June 21, 2018 Payload 3 Daily Flight Report

Date: 2018-06-21
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC

Domain: 07
Sites Flown:
Days left in Domain: 2

Report Author: Heather Rogers
Flight Crew: Cameron Chapman, Heather Rogers, Mitch Haynes
Ground/GPS:
Pilots: Dylan Malfatti, Gina Moore
Additional Personnel:
GPS Instruments:

Flight Hours: 00:00
Hours until maintenance: 95.80

Summary
Rain, clouds, and thunderstorms prevented an attempt at data collection today.

Concerns
N/A

Comments
N/A

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)

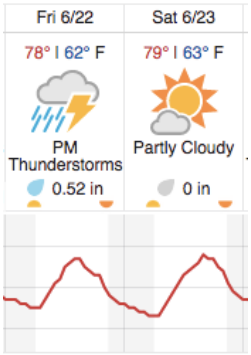
ORNL

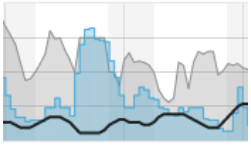
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61																			

Flown: 100% (61/61)
Green: 25% (15/61)
Yellow: 61% (37/61)
Red: 23% (14/61)

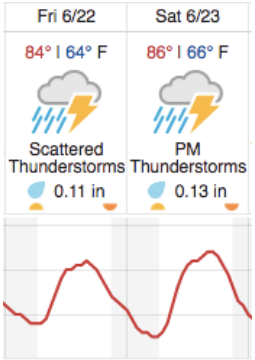
Weather Forecast

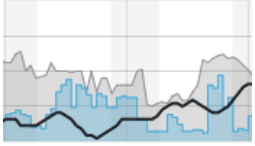
Pembroke, VA





Gatlinburg, TN





Flight Collection Plan for 22 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: Heather Rogers (Lidar), Mitch Haynes (Lidar Observer), Cameron Chapman (NIS)