



Payload 1 Daily Flight Report



Date: 2024-08-05

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: 33

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: Cameron

Hours until maintenance: 67.53

Pilots: Jeff, Will

Summary

The spectrometer reached spec and stabilized early this morning making today our first eligible day for flights in D01. Weather initially looked promising for a small window of green collect, however fog over Harvard Forest this morning was quickly replaced by small pesky cumulus clouds at low altitudes, which refused to dissipate and eventually grew into scattered cloud cover by mid-morning, and preventing any flights from occurring.

Concerns

None

Comments

- A new sim card was placed in GPS 07. The new IP address is updated in our GPS Basestation log.
- The solar panel for our GPS does not appear to be adequately recharging the GPS battery. A new solar panel is being shipped out and will be replaced once it arrives.
- The getter was reactivated this morning.

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)

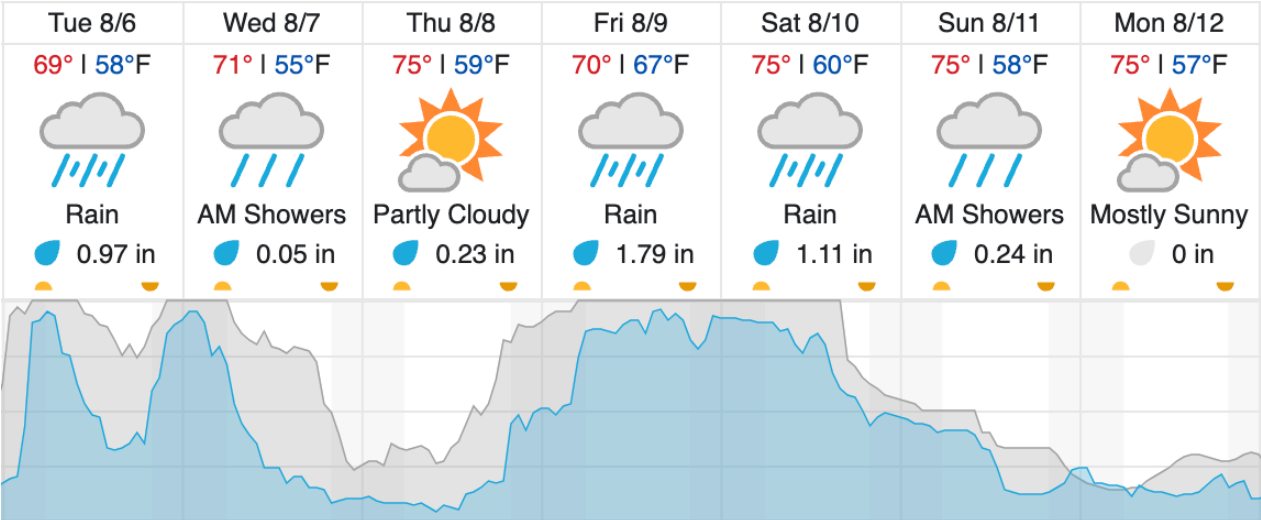
D01 | N01A (D01 Nominal Runway)

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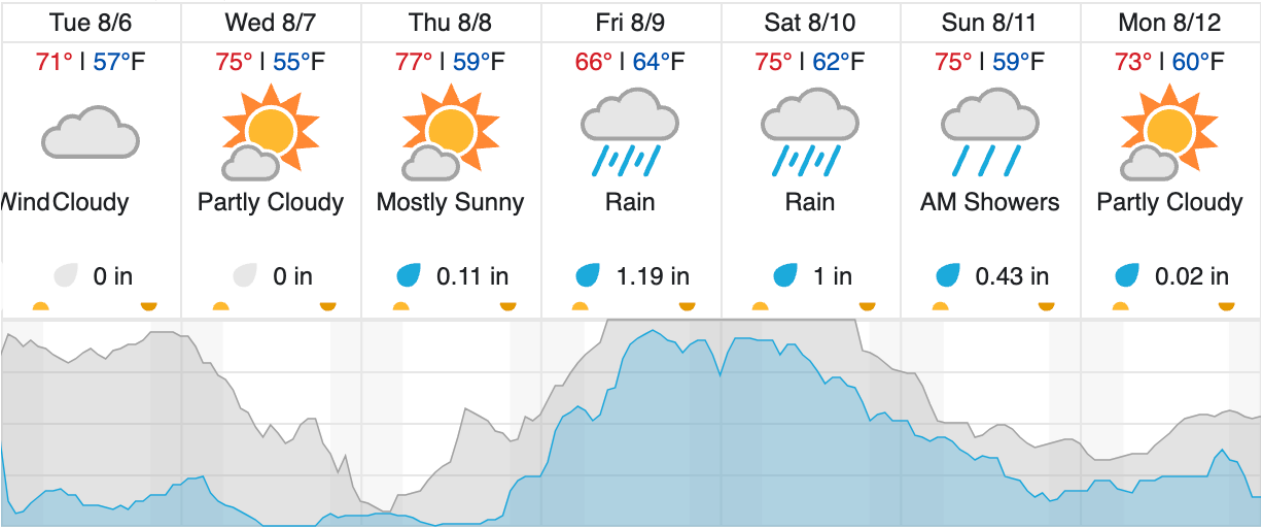
Flown: 0% (0/2)
 Green: 0% (0/2)
 Yellow: 0% (0/2)
 Red: 0% (0/2)

Weather Forecast

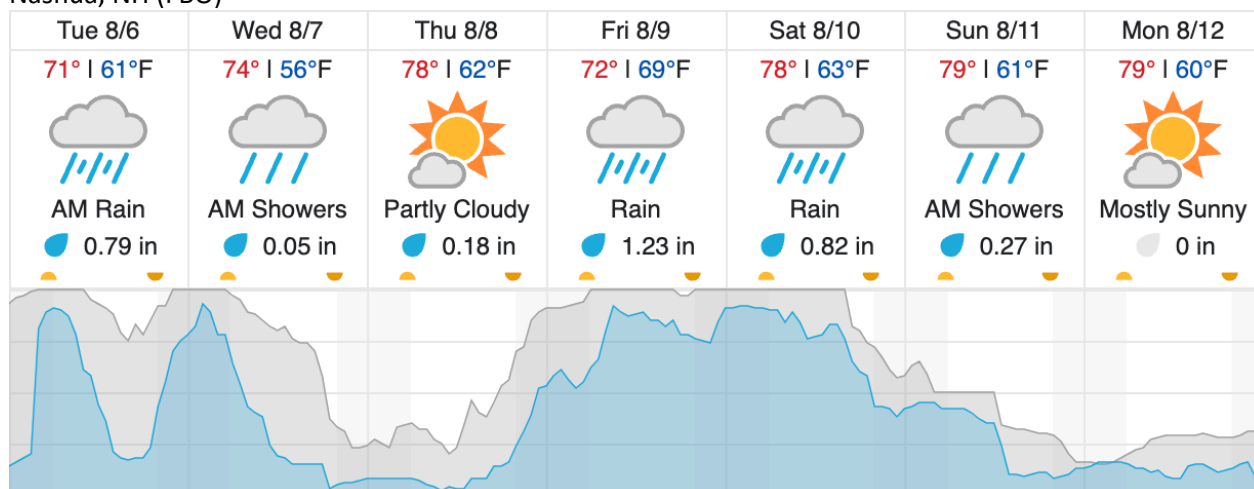
Petersham, MA (HARV)



Bartlett, NH (BART)



Nashua, NH (FBO)



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

Flight Collection Plan for 06 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: Cam (Lidar), Mitch (NIS)