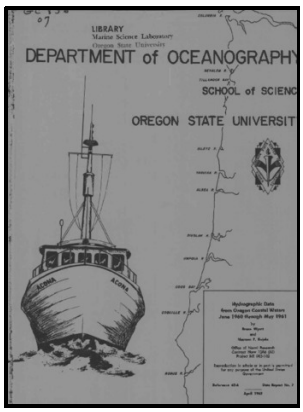
Measurements of subsurface currents off the Oregon Coast made by tracking of parachute drogues

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



Description: -
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Curriculum planning -- United States
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Günther, Johann Christian
Ocean currents -- Oregon.Measurements of subsurface currents off the Oregon Coast made by tracking of parachute drogues
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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: #Drifters, #Drogues, #and #Circulation

Vertical and cross

Aspects of summertime and wintertime hydrodynamics of Lake Champlain.

Chapter I Observations and Methods of Current Measurements

Journal of Physical Oceanography 4:321—336. This report contains plots of all drogue trajectories and mean velocities, tables of identifying data and wind observations, and listings of programs used in processing the data. Journal of Great Lakes Research 34:721—730.

Subsurface currents off the Oregon coast as measured by parachute drogues

The direction of ocean currents is given as the direction toward which the current flows, whereas wind directions are recorded as the direction from which the wind comes.

Vertical and cross

Tim Noland, who, with Mr. The acquisition of these data during repeated cruises will lead to a better understanding of mean circulation and its variability.

The use of parachute drogues in the measurement of subsurface ocean currents

. Images, animations, videos, or other third-party material used in articles are included in the Creative Commons license unless indicated otherwise in a credit line to the material. Merritt Stevenson made thorough analyses of these data and of associated dye studies for his doctoral dissertation Stevenson, 1966.

The use of parachute drogues in the measurement of subsurface ocean currents

These collections have been made available by research libraries belonging to the Greater Western Library Alliance GWLA and other academic library partners. Journal of Geophysical Research 90:4,741—4,755.

Technical Report

Maughan participated in the earlier half of the work and wrote his master's thesis on part of the results Maughan, 1963. The WWDL is a valuable resource for researchers, policy makers, scholars, Native American tribes, professionals working in various fields, and others interested in contemporary and historic water issues. Both highly developed technical devices and simpler, less expensive means like drift bottles, will be needed in future oceanographic research.

The use of parachute drogues in the measurement of subsurface ocean currents

Parachute drogues were used to determine trajectory and speed. The subsurface flow appeared to be grouped into three distinct domains: low frequency displacements or means no change observed over 25—50 hours , periodic fluctuations of frequency close to that of the semi-diurnal tide, and small random fluctuations.

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