

Czeslaw Druet, Andrzej Jankowski

Institute of Oceanology, Polish Academy of Sciences, Sopot

Flow across south and east boundaries of the Norwegian Sea

Oceanologia 1991, no. 30, pp. 37-46

Keywords: Water masses, Water and heat exchange, Norwegian Sea, Barents Sea

Manuscript received April 24, 1990, in final form March 28, 1991.

Abstract

On the basis of the CTD vertical soundings carried out during the cruise of r/v 'Oceania' in summer 1988 in the Norwegian Sea the thermohaline structure of sea water is discussed. Estimates of the volume exchange of heat and water between the Norwegian Sea and the Atlantic Ocean and the Barents Sea are presented. Some ideas about the geostrophic circulation in the regions of observation are included in the paper.