



2017 P1C1 Daily Report



Flight Campaign ID: 2017_P1C1

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

Domain: 02

Sites Flown: BLAN

Days left in Domain: 12

Flight Hours: 0

Hours until maintenance: 61.40

Date: 2017-07-28

Report Author: David Gambino

Pilots: David Hanks, Stephen Brawder

Flight Crew: Heather Rogers, David Gambino

Ground/GPS: Doug Cavender

Additional Personnel: n/a

GPS Instruments: none

Summary: Rain, flash floods and scattered thunderstorms blanketed Virginia today and prevented flights. We expect a few clear days once the system passes through this weekend.

Issues/Concerns: POS files from yesterday's test collection passed QA checks (sbet generated). We'll keep an eye on POSAV next collect for dropped satellites and/or bad IMU frames. For now, the previous IMU anomaly appears isolated.

Camera images are still corrupted by "banding" artifacts. A sample image was sent to Bill Gallery. We will continue to monitor the issue.

Comments:

- GPS 02 (SCBI/BLAN) battery was changed yesterday

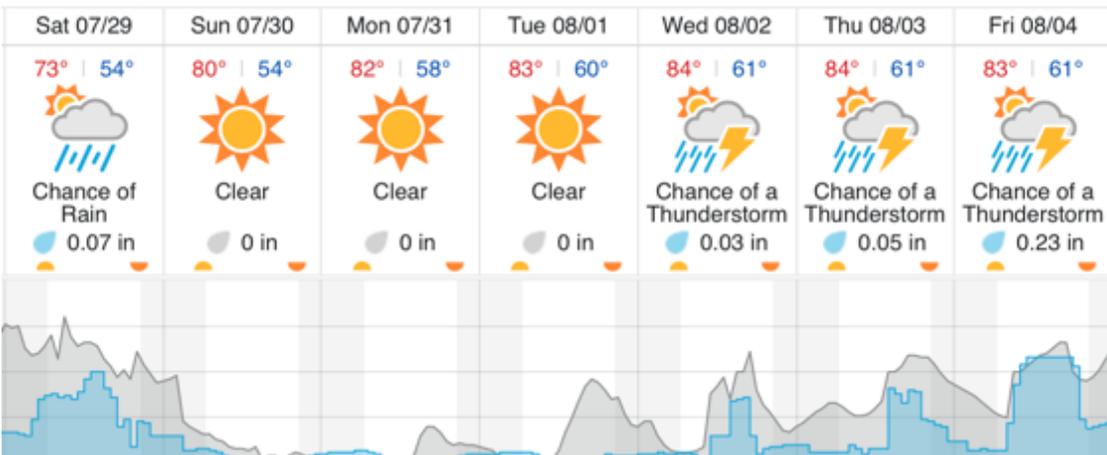
Pictures:



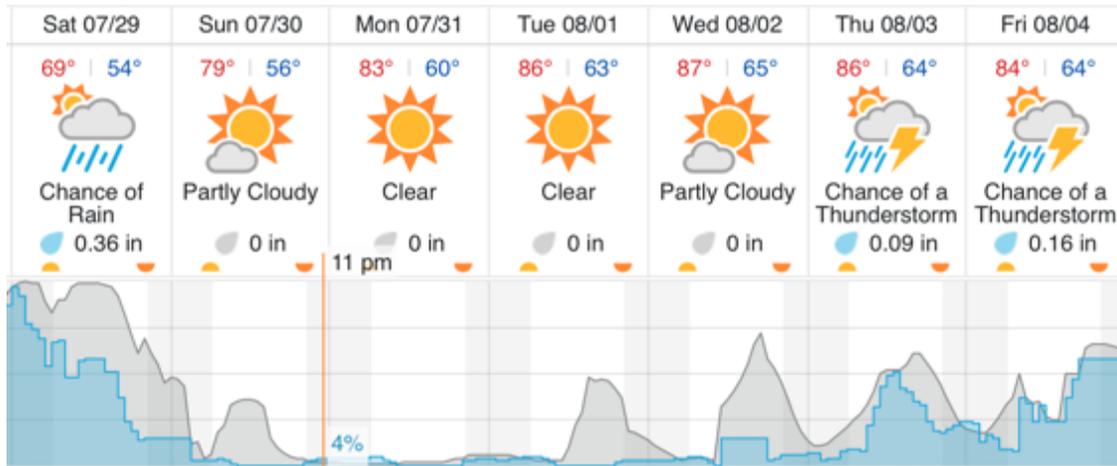
Weather Forecast:

Pembroke, VA

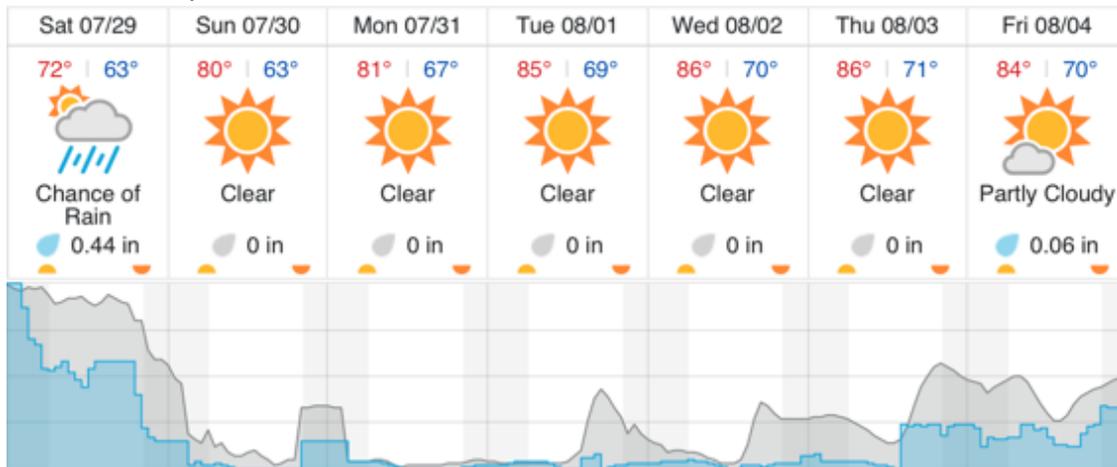
Site: MLBS



Front Royal, VA Sites: BLAN/SCBI



Londontowne, MD Site: SERC



Cloud Cover (%)
 Chance of Precip. (%)

Flight collection Plan for 29 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: 1000L / 1400 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: Heather Rogers

NIS: David Gambino

Ground / GPS: Doug Cavender

Flight collection Plan for 30 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: 1000L / 1400 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: David Gambino

NIS: Heather Rogers

Ground / GPS: Doug Cavender