

June 2, 2018 Payload 3 Daily Flight Report



Date: 2018-06-02 Flight Campaign ID: 2018_P3C1 Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC

Domain: 07 Sites Flown: None Days left in Domain: 21

Report Author: Abe MorrisonFlight Crew: Abe Morrison, Robb WalkerFlight Hours: 00:00Ground/GPS: Ivana VuHours until maintenance: 125.00Pilots: Mike Francis, Hans GermannAdditional Personnel:GPS Instruments: 09 - FBO_KAVL, 07- AOP_MLBS, 08-AOP_GRSM, C-TN16, TDOT-TN1A

Summary

The weather is starting to get better throughout the region, however low clouds and isolated thunderstorms kept the otter on the ground again today.

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

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
2	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
4	1	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
e	51	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
8	31	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	01	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
ſ	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

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

61

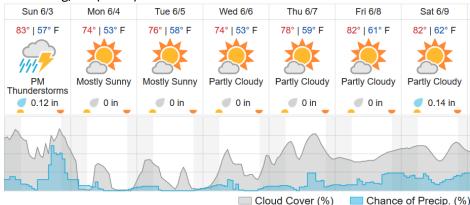
Flown: 100% (61/61) Green: 25% (15/61) Yellow: 61% (37/61) Red: 18% (11/61)

Weather Forecast

Asheville, NC (FBO-KAVL) Sun 6/3 Mon 6/4 Wed 6/6 Thu 6/7 Sat 6/9 Tue 6/5 Fri 6/8 <mark>81°</mark> | 57° F 85° | 58° F 77° | 55° F 78° | 56° F 84° | 61° F 86° | 63° F 83° | 64° F 444 444 PM Thunderstorms Sunny Mostly Sunny PM Thunderstorms Mostly Sunny Mostly Sunny Partly Cloudy **0.07 in** 🔵 0.07 in 🖉 0 in 🟉 0 in 🕖 0 in 🟉 0 in 🔵 0 in Chance of Precip. (%) Cloud Cover (%)

Oakridge, T	N (ORNL)					
Sun 6/3	Mon 6/4	Tue 6/5	Wed 6/6	Thu 6/7	Fri 6/8	Sat 6/9
85° 58° F	83° 57° F	84° 60° F Partiy Cloudy	88° 62° F Mostly Sunny	92° 66° F Mostly Sunny	89° 67° F Partly Cloudy	89° 69° F PM Thunderstorms 0.24 in
				bud Cover (%)		e of Precip. (%)

Blacksburg, VA (MLBS)



Gatlinburg, TN (GRSM)

0,	•					
Sun 6/3	Mon 6/4	Tue 6/5	Wed 6/6	Thu 6/7	Fri 6/8	Sat 6/9
<mark>84</mark> ° 58° F	79° 56° F	80° 57° F	83° 58° F	86° 63° F	87° 64° F	<mark>86°</mark> 67° F
111	*	*	*	*	*	1111
PM Thunderstorms	Sunny	Partly Cloudy	Mostly Sunny	Mostly Sunny	Partly Cloudy	PM Thunderstorms
0.22 in	🥑 0 in	🥑 0 in	🖉 0 in	🖉 0 in	🥑 0 in	0.31 in
				oud Cover (%)	Chance	e of Precip. (%)

Flight Collection Plan for 3 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:** Ivana Vu (Lidar), Abe Morrison (NIS), Robb Walker (Ground)

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)