

N42RF ERROR SUMMARY
 20180615H1

Flight ID: 20180615H1

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/20180615H1

Local Met Data	Takeoff KLAL (0935Z)	Landing KLAL (1249Z)
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.

SFMR Cal Flight

Note: QC accomplished by Michael Holmes (mike.holmes@noaa.gov)
 PDAlpha.2 unrepresentative throughout flight. This issue did not affected the real-time or post processed flight level data it was not selected as the source instrument.

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: Henning
 Phone #: 863-500-2982

NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20180615H1	FLT #:		AC:	Kahn	Scientists:	Pressure		Dropsondes		
From:	KLAL	ETD:	0930Z	CP(s):	Doremus		A/C Takeoff		Good	Bad	Sent
To:	KLAL	ETA:	1330Z	Nav(s):	Sloan		Wx Station Takeoff		BTs		
Block Time		Flight Time		FE(s):	Heystek		A/C Land		Good	Bad	Sent
In:	1258	In:	1250	FD(s):	Sanchez		Wx Station Land				
Out:	0928	Out:	0935		Henning	Visitors:					
Total:	3.5	Total:	3.3	SEB:	Peek		Storm Number ID:				
Sponsoring Org:	AOC				Greene		(ie: AL072012)				
Program:	PSM			SSA:	Mascaro		TCPOD/WSPOD Mission				
Purpose:	SFMR Calibration				Richards		(ie: NOAA2 2418A SANDY)		WXWXA TRAIN		
				AVAPS:	McAlister		OBSERVATIONS				
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.

Cockpit Gmax:

Gmin:

DEG M/W

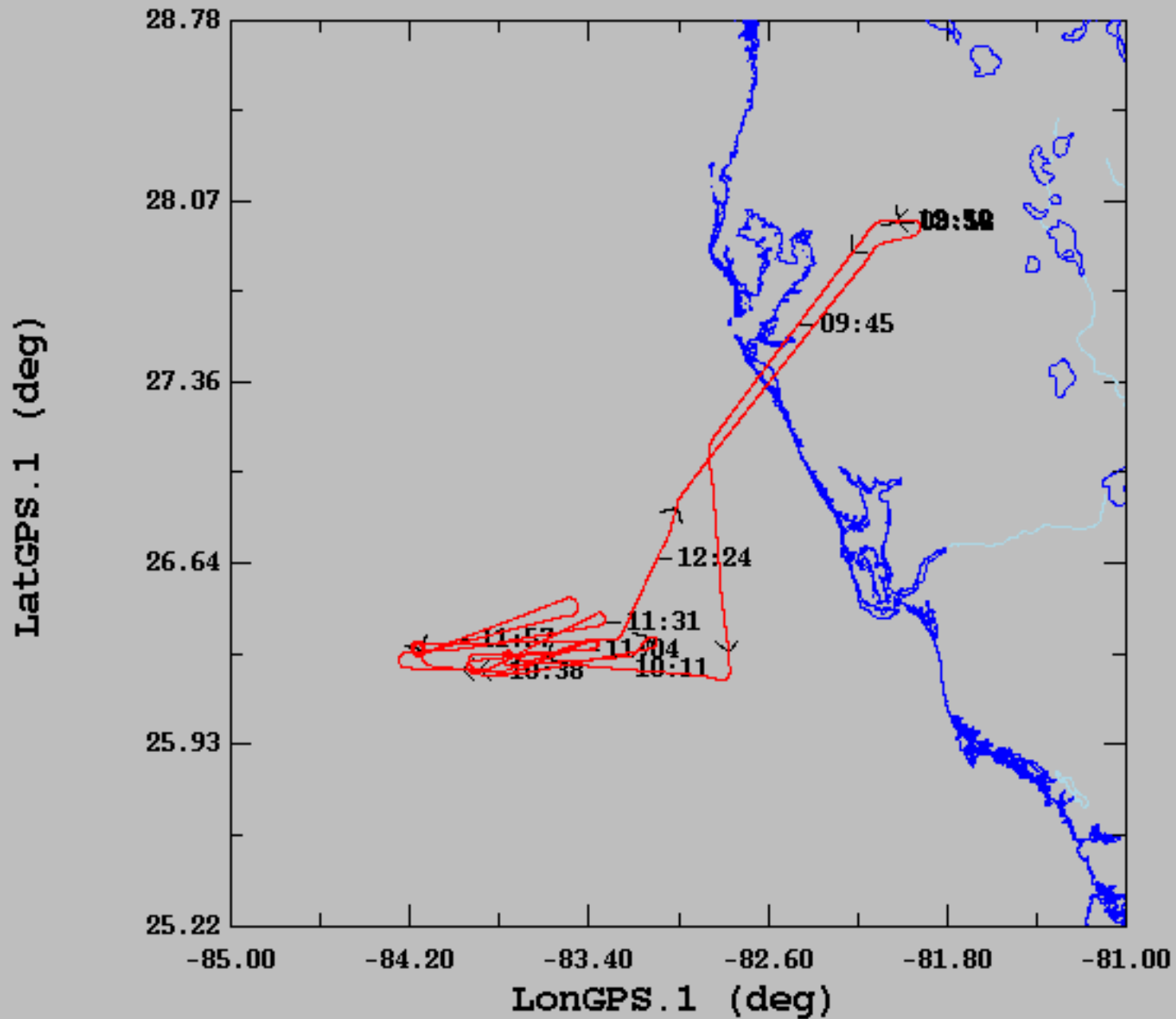
42023 2.6 00.6
83 05.2

E N26 12 W 08252
W N26 12 W 08318

E 26 15 83 18
W 26 15 83 40

20180615H1 Flight Track

2018-06-15, 08:52:10-12:50:36



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	26.85	0.73	26.18	27.99
— LonGPS.1 (deg), 1 s/sec	-83.09	0.74	-84.24	-81.92