



June 22, 2018 Payload 3 Daily Flight Report



Date: 2018-06-22

Flight Campaign ID: 2018_P3C1

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

Domain: 07

Sites Flown:

Days left in Domain: 1

Report Author: Heather Rogers

Flight Crew: Heather Rogers, Cameron Chapman, Mitch Haynes

Flight Hours: 00:00

Ground/GPS:

Hours until maintenance: 95.80

Pilots: Dylan Malfatti, Gina Moore

Additional Personnel:

GPS Instruments:

Summary

At first the weather appeared to be improving, but persistent low clouds and thunderstorms prevented data collection today.

Concerns

N/A

Comments

2018_P3C1_11 was shipped today.

The GPS station at MLBS will be taken down tomorrow.

The crew packed Hotel Kit 3 in anticipation of Sunday's transit. If data is collected tomorrow, it will be extracted once the plane reaches D12.

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)

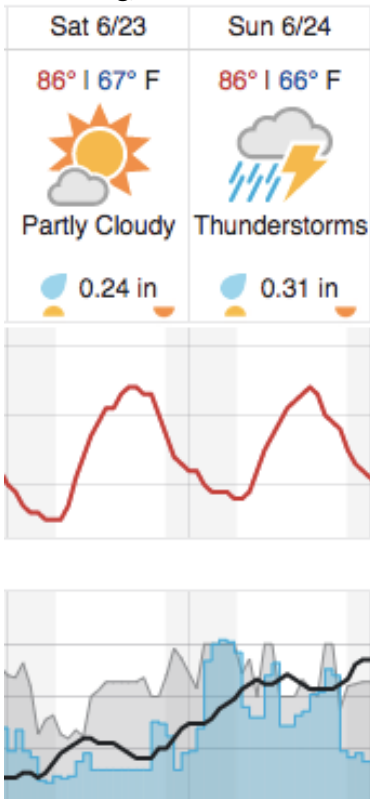
Green: 25% (15/61)

Yellow: 61% (37/61)

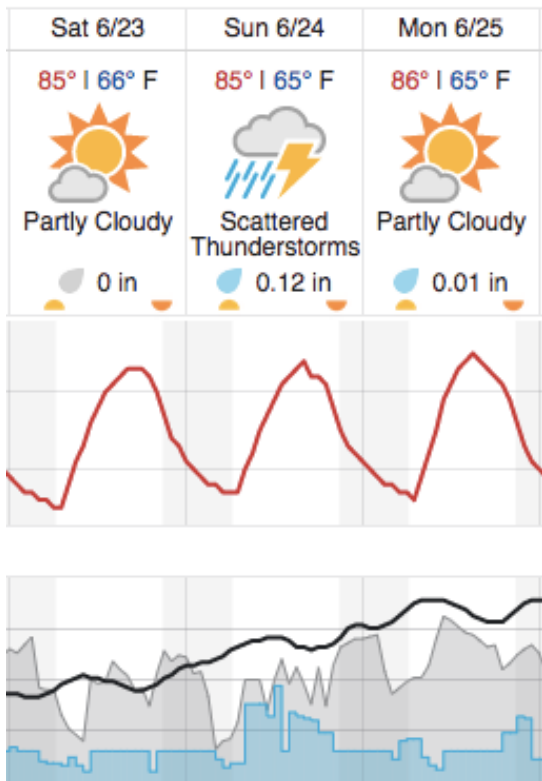
Red: 23% (14/61)

Weather Forecast

Gatlinburg, TN



Asheville, NC



Flight Collection Plan for 23 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), Heather Rogers (NIS), Cameron Chapman (Ground)