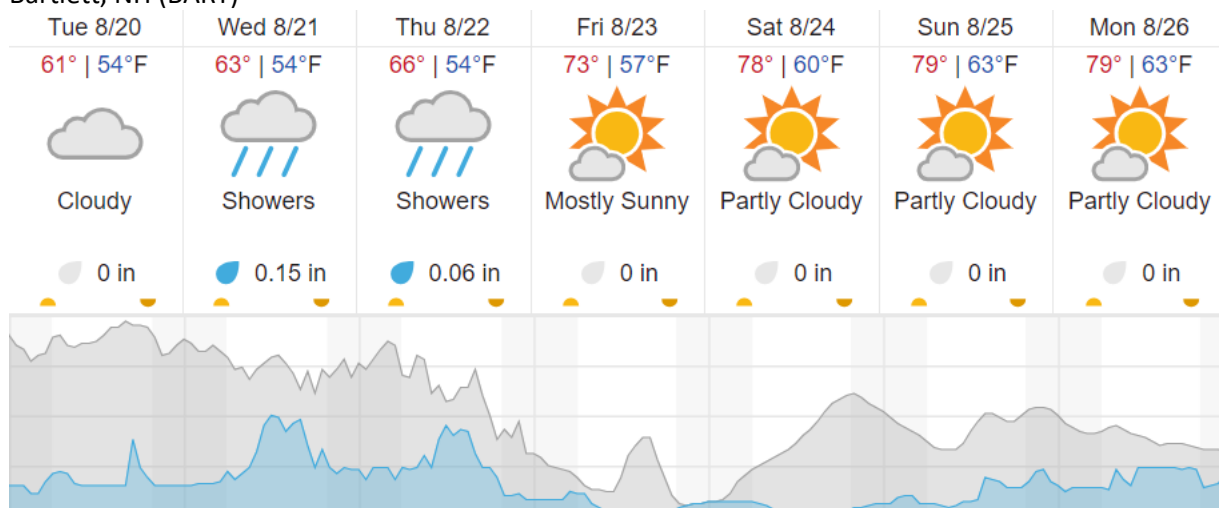
Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 100% (2/2)
Red: 0% (0/2)

Weather Forecast

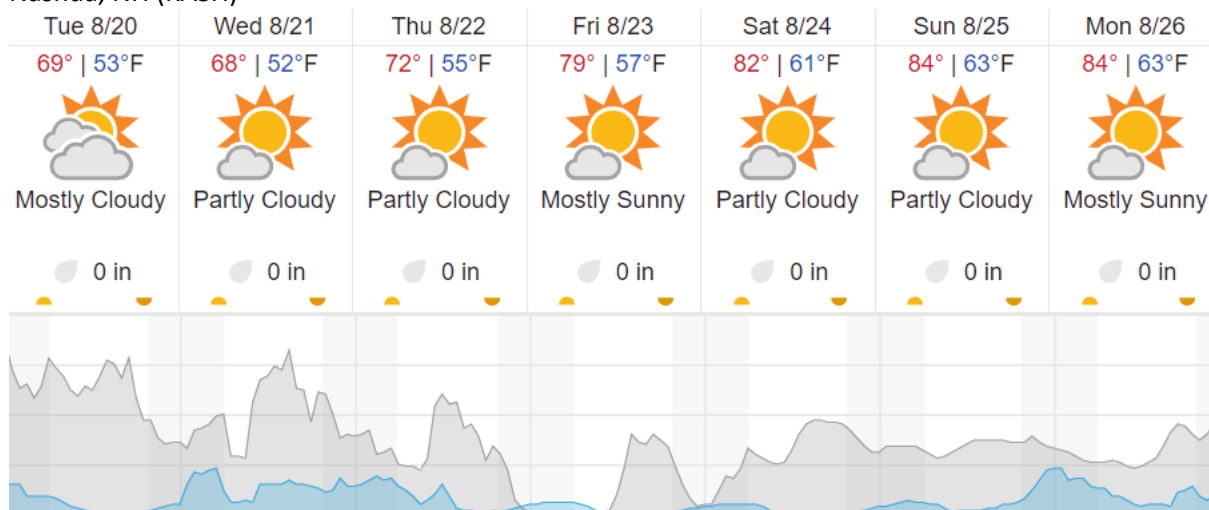
Petersham, MA (HARV)



Bartlett, NH (BART)



Nashua, NH (KASH)



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

Flight Collection Plan for 20 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: Abe (Lidar), Elissa (NIS)