

SELECTED REFERENCES

- Alfred, S.D., Ulrich, H.P., and Zachary, A.L., 1960, Soil survey of Fayette and Union Counties, Indiana: U.S. Department of Agriculture, Soil Conservation Service.
- American Geological Institute, 1976, Dictionary of geological terms (rev. ed.): Anchor Press-Doubleday.
- Arihood, L.D., and Glatfelter, D.R., 1986, Method for estimating low-flow characteristics of ungaged streams in Indiana: U.S. Geological Survey Open-File Report 86-323.
- Beik, S., 1986, Yield; Generalized computer program for storage-yield analysis, user's manual: Indiana Department of Natural Resources, Division of Water.
- Brock, R.A., 1986, Soil survey of Rush County, Indiana: U.S. Department of Agriculture, Soil Conservation Service.
- Bruns, T.M., 1976, Environmental Geology of Wayne County: Indiana University, independent study project.
- Burger, A.M., Forsyth, J.L., Nicoll, R.S., and Wayne, W.J., 1971, Geologic map of the 1° x 2° Muncie Quadrangle, Indiana and Ohio: Indiana Geological Survey Regional Geologic Map 5.
- Cross, W.P., and Bernhagen, R.J., 1949, Ohio stream-flow characteristics, part 1, flow duration: Ohio Department of Natural Resources, Division of Water, Bulletin 10.
- Freeze, R.A., and Cherry, J.A., 1979, Groundwater: New Jersey, Prentice-Hall.
- Gibb, J.P., Schuller, R.M., and Griffin, R.A., 1981, Procedures for the collection of representative water quality data from monitoring wells; Illinois State Water Survey and Illinois State Geological Survey, Cooperative Groundwater Report 7.
- Glatfelter, D.R., 1984, Techniques for estimating magnitude and frequency of floods on streams in Indiana: U.S. Geological Survey Water Resources Investigations Report 84-4134.
- Glatfelter, D.R., Stewart, J.A., and Nell, G.E., 1985, Water resources data, Indiana, water year 1984: U.S. Geological Survey Water-Data Report IN-84-1.
- Glatfelter, D.R., Thompson, R.E., Jr., and Nell, G.E., 1986, Water resources data, Indiana, water year 1985: U.S. Geological Survey Water-Data Report IN-85-1.
- Gooding, A.M., 1963, Illinoian and Wisconsin glaciations in the Whitewater Basin, southeastern Indiana, and adjacent areas: *Jour. Geology*, v. 71, no. 6, pp. 665-682.
- _____, 1966, The Kansan glaciation in southeastern Indiana: *Ohio Jour. Sci.*, v. 66, pp. 426-433.
- _____, 1973, Characteristics of Late Wisconsin tills in eastern Indiana: *Indiana Geol. Survey Bull.* 49.
- _____, 1975, The Sidney Interstadial and late Wisconsin history in Indiana and Ohio: *Am. Jour. Sci.*, v. 275, pp. 993-1011.
- Governor's Water Resources Study Commission. 1980, The Indiana water resource; availability, uses and needs, G.D. Clark, ed.: Indiana Department of Natural Resources.
- Gray, H.H., 1982, Map of Indiana showing topography of the bedrock surface: Indiana Geological Survey Miscellaneous Map 36.
- _____, 1983, Map of Indiana showing thickness of unconsolidated deposits: Indiana Geological Survey Miscellaneous Map 38.

Gray, H.H., Ault, C.H., and Keller, S.J., 1987, Bedrock geologic map of Indiana: Indiana Geological Survey Miscellaneous Map 48.

Gray, H.H., Forsyth, J.L., Schneider, A.F., and Gooding, A.M., 1972, Geologic map of the 1° x 2° Cincinnati Quadrangle, Indiana and Ohio: Indiana Geol. Survey Regional Geologic Map 7.

Gruver, B.L., 1984, Pleistocene valley-train deposition, Whitewater River, southeastern Indiana and southwestern Ohio: Indiana University, master's thesis.

Hardy, M.A., 1984, Chemical and biological quality of streams at the Indiana Dunes National Lakeshore, Indiana, 1978-80: U.S. Geological Survey Water Resources Investigations 83-4208.

Hem, J.D., 1985, Study and interpretation of the chemical characteristics of natural water (3rd ed.): U.S. Geological Survey Water Supply Paper 2254.

Hoggatt, R.E., 1975, Drainage areas of Indiana streams: U.S. Geological Survey in cooperation with the Indiana Department of Natural Resources, Division of Water.

Horner, R.G., 1976, Statistical summaries of Indiana streamflow data: U.S. Geological Survey Water Resources Investigations Report 35-75.

Hunn, J.D., and Rosenshein, J.S., 1969, Geohydrology and ground-water potential of St. Joseph County, Indiana: Department of Natural Resources, Bulletin 33.

Indiana Department of Natural Resources, 1977, Potential erosion map: Soil and Water Conservation Committee, map.

_____, 1979, Indiana's outdoor recreation plan: Division of Outdoor Recreation.

_____, 1982a, The 1980 survey of domestic self-supplied and livestock water uses in Indiana: Division of Water.

_____, 1982b, The 1980 survey of public water supply utilities in Indiana: Division of Water.

_____, 1983, Southeast Indiana water supply study: Division of Water.

_____, 1984, Indiana outdoor recreation: Division of Outdoor Recreation.

_____, 1986a, Coordinated discharges of selected streams in Indiana: Division of Water.

_____, 1986b, Indiana natural and scenic rivers report: Division of Outdoor Recreation.

Indiana Department of Environmental Management, [1986], 305 (b) Report, 1984-85.

_____, 1986, Indiana Lake Classification System and Management Plan.

Indiana Environmental Management Board, 1979, Drinking water standards: Regulation EMB-4 (320 IAC 3-3.1)

Indiana State Board of Health, Division of Water Pollution Control, [1976-85], Water quality monitoring, rivers and streams: Annual reports, 1975-84.

_____, 1982, Stream habitat and use evaluation, tributary of Richland Creek and Richland Creek: unpublished report.

_____, 1983, Indiana county population projections 1985-2020: prepared by Division of Research, Indiana University School of Business (2nd ed.).

_____, 1984, Data on Indiana public water supplies, Bulletin PWS-3.

- Indiana Stream Pollution Control Board, 1985, Water quality standards applicable to all state waters: Regulation 330 IAC 1-1.
- Indiana Water Pollution Control Board, 1987, Proposed revisions to 327 IAC 2-1, The water quality standards.
- Kircher, J.E., Gilliom, R.J., and Hickman, R.E., 1984, Loads and concentrations of dissolved solids, phosphorus, and organic nitrogen at U.S. Geological Survey National Stream Quality Accounting Network stations, *in* National Water Summary 1984: U.S. Geological Survey Water-Supply Paper 2275.
- Langbein, W.B. and Iseri, K.T., 1960, General introduction and hydrologic definitions; Manual of Hydrology, Part 1, General Surface-Water Techniques: U.S. Geological Survey Water-Supply Paper 1541-A.
- Lehr, J.H., Gass, T.E., Pettyjohn, W.A., and DeMarre, J., 1980, Domestic water treatment: New York, McGraw-Hill.
- Leopold, L.B. and Maddock, Thomas, Jr., 1953, The hydraulic geometry of stream channels and some physiographic implications: U.S. Geological Survey Professional Paper 252.
- Linsley, R.K., Jr., Kohler, M.A. and Paulhus, J.L.H., 1982, Hydrology for engineers (3rd ed.): McGraw-Hill.
- Madison, R.J. and Brunett, J.O., 1984, Overview of the occurrence of nitrate in ground water of the United States, *in* National Water Summary 1984: U.S. Geological Survey Water-Supply Paper 2275.
- Malott, C.A., 1922, The physiography of Indiana, *in* Handbook of Indiana Geology: Department of Conservation, Division of Geology.
- Marcus, M., ed., 1985, Indiana factbook 1985: Indiana University School of Business, Indiana Business Research Center.
- McMahon, T.A., and Mein, R.G., 1986, River and reservoir yield: Littleton, Colorado, Water Resources Publications.
- National Academy of Sciences and the National Academy of Engineering, 1982 [1973], water quality criteria 1972: U.S. Government Printing Office.
- National Oceanic and Atmospheric Administration, 1976, Climate of (city), Indiana, Climatography of The United State No. 20, 1951-74: U.S. Department of Commerce, Environmental Data Service, National Climatic Center.
- _____, 1982a, Monthly normals of temperature, heating and cooling degree days, and precipitation, 1951-80: Climatography of the United States No. 81 (Indiana), U.S. Department of Commerce, Environmental Data and Information Service, National Climatic Data Center.
- _____, 1982b, Daily normals of temperature, heating and cooling degree days, and precipitation, 1951-80: Climatography of the United State No. 84, U.S. Department of Commerce, Environmental Satellite, Data and Information Service, National Climatic Data Center.
- _____, 1983, Monthly precipitation probabilities—selected probability levels derived from the 1951-80 normals: Supplement to Climatography of the United States No. 81, Department of Commerce, Environmental Satellite, Data and Information Service, National Climatic Data Center.
- _____, 1984, Local climatological data: 1983 annual summary with comparative data (Ft. Wayne, Indianapolis): U.S. Department of Commerce, Environmental Satellite, Data and Information Service, National Climatic Data Center.
- _____, 1985, Climatography of the United States No. 20 (Indiana), 1951-80: U.S. Department of Commerce, Environmental Satellite, Data and Information Service, National Climatic Data Center.

- Newman, J.E., 1981, Weekly water-use estimates by crops and natural vegetation in Indiana: Purdue University, Agricultural Experiment Station Bulletin No. 344.
- Neyer, M.W., 1985, An evaluation of the cooperative surface-water gaging program in Indiana: Indiana Department of Natural Resources, Division of Water.
- Nickell, A.K., 1981, Soil survey of Dearborn and Ohio Counties, Indiana: U.S. Department of Agriculture, Soil Conservation Service.
- Palmer, C.W. and A.V. Havens, 1958, A graphic technique for determining evapotranspiration by the Thornwaite method: *Monthly Weather Review* 82:123-128.
- Rohne, P.B., Jr., 1972, Low-flow characteristics of Indiana streams: U.S. Geological Survey Open-File Report.
- Sasman, R.T., Schicht, R.J., Gibb, J.P., O'Hearn, M., Benson, C.R., and Ludwigs, R.S., 1981, Verification of the potential yield and chemical quality of the shallow dolomite aquifer in DuPage County, Illinois: Illinois State Water Survey Circular 149.
- Schneider, A.F., 1966, Physiography in Lindsey, A.A., ed., *Natural Features of Indiana*: Indiana Academy of Science and Indiana State Library.
- Searcy, J.K., 1959, Flow duration curves; *Manual of Hydrology, Part 2, Low-Flow Techniques*: U.S. Geological Survey Water-Supply Paper 1542-A.
- Shively, J.L., 1983, Soil survey of Decatur County, Indiana: U.S. Department of Agriculture, Soil Conservation Service.
- Smith, L.M., 1977, Land use and planning maps for Fayette County.
- Smith, R.A. and Alexander, R.B., 1983, A statistical summary of data from the U.S. Geological Survey's National Water Quality Networks: U.S. Geological Survey Open-File Report 83-533.
- _____, 1984, Trends in concentrations of dissolved solids, suspended sediments, phosphorus, and inorganic nitrogen at U.S. Geological National Stream Quality Accounting Network Stations, in *National Water Summary 1984*: U.S. Geological Survey Water-Supply Paper 2275.
- Smith, R.A., Alexander, R.B., and Wolman, M.G., Water quality trends in the nation's rivers: *Science*, 27 March 1987, p. 1607-1615.
- Soil Conservation Service, 1971, General soils maps and interpretation tables for the counties of Indiana: U.S. Department of Agriculture of the Purdue University Cooperative Extension Service, Purdue Extension Publication AY-50.
- _____, 1982, Map of the soil associations of Indiana: U.S. Department of Agriculture and Purdue University Cooperative Extension Service, Purdue Extension Publication AY-209.
- State of Indiana, State of Ohio, and Soil Conservation Service, 1971, Watershed work plan: East Fork of Whitewater River watershed.
- Stewart, J.A., 1983, Low-flow characteristics of Indiana streams: U.S. Geological Survey Open-File Report 82-1007.
- Todd, D.K., 1980, *Groundwater hydrology*, (2nd ed.): New York, John Wiley.
- Tucker, W.M., 1922, Hydrology of Indiana, in *Handbook of Indiana geology*: Department of Conservation, Division of Geology.

Uhl, J.E. 1969, Water resources of Randolph County, with emphasis on groundwater availability: Indiana Department of Natural Resources, Division of Water, plate.

_____,1973, Water resources of Henry County, with emphasis on ground-water availability: Indiana Department of Natural Resources, Division of Water, plate.

U.S. Army Corps of Engineers, 1974, Final environmental impact statement, Brookville Lake project, Indiana: U.S. Army Engineering District, Louisville.

_____,1978, Whitewater River Basin reservoir regulation plan, Brookville Lake: U.S. Army Engineering District, Louisville.

_____,1981, Water resources development in Indiana: U.S. Army Engineer Divisions, Ohio River and North Central.

U.S. Bureau of the Census, 1958: Summary statistics, industrial water use, v.1, ch. 11.

_____,1963, Census of Manufactures: Summary Statistics, Water use in manufacturing, v.1, ch 10.

_____,1971, Census of Manufactures 1967: Summary and subject statistics, Water use in manufacturing, v.1, ch.7.

_____,1975, Census of Manufactures 1972: Special report series, Water use in manufacturing.

_____,1981, Census of Manufactures 1977: Subject series, Water use in manufacturing.

_____,1984a, Census of Agriculture 1982: County Data.

_____,1984b, Census of Manufactures 1982: Subject series, Water use in manufacturing.

_____,1986, Census of Manufactures 1982: Subject series, Water use in manufacturing.

U.S. Bureau of Economic Analysis, 1985a, OBERS BEA regional projections: Metropolitan statistical area projections to 2035, v.2.

_____,1985b, OBERS BEA Regional projections: State projections to 2935, v.1.

U.S. Environmental Protection Agency, 1976a, National Eutrophication Survey, Report on Whitewater Lake, Union County, Indiana: EPA Region 5, Working Paper no. 347.

_____,1976b, Quality criteria for water: U.S. Government Printing Office.

_____,1979, National secondary drinking water regulations: Federal Register v.44, no. 140, p. 42195-42202.

_____,1980, Water quality criteria documents, availability, app. A—summary of water quality criteria: Federal Register v.45, no. 231, p. 79318-79379.

_____,1985a, Water quality criteria, availability of documents, app. A—summary of water quality criteria: Federal Register v.50, no. 145, p. 30784-30796.

_____,1985b, National primary drinking water regulations—volatile synthetic organic chemicals, proposed rule: Federal Register v.50, no. 219, p. 46902-46933.

_____,1985c, National primary drinking water regulations—synthetic organic chemicals, inorganic chemicals, and microorganisms, proposed rule: Federal Register v. 50, no.219, p. 46936-47022.

_____, 1986a, National primary and secondary drinking water regulations fluoride, final rule: Federal Register v.51, no. 232, p.11396-11412.

_____, 1986b, Water quality criteria, availability of documents, app. A—summary of water quality criteria: Federal Register v.51, no. 232, p. 43665-43667.

_____, 1986c, National primary drinking water regulations: Water Programs (as amended thru July 1, 1986): Federal Register, page unknown.

_____, 1987, Water quality criteria, availability of document, app. A—summary of water quality criteria for zinc: Federal Register v. 51, no. 232, p. 43665-43667.

U.S. Geological Survey, 1984, National water summary 1984: U.S. Geological Survey Water-Supply Paper 2275.

U.S. Government Printing Office, [1972], Standard Industrial Classification Manual: Washington, D.C.

Wayne, W.J., 1958a, Glacial geology of Indiana: Indiana Geological Survey, Atlas of mineral resources of Indiana, Map No. 10.

_____, 1958b, Let's look at some rocks: Indiana Geological Survey Circular 5.

_____, 1963, Pleistocene formations in Indiana: Indiana Geological Survey Bulletin 25.

_____, 1965, The Crawfordsville and Knightstown Moraines in Indiana: Indiana Department of Conservation, Geological Survey Report of Progress 28.

Wayne County Resource Inventory Council, Inc., 1976, Resource maps of Wayne County, Indiana.