



N49RF ERROR SUMMARY

Flight ID: 20140805N1, Hurricane Iselle Surveillance

SENSOR OR SYSTEM	NUMBER OR NAME
Static Pressure Probe	PSM.2
Dynamic Pressure Probe	PQM.2
Total Temperature Probe	TTM.4
Dewpoint Temperature Probe	TDM.2
Vertical Accelerometer	AccZI.1
Altimeter	AltGPS.3 (Novatel)
INE Selection	INE1
Dynamic Attack Pressure Probe	PDALPHA.2
Dynamic Sideslip Pressure Probe	PDBETA.2
Project Directory	/acdata/2014/MET/20140805N1

NOTES:

Data gap 165613Z-165800Z, well before takeoff.

It was noted that for the corrected radar altimeter (AltRa1.c) output, there were 2 second data dropouts approximately every 90 seconds .

The radar altimeter (AltRa.1) experienced missing data for the following times: 174400-174830Z, 175325-175515Z, 204730-204805Z, 211745-211830Z, 222350-222410Z, 222513-222521Z, 222550-222552Z, 224625-224900Z, 011052-011058Z, 011355-011421Z, 011708-011723Z.

MachADDU.2 dropout 201851-201854Z.

SPECIAL NOTE!!! The variable names DPJ_GSZ, DPJ_ASZ and DPJ_WSZ in the netCDF file represent vertical ground speed, vertical air speed and vertical wind speed, respectively, computed using Dave Jorgensen's vertical wind

# Dropsondes Dropped	# Good Dropsondes	# Messages sent to NHC
28	28	28

Note: Messages were requested to not be transmitted off the plane.

	Takeoff (1735Z) @PHNL	Land (0142Z) @ PHNL
Aircraft Static Pressure	1015.7 mb	1014.2 mb
Corrected Tower Pressure	1016.6 mb	1015.6 mb