Deployment 32411_1011
(NDBC 32411 - West Panama - 710 NM WSW of Panama City, Panama)

Location
Latitude: 4.947
Longitude: -90.654
Depth: 3166 m
Ocean region: 2.3 - Tropical Pacific Ocean

Time Span
Start Date: 2010-08-30
End Date: 2011-03-22

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

For tsunameter data from the NDBC (largely from the Deep-Ocean and Reporting of
Tsunamis network), information regarding deployment and recovery dates is limited.
Therefore, annual files of quality controlled data are initially concatenated for each station
and plotted in order to identify the start and end times of each deployment. The data are
segmented into individual deployment time series, so the deployment and recovery dates
are assumed dates.

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 NBDC 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.

An earthquake near Honshu can be seen in the data for 11/03/11. 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_1011 (Preferred Channel)
Parameter: pressure

Supplier

Address
NOAA National Data Buoy Center
Building 3205
Stennis Space Center, MS 39529
228-688-2805
USA