



May 14, 2018 Payload 3 Daily Flight Report



Date: 2018-05-14
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC

Domain: 07
Sites Flown: None
Days left in Domain: 33

Report Author: John Adler
Flight Crew: Ivana Vu, John Adler, Cameron Chapman
Ground/GPS: John Adler
Pilots: Mike Francis, Paul Muth
Additional Personnel: none
GPS Instruments: 09 - FBO_KAVL, C-TN16, TDOT-TN1A

Flight Hours: 00:00
Hours until maintenance: 25.45

Summary: Cloud conditions were not favorable for a Green collect day, so there were no flights. Ivana attempted to get the MLBS wifi GPS station working this morning, but was not successful. We are continuing to work on this issue.

Concerns: None.

Comments: Hotelkit 3 re-extracted the 2018051212 data and is currently running QA/QC. Hopefully tomorrow morning all D07 data will have been archived. Robb left for Boulder.

Twin Otter will be sending mechanics for the 100-hour maintenance inspection tomorrow, expecting to begin the maintenance on Wednesday. The maintenance is happening during the bad weather window, so we will not be losing Green flight days.

Flight Screenshots: n/a today.

Pictures: None today.

Daily Coverage: n/a for today.

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						

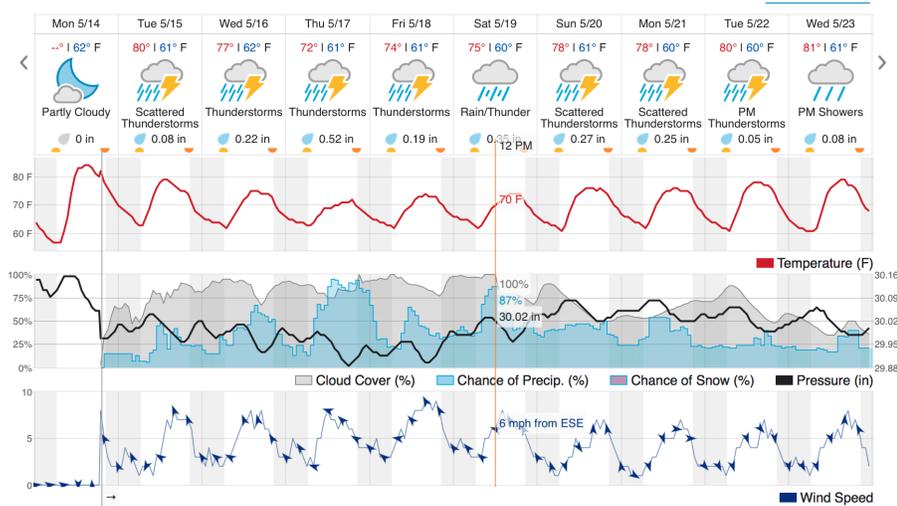
Flown: 0% (0/34)
 Green: 0% (0/34)
 Yellow: 0% (0/34)
 Red: 0% (0/34)

ORNL

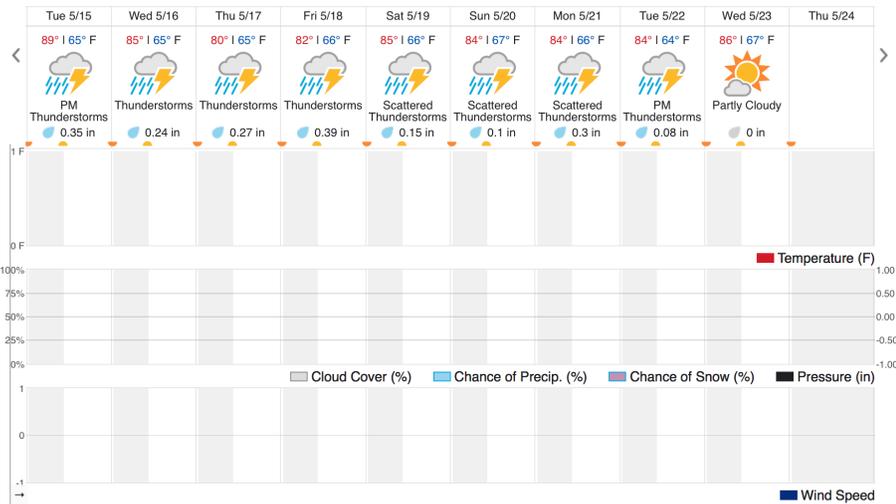
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61																			

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

Weather Forecast:



Asheville, NC



Oak Ridge, TN (full graphic not available)

Flight Collection Plan for 15May 2018:

Flyority 1:

Collection Area: Oak Ridge National Laboratory (ORNL) if Green conditions.

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: Cameron Chapman (lidar), John Adler (NIS), Ivana Vu (ground)

Flight Collection Plan for 16May 2018

Maintenance

Starting 19 May 2018

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: 1400 UTC / 1000 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: 1400 UTC / 1000 L

Starting 25 May 2018

Flyority 1:

Collection Area: Mountain Lake Biological Station (MLBS)

Flight Plan Name: D07_MLBS_R1_P1_v6_Q780

On-station Time: 1340 UTC / 0940 L