

REFERENCES

- *Bjerknes, V. (1898): Über Cinen hydrodynamischen Fundamentalsatz und seine Anwardung besonders auf die Mekanik der Atmosphäre und des Weltmures., K. Svenska Vet. Acad. Hand., 31(4).
- *Bjerknes, V. (1900): Das dynamische Prinzip der zirkulationsbewegung in der Atmosphäre. Meteorol., Z.
- Bjerknes, V. and Sandstrom, J.W. (1910): Dynamic Meteorology and Hydrography. Part I., Statics, Carnegie Inst., Washington DC., Publ. No. 88, 146 pp.
- Bradshaw, A. and Schelliecher, K.E. (1965): The effect of pressure on the electrical conductance of sea water, Deep Sea Res., 12: 151.
- Brown, N.L. and Hammon, B.V. (1961): An inductive salinometer, Deep Sea Res., 8: 65.
- *Bumpus, D.F. and Mertineau, D. (1948): Extension of Ennis's table for the determination of density (σ_t), Woods Hole Oceanographic Institution Tech. Rep.
- Callaway, E.B. (1950): Graphical Determination of Specific Volume Anomalies and Current, U.S. Navy Hydrographic Office, Washington, D.C.
- Cox, R.A., Culkin, F. and Riley, J.P. (1967): The electrical conductivity/chlorinity relationship in natural sea water, Deep Sea Res., 14: 203.
- Cox, R.A., McCartney and Culkin, F. (1968): Pure water for relative density standard, Deep Sea Res., 15: 319.

- Cox, R.A., McCartney and Culkin, F. (1970): The specific gravity/salinity/temperature relationship in natural sea water, Deep Sea Res., 17: 679.
- Culkin, F. (1965): in Riley, J.P. and Skirrow, G. (ed.) Chemical Oceanography, Vol. I, Academic Press, New York, pp. 121-162.
- * Defant, A. (1941a): Die absolute Berechnung Ozeanischer Ströme nach dem dynamischen Verfahren., Ann. Hydrograph. Marit. Meteorol., No.6.
- Defant, A. (1941b): Die absolute Topographie des physikalischen Meeresniveaus und der Druckflächen, sowie die Wasserbewegungen im Atlantischen Ocean, Deutsche Atlantische Exped. 'Meteor' 1925-1927, 6(5): 191.
- * Dietrich, G. (1936): Aufbau und Bewegung von Golfstrom und Agulhasstrom, Naturwissenschaften, No.15.
- Dobrovolskii, A.D. (1949): Contribution to the problem of the location of the zero surface for dynamic computation in the North Pacific, Tr. Inst. Okeanol. Akad. Nauk SSSR, Vol.4.
- Dittmar, W. (1884): in The voyage of H.M.S. Challenger Murray, J. (ed.) Vol.I, H.M. Stationery Office, London, pp. 1-251.
- Ekman, V.W. (1908): Die Zusammendruckbarkeit des Meerwassers. Conseil. Perm. Intern. p. l'Explor. de la Mer , Pub. de Circonstance, No.43, 47 pp.

- Ennis, C.C. (1944): Note on the computation of the density of sea water and on the correction of deep-sea reversing thermometers, Carnegie Inst. Wash. Pub. No.545, pp. 23-42.
- Fleming, R.H. (1939): Tables for sigma-T, Jour. Mar. Res., 2: 9-11.
- Fomin, L.M. (1964): The Dynamic Method in Oceanography, Elsevier Publishing Company, New York, 212 pp.
- * Forch, C., Knudsen, M. and Sorensen, S.P.L. (1902): Kgl. Dan. Vidensk. Selsk. Raekke, naturvideusk, og methem Afd. XII, I, Skrifter, 6, 151 pp.
- Goren, P. (1948): Methods for estimating dynamic slopes and currents in shallow water. J. Mar. Res., 6(3).
- * Goulet, J.R. and Culverhouse, B.J. (1972): J. Geophys. Res., 77: 4588.
- * Grasshoff, K. (1968): ICES, CM 1968/C, 39, Hydr. Comm.
- Grasshoff, K. (1976): in Grasshoff, K. (ed.) Methods of Sea water Analysis, Verlag, Chemie. weinheim, New York, p. 31.
- * Grasshoff, K. and Hermann, F. (1975): I.C.E.F., CM 1975/C, 46, Hydr. Comm.
- Helland-Hansen, B. (1916): Nogen Hydrografiske metoder. Skand. Naturforsker mote, Kristiania (Oslo), p. 357.
- Helland-Hansen, B. (1934): The Sognefjord section, James Johnstone Memorial Volume, Liverpool Uni. Press, pp. 257-274.
- Hidaka, K. (1940a): Absolute evaluation of ocean currents in dynamical calculations, Proc. Imp. Acad., Tokyo, 16(8): 391.

- *Hidaka, K. (1940b): A practical evaluation of ocean currents, Proc. Imp. Acad., Tokyo, Vol.16.
- Hidaka, K. (1949): Depth of motionless layer as inferred from the distribution of salinity in the oceans, Trans. Am. Geophys. Union, 30(3).
- Hidaka, K. (1950): An attempt to determine the motionless layers in the ocean, Oceanogr. Mag., 2(1).
- Iselin, C. O'D. (1936): A study of the circulation of the Western North Atlantic, Papers Phys. Oceanog. and Meteor., 4(4): 101.
- *Jacobsen, J.P. (1916): Contribution to the hydrography of the Atlantic, Medd. Komm. Havundersgelser, Ser. Hydrografi, Vol.2.
- *Jacobsen, J.P. and Jensen, A.J. (1926): Examination of hydrological measurements from the research vessels 'Explorer' and 'Dana' during the summer of 1924, Rapp. Conseil Perm Intern. Exploration Mer., Vol.39.
- Jacobsen, J.P. and Knudsen, M. (1940): Urnormal 1937 or primary standard sea water 1937, Internat. Assn. Phys. Oceanogr. Pub. Sci., 7, 38 pp.
- Jakhelln, A. (1936): The water transport of the gradient currents, Geofys. Publikationer, 11(11): 1.
- Knudsen, M. (1901): Hydrographical Tables, G.E.C. Gad, Copenhagen, 63 pp.
- *Knudsen, M. (1903): Pub. Circ. Cons. Perm. Int. Explor. Mer. 5, pp 11-13.

- Knudsen, M., Forch, C. and Sorensen, S.P.L. (1902): in Wissenschaftliche Meeresuntersuchungen (Neue Folge), Bd.6, Lipsias und Tischer, Kiel, pp. 123-184.
- Kratky, O., Leopold, H. and Stablenger, H. (1969): Dichtemessungen an Flüssigkeiten und Gasen auf 10^{-5} g/cm³ bis 0.6 cm³ preparativolumen, Z. Angew. Phys., 27: 273.
- Kremling, K. (1971): Measurement of sea water density by a new laboratory method, Nature, 229: 109.
- Kremling, K. (1972): Comparison of specific gravity in natural sea water from hydrographical tables and measurements by a new density instrument, Deep Sea Res., 19: 377.
- *LaFond, E.C. (1940): Practical Oceanographic Tables, Univ. of Calif., Scripps Institution of Oceanography
- LaFond, E.C. (1951): Processing Oceanographic Data, H.O. Pub.No.614, U.S. Navy Hydrographic Office, Washington, D.C., 114 pp.
- Layman, J. (1969): Redefinition of salinity and chlorinity, Limnol. Oceanogr., 14: 928.
- Layman, J. and Fleming, R.H. (1940): Composition of sea water, J. Mar. Res., 3: 134.
- *Mamaev, O.L. (1955): Methods of determining the zero dynamic surface in the world ocean, Vestn. Mosk. Univ., No.10.

- Mathews, D.J. (1932): Tables for the Determination of the Density of the Sea Water under Normal Pressure, Conseil Perm. Intern. P. l'Explor. de la Mer, Copenhagen, 59 pp.
- McEwen, G.H. (1929): Tables to Facilitate Dynamic Computations of Ocean Currents according to the Bjerknes Circulation Theory, Univ. of Calif., Scripps Institution of Oceanography.
- Montgomery, R.B. (1954): Analysis of a Hugh M. Smith oceanographic section from Honolulu southward across the equator, J. Mar. Res., 13: 67.
- Montgomery, R.B. and Stroup, E.D. (1962): Equatorial Waters and Currents at 150°W in July-August 1952, John Hopkins Oceanogr. Stud., No.1, 68 pp.
- Montgomery, R.B. and Wooster, W.S. (1954): Thermohaline anomaly and the analysis of serial oceanographic data, Deep Sea Res., 2: 63.
- Morris, A.W. and Riley, J.P. (1964): Direct gravimetric determination of salinity of sea water, Deep Sea Res., 11: 899.
- *Murray, J. (1893): Trans. Roy. Soc., Edinburgh, 37: 481.
- *Park, K. (1965): J. Oceanogr. Soc. Japan, 21: 124.
- *Parr, A. (1938): Analysis of current profile by a study of pycnometric distortion and identifying properties, J. Mar. Res., No.4.
- *Perkin, R.G. and Walker, E.R. (1972): J. Geophys. Res., 12: 6618.

- Riley, J.P. (1965): in Riley J.P. and Skirrow, G. (ed.)
Chemical Oceanography, Vol.3, Academic Press,
London, p. 295.
- Riley, J.P. (1975): in Riley, J.P. and Skirrow, G. (ed.)
Chemical Oceanography, Vol.3, (2nd Edition),
Academic Press, London, p. 193.
- Rossby, C.G. (1936): Dynamics of steady ocean currents
in the light of experimental fluid dynamics,
Papers Phys. Oceanog. and Meteor., 5(1)
(Cambridge, Mass.)
- Scarborough, B. (1966): Numerical Mathematical Analysis
(6th Edition), The Johns Hopkins Press, Baltimore,
U.S.A., 600 pp.
- Sandstrom, J.W. and Helland-Hansen, B. (1903): Über die
Berechnung von Meeresströmungen, Rep. Norweg. Fish.
Mar. Invest., 2(4): 1.
- Sastry, J.S. (1971): Proc. Symp. Indian Ocean and Adjacent
Seas - Their Origin, Science and Resources, Cochin
(India).
- Sastry, J.S. and D'Souza, R.S. (1971): Oceanography of the
Arabian sea during the southwest monsoon season -
Part II: Stratification and circulation,
Indian J. Met. Geophys., 22: 23.
- Sastry, J.S. and D'Souza, R.S. (1972): Oceanography of the
Arabian sea during the southwest monsoon season -
Part III: Salinity, Indian J. Met. Geophys., 23(4):
479.
- Seiwell, H.R. (1937): The minimum oxygen concentration in
the western basin of the North Atlantic,
Papers Phys. Oceanog. and Meteor., 5(3).

- Shtokman, V.B. (1950): Determination of current velocities and of density distribution in a transverse section of an infinite channel as a function of the wind effect and lateral friction, Dokl. Akad. Nauk SSSR, 71(1).
- *Shtokman, V.B. (1951): Determination of stationary currents and of the field of mass resulting from wind in a baroclinic sea, Tr. Inst. Okeanol. Akad. Nauk SSSR, Vol.6.
- Shumacher, A. (1923): Neue Hilfstafeln für die Unikippthermometer nach Richter und Beiträge zur thermometrischen Tiefenmessung, Ann. Hydr. Marit. Met., 5(51): 271.
- Sorensen, S.P.L. (1902): in Knudsen M. (ed.) Berichte über die Konstantenbestimmungen zur Aufstellung der hydrographischen Tabellen, 3, Copenhagen, pp. 93-138.
- Stroup, E.D. (1954): Mid-Pacific oceanography, Part IV, transequatorial waters January-March 1952, Spec. Sci. Rep. U.S. Fish. Wildl. Serv., Fish No.135, p. 52.
- Sund, O. (1926): Graphical calculation of specific volume and dynamic depth, Jour. Conseil, 1: 233.
- Sverdrup, H.U. (1933): Verinfachtes Verfahren zum Berechnung der Druck und Massenverteilung im Meere, Geofys., Pub. 10(1): 1.
- Sverdrup, H.U. (1938): On the explanation of the oxygen maxima and minima in the oceans, Conseil. Perm. Intern. P. l'Expl. de la Mer, J. Cons., 13(2): 163.

- Sverdrup, H.U., Johnson, M.W. and Fleming, R.H. (1942):
The Oceans - Their Physics, Chemistry and General Biology, Prentice Hall Inc., Englewood Cliffs, N.J., 1027 pp.
- Thompson, E.F. (1939): A rapid method for the determination of dynamic heights (or depths) at successive lowerings at an anchor station, J. Mar. Res., 2(2).
- UNESCO (1962): Tech. Papers in Mar. Sci., No.1, 29 pp.
- UNESCO (1965): Tech. Papers in Mar. Sci., No.4, 29 pp.
- UNESCO (1966): International Oceanographic Tables, National Institute of Oceanography of Great Britain and UNESCO, 118 pp.
- UNESCO (1968): International Oceanographic Tables, National Institute of Oceanography of Great Britain and UNESCO, 128 pp.
- *Walker, E.R. and Chapman, K.D. (1973): Pacific Marine Science Report, 73-5, 52 pp. (Unpublished manuscript Pacific Marine Sciences Directorate, Victoria B.C.
- Wattenberg, H. (1938): Die Verteilung des Sauerstoffs im Atlantischen Ozean. Meteor - Werk, 9(1) (Berlin).
- Wilson, F.R.S. (1975): in Riley J.P. and Skirrow, G. (ed.) Chemical Oceanography, Vol.I (2nd edition), Academic Press, London, pp. 365-413.
- Wooster, W.S., Lee, A.J. and Dietrich, G. (1969): Redefinition of salinity, Deep Sea Res., 16: 321.



*Wust, G. (1935): Schichtung und Zirkulation des Atlantischen Ozeans, Die Stratosphäre, Wiss Ergeb. Deut Atlant. Exped. 'Meteor' 1925-1927, Vol.6, Part 2.

Wust, G. (1955): Stromgeschwindigkeiten im tiefen - und boden - Wasser auf Grund dynamischer Meteor - Profile der Deutschen Atlantischen Expedition 1925-1927, Deep Sea Res., Suppl. to Vol.3.

Young, H.D. (1962): Statistical Treatment of Experimental Data, McGraw Hill Book Co. Inc., New York, 172 pp.

*Not referred to in original.