

Deployment 46402_0001

(NDBC 46402 - South Dutch Harbor - 220 NM SSE of Dutch Harbor, Alaska)

Location

Latitude: 50.441

Longitude: -165.039

Depth: 4936 m

Ocean region: 2.1 - Northeast Pacific Ocean

Time Span

Start Date: 2000-08-18

End Date: 2001-06-30

Notes

An offset of 500 bar was removed from the raw pressure data.

This station was known as D165 until 2002 when it became station 46402.

Raw pressures were converted from psia to mb using a conversion factor of 68.947573.

Latitudes, longitudes and depths specific to this deployment were obtained from <http://www.ngdc.noaa.gov/nndc/struts/results?&t=102597&s=1&d=1>.

Data downloaded from <http://www.ngdc.noaa.gov/nndc/struts/results?&t=102597&s=1&d=1> where they appear as deployment d165_2000. Data were supplied at 15 second sampling and were downsampled to 15 minute intervals.

The first 16 days of this record were flagged as suspect due to an unusually large initial drift which could not be adequately removed using a linear plus exponential fit.

Note that the M2 tidal amplitude and phase for deployments prior to and including 46402_0506 differs significantly to the amplitude for subsequent deployments, perhaps indicating that station positions have changed, although this is not supported by metadata shown at <http://www.ngdc.noaa.gov/nndc/struts/results?&t=102597&s=1&d=1>.

Channels

46402_0001 (Preferred Channel)

Parameter: pressure

Supplier

Address

NOAA National Data Buoy Center

Building 3205

Stennis Space Center, MS 39529

228-688-2805

USA