N49RF ERROR SUMMARY
CALWATER2 MISSION #2

Flight ID: 20150117N1

Sensor or system	Number or Name
INE (for wind derivation)	INE1
Accelerometer	ACCZI.1
Temperature Probe	TTM.4
Dew Point Probe	TDM.2X (EdgeTech)
Altitude (for vertical wind)	GPS.3 (Novatel)
Static Pressure	PSM.2
Dynamic Pressure	PQM.2
Attack Angle	AA.1
Slip Angle	SA.1
Project Directory	/acdata/2015/MET/20150117N1

Notes:

There were no data gaps.

It was noted that for the corrected radar altimeter (AltRa1.c) output, there were data dropouts at approximately every 90 seconds. This was a very consistent pattern throughout the flight.

TDM.2 (EdgeTech) output was erroneous from 220657Z – 221516Z. The erroneous values were removed and replaced with TDM.1 (EdgeTech) values,

$$TDM.2 = TDM.1$$

All other instrumentation worked optimally.

Twenty-nine (29) dropsondes for science were deployed; 29 were good;

29 tempdrop messages were transmitted and received at NCEP.

Four (4) test dropsondes were deployed.

SPECIAL NOTE!!!   The variable names DPJ_GSZ, DPJ_ASZ and DPJ_WSZ in the netCDF file represent vertical ground speeds, vertical air speeds and vertical wind speeds, respectively, computed using Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

	Takeoff (2204Z) **KMCC**	**Landing (0343Z)** **KMCC**
Aircraft Static Pressure	1020.6 mb	1022.2 mb
Corrected Tower Pressure	1021.4 mb	1022.8 mb

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