N42RF ERROR SUMMARY 20180731H1

Flight ID: 20180731H1

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/20180731H1

Local	Met Data	Takeoff	KLAL	(1947Z)	Landing	KLAL	(2107Z)
	Dynamic Correction	ons			Ye	:S	
	AttackAngleInterd	cept			2.	31252	
	AttackAngleSlope	6.06758					
	SlipAngleIntercep	ot			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 unrepresentative throughout flight.

This instrument issue did not affect the real-time or post processed flight level data as it was not selected as the source instrument.

Expendable Type	# deployed	# good	<pre># transmitted</pre>			
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 #: 863-500-3982

ACAT-4 Version = 7.2.2

				NOA	A A	۱ira	craft O	perations Cen	ter - NOAA 42 Flig	ght Manifes	st			
FLIGHT INFORMATION						CREW MAI	MISSION INFORMATION							
FLT ID:	20180731F	11	FLT#:	LT #:			AC:	Mitchell	Scientists:	Pressure		Dropsondes		
From:	KLAL		ETD:	1700Z	jik	CP(s):		Rossi	Lisa Bucci (HRD)	A/C Takeoff		Good	Bad	Sent
То:	KLAL		ETA:	2000Z			OF (5).		Jun Zhang (HRD)	A/O Takeon		8		
Block Time Flight Time				Nav(s):	Freeman	Dave Emmit	Wx Station			U	No.			
In: 0114		In: 0100				1444(5).			Takeoff			BTs		
1111	C	Sand .		C101	\supset		FE(s)	Heystek		A/C Land		Good	Bad	Sent
Out:	101		Out:	19110	3	ı								
	Out: 94 Out: 1948		>		FD(s):	Henning		Wx Station						
Total:			Total:	10	10		(-)-	Parrish	Visitors:	Land				L
		100			SEB:	Sears	S. PAUL	Storm Number ID:						
Sponsoring Org: AOC / HRD		1791		Greene		(ie: AL072012)								
Program: PFT / PHX		half	SSA: Mascaro Peek		TCPOD/WSPOD Mission (ie: NOAA2 2418A SANDY)									
Purpose: MMR Training / DWL Test														
rulpose. WWW. Training / DWL Test				AVAPS:	Warnecke		OBSERVATIONS							
AS REQUIRED BY ORM Y N			N	REMARKS Fix Number Obs Number Fix Time				Э	SLP					
VOLCANIC ASH X			X						<u></u>					
SCIENCE MISSION WITHIN BDRY LAYER X			Х											
LACK OF PRECIPITATION X			Х											
RELATIVE HUMIDITY ≥ 80% X														
LARGE AIR-SEA TEMP GRADIENT X			Х											
HIGH SURFACE WINDS X			Х											
LONG FETCH / DURATION OF SFC WND X			Х											
SEA SALT ACCRETION FORECAST X			X											
SEA SALT ACCRETION OBSERVED														

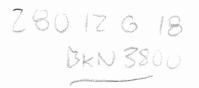
Additional	Remarks:
Addillona	r Remarks.

Cockpit Gmax:

Gmin:

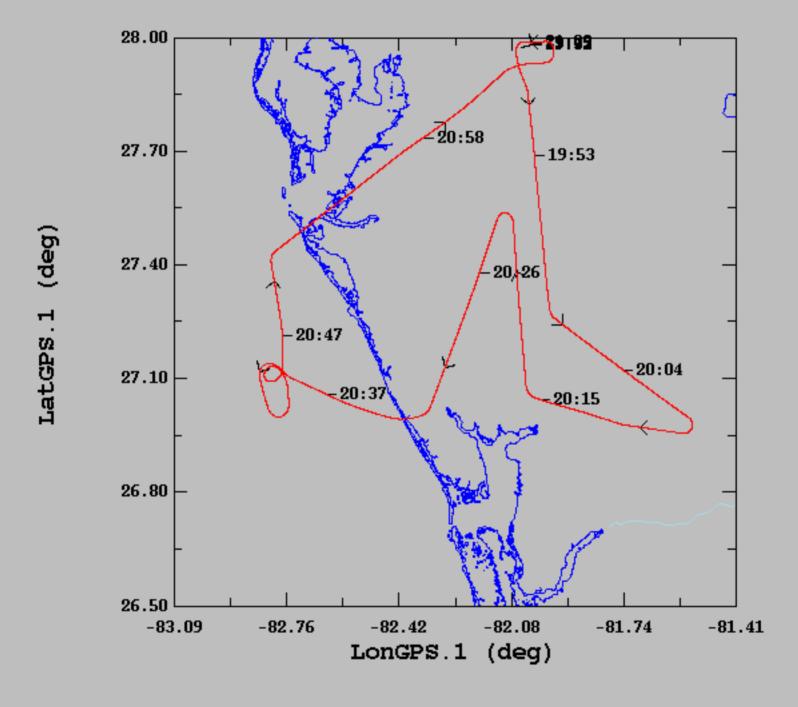
*Highlighted items must be completed before departure.





20180731H1 Flight Track

2018-07-31, 19:32:13-21:09:32



NOAA • AOC • SED N42RF AVAPS DROP LOG Lead Tech: Mike Mascaro urricane 2018

Mission: DWL Test Flight ID: 2680131 Ht Landing: 2001 Flt Dir: Henring

Project: Hurricane 2018 Take Off: 1949 2