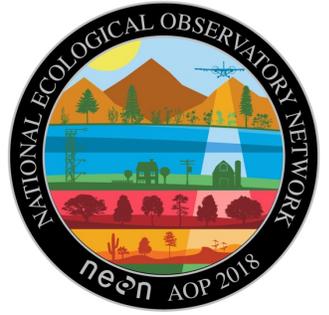




September 8, 2018 Payload 2 Daily Flight Report



Date: 2018-09-08
Flight Campaign ID: 2018_P2C1
Airport, FBO ID, City: Nashua Airport (KASH) - Nashua, NH

Domain: 01
Sites Flown: BART (Bartlett Experimental Forest)
Days left in Domain: 4

Report Author: Mitch Haynes
Flight Crew: Mitch Haynes, Abe Morrison
Ground/GPS: Michael Wussow
Pilots: Gina Moore, Mike Francis
Additional Personnel:
GPS Instruments: 05 - FBO_KASH, 06 - BART

Flight Hours: 03:50 + 01:57 = 05:47
Hours until maintenance: 111.15

Summary

The entirety of the Bartlett Experimental Forest flight box was collected today (with a fuel stop at KLCI) under high overcast, red conditions. Initial coverage over all D01 sites is now complete. Crew will only collect again if green conditions are present.

Concerns

Crew is aware and monitoring progress of Florence in the Atlantic and will modify next Thursday's scheduled transit down the east coast to Florida for D03 collects as needed.

Comments

- Robb Walker arrives in D01 today from Payload 3 in Tucson; Abe Morrison departs D01 tomorrow

Daily Coverage

D01 BART	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	15				✓	✓	✓	NLC
	16				✓	✓	✓	NLC

	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
	21				✓	✓	✓	NLC
	22				✓	✓	✓	NLC
	23				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
	26				✓	✓	✓	NLC
	27				✓	✓	✓	NLC
	28				✓	✓	✓	NLC
	29				✓	✓	✓	NLC
	30				✓	✓	✓	NLC
	31				✓	✓	✓	NLC
	32				✓	✓	✓	NLC
	33				✓	✓	✓	NLC
	34				✓	✓	✓	NLC
	35				✓	✓	✓	NLC
	36				✓	✓	✓	NLC
Flown:	36							

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: 100% (36/36)
 Green: 0% (0/36)
 Yellow: 0% (0/36)
 Red: 100% (36/36)

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: 100% (29/29)
 Green: 0% (0/29)
 Yellow: 45% (13/29)
 Red: 69% (20/29)

HARV_P3

1	2	3	4	5	6	7	8
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Flown: 100% (8/8)
 Green: 0% (0/8)
 Yellow: 0% (0/8)
 Red: 100% (8/8)

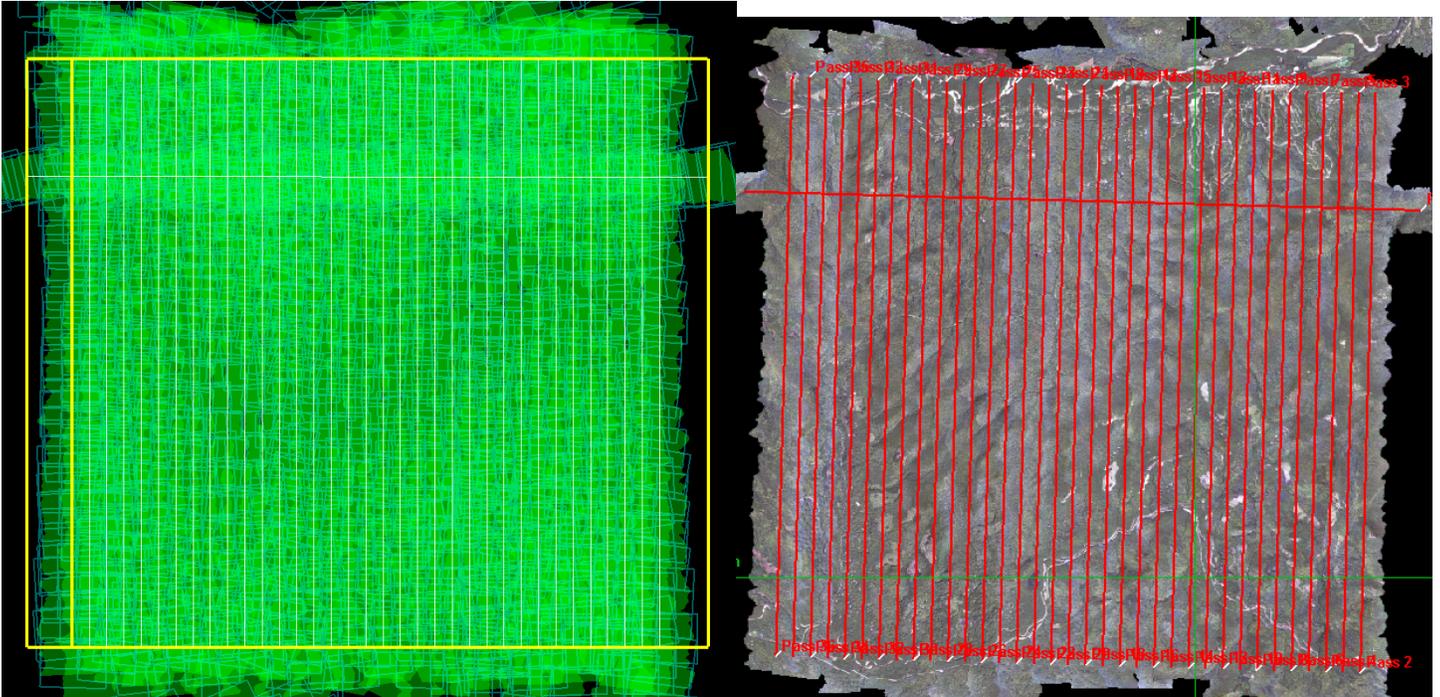
N01A

1

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

Flight Screenshots

Left: Lidar Screenshot of BART, Right: NIS Screenshot



Pictures



Above: Sky view upon arrival at the Bartlett flight box.



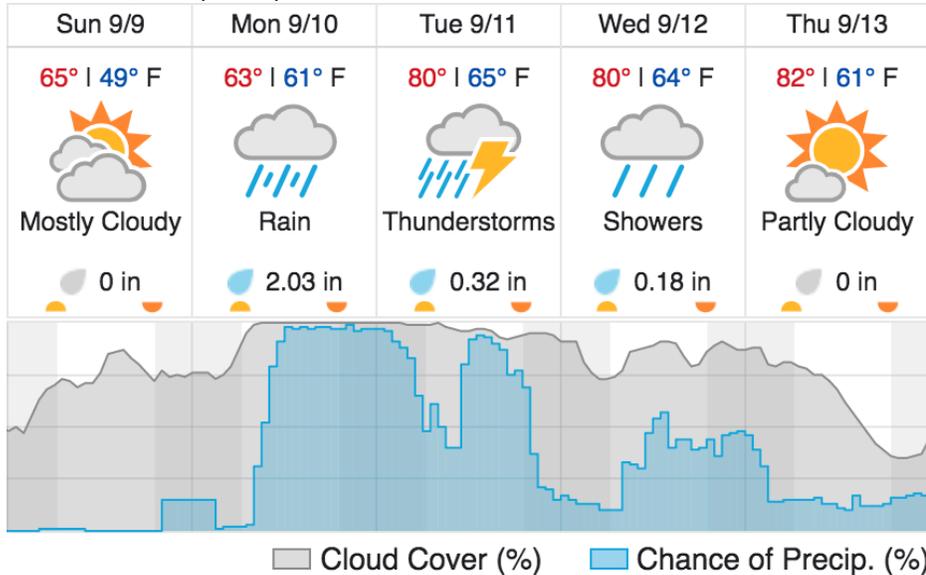
Above: Mount Chocorua (3490 ft)

Below: Mount Washington (6288 ft), the most topographically prominent peak east of the Mississippi

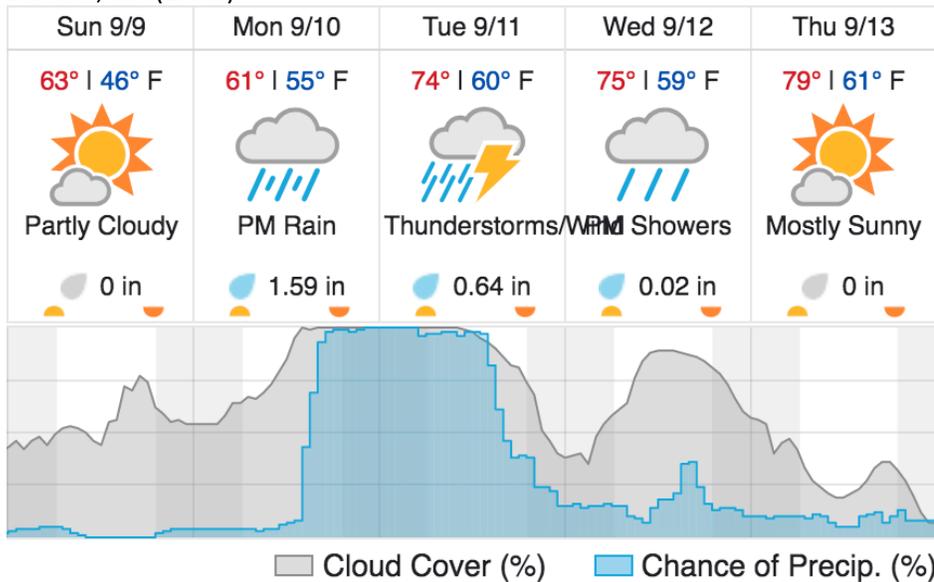


Weather Forecast

Petersham, MA (HARV)



Bartlett, NH (BART)



Flight Collection Plan for 09 Sept 2018

Flyority 1: **Only if conditions are green*

Collection Area: Harvard Forest – Priority 1 (HARV_P1)

Flight Plan Name: D01_HARV_C1_P1_v1.pln

On-station Time: 1420 UTC / 1020 L

Flyority 2: **Only if conditions are green*

Collection Area: Bartlett Experimental Forest (BART)

Flight Plan Name: D01_BART_R1_P1_v1.pln

On-station Time: 1420 UTC / 1020 L

Flyority 3: **Only if conditions are green*

Collection Area: Harvard Forest – Priority 2 (HARV_P3)

Flight Plan Name: D01_HARV_C1_P3_v1.pln

On-station Time: 1420 UTC / 1020 L

Crew: Michael Wussow (Lidar), Mitch Haynes (NIS), Robb Walker (Ground)