



June 18, 2018 Payload 3 Daily Flight Report



Date: 2018-06-18
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC

Domain: 07
Sites Flown: None
Days left in Domain: 5

Report Author: Mitch Haynes
Flight Crew: Mitch Haynes, Abe Morrison
Ground/GPS: Ivana Vu
Pilots: Dylan Malfatti, Gina Moore
Additional Personnel:
GPS Instruments:

Flight Hours: 00:00
Hours until maintenance: 97.62

Summary

Crew was mobilizing for flights when webcams from the Great Smokies showed low clouds forming over our flight box. With non-green conditions present over ORNL and MLBS, flights were postponed and eventually cancelled for the day as crew continued to monitor cloud conditions.

Concerns

None

Comments

- Ivana Vu departs Asheville this evening traveling to Fresno to join up with the Payload 2 crew. Thanks for all your hard work, Ivana!
- Tomorrow is a scheduled no fly day. Abe Morrison rotates out; Cameron Chapman and Heather Rogers rotate in.

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: 15% (16/106)
 Green: 0% (0/106)
 Yellow: 11% (12/106)
 Red: 4% (4/106)

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: 100% (34/34)

Green: 0% (0/34)

Yellow: 0% (0/34)

Red: 100% (34/34)

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)

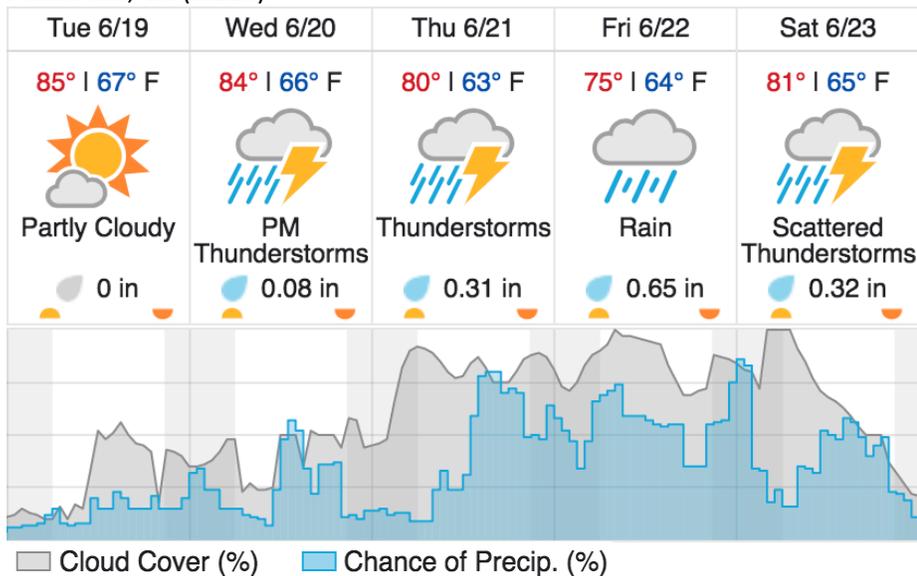
Green: 25% (15/61)

Yellow: 61% (37/61)

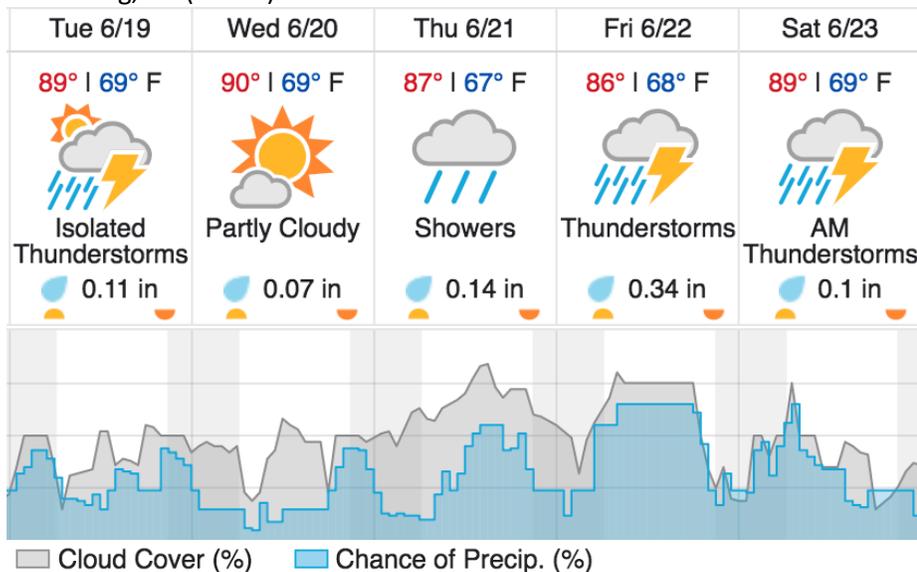
Red: 18% (11/61)

Weather Forecast

Pembroke, VA (MLBS)



Gatlinburg, TN (GRSM)



Pictures (from Friday's 20180615 MLBS Flight)



Above: Mountain Lake Biological Station with the NEON Tower in the lower left

Below: The Black Mountain Range (NC), showcasing the highest peak east of the MS, Mount Mitchell, standing at 6684 ft



Flight Collection Plan for 19 June 2018

Scheduled No Fly Day

Flight Collection Plan for 20 June 2018

Flyority 1:

Collection Area: Mountain Lake Biological Station (MLBS) ****If Green Conditions****

Flight Plan Name: D07_MLBS_R1_P1_v6_Q780

On-station Time: 1340 UTC / 0940 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: 1350 UTC / 0950 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: 1350 UTC / 0950 L

Flyority 4:

Collection Area: Oak Ridge National Laboratory (ORNL)

Flight Plan Name: D07_ORNL_C1_P1_v10_east_Q780 / D07_ORNL_C1_P1_v10_west_Q780

On-station Time: 1400 UTC / 1000 L

Crew: Mitch Haynes (Lidar Trainer), Heather Rogers (Lidar Trainee), Cameron Chapman (NIS)