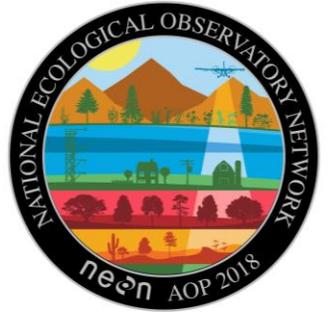




May 20, 2018 Payload 3 Daily Flight Report



**Date:** 2018-05-20  
**Flight Campaign ID:** 2018\_P3C1  
**Airport, FBO ID, City:** Asheville Regional Airport (KAVL) - Fletcher, NC

**Domain:** 07  
**Sites Flown:** None  
**Days left in Domain:** 27

**Report Author:** Abe Morrison  
**Flight Crew:** Abe Morrison, Cameron Chapman  
**Ground/GPS:** Robb Walker  
**Pilots:** Mike Francis, Hans German  
**Additional Personnel:** none  
**GPS Instruments:** 09 - FBO\_KAVL, 07- AOP\_MLBS, 08-AOP\_GRSM, C-TN16, TDOT-TN1A

**Flight Hours:** 00:00  
**Hours until maintenance:** 125.00

**Summary:** Low clouds and scattered thunder storms around the area prevented flights today.

**Concerns:** None.

**Comments:**

- The crew continued testing a camera issue in conjunction with the AOP Lab and believe we have a potential resolution but will keep on top of the issue.
- The getter was reactivated today.
- Pilot Paul Muth rotated out and Hans German took over for him.

**Cumulative Domain Coverage**

**GRSM\_P1**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106														

Flown: 0% (0/106)  
 Green: 0% (0/106)  
 Yellow: 0% (0/106)  
 Red: 0% (0/106)

**GRSM\_P2**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68												

Flown: 0% (0/68)  
 Green: 0% (0/68)  
 Yellow: 0% (0/68)  
 Red: 0% (0/68)

**MLBS**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34						

Flown: 0% (0/34)  
 Green: 0% (0/34)  
 Yellow: 0% (0/34)  
 Red: 0% (0/34)

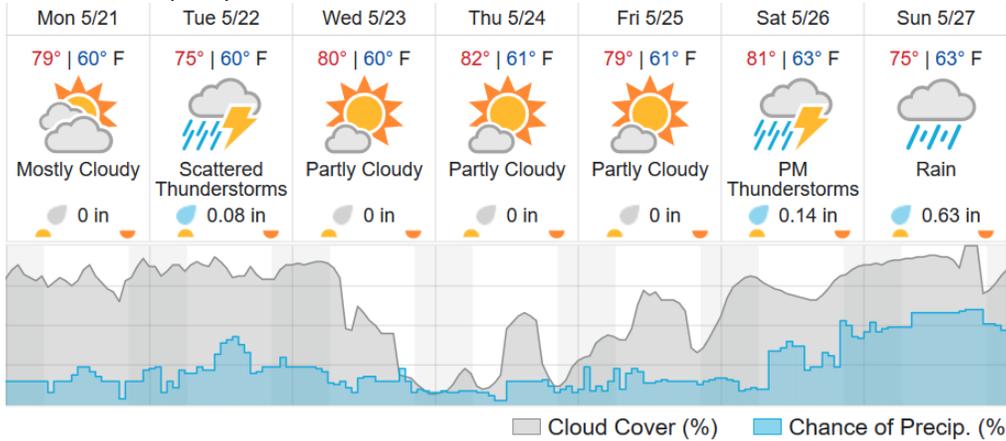
**ORNL**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61																			

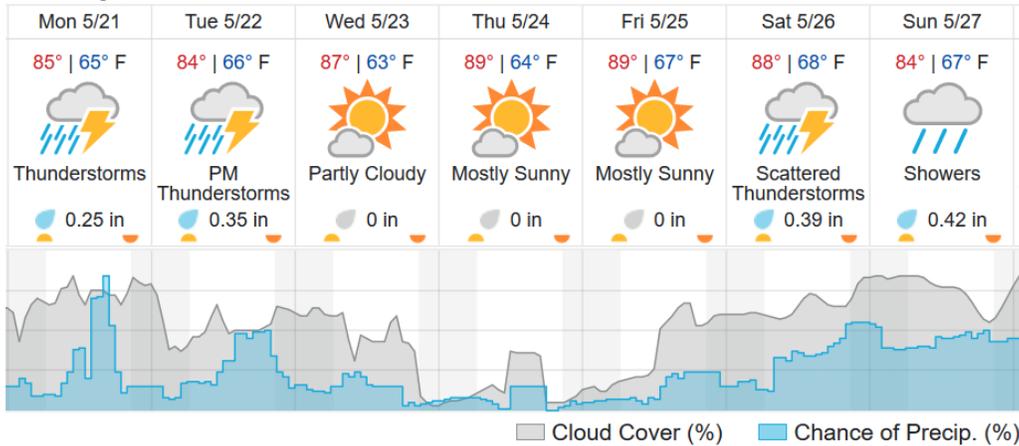
Flown: 100% (61/61)  
 Green: 25% (15/61)  
 Yellow: 61% (37/61)  
 Red: 18% (11/61)

**Weather Forecast:**

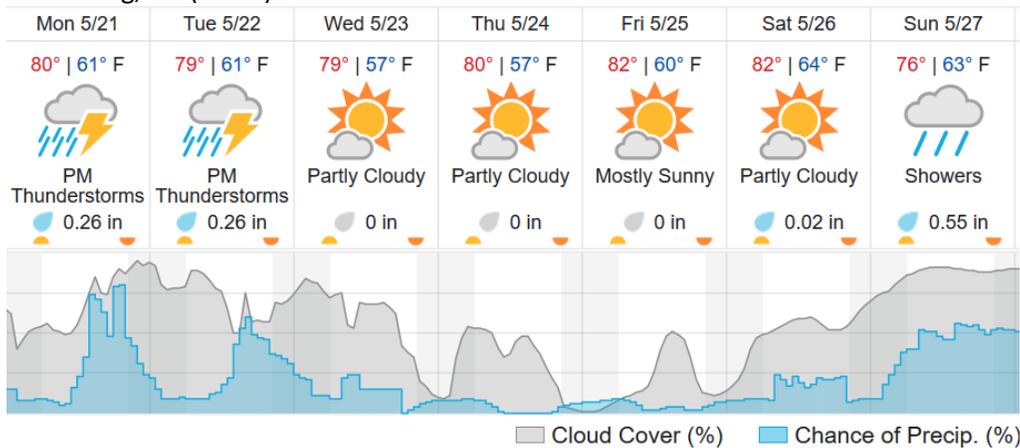
**Asheville, NC (FBO)**



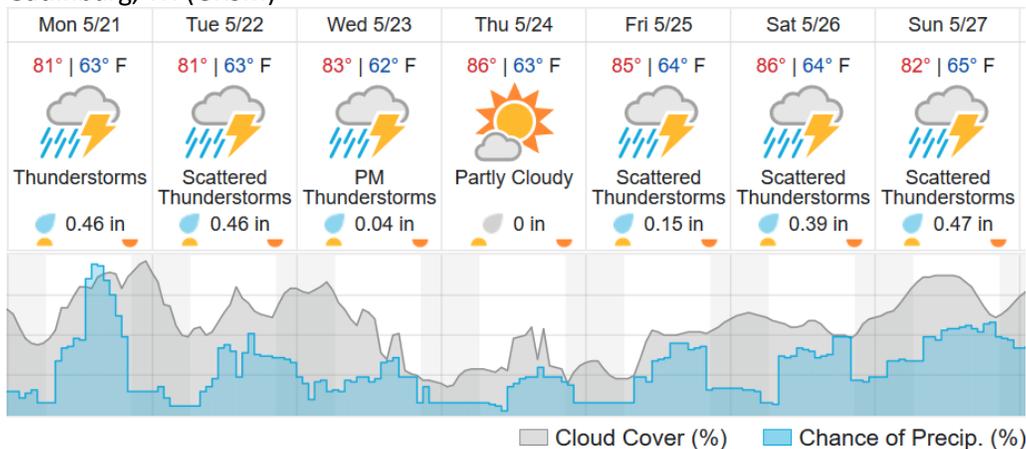
**Oak Ridge, TN (ORNL)**



## Blacksburg, VA (MLBS)



## Gatlinburg, TN (GRSM)



## 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)

## **Flight Collection Plan for 22 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

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