



Payload 1 Daily Flight Report



Date: 2024-08-22

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: 16

Report Author: Abe

Lidar Operators: Abe

Flight Hours: 00:00

Spectrometer Operators: Elissa

Hours until maintenance: 65.88

Pilots: Justin, Jacob

Summary

The day started with a mostly clear HARV site but the low cumulus clouds quickly built before solar angle and the BART site had low overcast all day. No flights were made.

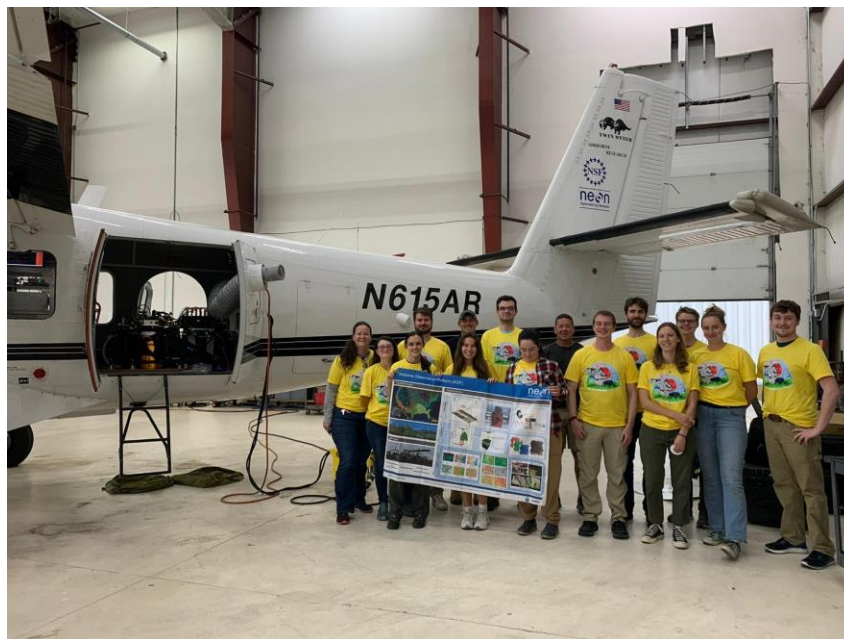
Concerns

None

Comments

-A tour was conducted this evening for a group of about 15 D01 staffers. It was good to meet them all!

Pictures



D01 Staff touring the AOP at Nashua NH airport.

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 |
|----|----|----|----|----|----|----|

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 |
|---|---|---|---|---|---|---|---|----|

Flown: 0% (0/9)
Green: 0% (0/9)
Yellow: 0% (0/9)
Red: 0% (0/9)

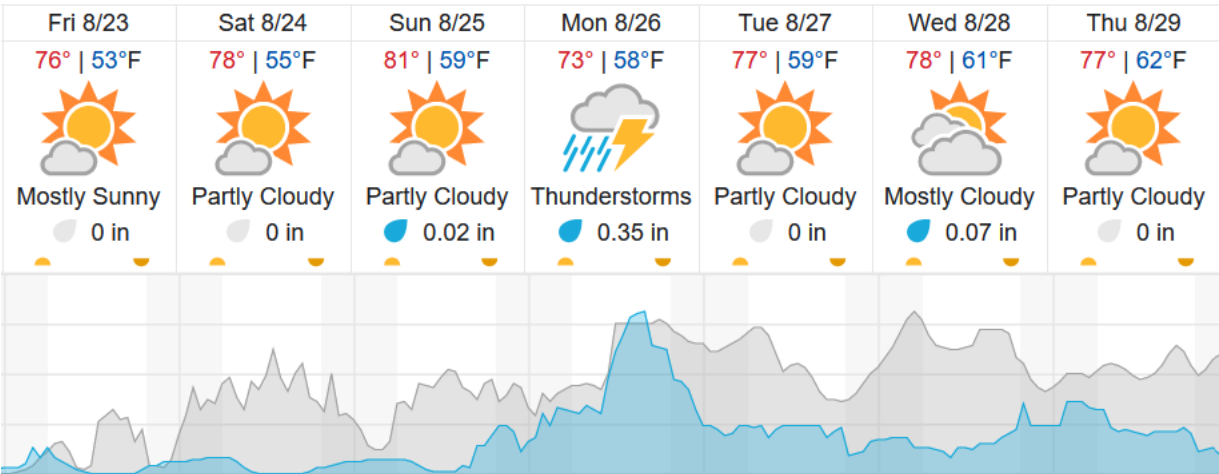
D01 | N01A (D01 Nominal Runway)

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

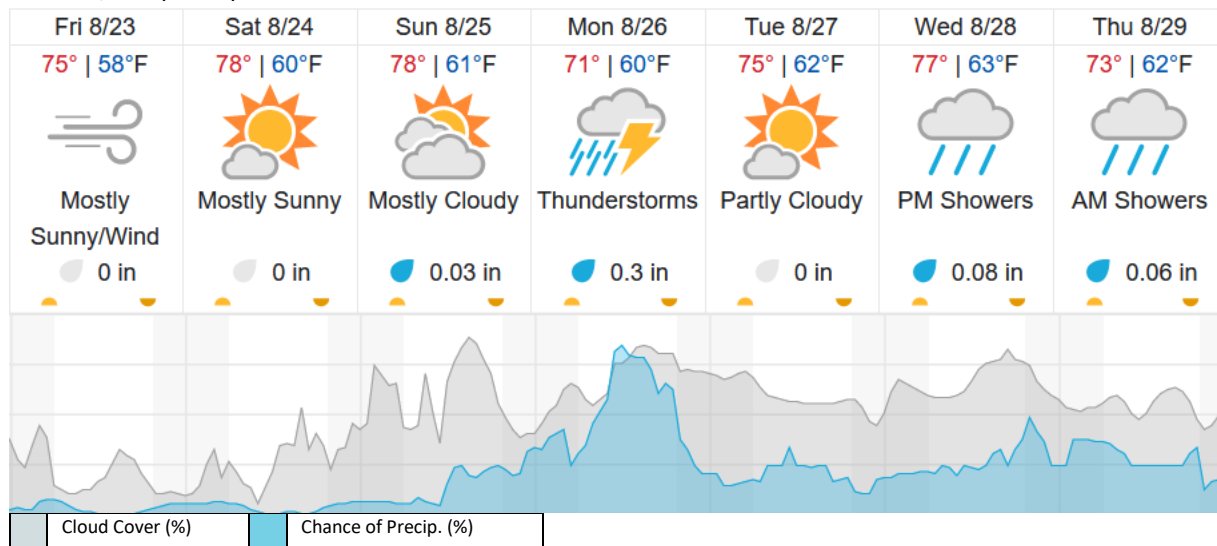
Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 100% (2/2)
Red: 0% (0/2)

Weather Forecast

Petersham, MA (HARV)



Bartlett, NH (BART)



source: wunderground.com

Flight Collection Plan for 23 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)