

Use of COADS in global water budget studies

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Abstract

COADS has been used in two approaches to compute global oceanic evaporation: (1) Using the bulk equation approach recommended at the INO January 1988 New Orleans workshop and (2) using a modified wind term to take account of evaporation in reported calm regions. Results have been compared with previous estimates by Hsiung (1986) based on the U.S. Navy Consolidated Data Set and with the work of Baumgartner and Reichel. To help with the problem of few reports south of 50°S the evaporation is considered in conjunction with other variables such as rainfall, river run-off, and salinity.

