



## May 29, 2018 Payload 3 Daily Flight Report



**Date:** 2018-05-29

**Flight Campaign ID:** 2018\_P3C1

**Airport, FBO ID, City:** Asheville Regional Airport (KAVL) - Fletcher, NC

**Domain:** 07

**Sites Flown:** N/A

**Days left in Domain:** 18

**Report Author:** Robb Walker

**Flight Crew:** Robb Walker, Ivana Vu

**Ground/GPS:** Abe Morrison

**Pilots:** Mike Francis, Hans Germann

**Additional Personnel:**

**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

No flights today due to heavy rain showers and low clouds. Tropical Storm Alberto continues to move North and bring more rain to Western North Carolina and Tennessee.

### Concerns

- The FPIE PSU and FPIE box are at JPL being repaired. The crew is eagerly awaiting their return to continue science flights.
- Flash flood warnings for the region continue as more rain falls.

### Comments

- GRSM base station was visited today to swap battery and trim grass and vegetation from GPS and solar panel.

### Pictures



GRSM Base Station



Chimney Tops obscured by low clouds at GRSM

### 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)

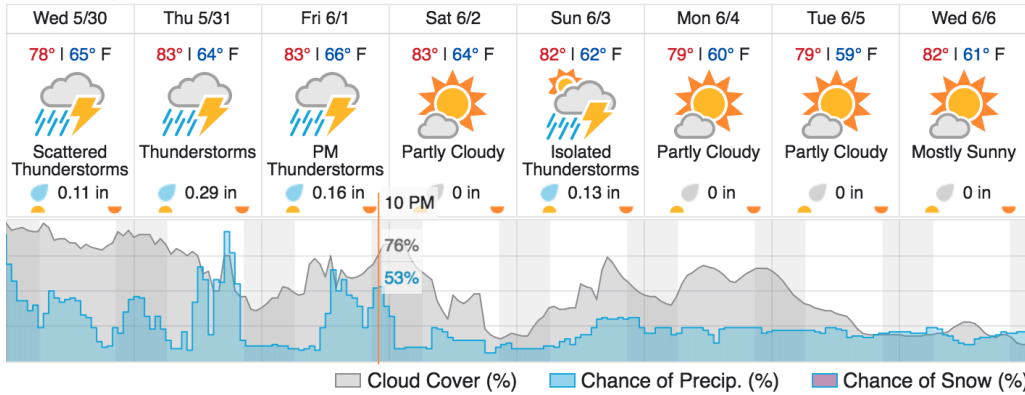
**ORNL**

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																			

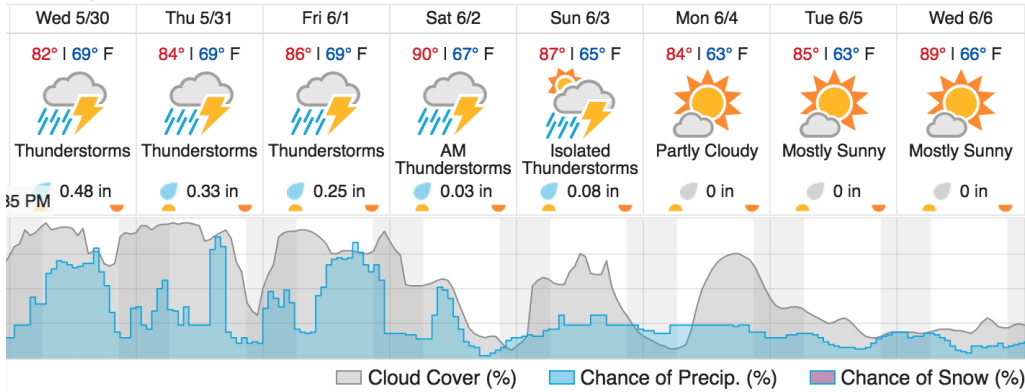
Flown: 100% (61/61)  
 Green: 25% (15/61)  
 Yellow: 61% (37/61)  
 Red: 18% (11/61)

**Weather Forecast**

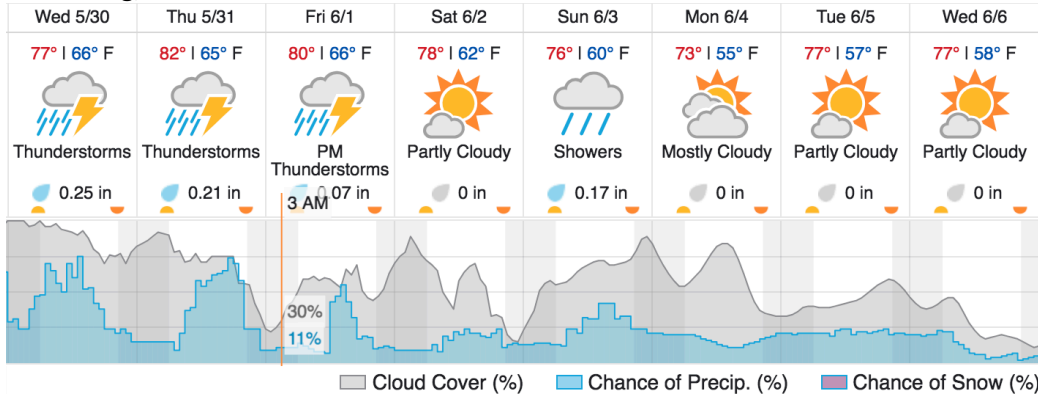
**Asheville, NC**



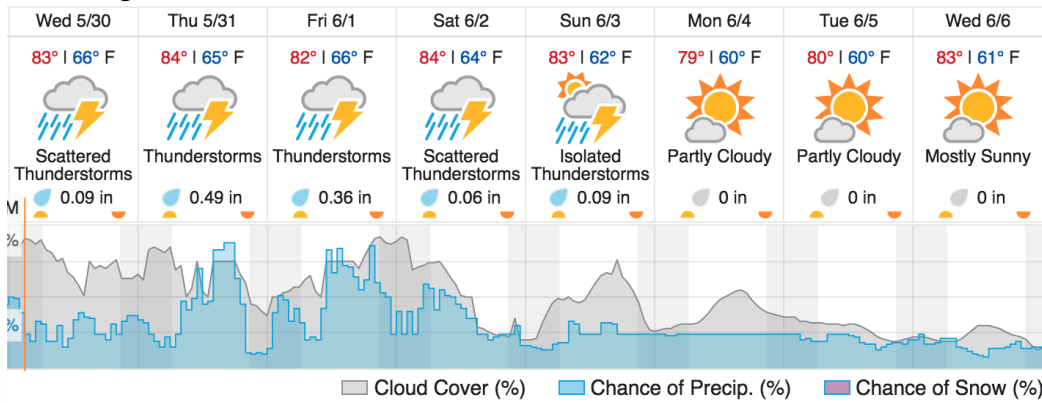
**Oakridge, TN**



**Blacksburg, VA**



## Gatlinburg, TN



### Flight Collection Plan for 30 May 2018:

#### **Flyority 1:**

Collection Area: Camera Boresight at GRSM

Flight Plan Name: D07\_B07A\_Cam\_Boresight\_v2\_Q780

On-station Time: 1400 UTC / 1000 L

#### **Flyority 2:**

Collection Area: Nominal Forest Survey at GRSM

Flight Plan Name: D01\_J07B\_Nominal\_Forest\_Survey\_v2

On-station Time: 1400 UTC / 1000 L

**Crew:** Abe Morrison (Lidar), Robb Walker (NIS), Ivana Vu (Ground/GPS)

### Flight Collection Plan for 31 May 2018:

#### **Flyority 1:**

Collection Area: Camera Boresight at GRSM

Flight Plan Name: D07\_B07A\_Cam\_Boresight\_v2\_Q780

On-station Time: 1400 UTC / 1000 L

#### **Flyority 2:**

Collection Area: Nominal Forest Survey at GRSM

Flight Plan Name: D01\_J07B\_Nominal\_Forest\_Survey\_v2

On-station Time: 1400 UTC / 1000 L

**Crew:** Ivana Vu (Lidar), Abe Morrison (NIS), Robb Walker (Ground/GPS)