Date: 2018-05-16
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC

Domain: 07
Sites Flown: None
Days left in Domain: 31

Report Author: Cameron Chapman
Flight Crew: Cameron Chapman
Ground/GPS: Ivana Vu, John Adler
Pilots: Mike Francis, Paul Muth
Additional Personnel: none
GPS Instruments: 09 - FBO_KAVL, C-TN16, TDOT-TN1A

Flight Hours: 00:00
Hours until maintenance: 125.00

Summary: Aircraft maintenance started today and is expected to be completed tomorrow (pending parts which were shipped today). The pilots will conduct a functional check flight when weather permits. The system will be restarted tomorrow after maintenance has been completed and the crew will re-integrate the camera into the payload.

Concerns: None.
Comments:
- The camera has arrived in D07 and will be re-integrated upon maintenance completion
- Ivana and John deployed AOP GPS 07 at MLBS

Flight Screenshots: None
Pictures: None

Daily Coverage: n/a

Cumulative Domain Coverage

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Green: 0% (0/106)
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**Green:** 0% (0/68)
**Yellow:** 0% (0/68)
**Red:** 0% (0/68)

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**Green:** 0% (0/34)
**Yellow:** 0% (0/34)
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**Flown:** 100% (61/61)
**Green:** 25% (15/61)
**Yellow:** 61% (37/61)
**Red:** 18% (11/61)

### Weather Forecast:

**Asheville, NC**

- **Wed 5/16:** 74° | 61° F  
  Thunderstorms  
  0.58 in
- **Thu 5/17:** 74° | 62° F  
  Thunderstorms  
  0.44 in
- **Fri 5/18:** 75° | 61° F  
  Thunderstorms  
  0.26 in
- **Sat 5/19:** 76° | 62° F  
  Thunderstorms  
  0.15 in
- **Sun 5/20:** 78° | 61° F  
  Scattered Thunderstorms  
  0.19 in
- **Mon 5/21:** 78° | 60° F  
  Scattered Thunderstorms  
  0.36 in
- **Tue 5/22:** 79° | 60° F  
  Scattered Thunderstorms  
  0.17 in
- **Wed 5/23:** 80° | 60° F  
  Scattered Thunderstorms  
  0.33 in
- **Thu 5/24:** 81° | 61° F  
  Partly Cloudy  
  0.08 in
Flight Collection Plan for 17 – 18 May 2018
Maintenance

Flight Collection Plan for 19 May 2018:

Flyority 1:
Collection Area: Oak Ridge National Laboratory (ORNL) if Green conditions.
Flight Plan Name: D07_ORNL_C1_P1_v10_east_Q780 / D07_ORNL_C1_P1_v10_west_Q780
On-station Time: 1400 UTC / 1000 L
Crew: Cameron Chapman (lidar), Ivana Vu (nis), Abe Morrison (ground)

Flyority 2:
Collection Area: Great Smoky Mountains National Park – Priority 1 Flight Box (GRSM_P1)
Flight Plan Name: D07_GRSM_R2_P1_v2_Q780
On-station Time: 1400 UTC / 1000 L

Flyority 3:
Collection Area: Great Smoky Mountains National Park – Priority 2 Flight Box (GRSM_P2)
Flight Plan Name: D07_GRSM_R2_P2_v2_east_Q780 / D07_GRSM_R2_P2_v2_west_Q780
On-station Time: 1400 UTC / 1000 L

Starting 25 May 2018
Flyority 1:
Collection Area: Mountain Lake Biological Station (MLBS)
Flight Plan Name: D07_MLBS_R1_P1_v6_Q780
On-station Time: 1340 UTC / 0940 L