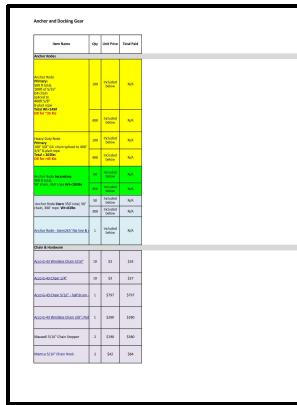


Measurements of subsurface currents off the Oregon Coast made by tracking of parachute drogues

Dept. of Oceanography, School of Science, Oregon State University - Subsurface currents off the Oregon coast as measured by parachute drogues

Description: -



Curriculum planning -- United States
Basic education -- United States
Competency based education -- United States
Günther, Johann Christian
Ocean currents -- Oregon.Measurements of subsurface currents off the Oregon Coast made by tracking of parachute drogues

Reference (Oregon State University. Dept. of Oceanography) -- 67-20.

Data report (Oregon State University. Dept. of Oceanography) -- no. 26.

Reference / Oregon State University. Dept. of Oceanography -- 67-20.

Data report / Oregon State University. Dept. of Oceanography -- no. 26.Measurements of subsurface currents off the Oregon Coast made by tracking of parachute drogues

Notes: Also available online.

This edition was published in 1967



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Tags: #Chapter #I #Observations #and #Methods #of #Current #Measurements

Chapter I Observations and Methods of Current Measurements

We are deeply indebted to Mr.

Drifters, Drogues, and Circulation

Tracking the surface flow in Lake Champlain.

Measurements of subsurface currents off the Oregon Coast made by tracking of parachute drogues

Transport and dispersal of these constituents is of major concern when it comes to the proper management of rivers, bays, lakes, and nearshore communities; however, most students fail to realize the complexities related to the forcing of this flow field or its variability over time. Aspects of summertime and wintertime hydrodynamics of Lake Champlain. Variability of speed and direction of ocean currents is one of their most outstanding characteristics.

Direct measurements of the Davidson Current off central California

Hydrodynamic corrections amounting to about ten per cent of the shear have been computed and other refinements incorporated which make this a feasible method for measuring the main structure of the major ocean currents down to depths where the.... Ocean currents represent a complicated mixture of different types of aperiodic and periodic water movements, ranging over a wide scale of size, velocity, and time.

Technical Report

Journal of Geophysical Research 90:4,741—4,755.

Direct measurements of the Davidson Current off central California

Dispersion of floatables in Lake Currents. Wyatt, designed and fabricated both the drogues and the anchored buoys, and who also took part in most of the cruises. Parachute drogues were used to determine trajectory and speed.

Technical Report

Linear regression of distance on time was used to determine the mean current for each drogue trajectory. Eddy kinetic energy in the North Atlantic from surface drifters. .

Related Books

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