



## 2017 P1C1 Daily Report



**Flight Campaign ID:** 2017\_P1C1

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

**Domain:** 02

**Sites Flown:** SERC

**Days left in Domain:** 10

**Flight Hours:** 04:18

**Hours until maintenance:** 50.45

**Date:** 2017-07-31

**Report Author:** Heather Rogers

**Pilots:** David Hanks, Stephen Brawder

**Flight Crew:** Heather Rogers, David Gambino

**Ground/GPS:** Doug Cavender

**Additional Personnel:**

### **GPS Instruments:**

01 - FBO - KCHO, CORS - LOYF

**Summary:** Lines 18-2, including priority lines 13-18 over the airshed, were collected in green conditions. Lines 19-26 were collected in yellow conditions.

### **Issues/Concerns:**

- To mitigate camera banding, we are continuing with manual collection while divorcing ALTM-NAV from the camera controls.
- Power was lost to both racks while on survey power during the transition off of ground power. Instruments were restarted and a second POS hold was completed.

**Comments:** Thanks to our pilots who navigated restricted airspace without a hitch!



**Pictures:**



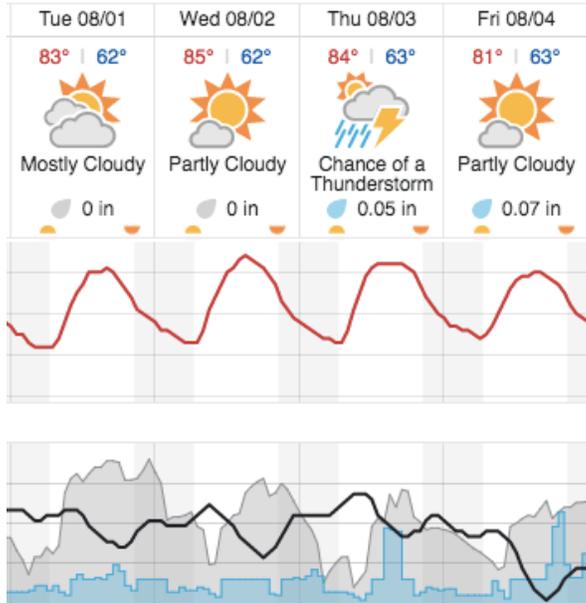
**Above:** *Chesapeake Bay. Sky view towards the middle/end of the collect.*

**Below:** *Sky view early in collect (Photo credit: David Gambino)*

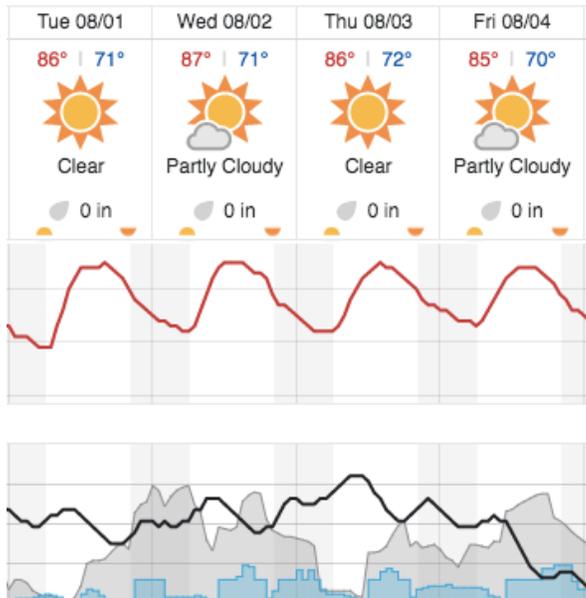


## Weather Forecast

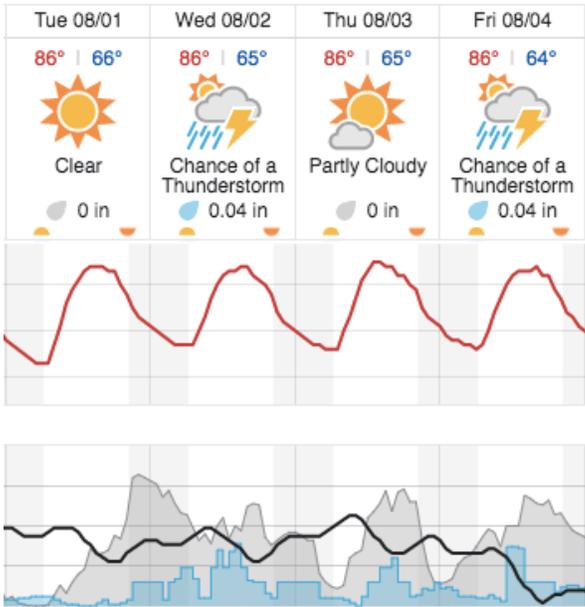
### Pembroke, VA



### Londontowne, MD



### Front Royal, VA



**Flight collection Plan for 01 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: Blandy Experimental Farm (BLAN – collect remaining lines)

Flight Plan Name: D02\_BLAN\_R2\_P1\_v2.pln

On Station: 0950L / 1350 UTC

**Flyority 3:** 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 01 2017**

Lidar: David Gambino

NIS: Heather Rogers

Ground / GPS: Doug Cavender

**August 02**

Crew Rotation Day