



June 4, 2018 Payload 3 Daily Flight Report



Date: 2018-06-04

Flight Campaign ID: 2018_P3C1

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

Domain: 07

Sites Flown: J07B, B07A

Days left in Domain: 19

Report Author: Robb Walker

Flight Crew: Robb Walker, Ivana Vu

Ground/GPS: Abe Morrison

Pilots: Hans Germann, Mike Francis

Additional Personnel:

GPS Instruments: 08 - GRSM, 09 - FBO_KAVL

Flight Hours: 03:00

Hours until maintenance: 121.60

Summary

Weather and skies finally cleared for us today and we were able to take to the sky to collect the Camera Boresight and Nominal Forest survey at GRSM.

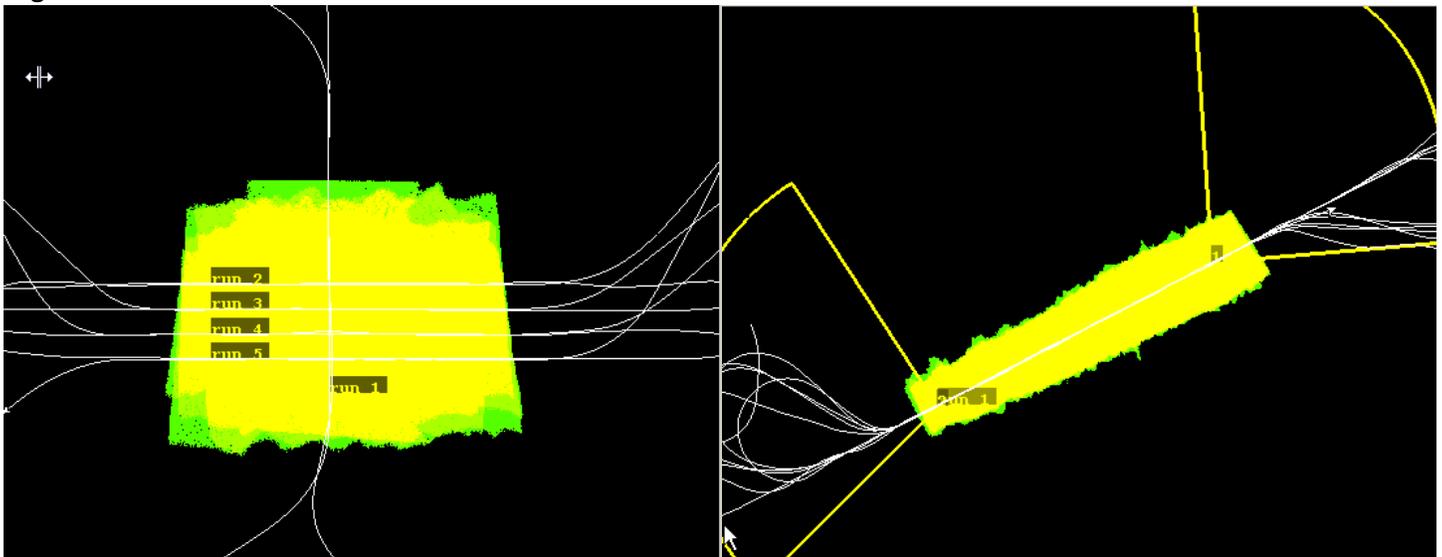
Concerns

FPIE PSU, FPIE box, and associated cables were reported functional by JPL and sample data did not indicate any problems with DCC. JPL is shipping back all items to reinstall and continue trouble-shooting possible issues with FPA.

Comments

- FPIE equipment is in the process of being shipped back and should be received in the next couple of days. It will be re-installed and trouble-shooting will continue.
- Now that Camera Boresight and Nominal Forest survey are complete, ORNL camera data collection will be priority until NIS is functional.

Flight Screenshots



Pictures



Gatlinburg, TN over GRSM

Daily Coverage

Camera Boresight and Nominal Forest surveys complete.

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)

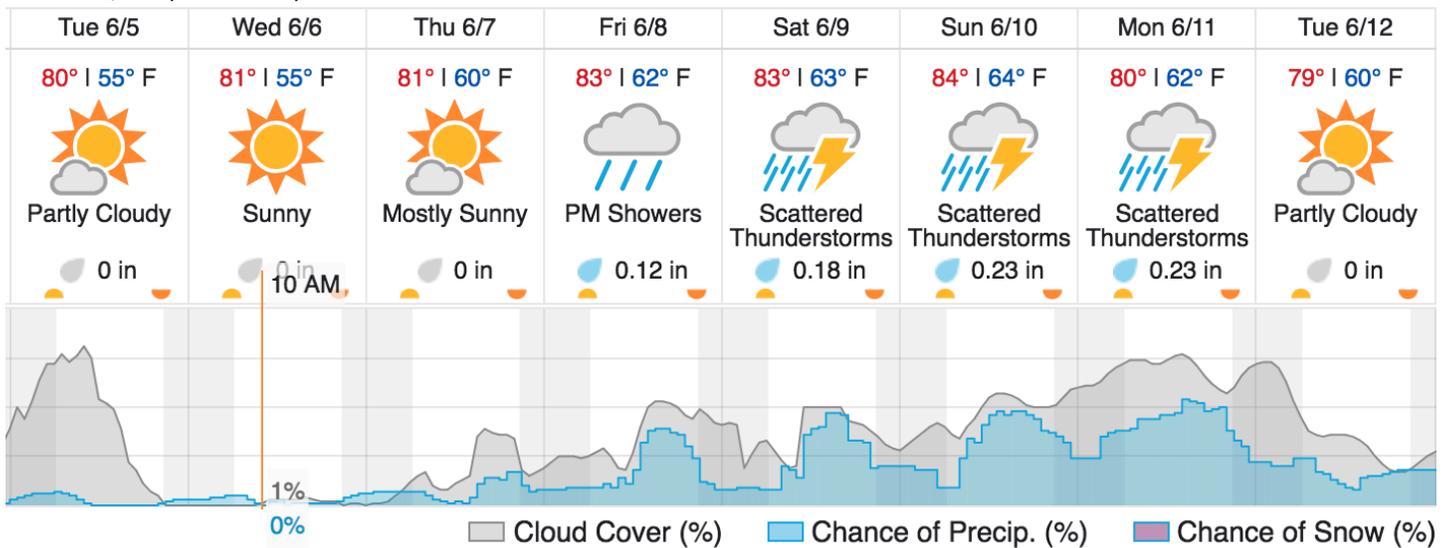
ORNL

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																			

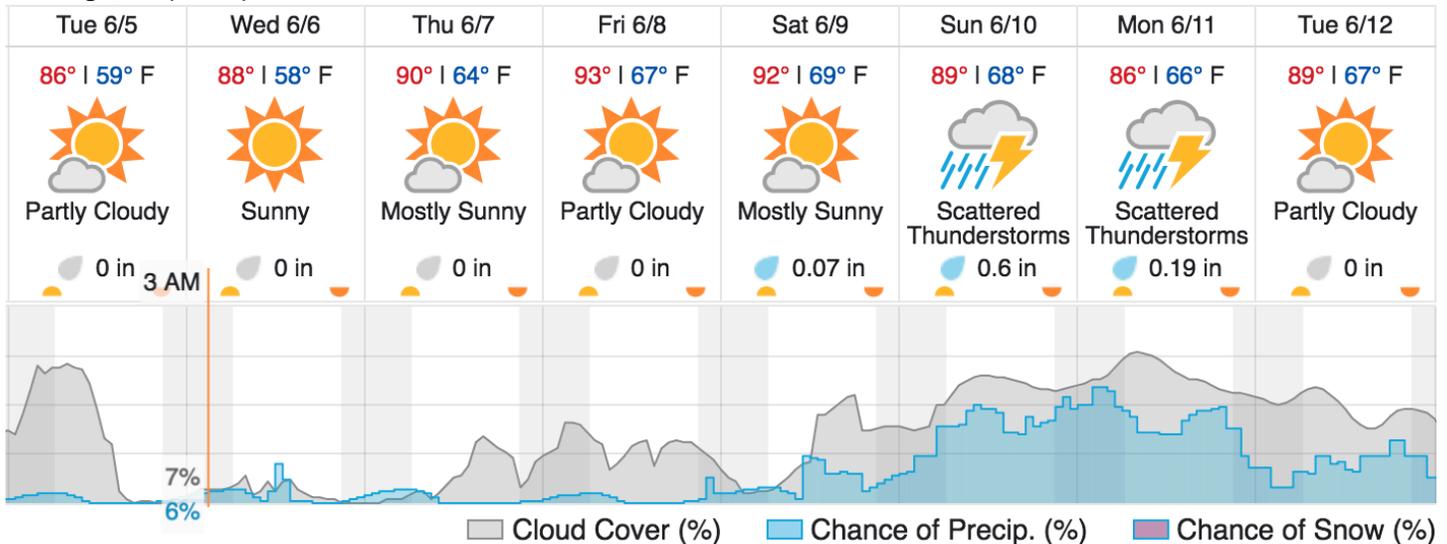
Flown: 100% (61/61)
 Green: 25% (15/61)
 Yellow: 61% (37/61)
 Red: 18% (11/61)

Weather Forecast

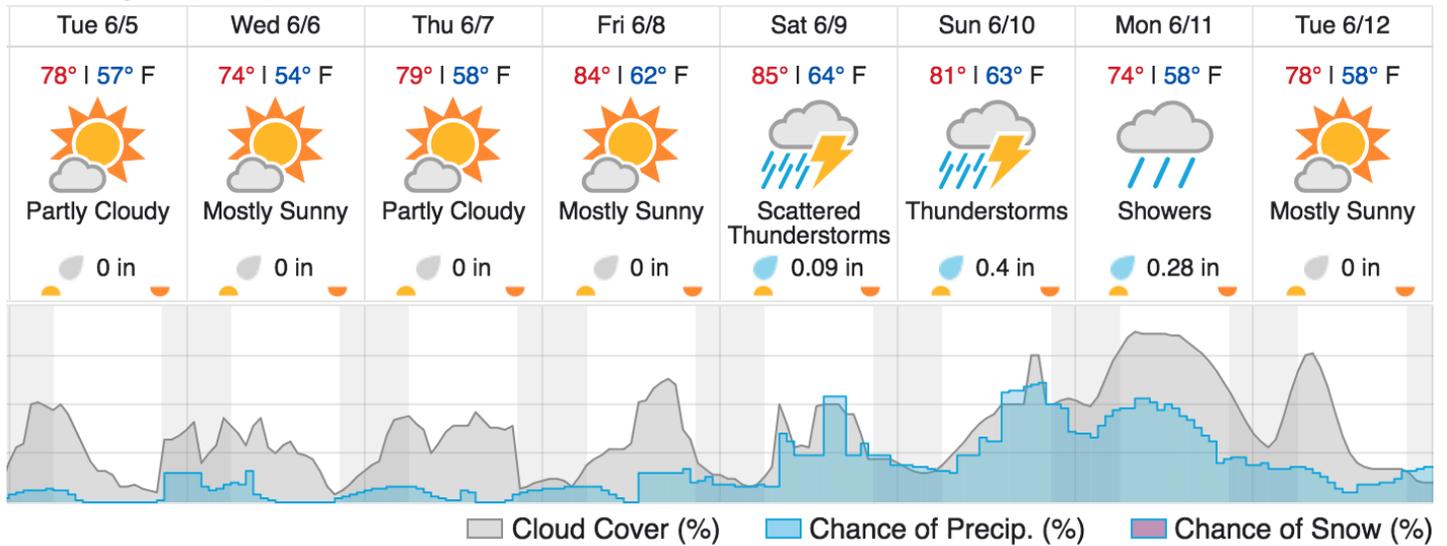
Asheville, NC (FBO-KAVL)



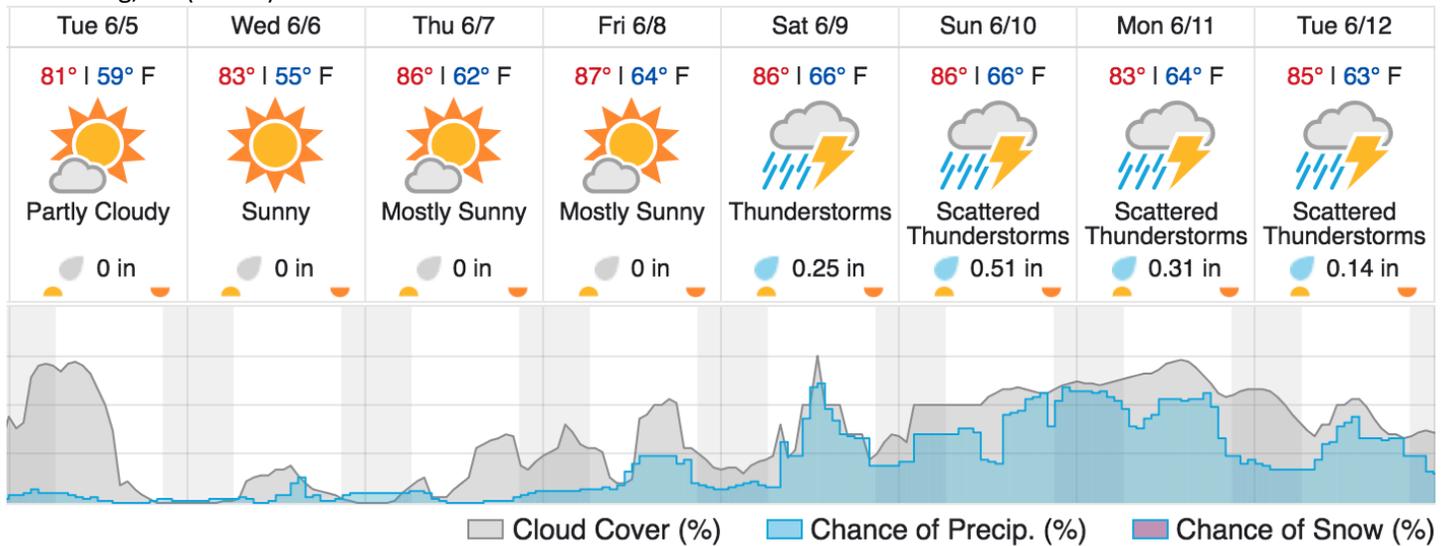
Oakridge, TN (ORNL)



Blacksburg, VA (MLBS)



Gatlinburg, TN (GRSM)



Flight Collection Plan for xx Month 2018

New Issues

Fault: Flight Disks	Open Date: 6/4/2018
Riegl Disk Set 3: D Drive showed "MIDAS1" instead of "MIDAS2" on RiAcquire Computer. Andrew will investigate after current extraction is finished.	