



May 28, 2018 Payload 3 Daily Flight Report



Date: 2018-05-28

Flight Campaign ID: 2018_P3C1

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

Domain: 07

Sites Flown: None

Days left in Domain: 19

Report Author: Ivana Vu

Flight Crew: Ivana Vu, Abe Morrison

Ground/GPS: Robb Walker

Pilots: Hans Germann, Mike Francis

Additional Personnel: None

GPS Instruments: None

Flight Hours: 00:00

Hours until maintenance: 125.00

Summary

No flights were attempted due to heavy rain showers. Subtropical storm Alberto made landfall and is expected to bring more rain to Western North Carolina these next few days.

Concerns

- The FPIE PSU and FPIE box are at JPL being repaired. The crew is eagerly awaiting their return to continue science flights.
- The National Weather Service has issued a flash flood warning until Wednesday night as subtropical storm Alberto moves north through the region.

Comments

None

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)

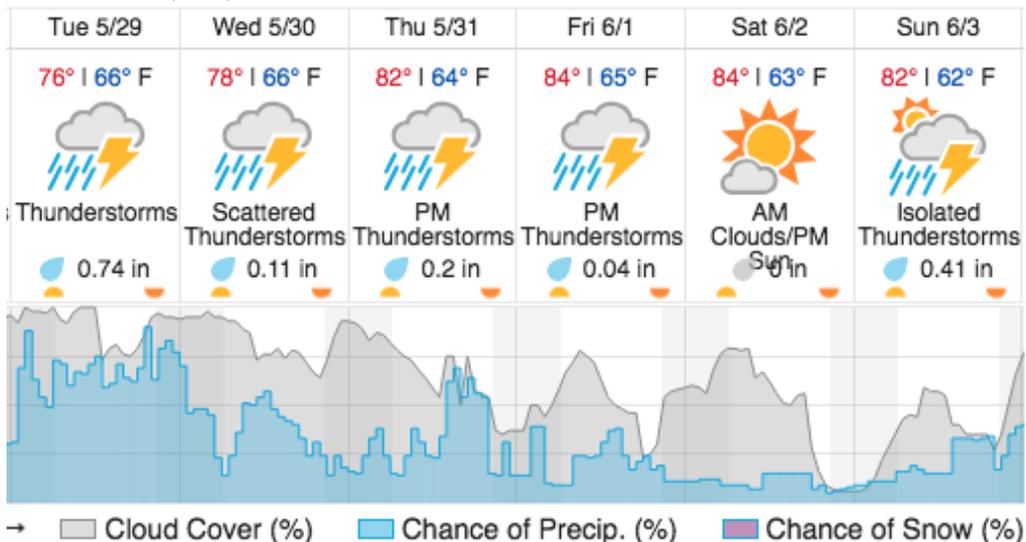
ORNL

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																			

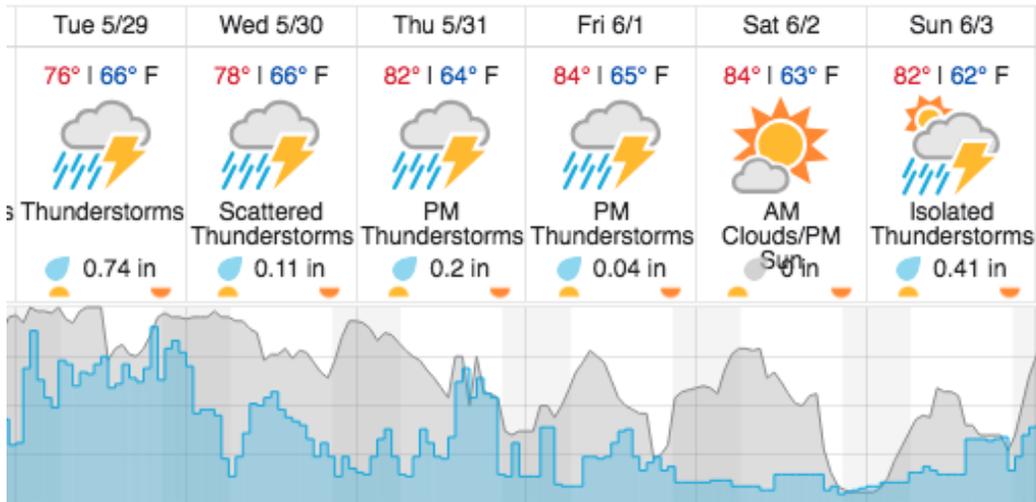
Flown: 100% (61/61)
 Green: 25% (15/61)
 Yellow: 61% (37/61)
 Red: 18% (11/61)

Weather Forecast

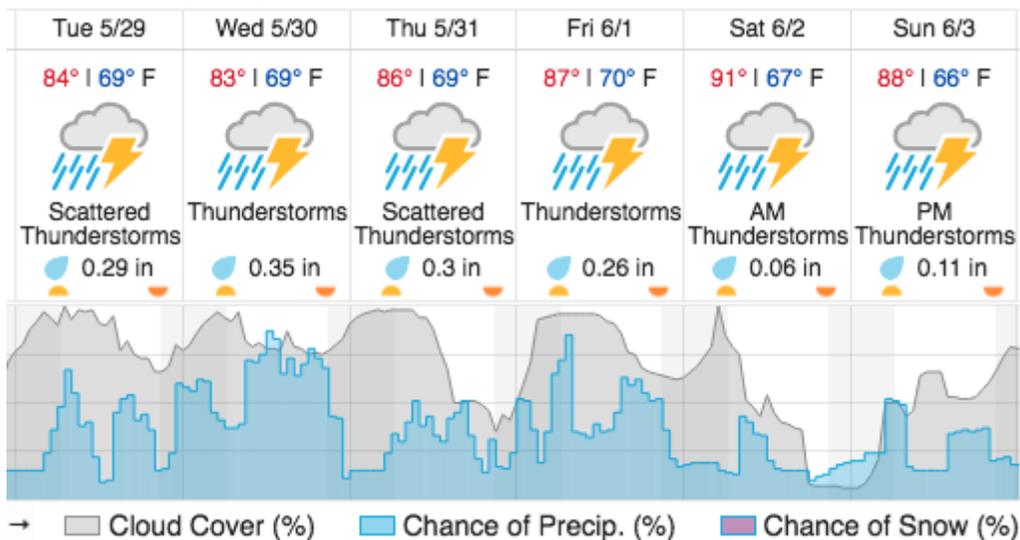
Asheville, NC (FBO)



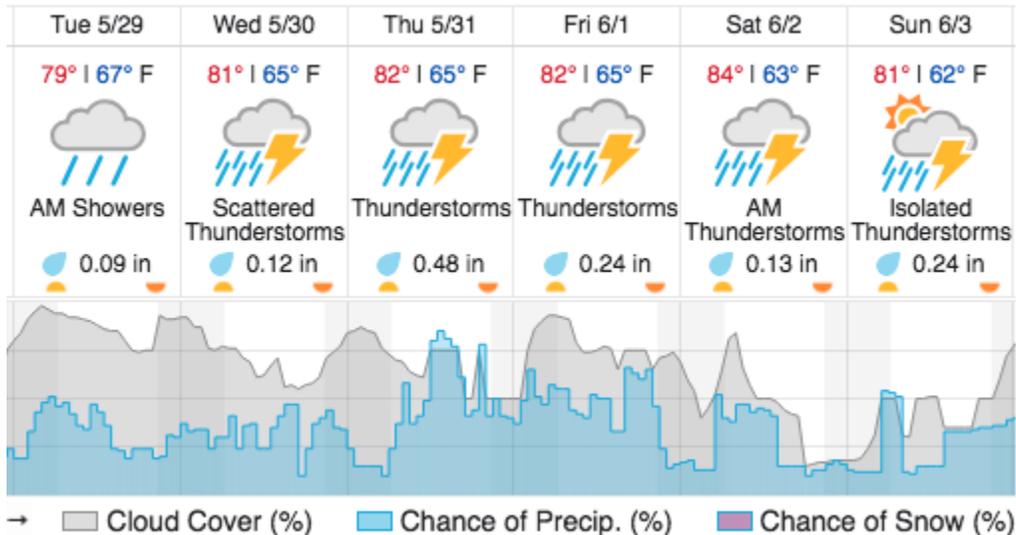
Oak Ridge, TN (ORNL)



Pembroke, VA (MLBS)



Gatlinburg, TN (GRSM)



Flight Collection Plan for 29 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: Robb Walker (Lidar), Ivana Vu (NIS), Abe Morrison (Ground/GPS)

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)