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Bibliography of the physical, chemical, and geological oceanography of Chesapeake Bay

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BIBLIOGRAPHY OF THE PHYSICAL, CHEMICAL, AND GEOLOGICAL OCEANOGRAPHY OF CHESAPEAKE BAY

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This bibliography lists published and unpublished references containing information on the physical, chemical and geological oceanography of the Chesapeake Bay. The broad scope of oceanography necessitates inclusion of related environmental material from fields of hydrology, meteorology, groundwater geology and water pollution. Selection and grouping of references within the bibliography is based on pertinence of the subject as judged by the author. Where the reference covers more than one oceanographic aspect considered, it is listed separately under the appropriate sections. A few references dealing chiefly with biological oceanography are included if they contain new or significant data bearing on physical, chemical or geological oceanography.

In preparing this bibliography it was not possible to examine all unpublished references given. These references are frequently incomplete and may not be attainable. They should be cited with utmost caution. Most of the published material is located in libraries of marine institutions on the Chesapeake Bay or in libraries of government agencies in Washington, D. C.

The author wishes to acknowledge the help of Miss Evelyn Wells, staff librarian, Virginia Institute of Marine Science for checking some of the references.

Maynard M. Nichols


1951-1952. Inshore survey program quarterly progress reports, Nos. 1-6. (Ref. 51-6, 51-11, 52-1, 52-8, 52-14, 52-22,) Chesapeake Bay Inst.


1952b. Cruise IX, 7 April 1951 - 19 April 1951. Data Rep. 9, (Ref. 52-11), Chesapeake Bay Inst. 31 p.


Chesapeake Bay Institute, The Johns Hopkins University. 1952e. Cruise XI, 1 August 1951 - 7 August 1951. Data Rep. 12 (Ref. 52-21), Chesapeake Bay Inst. 34 p.


1953d. Patuxent River spring cruise, April 3-8, 1952. Data Rep. 16 (Ref. 53-14), Chesapeake Bay Inst. 56 p.


1954g. Patuxent River winter cruise, 3 December - 7 December 1952. Data Rep. 23 (Ref. 54-10), Chesapeake Bay Inst. 44 p.


1960. Holland Straits dye study, 1 and 2, preliminary operations reports. Unpubl. MS.


Huntsman, A. C. 1949. Oceanographic research on Chesapeake Bay. Univ. Toronto. Unpubl. MS.


McDonald, M. 1885. Fluctuations of water temperature in the Chesapeake region, and diagram showing the fluctuations of water temperature in the Chesapeake Bay and Potomac River from July 1st, 1882, to June 30th, 1883, constructed from observations made at Winter Quarter Shoals, Virginia, Wolf Trap Bar, Virginia, and at Washington, D. C. U. S. Comm. Fish. Rep. for 1883, p. 1034.


Pohmer, D. W. 1948. A study of certain agents influencing the hydrology of Baltimore harbor. The Johns Hopkins Univ. Unpubl. MS.
Pollak, M. J. 1952a. Offshore oceanographic survey of 16 to 17 August 1951. Inshore Surv. Interim Rep. 9 (Ref. 52-9), Chesapeake Bay Inst., Johns Hopkins Univ. 2 p. xvii

1952b. Offshore oceanographic survey of 8 to 10 November 1951. Inshore Surv. Interim Rep. 10 (Ref. 52-10), Chesapeake Bay Inst., Johns Hopkins Univ.


(undated). Temperature and salinity data collected from Norfolk Navy Yard, Elizabeth River, July 1889 - September 1890. Unpubl. MS.

(undated). Temperature and some salinity data collected at various lights in Chesapeake Bay in April, May and October 1911. Unpubl. MS.
U. S. Coast and Geodetic Survey. (undated). Air and water temperatures, hydrometer readings, turbidity, etc. at various stations from Chain Bridge to the mouth of the Potomac River, August 1931 to 31 December 1914 and 2 January 1915 to 6 May 1915. Unpubl. MS.


U. S. Congress. 1930. Patuxent River, Maryland. Letter from the Secretary of War transmitting report from the Chief of Engineers, U. S. Army, on Patuxent River, Maryland. 71st Congress. 2nd Sess., House Doc. no. 463, 142 p.


U. S. Congress. House. 1934. Rappahannock River, Virginia. Pursuant to Section 1 of the River and Harbor Act approved January 21, 1927, a letter from the Chief of Engineers, United States Army, dated September 25, 1933, submitting a report, together with accompanying papers and illustrations, containing a general plan for the improvement of Rappahannock River, Virginia, for the purposes of navigation and efficient development of its water power, the control of floods, and the needs of irrigation. 73d Congr. 2d Sess., House Doc. no 186, 97 p.


CHEMICAL OCEANOGRAPHY

Including chemical character of tributary waters, pollution studies, nutrients, etc.


Chesapeake Bay Institute. 1959b. York River Cruise, 29 July - 1 August 1954. Data Rep. 30 (Ref. 57-5), Chesapeake Bay Inst. 32 p.


Hopkins, T. C. and W. V. Burt. 1951. The distribution of temperature and salinity at the mouth of the Chesapeake Bay. Inshore Survey Interim Rep. 3 (Ref. 51-8), Chesapeake Bay Inst. 12 p.

Huntsman, A. C. 1949. Oceanographic research on Chesapeake Bay. Univ. Toronto. Unpubl. MS.


Medford, R. (undated). Notes on salinity review of Chesapeake Bay and group discussion of factors relative to the selection of a permanent laboratory site. U. S. Fish and Wildl. Serv., Annapolis. Unpubl. MS.


U. S. Coast and Geodetic Survey. (undated). Temperature and salinity data collected from Norfolk Navy Yard, Elizabeth River, July 1889 September 1890. Unpubl. MS.

_________ (undated). Temperature and some salinity data collected at various lights in Chesapeake Bay in April, May and October 1911. Unpubl. MS.

_________ (undated). Air and water temperatures, hydrometer readings, turbidity, etc. at various stations from Chain Bridge to the mouth of the Potomac River, August 1913 to 31 December 1914 and 2 January 1915 to 6 May 1915. Unpubl. MS.


GEOLOGICAL OCEANOGRAPHY

Coastal geomorphology, recent sediments. Pleistocene geology, engineering geology, groundwater resources, bottom morphology, etc.


Chesapeake Bay Institute, The Johns Hopkins University. 1953. Bottom photography cruise. Inshore Surv. Interim Rep. 19 (Ref. 53-6), Chesapeake Bay Inst.


Huntsman, A. C. 1949. Oceanographic research on Chesapeake Bay. Univ. Toronto. Unpubl. MS.


Chesapeake Bay region. Guidebook 5, 16th Intern. Geol. Congr.
49 p.

Supp, C. W. 1952. Engineering geology of the Chesapeake Bay bridge,

Truitt, R. V. 1942. Annual report, Chesapeake Biological Laboratory,

_________ 1946. Chesapeake Biological Laboratory, Maryland Department
of Research and Education, annual report 1946. Maryland

_________ 1947-1954. Annual report, Department of Research and
11:125-156.

U. S. Army Corps of Engineers. 1952. Lynnhaven Bay and Inlet,
Virginia, model investigation. Tech. Mem. 2-348, Waterways
Exp. Sta., Vicksburg, Mississippi. 50 p., 70 pls.

_________ 1962. Interim report on Lynnhaven Inlet, Bay and connecting
(with appen.) 86 p.

U. S. Congress. 1930a. Patuxent River, Maryland. Letter from the
Secretary of War transmitting report from the Chief of Engineers,
v.s. Army, on Patuxent River, Maryland. 71st Congress. 2d Sess.
House Doc. no. 463, 142 p.

_________ 1930b. James River, Virginia. Report from the Chief of
Engineers, on preliminary examination and survey of James River,

_________ House. Committee on Rivers and Harbors. 1930. Pamunkey
River, Virginia, York River system. Report from the Chief of
Engineers on the Pamunkey River, Virginia (York River system),
covering navigation, flood control, power development, and
irrigation, with illustrations. 71st Congr. 2d Sess. House Doc.
no 54, 142 p.
U. S. Congress. House. 1934. Rappahannock River, Virginia. Pursuant to Section 1 of the River and Harbor Act approved January 21, 1927, a letter from the Chief of Engineers, United States Army, dated September 25, 1933, submitting a report, together with accompanying papers and illustrations, containing a general plan for the improvement of Rappahannock River, Virginia, for the purposes of navigation and efficient development of its water power, the control of floods, and the needs of irrigation. 73d Congr. 2d Sess., House Doc. no. 186, 97 p.


_________ 1936b. Comprehensive report on the upper Chesapeake Bay drainage basin. W.P.A. cooperating with the Maryland State Planning Comm. Unpubl. MS.


_________ 1908. Survey of oyster bars, Somerset County, Maryland. U. S. Coast and Geodetic Surv. 118 p.


1912b. Survey of oyster bars, Queen Anne County, Maryland. U. S. Coast and Geod. Surv. 176 p.


