

SELECTED PUBLICATIONS ON THE WATER RESOURCES OF VIRGINIA

Compiled by Natalie R. Carrington

U.S. GEOLOGICAL SURVEY

Open-File Report 86-418W



Richmond, Virginia

1986

UNITED STATES DEPARTMENT OF THE INTERIOR

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GEOLOGICAL SURVEY

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ABSTRACT

This report presents a list of selected publications pertaining to the water resources in Virginia. The publication dates range from 1919 to 1986. The report includes a source-agency listing by publication type, which is arranged in alphabetical order by author. Information concerning the availability of the publications also is provided.

INTRODUCTION

This report presents a list of selected publications pertaining to the water resources in Virginia. The publication dates range from 1919 to 1986. The publications listed in this report were selected to show the various types of information available to those interested in, or in need of water-resources related data.

The publications are grouped by source-agency as follows: U.S. Geological Survey; Virginia Water Control Board; Virginia Department of Mines, Minerals and Energy; Virginia Water Resources Research Center of the Virginia Polytechnic Institute and State University; Tennessee Valley Authority; and other miscellaneous publications. Information concerning the availability of these publications is located at the beginning of each source-agency section.

PUBLICATIONS OF THE U.S. GEOLOGICAL SURVEY

Professional Papers

Professional Papers may be purchased from the Eastern Distribution Branch, Text Products Section, U.S. Geological Survey, Books and Open-File Reports, Federal Center, Building 41, Box 25425, Denver, Colorado 80225, (303) 236-7477.

- Back, William, 1966, Hydrochemical facies and ground-water flow patterns in northern part of the Atlantic Coastal Plain: U.S. Geological Survey Professional Paper 498-A, 42 p.
- Brown, D. L., and Silvey, W. D., 1977, Artificial recharge to a fresh water-sensitive brackish-water sand aquifer, Norfolk, Virginia: U.S. Geological Survey Professional Paper 939, 53 p.
- Brown, P. M., Miller, J. A., and Swain, F. M., 1972, Structural and stratigraphic framework, and spatial distribution of the permeability of the Atlantic Coastal Plain: U.S. Geological Survey Professional Paper 796.
- Brown, P. M., and Reid, M. S., 1976, Geologic evaluation of waste-storage potential in selected segments of the Mesozoic aquifer system below the zone of fresh water, Atlantic Coastal Plain, North Carolina through New Jersey: U.S. Geological Survey Professional Paper 881, 47 p.
- Cushing, E. M., Kantrowitz, I. H., and Taylor, K. R., 1973, Water resources of the Delmarva Peninsula: U.S. Geological Survey Professional Paper 822, 58 p.
- Giusti, E. V., 1962, Short papers in geology and hydrology, Articles 60-119: Art. 112, A relation between and drought flows in the Piedmont province in Virginia: U.S. Geological Survey Professional Paper 450-C, p. C128-C129.
- Patterson, J. L., and Paulhus, J. L. H., 1975, Hurricane Agnes rainfall and floods, June-July 1972: U.S. Geological Survey Professional Paper 924, 403 p.
- Pluhowski, E. J., 1972, Unusual temperature variations in two small streams in northern Virginia, in Geological Survey Research 1972, Chapter B: U.S. Geological Survey Professional Paper 800-B, p. B225-B258.
- 1972, Clear-cutting and its effect on the water temperature of a small stream in northern Virginia, in Geological Survey Research 1972, Chapter C: U.S. Geological Survey Professional Paper 800-C, p. C257-C262.
- Riggs, H. C., 1964, The relation of discharge to drainage area in the Rappahannock River basin, Virginia, in Geological Survey Research 1964, Chapter B: U.S. Geological Survey Professional Paper 501-B, p. B165-B168.
- 1965, Effect of land use on the low flow of streams in Rappahannock County, Virginia, in Geological Survey Research 1965, Chapter C: U.S. Geological Survey Professional Paper 525-C, p. C196-C198.

- Runner, G. S., and Chin, E. H., 1980, Flood of April 1977 in the Appalachian Region of Kentucky, Tennessee, Virginia and West Virginia: U.S. Geological Survey Professional Paper 1098, 43 p.
- Sinnott, Allen, and Cushing, E. M., 1978, Summary appraisals of the Nation's ground-water resources--Mid-Atlantic Region: U.S. Geological Survey Professional Paper 813-I, 32 p.
- Williams, G. P., and Guy, H. P., 1973, Erosional and depositional aspects of Hurricane Camille in Virginia, 1969: U.S. Geological Survey Professional Paper 804, 80 p.

Water-Supply Papers

Water-Supply Papers may be purchased from the U.S. Geological Survey, Books and Open-File Reports, Federal Center, Building 41, Box 25425, Denver, Colorado 80225, (303) 236-7477.

- Anderson, D. G., 1970, Effects of urban development on floods in northern Virginia: U.S. Geological Survey Water-Supply Paper 2001-C, 22 p.
- Bogart, D. B., 1960, Floods of August-October 1955, New England to North Carolina: U.S. Geological Survey Water-Supply Paper 1420, 854 p.
- Cederstrom, D. J., 1957, Geology and ground-water resources of the York-James Peninsula, Virginia: U.S. Geological Survey Water-Supply Paper 1361, 237 p.
- Durfor, C. N., 1961, Water quality and hydrology in the Fort Belvoir area, Virginia, 1954-55: U.S. Geological Survey Water-Supply Paper 1586-A.
- Fisher, D. W., 1968, Annual variations in chemical composition of atmospheric precipitation, eastern North Carolina and southeastern Virginia: U.S. Geological Survey Water-Supply Paper 1535-M, 21 p.
- Gambell, A. W., and Fisher, D. W., 1966, Chemical composition of rainfall, eastern North Carolina and southeastern Virginia: U.S. Geological Survey Water-Supply Paper 1535-K.
- Grover, N. C., 1937, The floods of March 1936--Part 3, Potomac, James, and upper Ohio Rivers: U.S. Geological Survey Water-Supply Paper 800, 351 p.
- Hirsch, R. M., Scott, A. G., and Wyant, Timothy, 1982, Investigations of trends in flooding in the Tug Fork basin of Kentucky, Virginia, and West Virginia: U.S. Geological Survey Water-Supply Paper 2203, 37 p.
- Johnston, P. M., 1962, Geology and ground-water resources of the Fairfax quadrangle, Virginia: U.S. Geological Survey Water-Supply Paper 1539-L, 61 p.
- 1964, Geology and ground-water resources of Washington, D.C., and vicinity: U.S. Geological Survey Water-Supply Paper 1776, 97 p.

- Lohr, E. W., and Love, S. K., 1954, The industrial utility of public water supplies in the United States, 1952--Part 1, States east of the Mississippi River: U.S. Geological Survey Water-Supply Paper 1299, 639 p.
- Meisler, Harold, Leahy, P. P., and Knobel, L. L., 1985, Effect of eustatic sea-level changes on saltwater-freshwater relations in the Northern Atlantic Coastal Plain: U.S. Geological Survey Water-Supply Paper 2255.
- Powell, J. D., and Larson, J. D., 1985, Relation between ground-water quality and mineralogy in the coal-producing Norton Formation of Buchanan County, Virginia: U.S. Geological Survey Water-Supply Paper 2274, 30 p.
- Puckett, L. J., 1981, Dendroclimatic estimates of a drought index for northern Virginia: U.S. Geological Survey Water-Supply Paper 2080, 39 p.
- Sanford, Samuel, 1910, Saline artesian waters of the Atlantic Coastal Plain, in Fuller, M. L., and others, Underground water papers: U.S. Geological Survey Water-Supply Paper 258, 123 p.
- Trainer, F. W., and Watkins, F. A., Jr., 1975, Geohydrologic reconnaissance of the Upper Potomac River Basin: U.S. Geological Survey Water-Supply Paper 2035, 68 p.
- U.S. Geological Survey, 1949, Floods of August 1940 in the southeastern States: U.S. Geological Survey Water-Supply Paper 1066, 554 p.
- 1964, Floods of January-February 1957 in southeastern Kentucky and adjacent areas: U.S. Geological Survey Water-Supply Paper 1652-A, 195 p.
- 1984, A water-quality study of the tidal Potomac River and estuary -- an overview: U.S. Geological Survey Water-Supply Paper 2233, 46 p.
- 1984, National water summary 1983--Hydrologic events and issues: U.S. Geological Survey Water-Supply Paper 2250, p. 224-226.
- 1985, National water summary 1984--Hydrologic events, selected water-quality trends and ground-water resources: U.S. Geological Survey Water-Supply Paper 2275, p. 427-432.
- Vice, R. B., Guy, H. P., and Ferguson, G. E., 1969, Sediment movement in an area of suburban highway construction, Scott Run basin, Fairfax County, Virginia, 1961-64: U.S. Geological Survey Water-Supply Paper 1591-E, 41 p.

Circulars

Single copies of Circulars, still in print, are available free from the U.S. Geological Survey, Books and Open-File Reports, Federal Center, Building 41, Box 25425, Denver, Colorado 80225, (303) 236-7477.

Dodd, Kurt, Fuller, H. K., and Clarke, P. F., 1985, Guide to obtaining USGS information: U.S. Geological Survey Circular 900, 35 p.

Imhoff, E. A., and others, 1976, A guide to State programs for the reclamation of surface-mined areas: U.S. Geological Survey Circular 731.

- Johnston, P. M., 1960, Ground-water supplies in shale and sandstone in Fairfax, Loudoun, and Prince William Counties, Virginia: U.S. Geological Survey Circular 424.
- Papadopulos, S. S., and others, 1974, Water from the Coastal Plain aquifers in the Washington, D.C., metropolitan area: U.S. Geological Survey Circular 697.
- U.S. Geological Survey, 1971, Index of surface-water records to September 30, 1970--Part 3, Ohio River basin: U.S. Geological Survey Circular 653.

Water-Resources Investigations Reports

Water-Resources Investigations Reports may be purchased either as microfiche or paper copy from the National Technical Information Service (NTIS), U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161, (703) 487-4650; the NTIS ordering number (if available) is given in parenthesis at the end of the citation. Reports numbered greater than -4000 may be purchased from the Open-File Services Section (OFSS), Western Distribution Branch, U.S. Geological Survey, Box 25425, Federal Center, Denver, CO 80225, (303) 236-7476. Further information about these reports may be obtained from the Office Chief, WRD, Richmond, VA, (804) 771-2427.

- Cosner, O. J., 1974, A predictive computer model of the Lower Cretaceous aquifer, Franklin area, southeastern Virginia: U.S. Geological Survey Water Resources Investigations Report 51-74, 62 p.
- 1976, Measured and simulated ground-water levels in the Franklin area, southeastern Virginia: U.S. Geological Survey Water-Resources Investigations Report 76-83. (PB-243 410/AS)
- Doyle, W. H., Jr., Curwick, P. B., and Flynn, K. M., 1983, A flood model for the Tug Fork basin, Kentucky, Virginia and West Virginia: U.S. Geological Survey Water-Resources Investigations Report 84-4014, 87 p.
- Hopkins, H. T., 1984, Water-resources reconnaissance of Prince William Forest Park, Virginia: U.S. Geological Survey Water-Resources Investigations Report 84-4009, 17 p.
- 1985, Ground-water availability along the Blue Ridge Parkway, Virginia: U.S. Geological Survey Water-Resources Investigations Report 84-4168, 154 p.
- Larson, J. D., and Powell, J. D., 1985, Hydrology and effects of mining in the upper Russell Fork basin, Buchanan and Dickenson Counties, Virginia: U.S. Geological Survey Water-Resources Investigations Report 85-4238, 63 p.
- Lloyd, O. B., Jr., Larson, J. D., and Davis, R. W., 1985, Summary of northern Atlantic Coastal Plain hydrology and its relation to disposal of high-level radioactive waste in buried crystalline rock: U.S. Geological Survey Water-Resources Investigations Report 85-4146, 80 p.

- Lynch, D. D., and Dise, N. B., 1985, Sensitivity of stream basins in Shenandoah National Park to acid deposition: U.S. Geological Survey Water-Resources Investigations Report 85-4115, 61 p.
- Miller, E. M., 1978, Technique for estimating the magnitude and frequency of Virginia floods: U.S. Geological Survey Water-Resources Investigations Report 78-5.
- Powell, J. D., and Abe, J. M., 1985, Availability and quality of ground water in the Piedmont Province of Virginia: U.S. Geological Survey Water-Resources Investigations Report 85-4235, 32 p.
- Rogers, S. M., and Powell, J. D., 1983, Quality of ground water in southern Buchanan County, Virginia: U.S. Geological Survey Water-Resources Investigations Report 82-4022, 36 p.
- Scott, A. G., 1984, Analysis of characteristics of simulated flows from small surface-mined and undisturbed Appalachian watersheds in the Tug Fork basin of Kentucky, Virginia, and West Virginia: U.S. Geological Survey Water-Resources Investigations Report 84-4151, 169 p.
- Wright, W. G., 1985, Effects of fracturing on well yields in the coalfield areas of Wise and Dickenson Counties, southwestern Virginia: U.S. Geological Survey Water-Resources Investigations Report 85-4061, 21 p.

Open-File Reports

Open-File Reports, numbered and unnumbered, generally are not reproduced and distributed in large quantities by the originating office. These reports, however, are available for inspection in the Richmond and Reston, Virginia Offices of the U.S. Geological Survey. Numbered Open-File Reports may be purchased from the Open-File Services Section (OFSS), Western Distribution Branch, U.S. Geological Survey, Box 25425, Federal Center, Denver, CO 80225, (303) 236-7476. Information on the availability of the unnumbered reports may be obtained from the Office Chief, WRD, Richmond, VA, (804) 771-2427.

Numbered

- Blanchard, S. F., and Coupe, R. H., Jr., 1982, Water quality of the tidal Potomac River and estuary, Hydrologic Data Report, 1981 Water Year: U.S. Geological Survey Open-File Report 82-575.
- Brown, G. A., 1981, Water resources of Prince William Forest Park: U. S. Geological Survey Open-File Report 80-964, 2 sheets.
- Carter, V., and Clark, P., 1978, Map of roads and ditches of the Great Dismal Swamp, Virginia and North Carolina: U.S. Geological Survey Open-File Report 78-86.
- Farrington, S. T., Carrington, N. R., and Daniels, W. V., Jr., 1984, Water-level hydrographs for observation wells in Virginia, 1982: U.S. Geological Survey Open-File Report 83-134, 167 p.

- Froelich, A. J., Johnston, R. H., and Langer, W. H., 1979, Preliminary report on the ancestral Potomac River deposits in Fairfax County, Virginia, and their potential hydrogeologic significance: U.S. Geological Survey Open-File Report 78-544.
- Harsh, J. F., 1980, Ground water hydrology of James City County, Virginia: U. S. Geological Survey Open-File Report 80-961, 73 p.
- Hendrick, W. E., Jr., 1982, Summary of hydrologic data collected at Wytheville National Fish Hatchery No. 2, Max Meadows, Virginia, 1976 to 1979: U. S. Geological Survey Open-File Report 82-686.
- Hirsch, R. M., 1978, Risk analyses for water supply--Occoquan Reservoir, Fairfax and Prince William Counties, Virginia: U.S. Geological Survey Open-File Report 78-452.
- Hopkins, H. T., and others, 1981, Potentiometric surface map for the Cretaceous aquifer, Virginia Coastal Plain: U.S. Geological Survey Open-File Report 80-965, 1 sheet.
- Hufschmidt, P. W., 1984, Description and evaluation of the Information Transfer Workshop Series: Coal Hydrology in Virginia: U.S. Geological Survey Open-File Report 83-852, 23 p.
- Hufschmidt, P. W., and others, 1981, Hydrology of Area 16, Eastern Coal Province, Virginia-Tennessee: U.S. Geological Survey Open-File Report 81-204, 68 p.
- Johnston, R. H., 1978, Probable yields of wells in the bedrock aquifers of Fairfax County, Virginia: U. S. Geological Survey Open-File Report 78-267.
- Johnston, R. H., and Froelich, A. J., 1977, Map showing lithofacies and inferred subsurface distribution of channel-fill sands in the Potomac Group in Fairfax County, Virginia: U.S. Geological Survey Open-File Report 77-287.
- Johnston, R. H., and Larson, J. D., 1976, Preliminary appraisal of ground water in the Franconia area, Virginia: U.S. Geological Survey Open-File Report 76-400.
- 1977, Potentiometric surface maps and water-level change map for the lower aquifer of the Cretaceous Potomac Group in Fairfax County, Virginia: U.S. Geological Survey Open-File Report 77-284.
- 1979, Principal sources of ground water in Fairfax County, Virginia: U.S. Geological Survey Open-File Report 79-211.
- Johnston, R. H., and Van Driel, J. N., 1978, Susceptibility of Coastal Plain aquifers to contamination, Fairfax County, Virginia--A computer composite map: U.S. Geological Survey Open-File Report 78-265.
- 1979, Evaluation of potential yield of water wells in bedrock aquifers, Fairfax County, Virginia--computer composite map: U.S. Geological Survey Open-File Report 79-525.

- Knobel, L. L., 1985, Ground-water quality data for the Atlantic Coastal Plain: New Jersey, Delaware, Maryland, Virginia and North Carolina: U.S. Geological Survey Open-File Report 85-154, 84 p.
- Larson, J. D., 1978, Hydrogeology of the observation well site at U.S. Geological Survey National Headquarters, Reston, Virginia: U.S. Geological Survey Open-File Report 78-144, 35 p.
- 1978, Chemical quality of ground water in Fairfax County, Virginia: U.S. Geological Survey Open-File Report 78-268.
- 1978, Chemical composition of streams during low flow--Fairfax County, Virginia: U.S. Geological Survey Open-File Report 78-719.
- 1981, Distribution of saltwater in the Coastal Plain aquifers of Virginia: U.S. Geological Survey Open-File Report 81-1013, 25 p.
- 1985, Selected hydrologic data for the Powell River basin in Wise County, Virginia: U.S. Geological Survey Open-File Report 85-186, 22 p.
- Larson, J. D., and Froelich, A. J., 1977, Map showing extent, altitude at base, and thickness of the Potomac Group in Fairfax County, Virginia: U.S. Geological Survey Open-File Report 77-286.
- Lewis, T. A., 1981, Solid waste disposal sites in Fairfax County and vicinity, Virginia: U.S. Geological Survey Open-File Report 81-64.
- Lichtler, W. F., and Wait, R. L., 1974, Summary of the ground-water resources of the James River Basin, Virginia: U.S. Geological Survey Open-File Report 74-139, 54 p.
- Lichtler, W. F., and Walker, P. N., 1974, Hydrology of the Dismal Swamp, Virginia-North Carolina: U.S. Geological Survey Open-File Report 74-39, 50 p.
- Meisler, Harold, 1981, Preliminary delineation of salty ground water in the northern Atlantic Coastal Plain: U.S. Geological Survey Open-File Report 81-71.
- Meng, A. A., III, and Harsh, J. F., 1984, Hydrogeologic framework of the Virginia Coastal Plain: U.S. Geological Survey Open-File Report 84-728, 78 p.
- Miller, E. M., 1977, Equation for estimating regional flood depth-frequency relation for Virginia: U.S. Geological Survey Open-File Report 77-396.
- 1977, Annual maximum stages and discharges of Virginia streams: U.S. Geological Survey Open-File Report 77-720.
- Mohler, E. H., Jr., 1977, Map showing drainage basins and locations of streamflow-measuring sites, Fairfax County, Virginia: U.S. Geological Survey Open-File Report 77-270.
- Mohler, E. H., Jr., and Hagan, G. F., 1981, Low flow of streams in Fairfax County, Virginia: U.S. Geological Survey Open-File Report 81-63, 30 p.

- Mohler, E. H., Jr., and Novak, C. E., 1978, 100-year flood map, Fairfax County, Virginia: U.S. Geological Survey Open-File Report 78-767.
- Mulheren, M. P., Larson, J. D., and Hopkins, H. T., 1982, An index of geophysical well logging in Virginia: U. S. Geological Survey Open-File Report 82-432, 34 p.
- Rogers, S. M., 1977, A water-quality assessment of the Northeast Creek and Desper Creek watersheds, South Anna River basin, Louisa County, Virginia: U.S. Geological Survey Open-File Report 77-460.
- Rogers, S. M., and Hufschmidt, P. W., 1980, Quality of surface water in the coal mining area of southwestern Virginia: U.S. Geological Survey Open-File Report 80-769, 2 sheets.
- Scott, A. G., 1980, An interim report on the investigation of flooding in the Tug Fork basin of Kentucky, Virginia, and West Virginia: U. S. Geological Survey Open-File Report 80-1188, 116 p.
- Soule, P. L., 1976, Flood-plain delineation for Cameron Run basin, Fairfax County-Alexandria City, Virginia: U.S. Geological Survey Open-File Report 76-433, 94 p.
- 1976, Flood-plain delineation for Difficult Run basin, Fairfax County, Virginia: U.S. Geological Survey Open-File Report 76-459, 184 p.
- 1977, Flood-plain delineation for Accotink Creek basin, Fairfax County, Virginia: U.S. Geological Survey Open-File Report 76-442, 119 p.
- 1977, Flood-plain delineation for Pohick Creek basin, Fairfax County, Virginia: U.S. Geological Survey Open-File Report 76-444, 121 p.
- 1977, Flood-plain delineation for Bull Run, Little Rocky Run, Johnny Moore Creek, and Popes Head Creek basins, Fairfax County, Virginia: U.S. Geological Survey Open-File Report 77-329, 156 p.
- 1978, Flood-plain delineation for Cub Run basin, Fairfax County, Virginia: U.S. Geological Survey Open-File Report 78-17, 121 p.
- 1978, Flood-plain delineation for Bullneck, Scott, Dead, and Pimmit Run basins, Fairfax City, Virginia: U.S. Geological Survey Open-File Report 78-260, 77 p.
- 1978, Flood-plain delineation for Horsepen Run, Sugarland Run, Pond Branch, Clarks Branch, and Mines Run Branch basins, Fairfax County, Virginia: U.S. Geological Survey Open-File Report 78-1028, 97 p.
- 1978, Flood-plain delineation for Occoquan River, Wolf Run, Sandy Run, Elk Horn Run, Giles Run, Kanes Creek, Raccoon Creek and Thompson Creek, Fairfax County, Virginia: U.S. Geological Survey Open-File Report 79-215, 118 p.

Unnumbered

- Anderson, D. G., 1961, Flood inundation study of the Cameron Run basin, Virginia: U.S. Geological Survey Open-File Report.
- Bain, G. L., 1973, Feasibility study of East Coast Triassic Basins for waste storage: U.S. Geological Survey Open-File Report.
- Brown, D. L., 1968, Memorandum report on test drilling at Norfolk, Virginia: U.S. Geological Survey Open-File Report.
- 1971, Geophysical logs of test well 1, Norfolk, Virginia: U.S. Geological Survey Open-File Report.
- Camp, J. D., and Miller, E. M., 1970, Flood of August 1969 in Virginia: U.S. Geological Survey Open-File Report.
- Cederstrom, D. J., 1969, Geology and ground-water resources of the Middle Peninsula, Virginia: U.S. Geological Survey Open-File Report.
- Cosner, O. J., and Brown, G. A., 1970, Potentiometric surface of the Lower Cretaceous aquifer, Franklin area, Virginia: U.S. Geological Survey Open-File Report.

Hydrologic Investigations Atlases

- Hydrologic Investigations Atlases may be purchased from the U.S. Geological Survey, Map Distribution, Federal Center, Building 41, Box 25286, Denver, Colorado 80225, (303) 236-7477.
- Brown, G. A., and Cosner, O. J., 1974, Ground-water conditions in the Franklin area, southeastern Virginia: U.S. Geological Survey Hydrologic Investigations Atlas 538.
- DeBuchanne, G. D., 1968, Ground-water resources of the James, York, and Rappahannock River basins of Virginia west of the Fall Line: U.S. Geological Survey Hydrologic Investigations Atlas 283.
- 1968, Ground-water resources of the Eastern Shore of Virginia and the James, York, and Rappahannock River basins of Virginia east of the Fall Line: U.S. Geological Survey Hydrologic Investigations Atlas 284.
- Miller, E. M., 1969, Flood of August 1969, Bon Air quadrangle, Richmond, Virginia: U.S. Geological Survey Hydrologic Investigations Atlas 409.
- 1969, Flood of August 1969, Richmond quadrangle, Richmond, Virginia: U.S. Geological Survey Hydrologic Investigations Atlas 410.
- 1969, Flood of August 1969, Drewrys Bluff quadrangle, Richmond, Virginia: U.S. Geological Survey Hydrologic Investigations Atlas 411.
- Miller, E. M., and Walker, P. N., 1973, Flood of October 1972 and Petersburg and Colonial Heights, Virginia: U.S. Geological Survey Hydrologic Investigations Atlas 505.

- Rapp, D. H., 1968, Floods on Johns and Craig Creeks, in Craig County, Virginia: U.S. Geological Survey Hydrologic Investigations Atlas 326.
- Runner, G. S., 1969, Flood of August 1969 on Maury River at Buena Vista, Virginia: U.S. Geological Survey Hydrologic Investigations Atlas 412.
- Schneider, W. J., and others, 1965, Water resources of the Appalachian Region, Pennsylvania to Alabama: U.S. Geological Survey Hydrologic Investigations Atlas 198.

Miscellaneous Investigations Maps

- Miscellaneous Investigations Maps may be purchased from the U.S. Geological Survey, Map Distribution, Federal Center, Building 41, Box 25286, Denver, Colorado 80225, (303) 236-7477. A report listed as "In press," has been approved for publication but is not yet available.
- Froelich, A. J., in press, Folio of geologic and hydrologic maps for land-use planning in the Coastal Plain of Fairfax County and vicinity, Virginia: U.S. Geological Survey Miscellaneous Investigations Map I-1423.
- Froelich, A. J., and Langer, W. H., 1981, Map showing geologic provinces, land forms, drainage basin characteristics, and flooding in Fairfax County, Virginia: U.S. Geological Survey Miscellaneous Investigations Map I-1421.
- Froelich, A. J., and Leavy, B. D., 1982, Map showing mineral resources of the Culpeper basin, Virginia and Maryland: Availability and Planning for future needs: U.S. Geological Survey Miscellaneous Investigations Map I-1313-B.
- Laczniak, R. J., and Zenone, Chester, 1984, Ground-water resources of the Culpeper basin, Virginia and Maryland: U. S. Geological Survey Miscellaneous Investigations Map I-1313-F.
- Leavy, B. D., in press, Map showing planar and linear features in the Culpeper basin and vicinity, Virginia and Maryland: U.S. Geological Survey Miscellaneous Investigations Map I-1313-G.
- Leavy, B. D., Froelich, A. J., and Abram, E. C., 1983, Bedrock map and geotechnical properties of rocks of the Culpeper basin and vicinity, Virginia and Maryland: U.S. Geological Survey Miscellaneous Investigations Map I-1313-C.
- Lynch, D. D., Nuckels, E. H., and Zenone, Chester, in press, Low flow characteristics and chemical quality of streams in the Culpeper geologic basin, Virginia and Maryland: U.S. Geological Survey Miscellaneous Investigations Map I-1313-H.
- Morsches, S. A., and Zenone, Chester, 1981, Index map of flood studies, Culpeper basin, Virginia and Maryland: U.S. Geological Survey Miscellaneous Investigations Map I-1313-A.
- Posner, Alex, and Zenone, Chester, 1983, Chemical quality of ground water in the Culpeper basin, Virginia and Maryland: U.S. Geological Survey Miscellaneous Investigations Map I-1313-D.

Zenone, Chester, and Larson, J. D., 1982, Ground-water resources of Fairfax County and vicinity, Virginia, and some aspects of their development: U.S. Geological Survey Miscellaneous Investigations Map I-1473.

Water-Data Reports

The Water-Data Reports listed below may be purchased as a hard copy or microfiche from the National Technical Information Service (NTIS), U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161, (703) 487-4650. They are available for inspection at the Richmond and Reston, Virginia Offices, of the U.S. Geological Survey. The PB number in parentheses is the NTIS ordering number.

U.S. Geological Survey, 1961-64, Surface-water records of Virginia.
[published annually]

----- 1964, Water-quality records in Virginia and West Virginia.

----- 1965-74, Water resources data for Virginia--Part 1, Surface-water records; Part 2, Water-quality records. [published annually]

----- 1971-74, Water resources data for Virginia--Part 3, Ground-water records. [published annually]

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