June 9, 2018 Payload 3 Daily Flight Report

Date: 2018-06-09
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC

Domain: 07
Sites Flown: None
Days left in Domain: 14

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: 110.95

Summary
Low clouds over all sites as well as afternoon thunderstorms prevented flights today.

Concerns
None

Comments
TOIL pilot rotation: Gina arrived to replace Hans. Welcome, Gina, and thanks for everything, Hans!

Daily Coverage
N/A

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)

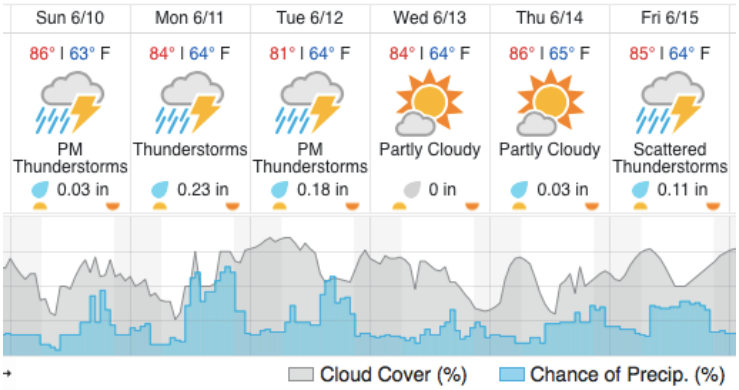
ORNL

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																			

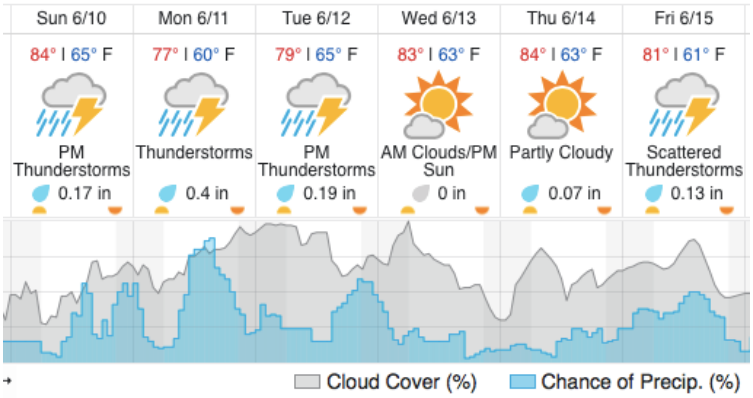
Flown: 100% (61/61)
Green: 25% (15/61)
Yellow: 61% (37/61)
Red: 18% (11/61)

Weather Forecast

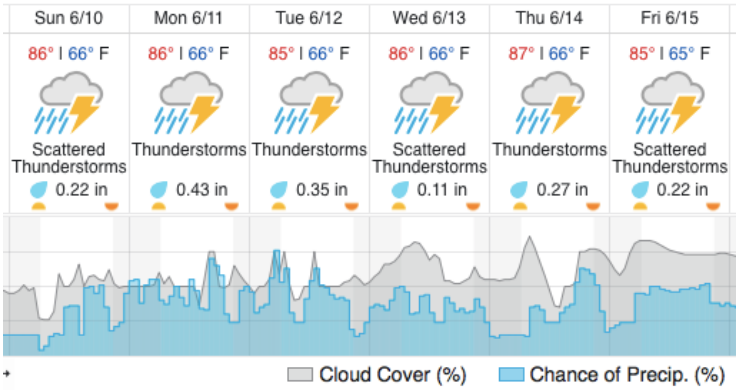
Asheville, NC (FBO)



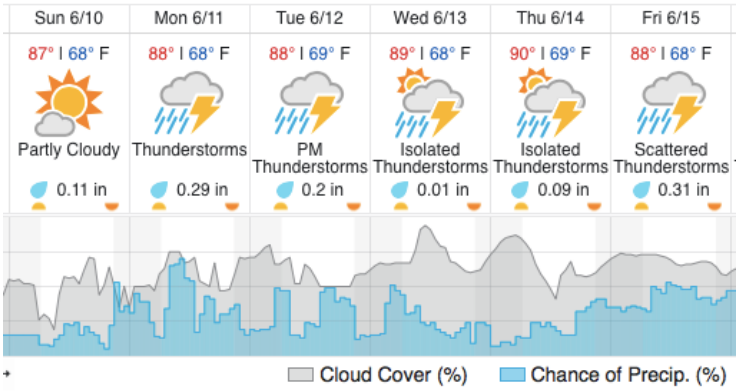
Pembroke, VA (MLBS)



Gatlinburg, TN (GRSM)



Oak Ridge, TN (ORNL)



<u>Flight Collection Plan for 10 June 2018</u>

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: Robb Walker (Lidar), Ivana Vu (NIS), Abe Morrison (Ground)

<u>Flight Collection Plan for 11 June 2018</u>

No-fly Day (Crew Rotation)
Out: Robb Walker
In: Mitch Haynes