Deployment N4_Vg_7980
(Nantucket Shoals - N4)

Location
Latitude: 40.215
Longitude: -70.307
Depth: 105 m
Ocean region: 1.2 - Northwest Atlantic Ocean

Time Span
Start Date: 1979-03-20
End Date: 1979-12-22

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 10.5 bar was removed from the raw pressure data. This sensor appears to fail mid-record.

Channels

N4_Vg_P1_7980
Parameter: pressure

Hourly data supplied to us, derived by supplier from
higher frequency data by low pass filtering and sub-sampling
This sensor fails mid-record

N4_Vg_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 Massachussetts

Department of Estuarine and Ocean Sciences
School for Marine Science and Technology
706 S Rodney French Blvd
New Bedford, MA 02744