

Deployment 51406_0608

(NDBC 51406 - Central South Pacific - 1040 NM NNE of Pitcairn Island)

Location

Latitude: -8.49

Longitude: -125.017

Depth: 4473 m

Ocean region: 2.3 - Tropical Pacific Ocean

Time Span

Start Date: 2006-09-05

End Date: 2008-05-18

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 $102.9 = 0.68947573 / 0.67 * 100$.

This station was known as D125 until 13th May 2004 and 46406 from 13th May 2004 until 5th September 2006 when it became station 51406. The station was decommissioned on 28th March 2013

An offset of 455 bar was removed from the raw pressure data.

Channels

51406_0608 (Preferred Channel)

Parameter: pressure

Supplier

Address

NOAA National Data Buoy Center

Building 3205

Stennis Space Center, MS 39529

228-688-2805

USA