



Payload 3 Daily Flight Report



Date: 2022-08-01
Flight Campaign ID: P3C1
Airport, FBO ID, City: Nashua Airport (KASH) - Nashua, NH
Aircraft: N70AR

Domain: 01 (Northeast)
Sites Flown: None
Days left in Domain: 25

Report Author: John
Lidar Operators: John **Flight Hours:** 00:00
Spectrometer Operators: Mitch **Hours until maintenance:** 81.27
Pilots: Justin , Magnus

Summary

System is almost cooled to specifications, should be ready for mission flights tomorrow.

Concerns

None

Comments

We were not able to connect to the HARV tower camera today.

Cumulative Domain Coverage

D01 | BART (Bartlett Experimental Forest)

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	30	31	32	33	34	35	36				

Flown: 0% (0/36)
 Green: 0% (0/36)
 Yellow: 0% (0/36)
 Red: 0% (0/36)

D01 | HARV_P1 (Harvard Forest Priority 1)

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% (0/29)
 Green: 0% (0/29)
 Yellow: 0% (0/29)
 Red: 0% (0/29)

D01 | HARV_P2 (Harvard Forest Priority 2)

30	31	32	33	34	35	36	37
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Flown: 0% (0/8)
 Green: 0% (0/8)
 Yellow: 0% (0/8)
 Red: 0% (0/8)

D01 | HOPB (Hop Brook)

1	2	3	4	5	6	7	8	9	10
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Flown: 0% (0/10)
 Green: 0% (0/10)
 Yellow: 0% (0/10)
 Red: 0% (0/10)

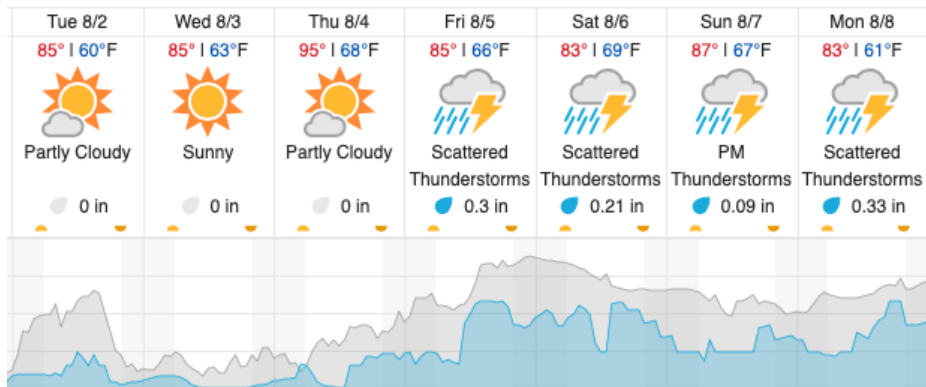
D01 | R01A (FLARE Radiometric Calibration Flight Plan - New Hampshire)

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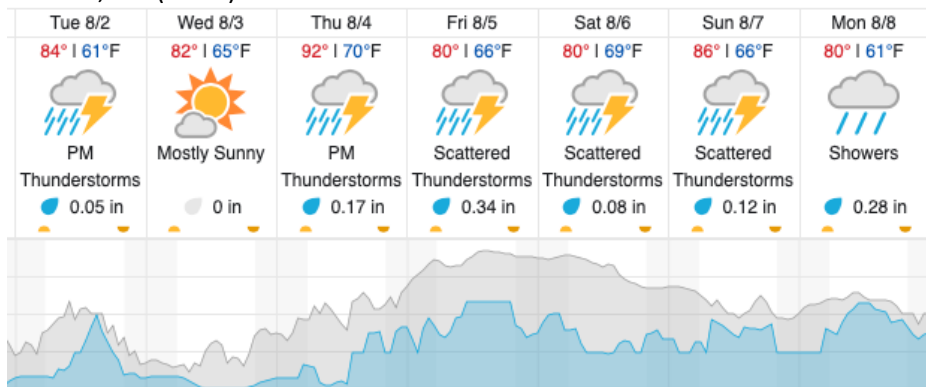
Flown: 100% (0/2)
 Green: 0% (0/2)
 Yellow: 0% (0/2)
 Red: 0% (0/2)

Weather Forecast

Petersham, MA (HARV)



Bartlett, NH (BART)



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

Flight Collection Plan for 02 August 2022

Flyority 1:

Collection Area: Harvard Forest – Priority 1 (HARV_P1)

Flight Plan Name: D01_HARV_C1_P1_v3_Q780

On-station Time: 1330 UTC / 0930 L

Flyority 2:

Collection Area: Bartlett Experimental Forest (BART)

Flight Plan Name: D01_BART_R1_P1_v1_Q780

On-station Time: 1330 UTC / 0930 L

Flyority 3:

Collection Area: Hop Brook (HOPB)

Flight Plan Name: D01_HOPB_A1_P1_v1_Q780

On-station Time: 1330 UTC / 0930 L

Flyority 4:

Collection Area: Harvard Forest – Priority 2 (HARV_P2)

Flight Plan Name: D01_HARV_C1_P2_v3_Q780

On-station Time: 1330 UTC / 0930 L

Flyority 5:

Collection Area: FLARE Radiometric Calibration Flight Plan – New Hampshire

Flight Plan Name: D01_R01A_FLARE_1000m_v2_Q780

On-station Time: 1330 UTC / 0930 L

Crew: Mitch (Lidar), John (NIS)