

N42RF ERROR SUMMARY
20181012H1

Flight ID: 20181012H1

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	1
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/2018/MET/20181012H1

Local Met Data	Takeoff KLAL (1328Z)	Landing KLAL (1610Z)
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.

Note: QC accomplished by Michael Holmes (mike.holmes@noaa.gov)

PDAlpha.2 Inop.

Dewpoint sensors (TDM.1, .2 and .3) suspect durring transits to and from ops area. Otherwise the dewpoint sensors performed nominally.

Expendable Type -----	# deployed -----	# good -----	# transmitted -----
Dropsondes	0	0	0
Test sondes	0	0	0
AXBTs	8	8	8
AXCPs	10	10	10
AXCTDs	2	2	2
UAS	0	0	0

Flight Director: Sears
Phone #:

ACAT-4 Version = 7.2.2

NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST				MISSION INFORMATION				
FLT ID:	20181012H1	FLT #:	1	AC:	Abitbol	Scientists:		Pressure		Dropsondes		
From:	KLAL	ETD:	1400	CP(s):	Mitchell			A/C Takeoff		Good	Bad	Sent
To:	KLAL	ETA:	3+00									
Block Time		Flight Time		Nav(s):	Freeman	Jaimes de la Cruz		Wx Station Takeoff		BTs		
In:	1617	In:	1610	FE(s):	Heystek	Wadler		A/C Land		Good	Bad	Sent
Out:	1321	Out:	1328	FD(s):	Sears			Wx Station Land		8		8
Total:	2.9	Total:	2.7	FD(s):	Flaherty	Visitors:						
Sponsoring Org:				SEB:	Richards			Storm Number ID:				
Program:				SSA:	Mascaro			(ie: AL072012)				
Purpose:		OHC		AVAPS:				TCPOD/WSPOD Mission				
								(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					x							

Additional Remarks:

Cockpit Gmax:

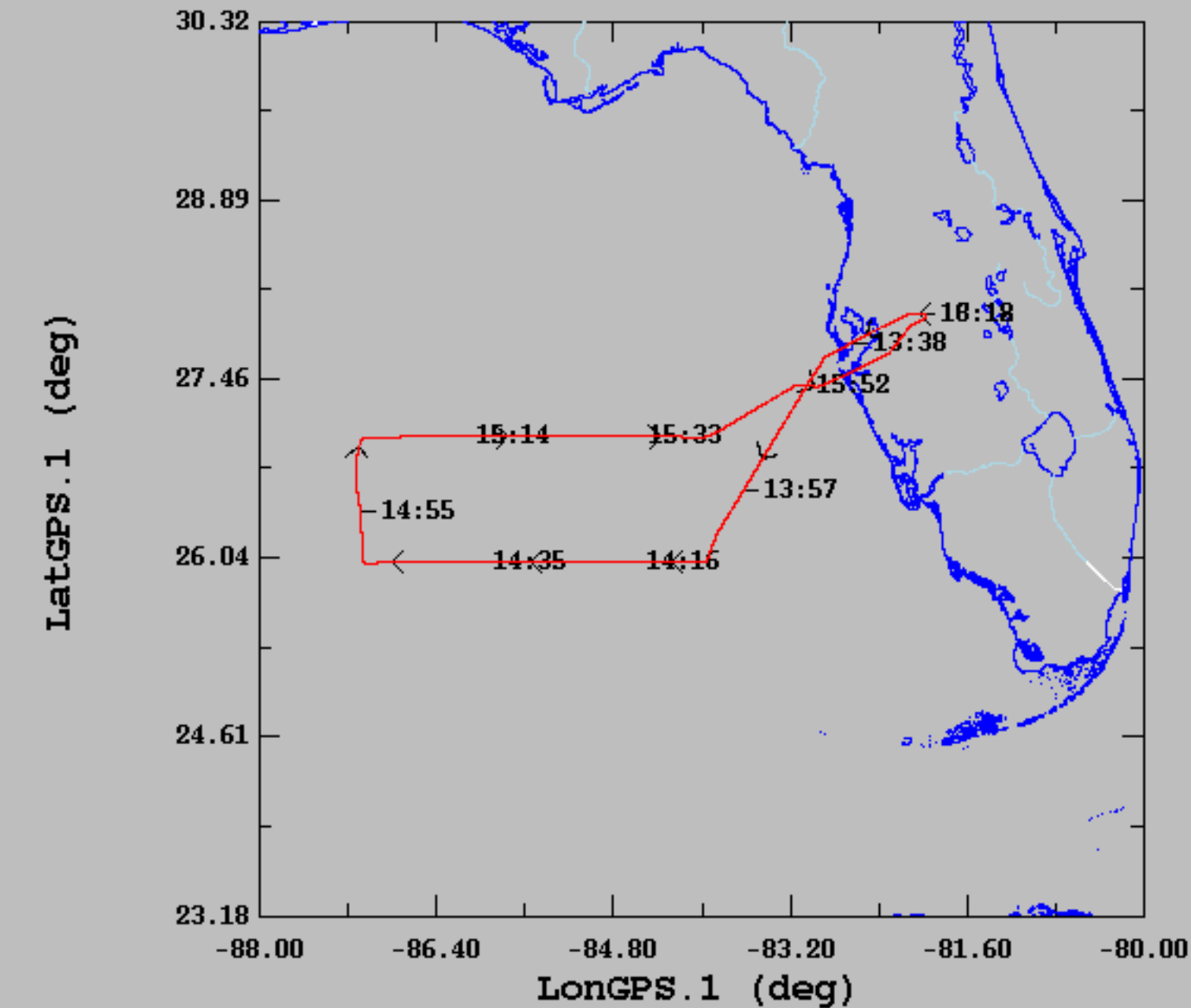
Gmin:

*Highlighted items must be completed before departure.

8 BTs
10 CP
2 CTWS

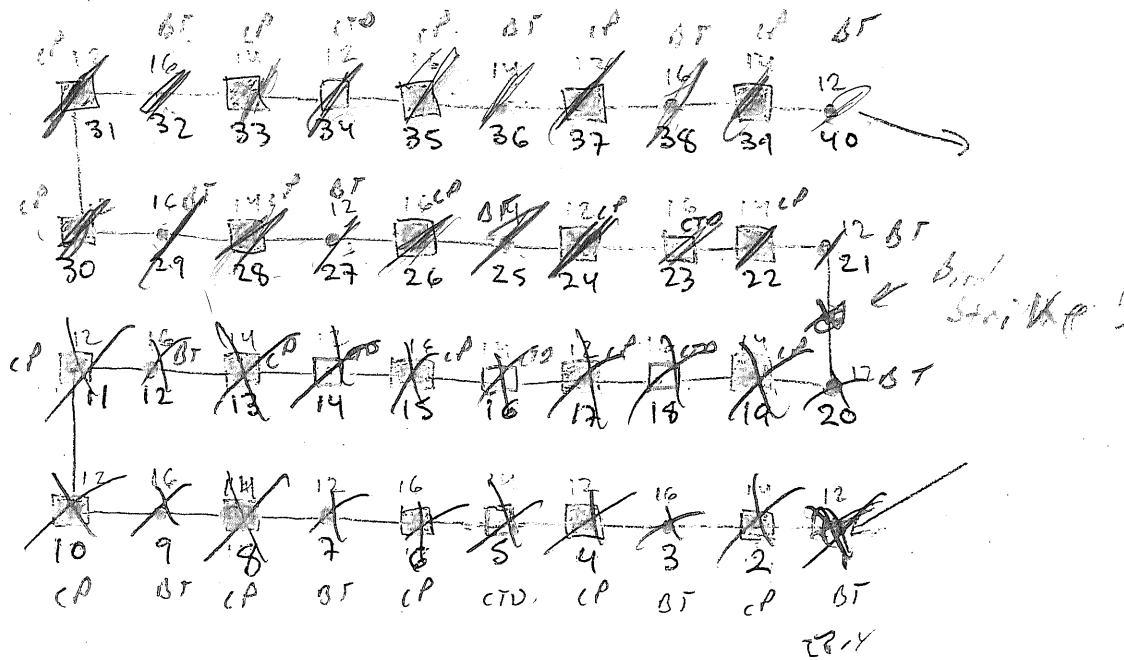
20181012H1 Flight Track

2018-10-12, 13:18:49-16:12:00



	mean	sigma	min	max
LatGPS.1 (deg), 1 s/sec	26.89	0.68	25.99	27.99
LongGPS.1 (deg), 1 s/sec	-84.46	1.68	-87.12	-81.97

2018101141



AXBT 14

AXCTD 6

AXCP 20