Date: 2018-05-19
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC

Domain: 07
Sites Flewn: None
Days left in Domain: 28

Report Author: Cameron Chapman
Flight Crew: Cameron Chapman, Robb Walker
Ground/GPS: Abe Morrison
Pilots: Mike Francis, Paul Muth
Additional Personnel: none
GPS Instruments: 09 - FBO_KAVL, 07- AOP_MLBS, 08-AOP_GRSM, C-TN16, TDOT-TN1A

Summary: Rain and thunderstorms in the region prevented flights at all collection areas.

Concerns: None.

Comments:
- Abe and Robb continued camera testing in conjunction with the AOP Lab to troubleshoot a camera issue
- The payload is pumped down, cooled and ready for flight

Flight Screenshots: None

Pictures: None

Daily Coverage: n/a

Cumulative Domain Coverage

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Yellow: 0% (0/106)
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Weather Forecast:

Asheville, NC (FBO)

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Oak Ridge, TN (ORNL)

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Flight Collection Plan for 20 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

**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

**Crew:** Abe Morrison (lidar), Cameron Chapman (nis), Robb Walker (ground)
Flight Collection Plan for 21 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

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

Robb Walker (lidar), Abe Morrison (nis), Cameron Chapman (ground)

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