



June 3, 2018 Payload 3 Daily Flight Report



Date: 2018-06-03

Flight Campaign ID: 2018_P3C1

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

Domain: 07

Sites Flown: None

Days left in Domain: 20

Report Author: Abe Morrison

Flight Crew: Abe Morrison, Robb Walker

Ground/GPS: Ivana Vu

Pilots: Mike Francis, Hans Germann

Additional Personnel:

GPS Instruments: 09 - FBO_KAVL, 07- AOP_MLBS, 08-AOP_GRSM, C-TN16, TDOT-TN1A

Flight Hours: 00:24

Hours until maintenance: 124.60

Summary

With the reported weather looking favorable and the GRSM park service webcams offline this morning, the crew took to the air for the first time in weeks!!! Unfortunately low clouds at the survey site would not allow for any collections and thunderstorms started to develop by midday. The weather for tomorrow is looking good.

Concerns

Science flights will continue when the NIS issue is resolved. The FPIE PSU, FPIE box, and associated cables were reported functional with a spare FPA at JPL as they continue to troubleshoot the problem.

Comments

None

Pictures



Approaching GRSM site. Photo by Robb Walker

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: 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)

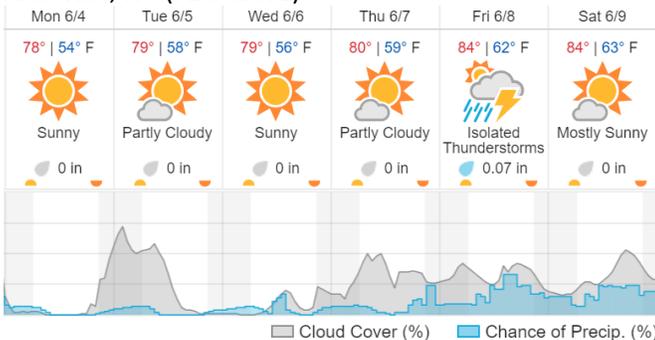
ORNL

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																			

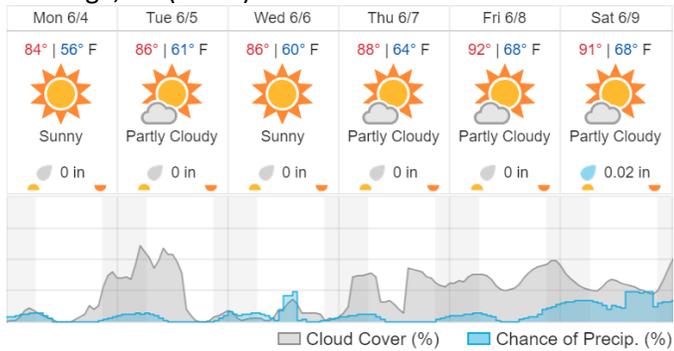
Flown: 100% (61/61)
 Green: 25% (15/61)
 Yellow: 61% (37/61)
 Red: 18% (11/61)

Weather Forecast

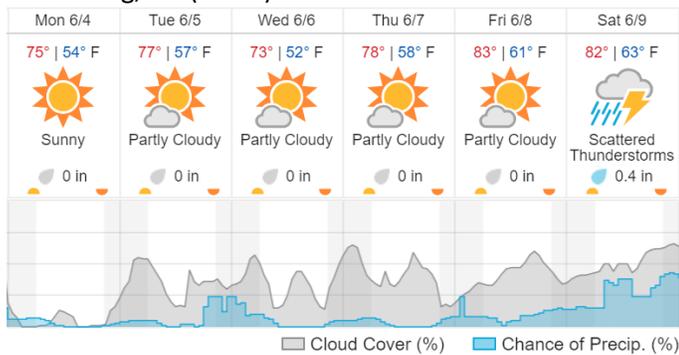
Asheville, NC (FBO-KAVL)



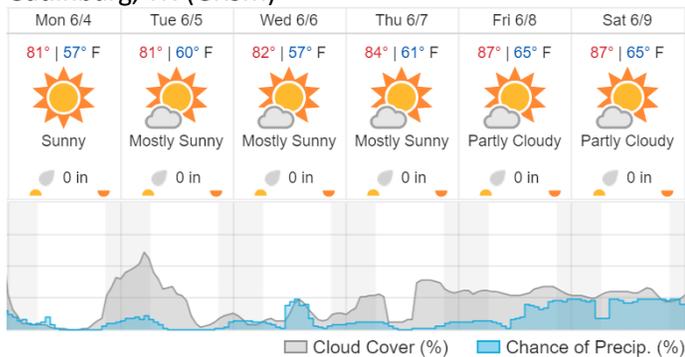
Oakridge, TN (ORNL)



Blacksburg, VA (MLBS)



Gatlinburg, TN (GRSM)



Flight Collection Plan for 4 June 2018:

Flyority 1:

Collection Area: Camera Boresight at GRSM

Flight Plan Name: D07_B07A_Cam_Boresight_v2_Q780

On-station Time: 1400 UTC / 1000 L

Flyority 2:

Collection Area: Nominal Forest Survey at GRSM

Flight Plan Name: D01_J07B_Nominal_Forest_Survey_v2

On-station Time: 1400 UTC / 1000 L

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

Flight Collection Plan for 5 June 2018:

Flyority 1:

Collection Area: Camera Boresight at GRSM

Flight Plan Name: D07_B07A_Cam_Boresight_v2_Q780

On-station Time: 1400 UTC / 1000 L

Flyority 2:

Collection Area: Nominal Forest Survey at GRSM

Flight Plan Name: D01_J07B_Nominal_Forest_Survey_v2

On-station Time: 1400 UTC / 1000 L

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