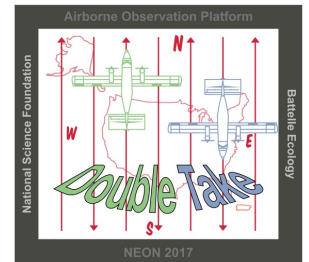




2017 P1C1 Daily Report



Flight Campaign ID: 2017_P1C1

FBO ID & City: Charlottesville Albemarle Airport
(KCHO) - Charlottesville, VA

Domain: 02

Sites Flown: SCBI

Days left in Domain: 20

Flight Hours: 04:07

Hours until maintenance: 64.30

Date: 2017-07-19

Report Author: David Gambino

Pilots: David Hanks, Jared Kadis

Flight Crew: David Gambino, Doug Cavender

Ground/GPS: Mitch Haynes

Additional Personnel: Cameron Chapman

GPS Instruments:

01 - FBO - KCHO, 02 - SCBI/BLAN

Summary:

Crew completed initial coverage of SCBI (yellow/red).

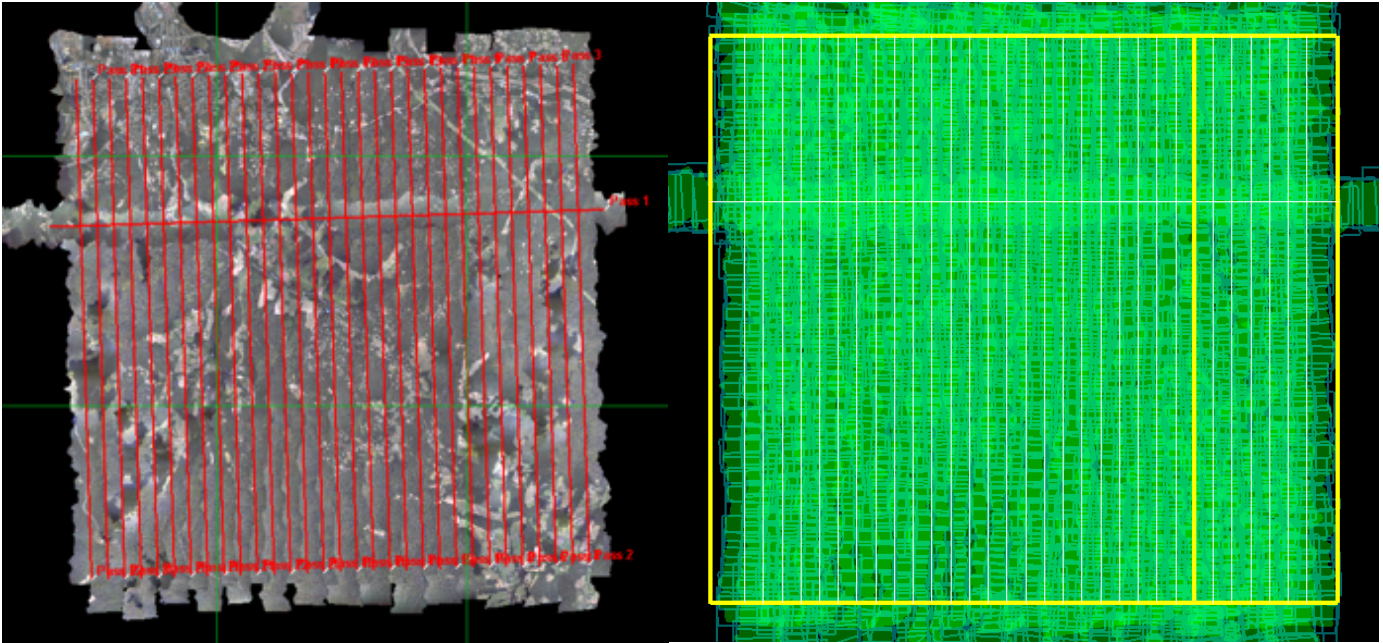
Issues/Concerns:

D-Ops auto-trigger produced image banding artifacts. The problem disappears when triggering the camera manually. Will continue to monitor/troubleshoot as needed.

Comments:

- Completed lines 9-27 (yellow) and 28-32, 1-8 (red) of SCBI
- GPS 01 was deployed at FBO
- Jared Kadis departs D02 tonight; Stephen Brawder will arrive (thanks for the work Jared)

NIS/Lidar Screenshot



Pictures:



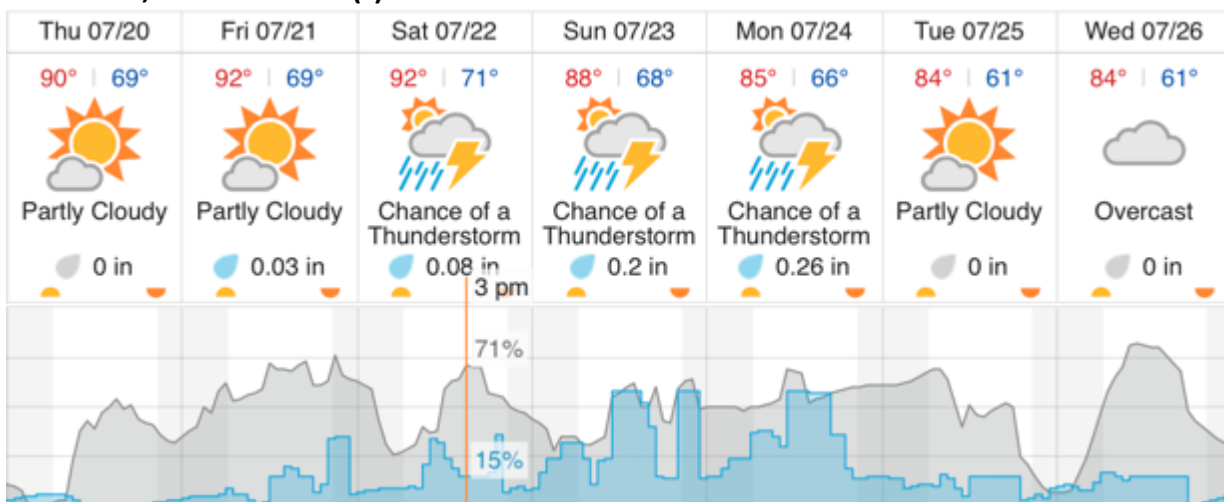
Above: Thick haze in vicinity of SCBI.

Below: Mitch Haynes observed the release of an eastern timber rattlesnake by the MLBS staff.

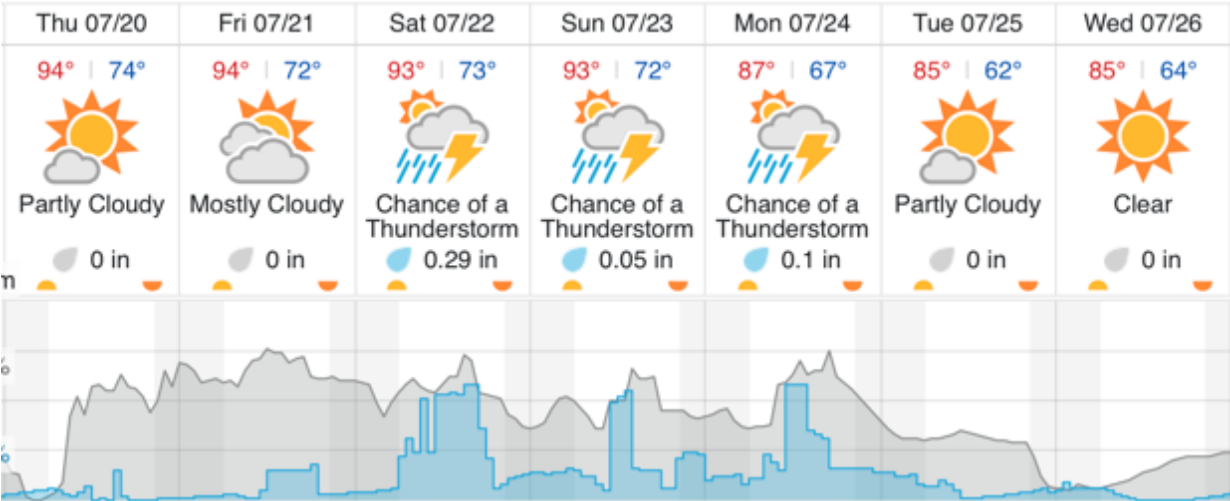


Weather Forecast

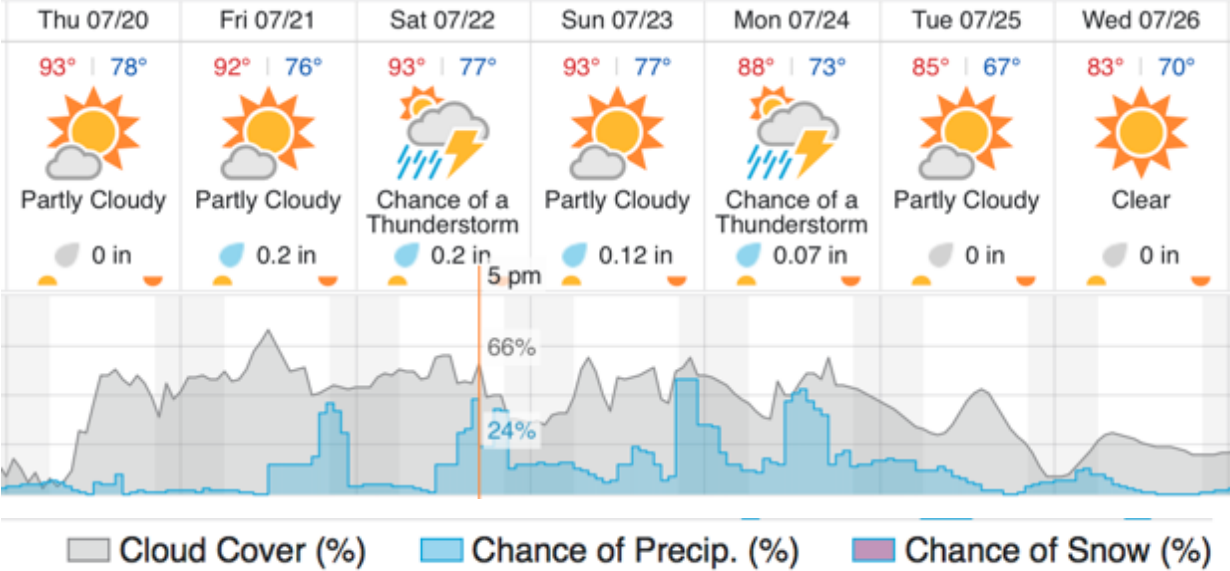
Pembroke, VA: Site(s) MLBS



Front Royal, VA Site(s) BLAN & SCBI



Londontowne, MD Site(s) SERC



Domain Coverage

D02 SCBI	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
Completed:	(0/32)							0.00%

Flight Collection Plan for 20 July 2017

Flyority 1:

Collection Area: Smithsonian Conservation Biology Institute (SCBI)

Flight Plan Name: D02_SCBI_C1_P1_v1.pln

On Station: 0950L / 1350 UTC

Flyority 2:

Collection Area: Mountain Lake Biological Station (MLBS)

Flight Plan Name: D07_MLBS_R2_P1_v5.pln

On Station: 0950L / 1350 UTC

Flyority 3:

Collection Area: Smithsonian Ecological Research Center (SERC)

Flight Plan Name: D02_SERC_R1_P1_v1.pln

On Station: 0940L / 1340 UTC

Flyority 4:

Collection Area: Blandy Experimental Farm (BLAN)

Flight Plan Name: D02_BLAN_R2_P1_v2.pln

On Station: 0950L / 1350 UTC

Crew:

Lidar: Cameron Chapman

NIS: David Gambino

Ground / GPS: Mitch Haynes / Doug Cavender

Flight Collection Plan for 21 July 2017

Flyority 1:

Collection Area: Smithsonian Conservation Biology Institute (SCBI)

Flight Plan Name: D02_SCBI_C1_P1_v1.pln

On Station: 0950L / 1350 UTC

Flyority 2:

Collection Area: Mountain Lake Biological Station (MLBS)

Flight Plan Name: D07_MLBS_R2_P1_v5.pln

On Station: 0950L / 1350 UTC

Flyority 3:

Collection Area: Smithsonian Ecological Research Center (SERC)

Flight Plan Name: D02_SERC_R1_P1_v1.pln

On Station: 0940L / 1340 UTC

Flyority 4:

Collection Area: Blandy Experimental Farm (BLAN)

Flight Plan Name: D02_BLAN_R2_P1_v2.pln

On Station: 0950L / 1350 UTC

Crew:

Lidar: Doug Cavender

NIS: Cameron Chapman

Ground / GPS: Mitch Haynes / David Gambino