



June 12, 2018 Payload 3 Daily Flight Report



Date: 2018-06-12
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC

Domain: 07
Sites Flown: None
Days left in Domain: 12

Report Author: Abe Morrison
Flight Crew: Abe Morrison, Mitch Haynes
Ground/GPS: Ivana Vu
Pilots: Mike Francis, Gina Moore
Additional Personnel: None
GPS Instruments: None

Flight Hours: 00:00
Hours until maintenance: 110.95

Summary

The crew was greeted this morning with low clouds and rain across the region. No flights were made today.

Concerns

None

Comments

The NIS getter was reactivated this morning.

Cumulative Domain Coverage

Lidar and Camera Flights without Spectrometer

Camera Boresight at GRSM

Nominal Forest Survey at GRSM

MLBS: Lines 1, 6-25

GRSM_P1: Lines 1, 51-73, 102-106

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)

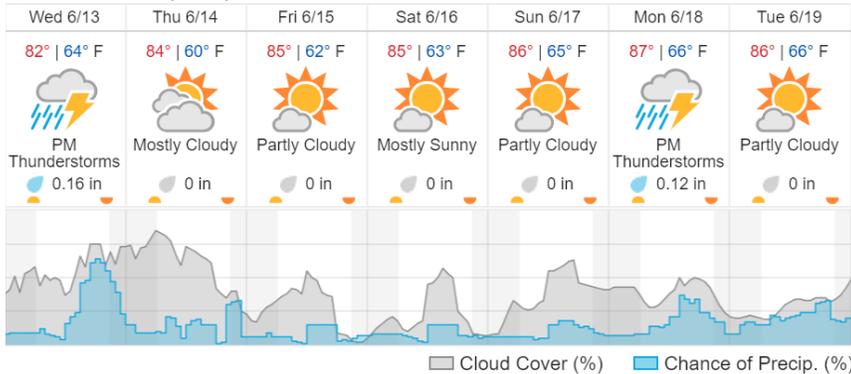
ORNL

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																			

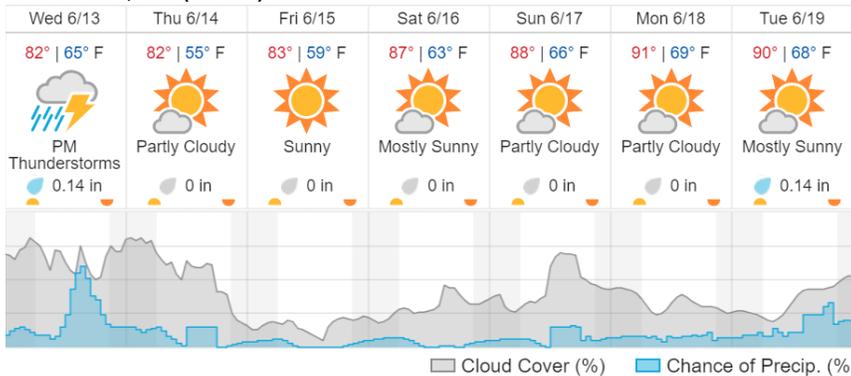
Flown: 100% (61/61)
 Green: 25% (15/61)
 Yellow: 61% (37/61)
 Red: 18% (11/61)

Weather Forecast

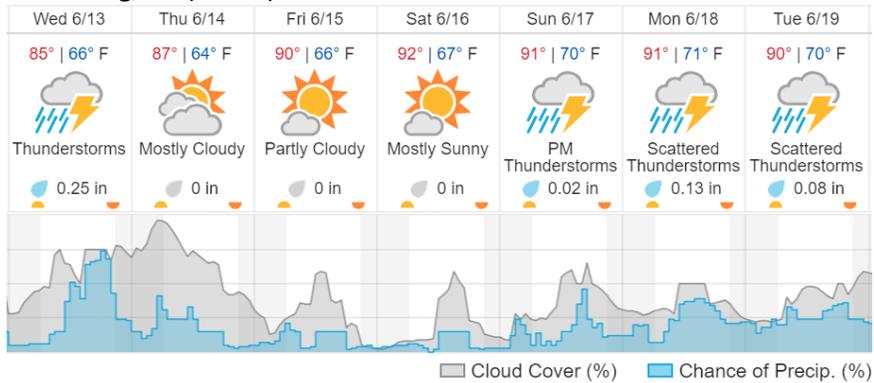
Asheville, NC (FBO)



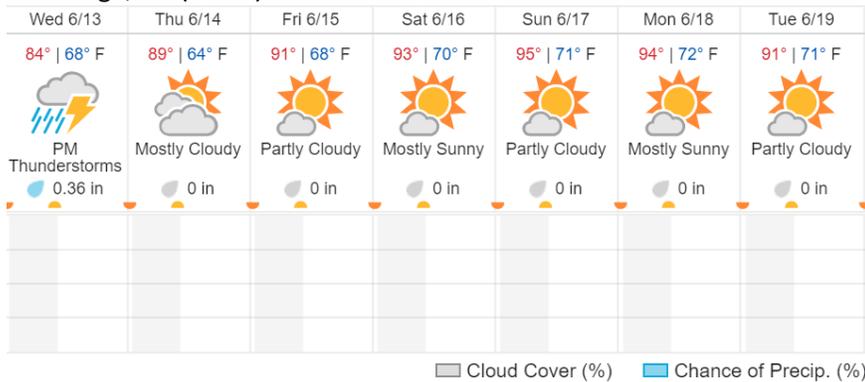
Pembroke, VA (MLBS)



Gatlinburg, TN (GRSM)



Oak Ridge, TN (ORNL)



Flight Collection Plan for 13 June 2018

Flyority 1:

Collection Area: Mountain Lake Biological Station (MLBS)

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: Ivana Vu (Lidar), Abe Morrison (NIS), Mitch Haynes (Ground)

Flight Collection Plan for 14 June 2018

Flyority: Same as previous day

Crew: Mitch Haynes (Lidar), Ivana Vu (NIS), Abe Morrison (Ground)