



May 27, 2018 Payload 3 Daily Flight Report



Date: 2018-05-27

Flight Campaign ID: 2018_P3C1

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

Domain: 07

Sites Flown:

Days left in Domain: 20

Report Author: Abe Morrison

Flight Crew: Abe Morrison, Robb Walker

Flight Hours: 00:00

Ground/GPS:

Hours until maintenance: 125.00

Pilots: Mike Francis, Hans Germann

Additional Personnel:

GPS Instruments: 09 - FBO_KAVL, 07- AOP_MLBS, 08-AOP_GRSM, C-TN16, TDOT-TN1A

Summary

Low clouds and scattered rain showers around the area prevented flights today.

Concerns

-The FPIE PSU and FPIE box are at JPL being repaired. The crew is eagerly awaiting their return to continue science flights.

-The crew is monitoring Tropical storm Alberto as it moves toward to southern states. It is expected to bring this region some more un-needed rain.

Comments

-Ivana Vu rotates in today.

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)

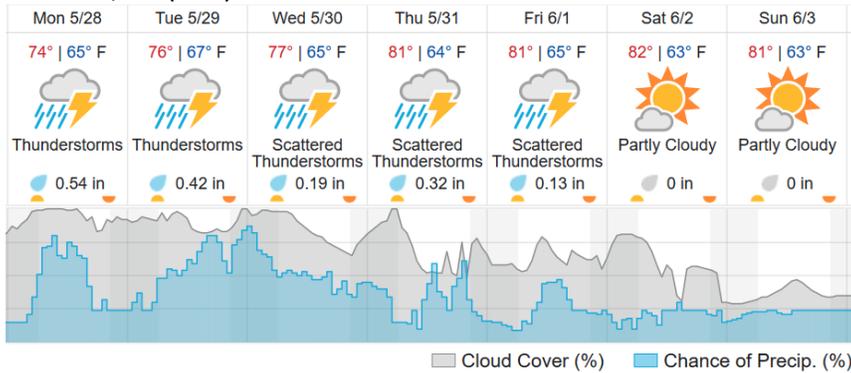
ORNL

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																			

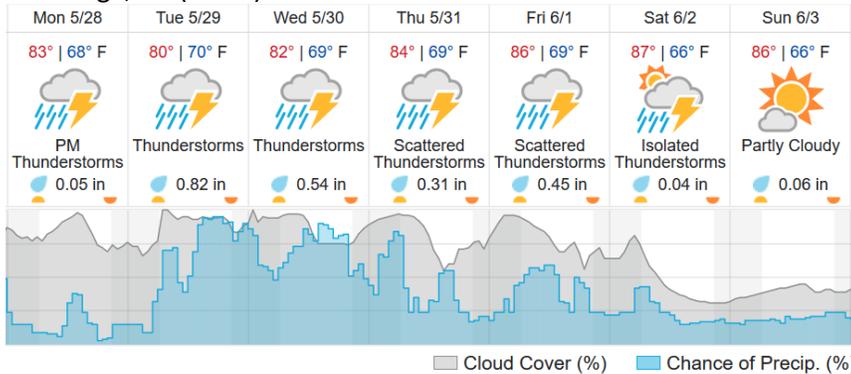
Flown: 100% (61/61)
 Green: 25% (15/61)
 Yellow: 61% (37/61)
 Red: 18% (11/61)

Weather Forecast

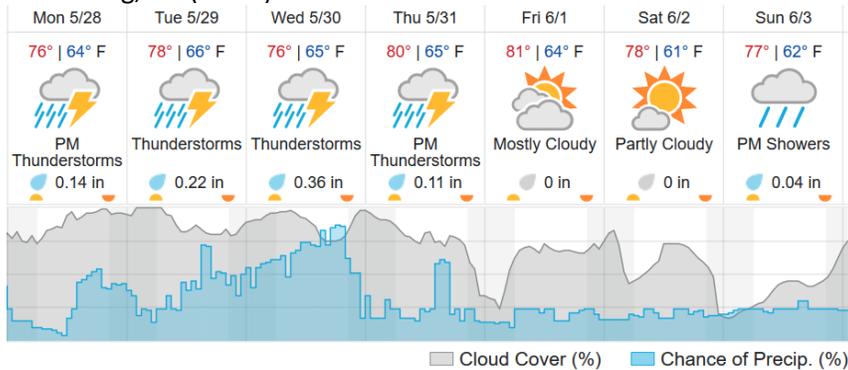
Asheville, NC (FBO)



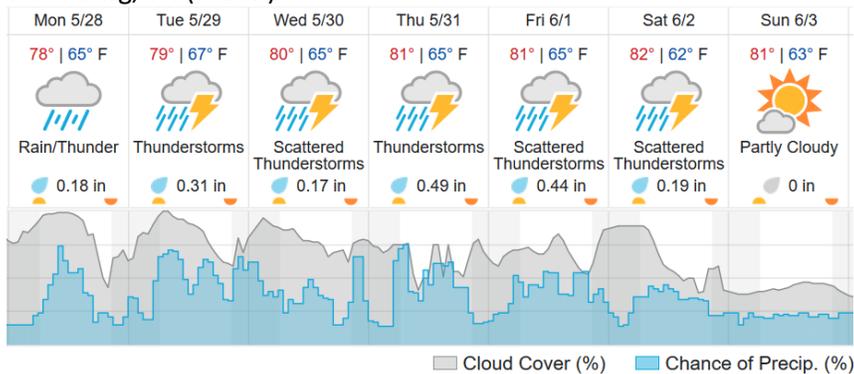
Oak Ridge, TN (ORNL)



Blacksburg, VA (MLBS)



Gatlinburg, TN (GRSM)



Flight Collection Plan for 28 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

Ivana Vu (lidar), Abe Morrison (nis), Robb Walker (ground)

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

Robb Walker (lidar), Ivana VU (nis), Abe Morrison (ground)