



August 10, 2019 Payload 1 Daily Flight Report



Date: 2019-08-10

Flight Campaign ID: 2019_P1C1

Airport, FBO ID, City: Nashua Airport (KASH) - Nashua, NH

Domain: 01

Sites Flown: HARV_P1 (Harvard Forest Priority 1)

Days left in Domain: 25

Report Author: Mitch Haynes

Flight Crew: Mitch Haynes, Matt DeVoe

Flight Hours: 00:23

Ground/GPS:

Hours until maintenance: 55.55

Pilots: David Little, Jeff Quintanilla

Additional Personnel:

GPS Instruments:

Summary

Woke up to clear skies here on our first flight day in D01. However, between towing out of our hangar in Nashua and arriving on station at Harvard Forest, quickly building cumulus clouds had developed at our flight altitude, preventing any collections from occurring.

Concerns

- Welding on TOIL tow bar head has been compromised (unsure of when it started breaking down). New head will arrive on Tuesday, and in the meantime, Infinity Aviation in Nashua is allowing us to borrow one of their heads.

Comments

None

Pictures: Compromised tow bar head.



Cumulative Domain Coverage

BART

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)

HARV_P1

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)

HARV_P3

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

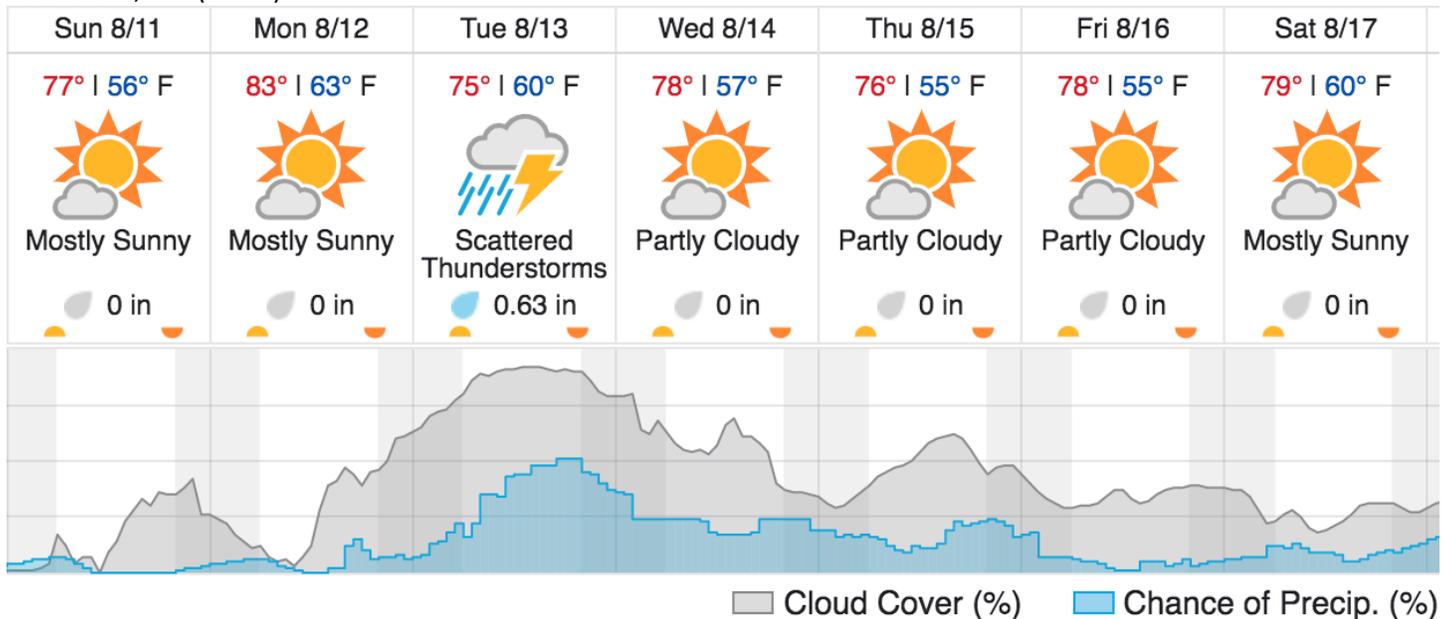
N01A

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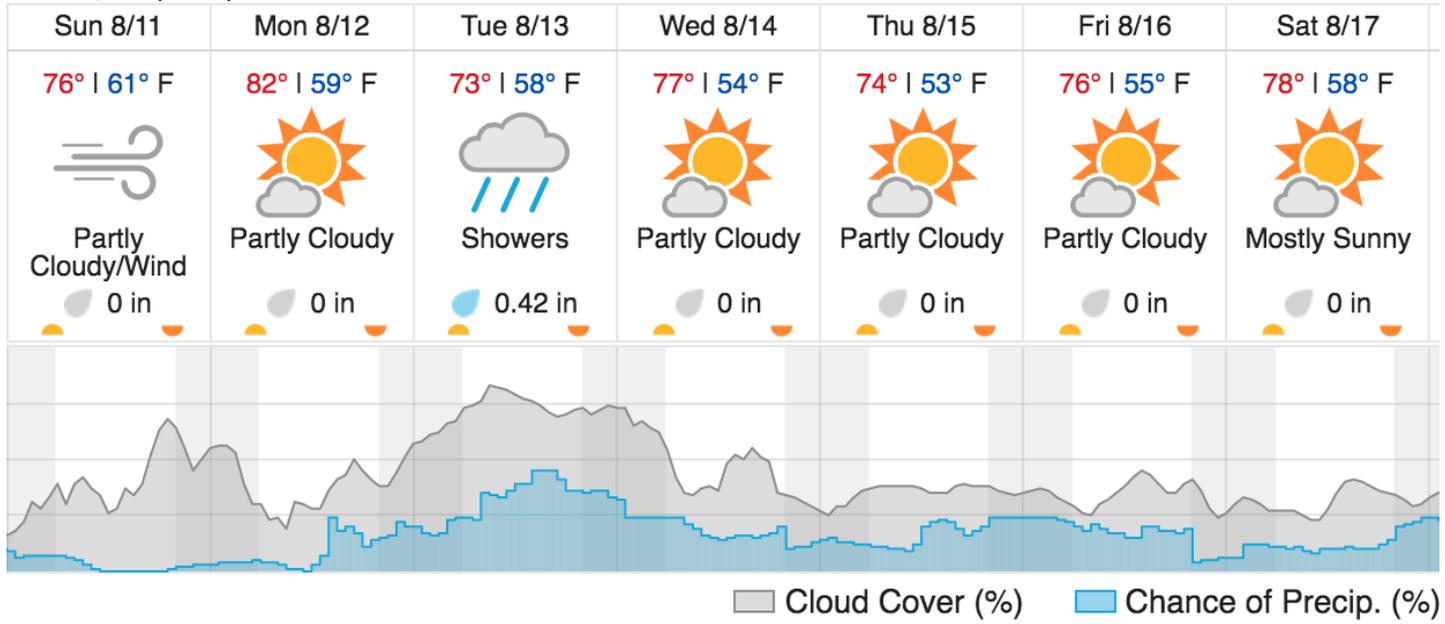
Flown: 0% (0/1)
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Weather Forecast

Petersham, MA (HARV)



Bartlett, NH (BART)



Flight Collection Plan for 11 August 2019

Flyority 1:

Collection Area: Harvard Forest – Priority 1 (HARV_P1)

Flight Plan Name: D01_HARV_C1_P1_v1.pln

On-station Time: 1340 UTC / 0940 L

Flyority 1:

Collection Area: Bartlett Experimental Forest (BART)

Flight Plan Name: D01_BART_R1_P1_v1.pln

On-station Time: 1340 UTC / 0940 L

Flyority 3:

Collection Area: Harvard Forest – Priority 2 (HARV_P3)

Flight Plan Name: D01_HARV_C1_P3_v1.pln

On-station Time: 1340 UTC / 0940 L

Crew: Matt DeVoe (Lidar), Mitch Haynes (NIS/GPS)