

Deployment N1_Pc2_7980

(Nantucket Shoals - N1)

Location

Latitude: 40.693

Longitude: -70.143

Depth: 46 m

Ocean region: 1.2 - Northwest Atlantic Ocean

Time Span

Start Date: 1979-09-20

End Date: 1980-04-19

Notes

These data were used in the study Brown, W.S., Pettigrew, N.R., Irish, J.D., 1985, The Nantucket Shoals Flux Experiment (NSFE79). Part II: The Structure and Variability of Across-Shelf Pressure Gradients, Journal of Physical Oceanography, 15,749-771.

These data appear in Moody et al., 1984, Atlas of Tidal Elevation and Current Observations on the Northeast American Continental Shelf and Slope, U.S. Geological Survey Bulletin 1611, 32 pp.

The data were collected under a co-operative field experiment (the Nantucket Shoals Flux Experiment, NSFE) by the U.S. National Marine Fisheries Service, the U.S. Geological Survey, the University of New Hampshire and Woods Hole Oceanographic Institution.

An offset of 4.6 bar was removed from the raw pressure data.

Channels

N1_Pc2_P1_7980

Parameter: pressure

Hourly data supplied to us, derived by supplier from higher frequency data by low pass filtering and sub-sampling

N1_Pc2_P2_7980 (Preferred Channel)

Parameter: pressure

Hourly data supplied to us, derived by supplier from higher frequency data by low pass filtering and sub-sampling

Supplier

Address

Prof Wendell S Brown

University of Massachusetts

Department of Estuarine and Ocean Sciences

School for Marine Science and Technology

706 S Rodney French Blvd
New Bedford, MA 02744