NOAA WP-3D N42RF ERROR SUMMARY
OCEAN WINDS WINTER 2013
22 Jan 2013 PROJECT FLIGHT #2
NESDIS (PND) CYHZ → CYHZ

Flight ID: 20130122H1

Sensor or system	Number or Name
Altitude	AltIGPS.1 (RINU)
Accelerometer	AccZfilterI-GPS.1
Dew Point Probe	TDM.2
Dynamic Pressure	PQM.2
Inertial Selected	INE1
Static Pressure	PSM.2
Temperature Probe	TTM.1
Constants File	AAMPSConfig/core/n43.xml
Flight Directory	acdata/MET/20130122H1

Local Met Data	Takeoff (1607z)	Landing (1946z)
Aircraft Static Pressure	985.7 mb	986.2 mb
Tower Pressure (corrected)	987.1 mb	985.7 mb

Notes:

Science portion of mission from 15:16z – 18:52z flown at 7000 ft radar altitude. There was a 40 second gap in all AAMPS data from 16:55:56z to 16:56:36z.

Maycomm (TDM.3) dew point sensor was essentially unusable. TDM.2 (Edgetech), the reference, as well as TDM.1 (Buck) both performed very well throughout the mission.

All other flight level instruments worked optimally during the flight.

Vertical Winds during science portion showed a mean UWZ of -0.02 m/s. The variable names GSZ_DPJ, ASZ_DPJ and WSZ_DPJ 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.

- 4 dropsondes deployed, all 4 good, none transmitted
- 2 internally loaded AXBT deployed both good

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