

Results of water-resources data-collection programs and interpretive hydrologic studies conducted by the U.S. Geological Survey (USGS) are published in reports and are made available to universities, State and local agencies, other Federal agencies, and the general public. The following is a list of selected USGS reports on water resources in Missouri published since 1990 and categorized according to the major emphasis of the report; these reports are available for inspection at the Missouri District Office in Rolla, Missouri. A comprehensive list of reports is in Jenkins-Bartle, K.L., and Headrick, F.D., 1995, *Water-Resources Activities of the U.S. Geological Survey in Missouri, 1993-94*: U.S. Geological Survey Open-File Report 94-538, 101 p.

GROUND-WATER REPORTS

Imes, J.L., 1990, Major geohydrologic units in and adjacent to the Ozark Plateaus province, Missouri, Arkansas, Kansas, and Oklahoma: U.S. Geological Survey Hydrologic Investigations Atlas HA-711-A, 1 sheet.

____ 1990, Major geohydrologic units in and adjacent to the Ozark Plateaus province, Missouri, Arkansas, Kansas, and Oklahoma--St. Francois aquifer: U.S. Geological Survey Hydrologic Investigations Atlas HA-711-C, 2 sheets.

____ 1990, Major geohydrologic units in and adjacent to the Ozark Plateaus province, Missouri, Arkansas, Kansas, and Oklahoma--Ozark aquifer: U.S. Geological Survey Hydrologic Investigations Atlas HA-711-E, 3 sheets.

____ 1990, Major geohydrologic units in and adjacent to the Ozark Plateaus province, Missouri, Arkansas, Kansas, and Oklahoma--Springfield Plateau aquifer: U.S. Geological Survey Hydrologic Investigations Atlas HA-711-G, 3 sheets.

____ 1991, Water quality, seasonal water-level changes, 1988-89, and simulated effects of increased water use

from the Ozark aquifer near Branson, Missouri: U.S. Geological Survey Water-Resources Investigations Report 91-4057, 54 p.

Imes, J.L., and Emmett, L.F., 1994, Geohydrology of the Ozark Plateaus Aquifer System in parts of Missouri, Arkansas, Oklahoma, and Kansas: U.S. Geological Survey Professional Paper 1414-D, 127 p.

Imes, J.L., and Smith, B.J., 1990, Areal extent, stratigraphic relation, and geohydrologic properties of regional geohydrologic units in southern Missouri: U.S. Geological Survey Hydrologic Investigations Atlas HA-711-I, 3 sheets.

Kleeschulte, M.J., and Imes, J.L., 1994, Geohydrology, water quality, and simulation of ground-water flow at the Weldon Spring chemical plant and vicinity, St. Charles County, Missouri, 1987-90: U.S. Geological Survey Open-File Report 93-648, 106 p.

Mugel, D.N., 1993, Geohydrologic data for the St. Charles County well field and public-water supply, 1985-91, and projected public-water supply, 1995 and 2000, for St. Charles County, Missouri: U.S. Geological Survey Open-File Report 93-455, 28 p.

Smith, B.J., and Imes, J.L., 1991, Correlation of regional geohydrologic units to geological formations in southern Missouri: U.S. Geological Survey Hydrologic Atlas HA-711-M, 2 sheets.

Waite, L.A., and Thompson, K.C., 1993, Development, description, and application of a geographic information system data base for water resources in karst terrane in Greene County, Missouri: U.S. Geological Survey Water-Resources Investigations Report 93-4154, 31 p.

SURFACE-WATER REPORTS

Alexander, T.W., 1990, Delineation of flooding within the Ozark National Scenic Riverways in southeastern Missouri--Akers and Alley Spring: U.S.

Geological Survey Hydrologic Investigations Atlas HA-712-A, 3 sheets.

Alexander, T.W., 1990, Delineation of flooding within the Ozark National Scenic Riverways in southeastern Missouri--Round Spring and Powder Mill: U.S. Geological Survey Hydrologic Investigations Atlas HA-712-B, 3 sheets.

____ 1990, Analysis of alternative modifications for reducing backwater flooding at the Honey Creek coal strip mine reclamation in Henry County, Missouri: U.S. Geological Survey Water-Resources Investigations Report 90-4068, 22 p.

____ 1992, Discharge rating for tainter gates at Lock and Dam No. 24 on the Mississippi River at Clarksville, Missouri: U.S. Geological Survey Water-Resources Investigations Report 92-4054, 16 p.

____ 1992, Discharge ratings for tainter and roller gates at Lock and Dam No. 25 on the Mississippi River near Winfield, Missouri: U.S. Geological Survey Water-Resources Investigations Report 92-4118, 20 p.

Becker, L.D., 1990, Simulation of flood hydrographs for small basins in Missouri: U.S. Geological Survey Water-Resources Investigations Report 90-4045, 40 p.

____ 1994, Investigation of bridge scour at selected sites on Missouri streams: U.S. Geological Survey Water-Resources Investigations Report 94-4200, 40 p.

Holmes, R.R., Jr., and East, J.W., 1994, Simulation of rainfall-runoff for basins in the Rolla, Missouri, area: U.S. Geological Survey Water-Resources Investigations Report 94-4019, 24 p.

Huizinga, R.J., and Waite, L.A., 1994, Methodology for the assessment of scour at bridge sites in Missouri: U.S. Geological Survey Open-File Report 94-544, 23 p.

- Jacobson, R.B., and Primm, A.T., 1994, Historical land-use changes and potential effects on stream disturbance in the Ozark Plateaus, Missouri: U.S. Geological Survey Open-File Report 94-333, 95 p.
- Reed, H.L., Perkins, T.J., Gray, G.L., Jr., and Davis, J.V., 1993, Water resources data, Missouri, water year 1993: U.S. Geological Survey Water-Data Report MO-93-1, 274 p.
- Waite, L.A., 1990, Water-use information for the Missouri River Basin: U.S. Geological Survey Open-File Report 90-189.
- ## WATER-QUALITY REPORTS
- Adamski, J.C., Peterson, J.C., Freiwald, D.A., and Davis, J.V., 1995, Environmental and hydrologic setting of the Ozark Plateaus study unit, Arkansas, Kansas, Missouri, and Oklahoma: U.S. Geological Survey Water-Resources Investigations Report 94-4022, 69 p.
- Blevins, D.W., 1991, Hydrology and water chemistry of an abandoned surface coal mine, southwestern Henry County, Missouri--1984-86: U.S. Geological Survey Water-Resources Investigations Report 90-4047, 52 p.
- Blevins, D.W., and Ziegler, A.C., 1992, Hydrogeology, water chemistry, and subsidence of underground coal mines at Huntsville, Missouri--July 1987 to December 1988: U.S. Geological Survey Water-Resources Investigations Report 92-4001, 56 p.
- Blevins, D.W., and Ziegler, A.C., 1992, Effects of reclamation on water quality and geochemical processes in lakes in an abandoned surface coal mine in Henry County, Missouri--August 1988-May 1990: U.S. Geological Survey Water-Resources Investigations Report 92-4167, 65 p.
- Davis, J.V., 1993, Missouri stream water quality, *with a section on* Water-quality management, by J.R. Howland, *in* National Water Summary 1990-91--Stream Water Quality: U.S. Geological Survey Water-Supply Paper 2400, p. 351-360.
- Davis, J.V., and Schumacher, J.G., 1992, Water-quality characterization of the Spring River Basin, southwestern Missouri and southeastern Kansas: U.S. Geological Survey Water-Resources Investigations Report 90-4176, 112 p.
- Imes, J.L., and Davis, J.V., 1990, Water type and concentration of dissolved solids, chloride, and sulfate in ground water from the St. Francois aquifer in Missouri, Arkansas, Kansas, and Oklahoma: U.S. Geological Survey Hydrologic Investigations Atlas HA-711-J, 1 sheet.
- _____, 1990, Water type and concentration of dissolved solids, chloride, and sulfate in ground water from the Springfield Plateau aquifer in Missouri, Arkansas, Kansas, and Oklahoma: U.S. Geological Survey Hydrologic Investigations Atlas HA-711-L, 2 sheets.
- _____, 1991, Water type and concentration of dissolved solids, chloride, and sulfate in ground water from the Ozark aquifer in Missouri, Arkansas, Kansas, and Oklahoma: U.S. Geological Survey Hydrologic Investigations Atlas HA-711-K, 4 sheets.
- Kleeschulte, M.J., 1993, Water-quality data for the Missouri River and Missouri River alluvium near Weldon Spring, St. Charles County, Missouri--1991-92: U.S. Geological Survey Open-File Report 93-109, 48 p.
- Kleeschulte, M.J., and Sutley, S.J., 1995, Hydrologic data for the Fristoe Unit of the Mark Twain National Forest, southern Missouri, 1988-93: U.S. Geological Survey Open-File Report 95-106, 106 p.
- Richards, J.M., 1995, Hydrologic data for the Columbia/Eagle Bluffs Wetland Complex, Columbia, Missouri--1992-93: U.S. Geological Survey Open-File Report 95-109, 50 p.
- Schalk, G.K., 1994, Quantity and quality of base flow and stormwater runoff in Independence, Missouri--October 1991 to February 1993: U.S. Geological Survey Open-File Report 93-495, 69 p.
- Schumacher, J.G., 1993, Geochemistry and migration of contaminants at the Weldon Spring chemical plant site, St. Charles County, Missouri--1989-91: U.S. Geological Survey Open-File Report 93-433, 102 p.
- Schumacher, J.G., Sutley, S.J., and Cathcart, J.D., 1993, Geochemical data for the Weldon Spring training area and vicinity property, St. Charles County, Missouri--1990-92: U.S. Geological Survey Open-File Report 93-153, 84 p.
- Smith, B.J., and Schumacher, J.G., 1993, Surface-water and sediment quality in the Old Lead Belt, southeastern Missouri--1988-89: U.S. Geological Survey Water-Resources Investigations Report 93-4012, 92 p.
- Wilkison, D.H., Blevins, D.W., Kelly, B.P., and Wallace, W.C., 1995, Hydrology and water quality in claypan soil and glacial till at the Missouri Management Systems Evaluation Area near Centralia, Missouri--May 1991 to September 1993: U.S. Geological Survey Open-File Report 94-705, 64 p.
- Wilkison, D.H., and Maley, R.D., 1994, Occurrence of herbicides, nitrite plus nitrate, and selected trace elements in ground water from northwestern and northeastern Missouri, July 1991 and 1992: U.S. Geological Survey Open-File Report 94-332, 64 p.
- Ziegler, A.C., Wallace, W.C., Blevins, D.W., and Maley, R.D., 1993, Occurrence of pesticides, nitrite plus nitrate, arsenic, and iron in water from two reaches of the Missouri River alluvium, northwestern Missouri--July 1988 and June-July 1989: U.S. Geological Survey Open-File Report 93-101, 30 p.
- Ziegler, A.C., Wilkison, D.H., and Maley, R.D., 1994, Occurrence of selected pesticides, nutrients, selected trace elements, and radionuclides in ground and surface water from west-central Missouri--July 1990-March 1991: U.S. Geological Survey Open-File Report 93-362, 71 p.

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