

TRANSPORTS IN THE  
PACIFIC EQUATORIAL COUNTERCURRENT

A THESIS SUBMITTED TO THE GRADUATE SCHOOL OF THE  
UNIVERSITY OF HAWAII IN PARTIAL FULFILLMENT  
OF THE REQUIREMENTS FOR THE DEGREE OF  
MASTER OF SCIENCE  
IN OCEANOGRAPHY  
JUNE 1966

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## ABSTRACT

Volume transports in the Pacific Equatorial Countercurrent have been estimated by geostrophic methods. A thermoclinic method using only bathythermograph sections to estimate transports is introduced and evaluated. Compilation of transports in the countercurrent along 79 hydrographic sections and estimated transports along 50 bathythermograph sections are presented. It is shown that the average transport of the countercurrent decreases almost linearly from approximately 40 million cubic meters per second in the western portion of the Pacific Ocean to termination at the coast of Central America. No conclusive variations of seasonal transports were found.