

Deployment 32411_0709

(NDBC 32411 - West Panama - 710 NM WSW of Panama City, Panama)

Location

Latitude: 4.924

Longitude: -90.685

Depth: 3155 m

Ocean region: 2.3 - Tropical Pacific Ocean

Time Span

Start Date: 2007-03-27

End Date: 2009-04-30

Notes

Data downloaded from http://www.ndbc.noaa.gov/historical_data.shtml

Deployment and recovery information for this record was obtained from <http://www.ngdc.noaa.gov/nndc/struts/results?&t=102597&s=1&d=1>.

Raw NDBC data have varying sampling frequencies depending upon the operating mode (i.e. whether there is a tsunami alert). Standard operating mode (1) uses 15 minute spot values, mode 2 data consists of 1 min averages of 4X15 sec spot values and mode 3 is 15 second sampling. Mode 3 data were sub-sampled to the frequency of mode 1, but mode 2 data were not compatible and were treated as missing.

Raw pressures were obtained in metres from NDBC but had been converted from psia using a conversion factor of 0.67. The true conversion should have used 0.68947573, so to convert to mb, we multiplied by $102.9 = 0.68947573 / 0.67 * 100$.

Anomalous data between 14th and 24th of September 2008 did not appear to coincide with seismic activity and were therefore flagged as suspect. This BPR is located in an area prone to seismic activity and the data must therefore be treated with caution.

An offset of 330 bar was removed from the raw pressure data.

Channels

32411_0709 (Preferred Channel)

Parameter: pressure

Supplier

Address

NOAA National Data Buoy Center

Building 3205

Stennis Space Center, MS 39529

228-688-2805

USA