



N49RF ERROR SUMMARY

Flight ID: 20140811N1, Hurricane Julio Surveillance RTB

| 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/20140811N1 |

NOTES:

Data gap 141033-141220Z, 141634-141657Z, 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: 145745 -145900Z, 181720-181740Z.

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 |
|----------------------|-------------------|------------------------|
| 0 | 0 | 0 |

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

| | Takeoff (1438Z) @KLAS | Land (1840Z) @ KMCF |
|--------------------------|-----------------------|---------------------|
| Aircraft Static Pressure | 938.6 mb | 1015.6 mb |
| Corrected Tower Pressure | 1013.9 mb | 1017.3 mb |