



June 1, 2018 Payload 3 Daily Flight Report



**Date:** 2018-06-01  
**Flight Campaign ID:** 2018\_P3C1  
**Airport, FBO ID, City:** Asheville Regional Airport (KAVL) - Fletcher, NC

**Domain:** 07  
**Sites Flown:** None  
**Days left in Domain:** 15

**Report Author:** Robb Walker  
**Flight Crew:** Robb Walker, Ivana Vu  
**Ground/GPS:** Abe Morrison  
**Pilots:** Mike Francis, Hans Germann  
**Additional Personnel:**  
**GPS Instruments:** None

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

**Summary**

Low clouds and showers at GRSM and vicinity of Asheville prevented flights today.

**Concerns**

Science Flights will continue when the NIS issue is resolved. The FPIE PSU, FPIE box and cables were reported functional with spare FPA. JPL continues to investigate DCC as possible cause.

**Comments**

Sample data from NIS uploaded for JPL to review.

**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)

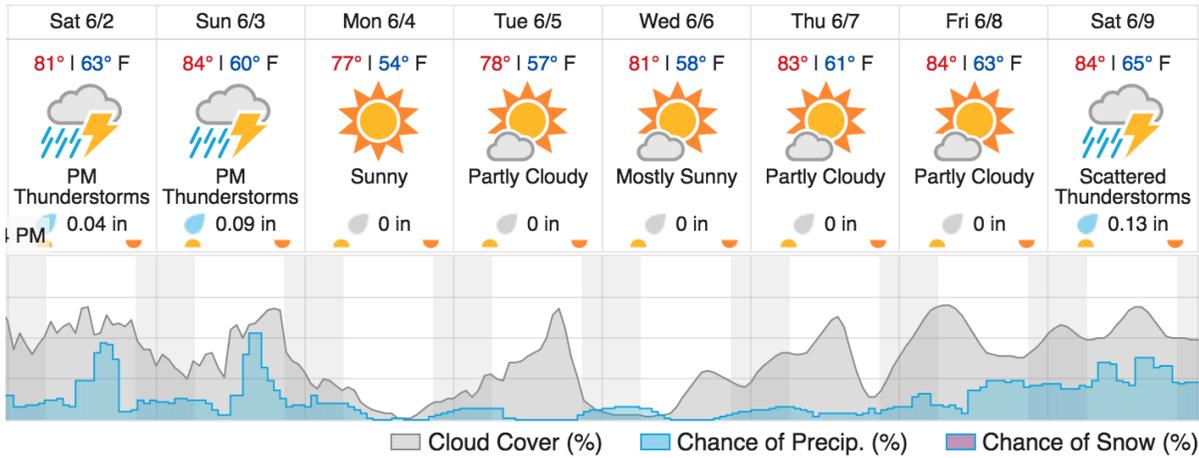
**ORNL**

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																			

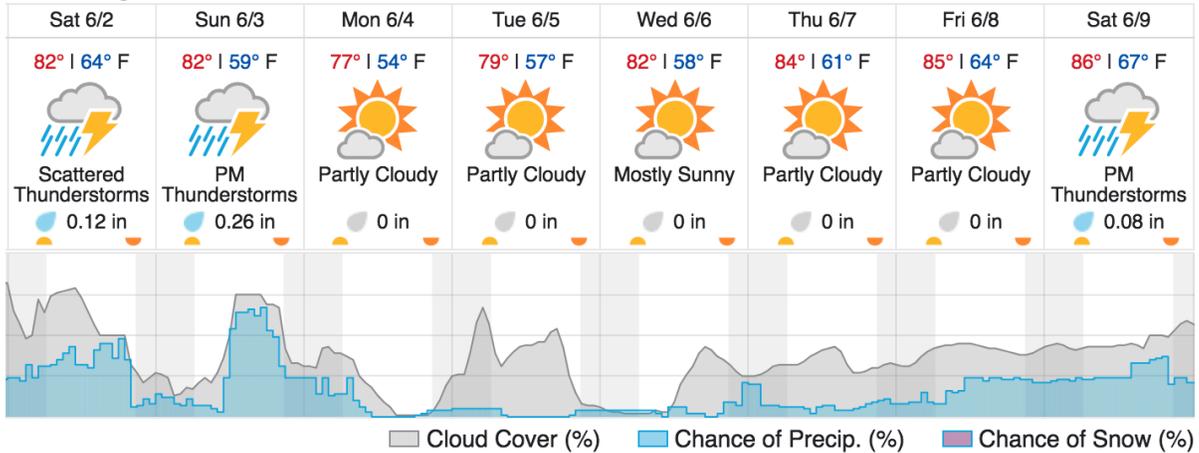
Flown: 100% (61/61)  
 Green: 25% (15/61)  
 Yellow: 61% (37/61)  
 Red: 18% (11/61)

**Weather Forecast**

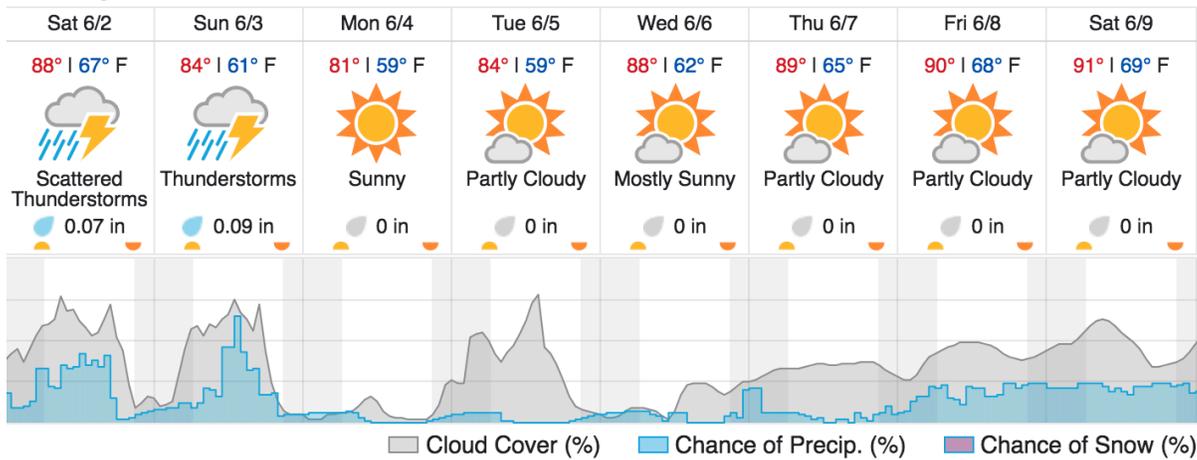
Asheville, NC



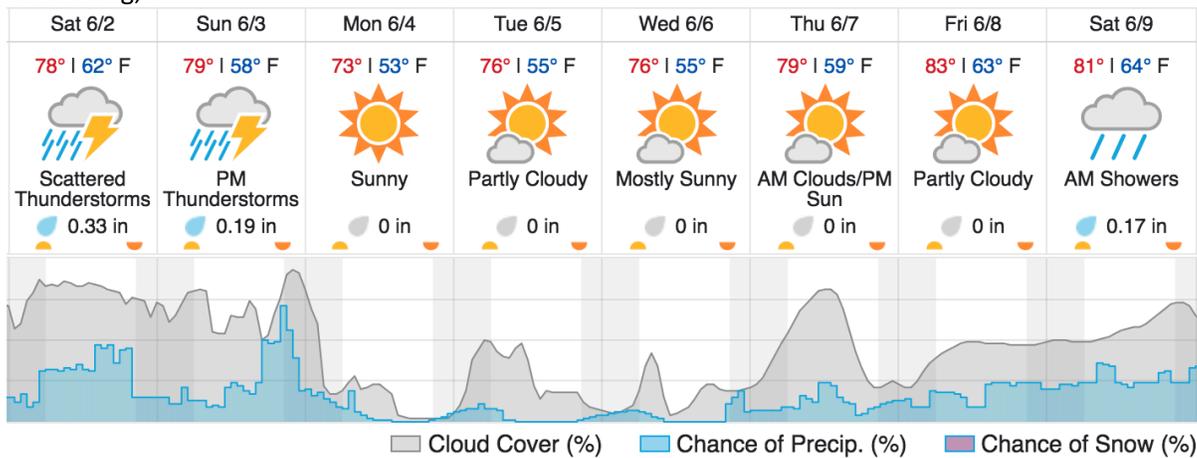
Gatlinburg, TN



## Oak Ridge, TN



## Blacksburg, VA



### Flight Collection Plan for 02 June 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)

### Flight Collection Plan for 03 June 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)