

Water Resources of Virginia

inventory of printed information and data



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WATER RESOURCES OF VIRGINIA

An Inventory of Printed Information and Data

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FOREWORD

On July 17, 1964, President Lyndon B. Johnson signed into law the Water Resources Research Act of 1964 (P. L. 88-379) providing for the establishment of a Water Resources Research Institute or Center in each of the 50 states and the Commonwealth of Puerto Rico. These Centers are enlisting the intellectual powers of universities and research institutes in a nationwide research effort to conserve and utilize our water resources "in order to assist in assuring the Nation at all times of a supply of water sufficient in quantity and quality to meet the requirements of its expanding population." In early 1965 the Water Resources Research Center began to take form at Virginia Polytechnic Institute. Administrative responsibility for the Center is vested in a Director with policy being set by an administrative committee consisting of the Vice President, Dean of Agriculture, and Dean of Engineering. Faculty members from disciplines concerned with various phases of water resources make up the Technical Advisory Committee which assists in planning, developing, and evaluating projects and proposals concerned with water resources and conservation.

It was recognized from the beginning that the Center could not reach its potential and be of greatest service to the state of Virginia unless a forum were provided which enabled state and federal agencies concerned with water resources development, local governments, concerned citizens, and the industrial community to have direct communication with the Center. In recognition of this need, a Statewide Advisory Committee was established with membership from these various groups. At the first meeting of the Committee, many members expressed a basic and urgent need for an inventory of published information and data on the general subject of water resources in Virginia. This publication is in response to the need expressed at that meeting. It is also hoped that the report will be of material aid to investigators preparing proposals or initiating research endeavors in water resources problems pertinent to Virginia needs.

The publication is divided into two basic indexes: an author index and a subject and geographic index. Publications prepared for an agency but listing individual authors have been listed under the author index. Papers prepared for agencies which do not identify the author are indexed according to agency name. Listing of authors and subjects is alphabetical. Where one author has several listings, these are chronologically ordered with a few exceptions, e.g. U. S. Army Corps of Engineers, wherein ordering is alphabetical by the name of the body of water concerned. An appendix enumerates the addresses of state and federal government organizations concerned with research, planning, development, and use of water or water related resources in Virginia.

Although much outstanding work by Virginians active in water resources has been published, the principal coverage herein has been limited largely to materials dealing wholly or in part with aspects of water resources with specific reference, geographical or otherwise, to Virginia. Some listings from related fields are also included. All mistakes, deletions or omissions, and improper notations are the sole responsibility of the editors.

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APPENDIX

Addresses of State and Federal Government
Organizations Concerned With Research,
Planning, Development, and Use of Water
or Water-Related Resources in Virginia

STATE AGENCIES

- Advisory Legislative Council, State Capitol, Richmond, Virginia
23219
- Agricultural Experiment Station, Virginia Polytechnic Institute,
Blacksburg, Virginia 24061
- Agricultural Extension Service, Virginia Polytechnic Institute,
Blacksburg, Virginia 24061
- Commission of Fisheries, 2401 West Avenue, Newport News, Vir-
ginia
- Commission of Game and Inland Fisheries, P. O. Box 1642, Rich-
mond, Virginia 23213
- Department of Agriculture and Immigration, 203 N. Governor
Street, Richmond, Virginia 23219
- Department of Conservation and Economic Development, State Of-
fice Building, Richmond, Virginia 23219
- Department of Health, Blanton Building, Richmond, Virginia
23219
- Department of Highways, 1221 East Broad Street, Richmond, Vir-
ginia 23219
- Division of Industrial Development and Planning, 1010 State
Office Building, Richmond, Virginia 23219
- Division of Mineral Resources, P. O. Box 3667, University Sta-
tion, Charlottesville, Virginia 22903
- Division of Parks, 403 Southern States Building, 7th and Main
Streets, Richmond, Virginia 23219
- Division of Water Resources, 10 South 10th Street, Richmond,
Virginia 23219
- Engineering Experiment Station, Virginia Polytechnic Institute,
Blacksburg, Virginia 24061
- Engineering Extension Division, Virginia Polytechnic Institute,
Blacksburg, Virginia 24061
- Outdoor Recreation Study Commission, State Office Building,
Richmond, Virginia 23219
- Soil and Water Conservation Commission, P. O. Box 2148, Rich-
mond, Virginia 23216
- State Corporation Commission, P. O. Box 1197, Richmond, Vir-
ginia 23209
- State Library, 12th and Broad Streets, Richmond, Virginia 23219
- State Ports Authority, 1600 Maritime Tower, Norfolk, Virginia
23510
- State Water Control Board, P. O. Box 5285, Richmond, Virginia
23220
- University of Virginia, Charlottesville, Virginia 22903

Virginia Institute of Marine Science, Gloucester Point, Virginia
23062

Virginia Military Institute, Lexington, Virginia 24451

Virginia Polytechnic Institute, Blacksburg, Virginia 24061

Water Resources Research Center, Virginia Polytechnic Institute,
Blacksburg, Virginia 24061

FEDERAL AGENCIES

Agricultural Research Service, Department of Agriculture, 14th
and Independence Avenue, S.W., Washington, D. C. 20250

Agricultural Stabilization and Conservation Service, Department
of Agriculture, 14th and Independence Avenue, S.W., Washing-
ton, D. C. 20250

Appalachian Regional Commission, 1666 Connecticut Avenue, Wash-
ington, D. C. 20250

Bureau of Outdoor Recreation, Department of Interior, 18th and
C Streets, N.W., Washington, D. C. 20240
Southeast Regional Office, 810 New Walton Building, Atlanta,
Georgia.

Bureau of the Budget, The Executive Office Building, 17th and
Pennsylvania Avenue, N.W., Washington, D. C. 20503

Bureau of Public Roads, Department of Commerce, 14th and Consti-
tution Avenue, Washington, D. C. 20235

Committee on Water Resources Research, Office of Science and
Technology, The Executive Office Building, 17th and Pennsyl-
vania Avenue, N.W., Washington, D. C. 20503

Corps of Engineers - See U. S. Army

Farmers Home Administration, Department of Agriculture, 14th and
Independence Avenue, S.W., Washington, D. C. 20250

Federal Power Commission, General Accounting Office Building,
441 G Street, N.W., Washington, D. C. 20426

Fish and Wildlife Service, Department of Interior, 8th and C
Streets, N.W., Washington, D. C. 20240
Bureau of Commercial Fisheries, C Street Between 18th and
19th Streets, N.W., Washington, D. C. 20240
Bureau of Sport Fisheries and Wildlife, C Street Between
18th and 19th Streets, N.W., Washington, D. C. 20240

Forest Service, Department of Agriculture, 14th and Independence
Avenue, S.W., Washington, D. C. 20250

Geological Survey, Department of the Interior, 18th and C
Streets, N.W., Washington, D. C. 20240
District Office, P. O. Box 3327, University Station,
Charlottesville, Virginia

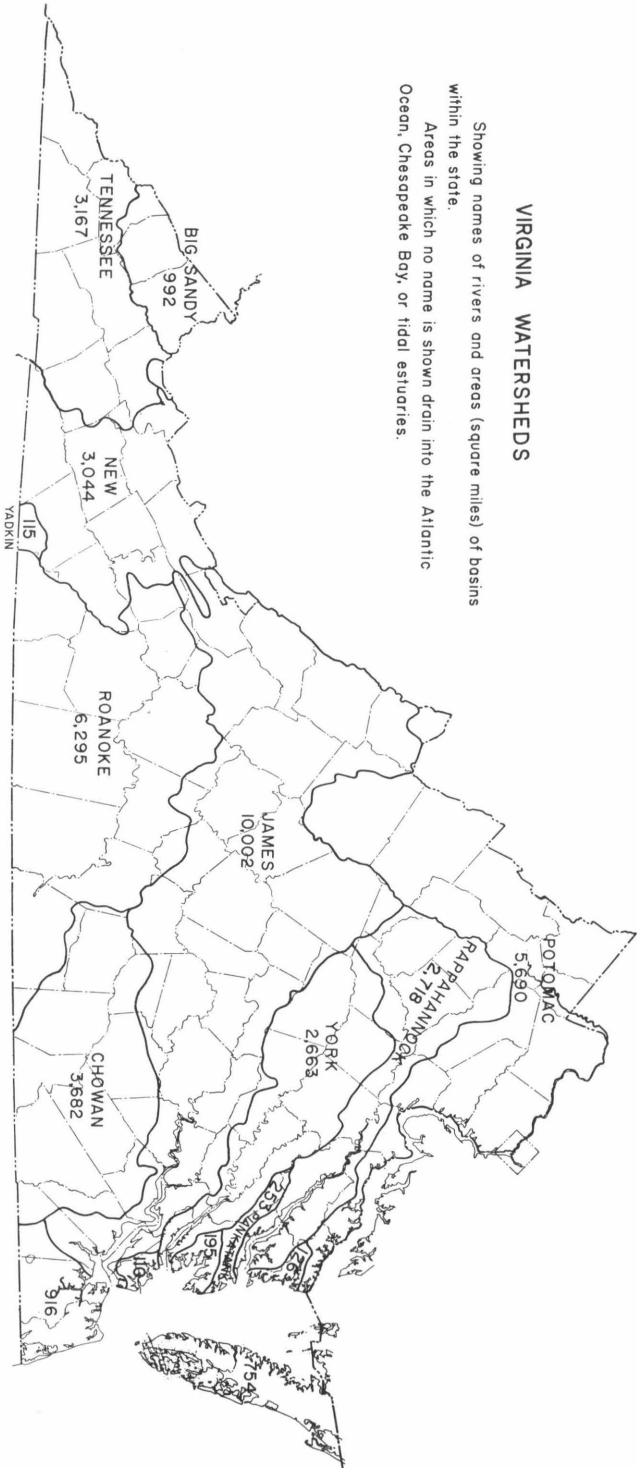
Housing and Home Finance Agency, 1626 K Street, N.W., Washington,
D. C. 20410
Regional Office, Room 1004, Widener Building, Chestnut and
Juniper Streets, Philadelphia, Pennsylvania 19107

- Interstate Commerce Commission, 12th and Constitution Avenue,
N.W., Washington, D. C. 20423
- National Park Service, Department of Interior, 18th and C
Streets, N.W., Washington, D. C. 20240
- Naval Research Laboratory, Department of Defense, 4555 Over-
look Avenue, S.W., Washington, D. C.
- Office of Business Economics, Department of Commerce, 1832 M
Street, N.W., Washington, D. C. 20230
- Office of Saline Waters, 1107 16th Street, N.W., Washington,
D. C. 20242
- Office of Water Resources Research, Department of Interior,
18th and C Streets, N.W., Washington, D. C. 20240
- Public Health Service, Department of Health, Education, and
Welfare, 330 Independence Avenue, S.W., Washington, D. C.
20201
District Office, 700 East Jefferson Street, Charlottesville,
Virginia 22901
- Science Information Exchange, Smithsonian Institution, Madison
National Bank Building, Suite 300, 1730 M Street, N.W.,
Washington, D. C. 20036
- Soil Conservation Service, Department of Agriculture, 14th and
Independence Avenue, Washington, D. C. 20250
State Conservationist, P. O. Box 10026, Richmond, Virginia
23240
- Tennessee Valley Authority, Woodward Building, Room 435, 1426 H
Street, N.W., Washington, D. C. 20444
Union Building, Knoxville, Tennessee 37902
- U. S. Army, Corps of Engineers, Department of Defense, Pentagon,
Washington, D. C. 20301
*U. S. Army Engineer District, Norfolk, Corps of Engineers,
Foot of Front Street, Norfolk, Virginia 23510
*U. S. Army Engineer District, Baltimore, Corps of Engineers,
P. O. Box 1715, Baltimore, Maryland 21203
*U. S. Army Engineer District, Huntington, Corps of Engi-
neers, P. O. Box 2127, Huntington, West Virginia 25701
*U. S. Army Engineer District, Nashville, Corps of Engineers,
P. O. Box 1070, Nashville, Tennessee 37202
*U. S. Army Engineer District, Wilmington, Corps of Engi-
neers, P. O. Box 1890, Wilmington, North Carolina 28402
*U. S. Army Engineer District, Charleston, Corps of Engi-
neers, P. O. Box 905, Charleston, South Carolina 29402
Coastal Engineering Research Center, 5201 Little Falls Road,
N.W., Washington, D. C. 20160
Waterways Experiment Station, P. O. Box 631, Vicksburg,
Mississippi
- Water Pollution Control Administration, Department of Health,
Education and Welfare, 330 Independence Avenue, S.W., Wash-
ington, D. C. 20201
District Office, 700 East Jefferson Street, Charlottesville,
Virginia 22901
- Weather Bureau, 2400 M Street, N.W., Washington, D. C. 20235

*Note: District boundaries for civil works follow drainage
divides rather than political boundaries.

VIRGINIA WATERSHEDS

Showing names of rivers and areas (square miles) of basins within the state.
Areas in which no name is shown drain into the Atlantic Ocean, Chesapeake Bay, or tidal estuaries.



water resources research center
virginia polytechnic institute blacksburg

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