

13

NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST				MISSION INFORMATION					
FLT ID:	20190228H1	FLT #:	1	AC:	Mitchell	Scientists:		Pressure		Dropsondes			
From:	KLAL	ETD:	14Z	CP(s):	Legidakes			A/C Takeoff		Good	Bad	Sent	
To:	KLAL	ETA:	22Z										
Block Time		Flight Time		Nav(s):	Richards			Wx Station Takeoff					
In:	1700	In:	1657	FE(s)	Darby / Heystek			A/C Land		Good	Bad	Sent	
Out:	1338	Out:	1344	FD(s):	Lalonde					BTs			
					Holmes								
Total:	3.4	Total:	3.2		Carpenter / Lundry	Visitors:		Wx Station Land					
Sponsoring Org:	AOC			SEB:	Underwood	Ketchum, Leroy (RR)		Storm Number ID:					
Program:	PFT							(ie: AL072012)					
Purpose:	Pilot Night Proficiency			SSA:	Mascaro			TCPOD/WSPOD Mission					
				AVAPS:	Paul			(ie: NOAA2 2418A SANDY)					
AS REQUIRED BY ORM				Y	N	REMARKS		Fix Number	Obs Number	Fix Time	SLP		
VOLCANIC ASH					X								
SCIENCE MISSION WITHIN BDRY LAYER					X								
LACK OF PRECIPITATION				X									
RELATIVE HUMIDITY ≥ 80%					X								
LARGE AIR-SEA TEMP GRADIENT					X								
HIGH SURFACE WINDS					X								
LONG FETCH / DURATION OF SFC WND					X								
SEA SALT ACCRETION FORECAST					X								
SEA SALT ACCRETION OBSERVED													
Additional Remarks:													

*Highlighted items must be completed before departure.

N42RF ERROR SUMMARY

Flight ID: 20190228H1

Sensor or System -----	Number or Name -----
Static Pressure Probe	PSM.2
Dynamic Pressure Probe	PQM.2
Total Temperature Probe	TTM.1
Dewpoint Temp. Probe	TDM.2
Vertical Accelerometer	AccZfilterI-GPS.1
Altimeter	AltGPS.3
INE Selection	2
Differential Attack Pressure Probe	PDALPHA.1
Differential Sideslip Pressure Probe	PDBETA.1
Dynamic Attack Pressure Probe	PQALPHA.1
Dynamic Sideslip Pressure Probe	PQBETA.1

Flight Directory acdata/2019/MET/20190228H1

Local Met Data	Takeoff (1344Z)	Landing (1657Z)
Dynamic Corrections		Yes
AttackAngleIntercept		2.31252
AttackAngleSlope		6.06758
SlipAngleIntercept		0.4295
SlipAngleSlope		7.17033

Notes:

There were no edits made in the measured parameters used to calculate meteorological and navigational parameters.

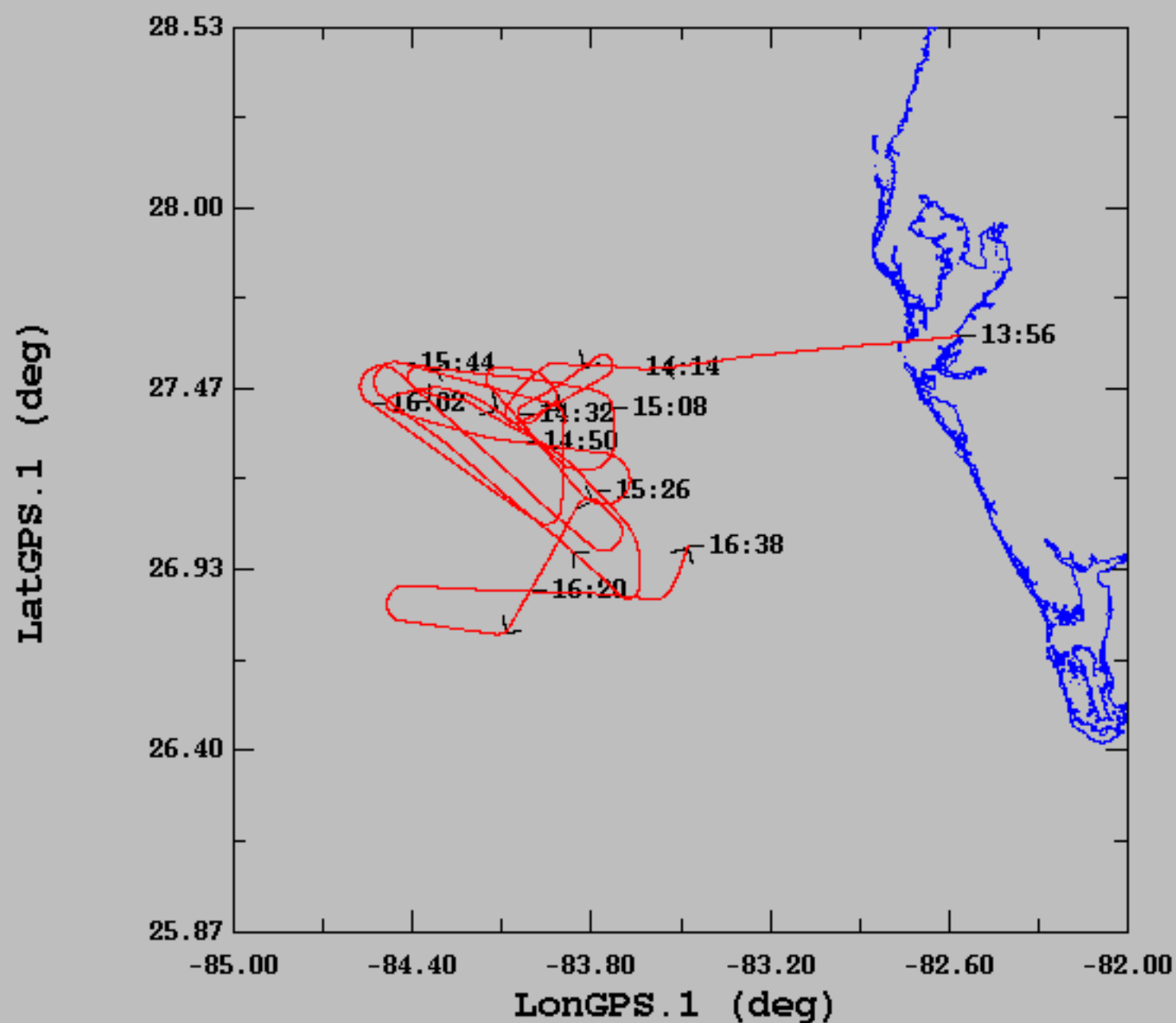
Takeoff/Landing data: Data during landing and takeoff are potentially suspect. It is recommended that ground data not be used for scientific analysis.

Expendable Type -----	# deployed -----	# good -----	# transmitted -----
Dropsondes	0	0	0
Test sondes	0	0	0
AXBTs	0	0	0
AXCPs	0	0	0
AXCTDs	0	0	0
UAS	0	0	0

Flight Director: Holmes
Phone #: 863-500-3983

ACAT-4 Version = 7.2.2

2019-02-28, 13:56:31-16:38:16



	mean	sigma	min	max
LatGPS.1 (deg), 1 s/sec	27.30	0.24	26.74	27.62
LongGPS.1 (deg), 1 s/sec	-83.93	0.39	-84.57	-82.56

NOAA • AOC • SED N42RF AVAPS DROP LOG

Lead Tech: Mike Mascaro

Project: Hurricane 2018

Mission: AVAPS TEST

Flight ID: 2019022841

Take Off: _____

Landing: _____

Flt Dir: HOLMES

Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operator	Charge \$\$ To	Comments	Good ?
1	184 010 132	1	Ø	1449	SCP	AOL	CONTROL 1	✓
2	182 310 302	2	-0.4	1449			CONTROL 1A	✓
3	183 330 544	3	Ø	1450			TEST 1-1/Wabbling?	✓
4	183 330 733	4	-0.4	1450			TEST 1-2	✓
5	185 130 081	5	Ø	1450			TEST 1-3	✓
6	181 920 719	1	-0.4	1523 ⁵⁶			CONTROL 2	✓
7	183 330 544	2	Ø	1524 ⁰⁶			TEST 2-1	✓
8	183 321 025	3	Ø	1524 ¹⁸			TEST 2-2	✓
9	183 330 995	4	Ø	1524 ³⁰			TEST 2-3	✓
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								

NOAA • AOC • SED N42RF AVAPS DROP LOG

Lead Tech: Mike Mascaro

Project: Hurricane 2018

Mission: 20181219H1

Flight ID: _____

Take Off: 1800

Landing: _____ Flt Dir: _____

Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operator	Charge \$\$ To	Comments	Good ?
1	181920729	1	0	1933	mmn	AOC		✓
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								