

Deployment 52405_0608

(NDBC 52405 - South Philippine Sea - 725 NM West of Agana, Guam)

Location

Latitude: 12.884

Longitude: 132.317

Depth: 5968 m

Ocean region: 2.3 - Tropical Pacific Ocean

Time Span

Start Date: 2006-12-04

End Date: 2008-04-14

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 $102.9 = 0.68947573 / 0.67 * 100$.

An offset of 605 bar was removed from the raw pressure data.

These data must be treated with caution as the station is located in an area of seismic activity.

Channels

52405_0608 (Preferred Channel)

Parameter: pressure

Sensor Model: Paroscientific

Supplier

Address

NOAA National Data Buoy Center

Building 3205

Stennis Space Center, MS 39529

228-688-2805

USA