



## 2017 P1C1 Daily Report



**Flight Campaign ID:** 2017\_P1C1

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

**Domain:** 07

**Sites Flown:** MLBS

**Days left in Domain:** 7

**Flight Hours:** 01:33

**Hours until maintenance:** 45.75

**Date:** 2017-08-03

**Report Author:** Heather Rogers

**Pilots:** David Hanks, Stephen Brawder

**Flight Crew:** Heather Rogers, Abe Morrison

**Ground/GPS:** David Gambino

**Additional Personnel:**

### **GPS Instruments:**

01 - FBO - KCHO, 09 - MLBS

**Summary:** Although it looked like green conditions from the weather reports, large cumulus clouds at survey altitude over MLBS prevented collection.

### **Issues/Concerns:**

- Crew tried running the engines longer and at higher RPM today before switching to survey power, which appears to have solved the problem. No loss of power to the racks today.
- Camera configuration files were updated on the ALTM-NAV post-flight. We will try running the camera automatically through ALTM-NAV on the next flight and monitor for "banding".

**Comments:** Collection at SERC for the 70 PRF plan was considered, but with mixed weather reports and webcams in the area showing some low clouds, it was decided against.

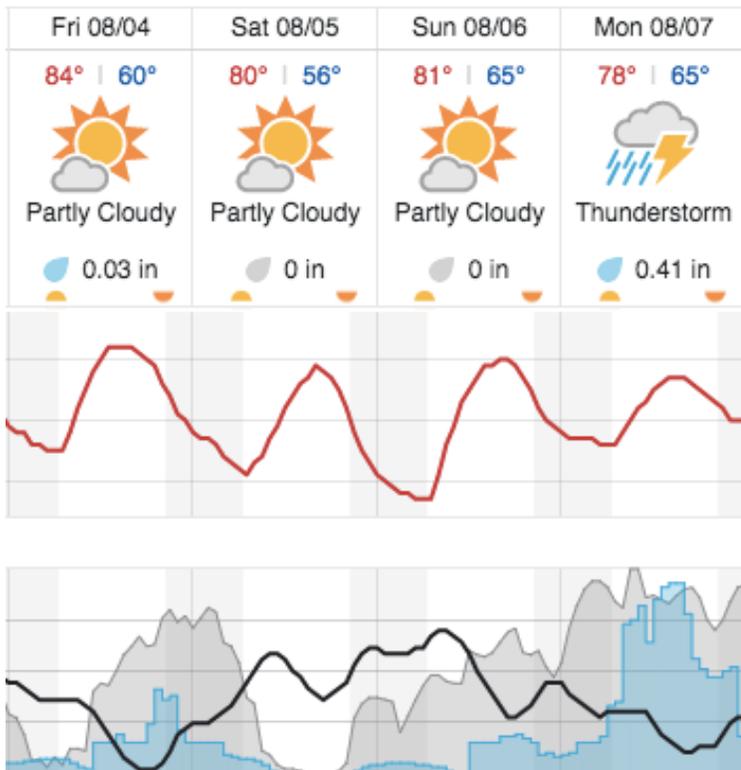
## Pictures



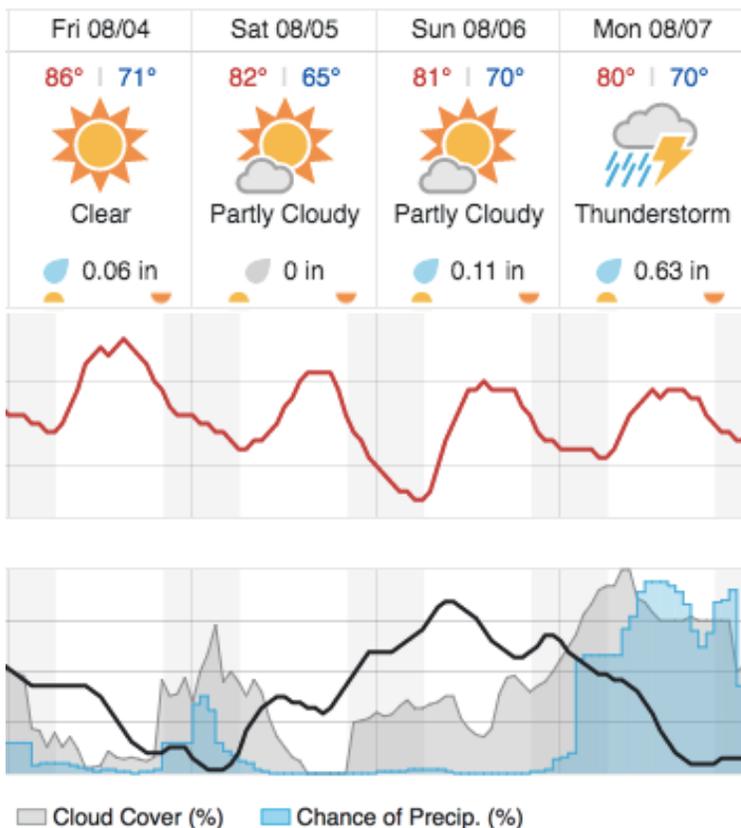
**Above:** *Cumulus clouds over MLBS site at survey altitude (photo credit: Abe Morrison)*

**Weather Forecast**

**Pembroke, VA**



**Londontowne, MD**



**Flight collection Plan for 04 and 05 August 2017:**

**Flyority 1:** Collection Area: Mountain Lake Biological Station (MLBS)

Flight Plan Name: D07\_MLBS\_R2\_P1\_v5.pln

On Station: 1000L / 1400 UTC

**Flyority 2:** Collection Area: Smithsonian Ecological Research Center (SERC – 70 PRF)

Flight Plan Name: D02\_SERC\_R1\_P1\_v1\_70PRF.pln

On Station: 0950L / 1350 UTC

**Crew:**

**August 04 2017**

Lidar: Abe Morrison

NIS: Heather Rogers

Ground / GPS: David Gambino

**August 05 2017**

Lidar: Heather Rogers

NIS: Abe Morrison

Ground / GPS: David Gambino