Deployment 23401_1112
(NDBC 23401 - 600 NM West-Northwest of Phuket, Thailand)

Location
Latitude: 8.905
Longitude: 88.537
Depth: unknown
Ocean region: 3.1 - Indian Ocean (East)

Time Span
Start Date: 2011-05-27
End Date: 2012-11-06

Notes

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

BPR owned and maintained by National Disaster Warning Center (NDWC), Ministry of Information and Communication Technology (MICT), Thailand

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.

Latitudes and longitudes specific to this deployment were not available, so they are taken to be those shown for the latest deployment shown on webpage www.ndbc.noaa.gov/station_page.php?station=23401 as at 04/04/2014

An offset of 350 bars was removed from the raw pressure data

Channels

23401_1112 (Preferred Channel)
Parameter: pressure

Supplier

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