BIBLIOGRAPHY OF OKLAHOMA HYDROLOGY — REPORTS PREPARED BY THE U.S. GEOLOGICAL SURVEY AND PRINCIPAL COOPERATING AGENCIES, 1901–93

Compiled by John S. Havens

U.S. GEOLOGICAL SURVEY
Open-File Report 93–448

Oklahoma City, Oklahoma
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U.S. DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

U.S. GEOLOGICAL SURVEY

ROBERT M. HIRSCH, Acting Director

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Copies of this report can
be purchased from:
U.S. Geological Survey
Open-File Section
Federal Center
Box 25286
Denver, Colorado 80225

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INTRODUCTION

The water resources mission of the U.S. Geological Survey is to provide hydrologic information needed by others to manage the Nation's water resources. Among other tasks, the Survey, in cooperation with State and local governments, and other Federal agencies:

- Collects data on a systematic basis to determine the quantity, quality, and use of surface and ground water, and the quality of precipitation.
- Conducts water-resources investigation and assessments at national, State, and local scales, characterizes water-resources conditions, and provides the capability to predict the effect on the resource of managerial actions, proposed development plans, and natural phenomena.
- Conducts basic and problem-oriented hydrologic and water-related research.
- Acquires information useful in predicting and eliminating water-related natural hazards.
- Disseminates data and the results of investigations through reports, maps, and other forms of public release.
- Provides scientific and technical assistance in hydrology to other Federal agencies and to State and local agencies.

Reports on the hydrology of Oklahoma have been issued by the U.S. Geological Survey since 1901. Many of these reports have been prepared in cooperation with State and local agencies. Of the nearly 550 reports, abstracts, and journal ariticles issued from 1901 through July 1993, about 245 have been concerned primarily with ground water; the remainder have dealt with some aspect of surface water, water quality, or geology.

Early Annual Reports by the Director, U.S. Geological Survey, contained articles dealing with the geology of Oklahoma, specifically the Indian Territory coal fields in eastern Oklahoma. In 1901 and 1902, the Twenty-first and Twenty-second Annual Reports contained an article, "The High Plains and their utilization." C.N. Gould's 1905 "Geology and water resources of Oklahoma," U.S. Geological Survey Water-Supply Paper 148, was one of the first papers dealing with the hydrology of Oklahoma. Until the late 1930's, only a few reports dealing with water resources of isolated areas were issued. In the late 1930's and early 1940's, intensive water-resources studies were begun in the Oklahoma Panhandle in northwestern Oklahoma, probably as a result of drought and dust-bowl conditions throughout the State.

Records of ground-water-level data have been published since 1935. From 1935 through 1974, these records were published as Water-Supply Papers, "Ground-water levels in the United States," in either an annual or 5-year compilation. Beginning with 1956–60 records and continuing until 1985, ground-water-level data for Oklahoma have been published annually in cooperation with the Oklahoma Water Resources Board.

Records of discharge or stage of streams, and contents or stage of lakes and reservoirs were published first in a series of Water-Supply Papers, "Surface-water supply of the United States." Through 1960 these reports were published in an annual or semiannual series and from 1961 through 1970 as 5–year compilations. From 1961 to the present, Oklahoma streamflow data have been published in cooperation with the State of Oklahoma and other agencies as a series of annual "Water-Resources Data Reports."

Records of chemical analyses, water temperatures, and suspended sediment were published from 1941 to 1971 in an annual series of Water-Supply Papers entitled "Quality of surface water of the United States." Surface-water-quality data for water years 1964 to the present have been published either as separate reports or in conjunction with the Water-Resources Data Reports. Records of ground-water quality have been published on an irregular basis, either as part of a ground-water study or as separate reports.

Areal-investigations reports of ground-water occurrence may include tables of well information, geologic logs, geophysical logs, water-quality data, and surface-water data. Surface-water reports, in addition to the annual Water-Resources Data Reports, include investigations of floods, flood characteristics, surface-water quality, flow-frequency analyses and projection, statistical analyses of streamflow records, and surface-water resources of river basins. Water-quality reports include chemical analysis data and water-quality statistics of ground water and surface water, and water quality of lakes.

The most requested reports have been the annual Water-Resources Data Reports, which provide information on streamflow and water quality of Oklahoma streams for the year, and the reconnaissance Hydrologic Atlases prepared in cooperation with the Oklahoma Geological Survey, which contain maps of geology and hydrology of the State at a scale of 1:250,000.

In addition to reports issued by the U.S. Geological Survey, this bibliography lists selected journal articles and reports issued by the principal State cooperators, the Oklahoma Water Resources Board and Oklahoma Geological Survey, dealing with the hydrology and geology of Oklahoma. Many of these reports were written by U.S. Geological Survey authors and published by the cooperators. Some of these reports are now out-of-print; copies of most are available for inspection at the U.S. Geological Survey library in Oklahoma City.

An attempt has been made to include *all* older Open-File Reports pertaining to water resources in Oklahoma released over the years by the U.S. Geological Survey. A limited number of copies of some of these reports are available for distribution or a copy may be inspected at:

U.S. Geological Survey
Water Resources Division
202 NW 66th, Building 7
Oklahoma City, OK 73116

In addition, open-file reports may be purchased from the Open-File Section, Denver. (See "Sources of U.S. Geological Survey Publications.")

Reports are listed in this bibliography first by publishing agency (U.S. Geological Survey, Oklahoma Water Resources Board, and Oklahoma Geological Survey), then by type of

report (Professional Paper, Water-Supply Paper, and so forth), and last by author and date of publication. Author, subject, and report-number indexes are provided at the rear of this report.

SOURCES OF U.S. GEOLOGICAL SURVEY PUBLICATIONS

Since 1879, the U.S. Geological Survey has served the public, and Federal, State, and local governments by collecting, analyzing, and publishing detailed information about the Nation's mineral, land, and water resources. This information is in a variety of map, book, and other formats, and is available from several sources within the U.S. Geological Survey.

Oklahoma District Library

The Oklahoma District maintains a small library of selected publications, most dealing with the hydrology and geology of Oklahoma. The library is open to the public during regular office hours, 8:00–4:45, Monday through Friday.

Text Products—Books and Open-File Reports

To order U.S. Geological Survey book publications, catalogs, and pamphlets, and to obtain information on the availability of microfiche or duplicated paper copies of selected Open-File and Water-Resources Investigations Reports, write to:

U.S. Geological Survey
Open-File Section
Federal Center
Box 25286
Denver, CO 80225

Streamflow data, water-quality data for surface and ground water, and ground-water-level data for Oklahoma are combined and published in the annual series, U.S. Geological Survey Water-Data Reports. These Water-Data Reports are for sale by:

National Technical Information Service
U.S. Department of Commerce
5285 Port Royal Road
Springfield, VA 22161

Maps

To order geologic, hydrologic, topographic, and land-use and land-cover maps published by the U.S. Geological Survey, write to:

U.S. Geological Survey
Map Distribution Section
Federal Center,
Box 25286
Denver, CO 80225

New Publications

To be added to the mailing list for the free monthly catalog "New Publications of the Geological Survey" write to:

U.S. Geological Survey
582 National Center
Reston, VA 22092

INFORMATION SERVICES

General information on Oklahoma water resources and publications:

For general information on water resources and availability of publications dealing with Oklahoma, contact:

Kathy D. Peter, District Chief
U.S. Geological Survey
Water Resources Division
202 NW 66th, Building 7
Oklahoma City, OK 73116
(405) 231-4256

Public Inquiries Office

Public Inquiries Offices of the U.S. Geological Survey provide general information about the Geological Survey's programs and its publications. The nearest Public Inquiries Office to the Oklahoma City area is:

U.S. Geological Survey
Public Inquiries Office
169 Federal Building
1961 Stout Street Denver, CO 80294
(303) 844-4169

Computer Data-Base Information

The computer unit of the Oklahoma District of the U.S. Geological Survey manages the following data-base services that provide water-resources data:

NAtional **W**ater **D**ata **EX**change (NAWDEX) provides information on the location and types of data available.

WATer Data **STO**rage and **RE**trieval System (WATSTORE) provides the following types of information:

1. Well depth, depth to water, yield, name of aquifer, water-quality, and well-construction data for more than 20,000 water wells in Oklahoma.

2. Current discharge and water-quality data collected from about 150 streams, lakes, and springs in Oklahoma.

3. Current peak-flow data from about 40 partial-record stations in Oklahoma.

BIBLIOGRAPHY OF OKLAHOMA HYDROLOGY—REPORTS PREPARED BY THE U.S. GEOLOGICAL SURVEY AND PRINCIPAL COOPERATING AGENCIES, 1901–93

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[Revision of U.S. Geological Survey Open-File Report 89–33, with the addition of reports printed since publication of that report. Reports published from 1988 through July 1993 are marked with a pointing hand in the margin.]

U.S. GEOLOGICAL SURVEY

Professional Papers

Professional papers are mainly comprehensive scientific reports of wide and lasting interest and importance to professional scientists and engineers.

Bedinger, M.S., and Sneigocki, R.T., 1976, Summary appraisals of the Nation's ground-water resources—Arkansas-White-Red Region: U.S. Geological Survey Professional Paper 813–H, 31 p.

Bergman, D.L., and Sullivan, C.W., 1963, Channel changes on Sandstone Creek near Cheyenne, Oklahoma, *in* Geological Survey Research 1963: U.S. Geological Survey Professional Paper 475–C, p. C145–C148.

Clark, W.E., 1963, Evapotranspiration and relation of ground water to surface water in the Pond Creek basin, Oklahoma, *in* Geological Survey Research 1962: U.S. Geological Survey Professional Paper 450–E, p. E142–E145.

Leonard, A.R., and Ward, P.E., 1962, Use of Na/Cl ratios to distinguish oil field from salt springs brines in western Oklahoma, *in* Geological Survey Research 1962: U.S. Geological Survey Professional Paper 450–B, p. B126–B127.

U.S. Geological Survey, 1954, Water-loss investigations; Lake Hefner studies, technical report: U.S. Geological Survey Professional Paper 269, 158 p.

Ward, P.E., 1962, Shallow halite deposits in the Flowerpot Shale in southwestern Oklahoma: U.S. Geological Survey Professional Paper 450–E, p. E40–E42.

Ward, P.E., and Leonard, A.R., 1961, Hypothetical circulation of ground water around salt springs in western Oklahoma, Texas, and Kansas, *in* Geological Survey Research 1961: U.S. Geological Survey, Professional Paper 424–D, p. D150–D151.

Water-Supply Papers

Water-supply papers include reports on the geology, hydrology, quality, recoverability, and utilization of water resources.

Bedinger, M.S., Reed, J.E., Wells, C.V., and Swafford, B.F., 1970, Methods and applications of electrical simulation in ground-water studies in the lower Arkansas and Verdigris River valleys, Arkansas and Oklahoma: U.S. Geological Survey Water-Supply Paper 1971, 71 p.

Blumer, S.P., 1986, Oklahoma, Surface-water resources, *in* U.S. Geological Survey, 1986, National Water Summary, 1985: U.S. Geological Survey Water-Supply Paper 2300, p. 375–382.

Dover, T.B., Leonard, A.R., and Laine, L.L., 1968, Water for Oklahoma: U.S. Geological Survey Water-Supply Paper 1890, 107 p.

Gould, C.N., 1905, Geology and water resources of Oklahoma: U.S. Geological Survey Water-Supply Paper 148, 178 p.

Hanson, R.L., 1991, Evapotranspiration and droughts, *in* U.S. Geological Survey, 1991, National Water Summary 1988–89: U.S. Geological Survey Water-Supply Paper 2375, 591 p.

Havens, J.S., Marcher, M.V., and Schuelein, J.W., 1985, Oklahoma—Ground-water resources, *in* U.S. Geological Survey, 1985, National Water Summary 1984: U.S. Geological Survey Water-Supply Paper 2275, 467 p.

Heimann, D.C., Stoner, J.D., McTernan, E.W., and Schuelein, J.W., 1990, Oklahoma—Water supply and use, *in* U.S. Geological Survey, 1990, National Water Summary 1987: U.S. Geological Survey Water-Supply Paper 2350, 553 p.

Horak, W.F., and Stoner, J.D., 1988, Oklahoma—Ground-water quality, *in* U.S. Geological Survey, 1988, National Water Summary 1986: U.S. Geological Survey Water-Supply Paper 2325, 560 p.

Kennon, F.W., 1966, Hydrologic effects of small reservoirs in Sandstone Creek watershed, Beckham and Roger Mills Counties, western Oklahoma: U.S. Geological Survey Water-Supply Paper 1839–C, 39 p.

Leonard, A.R., 1963, Oklahoma, *in* The role of ground water in the Nation's water situation: U.S. Geological Survey Water-Supply Paper 1800, p. 671–698.

Marine, I.W., 1963, Correlation of water-level fluctuations with climatic cycles in the Oklahoma Panhandle: U.S. Geological Survey Water-Supply Paper 1669–K, 10 p.

Renick, B.C., 1925, Additional water supplies for the city of Enid, Oklahoma: U.S. Geological Survey Water-Supply Paper 520–B, p. 15–26.

Schwenneson, A.T., 1915a, Ground water for irrigation in the vicinity of Enid, Oklahoma: U.S. Geological Survey Water-Supply Paper 345–B, p. 11–23

———1915b, Ground water for irrigation in the valley of North Fork of Canadian River near Oklahoma City, Oklahoma: U.S. Geological Survey Water-Supply Paper 345–D, p. 41–51.

Stoner, J.D., 1985, Dissolved solids in the Arkansas River Basin, *in* U.S. Geological Survey, 1985, National Water Summary 1984: U.S. Geological Survey Water-Supply Paper 2275, 467 p.

Tanaka, H.H., 1972, Geohydrology of the lower Verdigris River valley between Muskogee, and Catoosa, Oklahoma: U.S. Geological Survey Water-Supply Paper 1999–A, 23 p.

Tanaka, H.H., Hollowell, J.R., and Murphy, J.J., 1966, Hydrology of the alluvium of the Arkansas River, Muskogee, Oklahoma, to Fort Smith, Arkansas, *with a section on* Chemical quality of the water, by J.J. Murphy: U.S. Geological Survey Water-Supply Paper 1809–T, 42 p.

Thompson, D.C., 1922, Ground water for irrigation near Gage, Ellis County, Oklahoma: U.S. Geological Survey Water-Supply Paper 500–B, p. 33–53.

Tortorelli, R.L., Cooter, E.J., and Schuelein, J.W., 1991, Oklahoma—Floods and droughts, *in* U.S. Geological Survey, 1991, National Water Summary 1988–89:

U.S. Geological Survey Water-Supply Paper 2375, 591 p.

U.S. Geological Survey, 1954, Floods of May 1951 in western Oklahoma and northwestern Texas: U.S. Geological Survey Water-Supply Paper 1227–B, p. 135–199.

———1984, Oklahoma water issues, *in* U.S. Geological Survey, 1984, National Water Summary 1983—Hydrologic events and issues, U.S. Geological Survey Water-Supply Paper 2250, 243 p.

Water-Supply Papers containing ground-water-level data for Oklahoma

Calendar Year	Water-Supply Paper	Calendar Year	Water-Supply Paper
1935	777	1948	1129
1936	817	1949	1159
1937	840	1950	1168
1938	845	1951	1194
1939	886	1952	1244
1940	909	1953	1268
1941	939	1954	1324
1942	947	1955	1407
1943	989	1956–59	1549
1944	1019	1960–64	1824
1945	1026	1965–69	1979
1946	1074	1970–74	2172
1947	1099		

Water-Supply Papers containing surface-water-quality data for Oklahoma

Water Year	Water-Supply Paper	Water Year	Water-Supply Paper
1941	942	1957	1522
1942	950	1958	1573
1943	970	1959	1644
1944	1022	1960	1744
1945	1030	1961	1884
1946	1050	1962	1944
1947	1102	1963	1950
1948	1133	1964	1957
1949	1163	1965	1964
1950	1188	1966	1994
1951	1199	1967	2014
1952	1252	1968	2096
1953	1292	1969	2146
1954	1352	1970	2156
1955	1402	1971	2166
1956	1452		

Water-Supply Papers containing surface-water data for Oklahoma

Water Year	Water-Supply Paper	Water Year	Water-Supply Paper
1899	37	1932	732
1900	50	1933	747
1901	65, 66, 75	1934	762
1902	83, 84	1935	787
1903	98, 99	1936	807
1904	128, 131	1937	827
1905	169, 173	1938	857
1906	205, 209	1939	877
1907–08	247	1940	897
1909	267	1941	927
1910	287	1942	957
1911	307	1943	977
1912	327	1944	1077
1913	357	1945	1037
1914	387	1946	1057
1915	407	1947	1087
1916	437	1948	1117
1917	457	1949	1147
1918	477	1950	1177
1919–20	507	1951	1211
1921	527	1952	1241
1922	547	1953	1281
1923	567	1954	1341
1924	587	1955	1391
1925	607	1956	1441
1926	627	1957	1511
1927	647	1958	1561
1928	667	1959	1631
1929	687	1960	1711
1930	702	1961–65	1921
1931	717	1966–70	2121

Hydrologic Investigations Atlases

Multicolored or black and white maps on topographic or planimetric bases presenting a wide range of geohydrologic data; for both regular and irregular areas.

☞ Bergman, D.L., and Tortorelli, R.L., 1988, Flood of May 26–27, 1984 in Tulsa, Oklahoma: U.S. Geological Survey Hydrologic Investigations Atlas HA–707, 1 sheet.

☞ Christenson, S.C., Morton, R.B., and Mesander, B.A., 1992, Hydrogeologic maps of the Central Oklahoma aquifer, Oklahoma: U.S. Geological Survey Hydrologic Investigations Atlas HA–724, 3 sheets.

Hart, D.L., Jr., 1966, Base of fresh ground water in southern Oklahoma: U.S. Geological Survey Hydrologic Investi-

gations Atlas HA–223, scale 1:250,000, 2 sheets.

Krothe, N.C., Oliver, J.W., and Weeks, J.B., 1982, Dissolved solids and sodium in water from the High Plains aquifer in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming: U.S. Geological Survey Hydrologic Investigations Atlas HA–658, scale 1:2,500,000, 2 sheets.

Lohman, S.W., Burtis, V.M., and others, 1953a, Areas of principal ground-water investigations in the Arkansas, White, and Red River basins: U.S. Geological Survey Hydrologic Investigations Atlas HA–2, scale 1:2,500,000, 2 sheets.

———1953b, General availability of ground water and depth to water level in the Arkansas, White, and Red River basins: U.S. Geological Survey Hydrologic Investigations Atlas HA–3, scale 1:2,500,000.

Luckey, R.R., Gutentag, E.D., and Weeks, J.B., 1981, Water-level and saturated-thickness changes, predevelopment to 1980, in the High Plains aquifer in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming: U.S. Geological Survey Hydrologic Investigations Atlas HA–652, scale 1:2,500,000, 2 sheets.

Morton, R.B., and Goemaat, R.L., 1972, Reconnaissance of the water resources of Beaver County, Oklahoma: U.S. Geological Survey Hydrologic Investigations Atlas HA–450, scale 1:125,000, 3 sheets.

Sapik, D.B., and Goemaat, R.L., 1972, Reconnaissance of the ground-water resources of Cimarron County, Oklahoma: U.S. Geological Survey Hydrologic Investigations Atlas HA–373, scale 1:125,000, 3 sheets.

Weeks, J.B., and Gutentag, E.D., 1981, Bedrock geology, altitude of base, and 1980 saturated thickness of the High Plains aquifer in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming: U.S. Geological Survey Hydrologic Investigations Atlas HA–648, scale 1:2,500,000, 2 sheets.

Wood, P.R., and Hart, D.L., Jr., 1967, Availability of ground water in Texas County, Oklahoma: U.S. Geological Survey Hydrologic Investigations Atlas HA–250, scale 1:125,000, 3 sheets.

Miscellaneous Geologic Investigations

Maps on planimetric or topographic bases; regular and irregular areas; various scales; with a wide variety of format and subject matter.

Morton, R.B., 1973, Preliminary investigations of the hydrogeology of the Middle Permian to Tertiary rocks of the Oklahoma Panhandle: U.S. Geological Survey Miscellaneous Geologic Investigations Map I–738, scale approximately 1:250,000, 2 sheets.

Open-File Reports

Open-file reports include unpublished manuscript reports, maps, and other material and are made available for public consultation and use. They are a nonpermanent form of publication that may be cited in other publications as sources of information.

Andreasen, G.E., and Bromery, R.W., 1963, Total intensity aeromagnetic profiles over northeastern Oklahoma: U.S. Geological Survey Open-File Report 63–3, 1 map, in 2 parts.

Barclay, J.E., 1951, Ground-water levels in Oklahoma: U.S. Geological Survey Open-File Report 51–200, 3 p.

Bednar, G.A., and Waldrep, T.E., 1973, Fluvial sediment in Double Creek sub-watershed no. 5, Washington County, Oklahoma: U.S. Geological Survey Open-File Report 73–22, 38 p.

Bergman, D.L., and Huntzinger, T.L., 1981, Rainfall-runoff hydrographs and basin char-

acteristics data for small streams in Oklahoma: U.S. Geological Survey Open-File Report 81–824, 320 p.

Bingham, R.H., 1969, Ground-water levels in observation wells in Oklahoma, 1967–68: U.S. Geological Survey Open-File Report 69–335, 92 p.

Blumer, S.P., 1983, Sediment data for Mid-Arkansas and Upper Red River basins through 1980: U.S. Geological Survey Open-File Report 83–692, 799 p.

Blumer, S.P., and Alf, L.A., 1986, Hydrologic data for selected streams in the coal area of southeastern Oklahoma, July 1978 to September 1982: U.S. Geological Survey Open-File Report 86–319, 337 p.

Blumer, S.P., and Hauth, L.D., 1984, Use and availability of continuous streamflow records in Oklahoma: U.S. Geological Survey Open-File Report 84–747, 23 p.

Blumer, S.P., and Scott, J.C., 1984, Hydrologic data for the Lehigh area, southeastern Oklahoma, May 1977 to January 1982: U.S. Geological Survey Open-File Report 84–599, 212 p.

Bohn, J.D., and Hoffman, G.L., 1970, A proposed streamflow data program for Oklahoma: U.S. Geological Survey Open-File Report 70–32, 44 p.

☞ Breit, G.N., 1992, Mineralogy and petrography of Permian rocks in the Central Oklahoma aquifer: Implications for ground-water quality [abs.]: *in* Christenson, Scott, and Carpenter, Lyn, 1992, eds., Ground-water quality of the Central Oklahoma (Garber-Wellington) aquifer conference: Proceedings, February 20, 1992: U.S. Geological Survey Open-File Report 92–116, p. 12–13.

☞ Breit, G.N., Mosier, E.L., Schlottmann, J.L., and Papp, C.S.E., 1990, Rock/water interactions and ground-water contamination in Permian rocks, Central Oklahoma aquifer: *in* Gough, L.P., ed., 1990, Environmental forum 1990: Geoscience investigations that emphasize chemical, physical, and biological ecosystem processes: U.S. Geological Survey Open-File Report 90–288, 21 p.

☞ Breit, G.N., Rice, Cyndi, Esposito, Ken, and Schlottmann, J.L., 1990, Mineralogy and petrography of Permian rocks in the Central Oklahoma aquifer: U.S. Geological Survey Open-File Report 90–678, 50 p.

Buckner, H.D., and Kurklin, J.K., 1984, Floods in south-central Oklahoma and north-central Texas: U.S. Geological Survey Open-File Report 84–065, 112 p.

Cady, R.C., 1937 (?), Ground water in Creek County, Oklahoma: U.S. Geological Survey Open-File Report 37–2, 12 p.

Carr, J.E., and Havens, J.S., 1976, Records of wells and water quality for the Garber-Wellington aquifer, northern Oklahoma and southern Logan Counties, Oklahoma: U.S. Geological Survey Open-File Report 76–619, 32 p.

Carr, J.E., and Marcher, M.V., 1977, A preliminary appraisal of the Garber-Wellington aquifer, southern Logan and northern Oklahoma Counties, Oklahoma: U.S. Geological Survey Open-File Report 77–278, 23 p.

☞ Christenson, Scott, 1992, Geohydrology and ground-water flow simulation of the Central Oklahoma aquifer [abs.]: *in* Christenson, Scott, and Carpenter, Lyn, 1992, eds., Ground-water quality of the Central Oklahoma (Garber-Wellington) aquifer conference: Proceedings, February 20, 1992: U.S. Geological Survey Open-File Report 92–116, p. 5–6.

☞ Christenson, Scott, and Carpenter, Lyn, eds., 1992, Ground-water quality of the Central Oklahoma (Garber-Wellington) aquifer conference: Proceedings, February 20, 1992: U.S. Geological Survey Open-File Report 92–116, 24 p.

Christenson, S.C., Morton, R.B., Havens, J.S., and Fairchild, R.W., 1988, Geologic logs for selected deep wells in parts of Oklahoma, Texas, and New Mexico: U.S. Geological Survey Open-File Report 86–541, 161 p.

Christenson, S.C., Morton, R.B., and Mesander, B.A., 1990, Hydrogeologic maps of the Central Oklahoma aquifer, Oklahoma: U.S. Geological Survey Open-File Report 90–579, 3 sheets. [Published as U.S. Geological Survey Hydrologic Investigations Atlas HA–724, 3 sheets.]

Christenson, S.C., and Parkhurst, D.L., 1987, Ground-water quality assessment of the Central Oklahoma aquifer, Oklahoma: Project Description: U.S. Geological Survey Open-File Report 87–235, 30 p.

Christenson, S.C., Parkhurst, D.L., and Fairchild, R.W., 1990, Geohydrology and water quality of the Roubidoux aquifer, northeastern Oklahoma: U.S. Geological Survey Open-File Report 90–570, 109 p., 1 plate.

Christenson, S.C., Thomas, T.B., Overton, M.D., Goemaat, R.L., and Havens, J.S., 1991, Geophysical logs for selected wells in the Picher field, northeast Oklahoma and southeast Kansas: U.S. Geological Survey Open-File Report 91–213, 95 p.

Corley, R.K., and Huntzinger, T.L., 1979, Flood of August 27–28, 1977, West Cache Creek and Blue Beaver Creek, southwestern Oklahoma: U.S. Geological Survey Open-File Report 79–256, scale 1:24,000, 1 sheet.

D'Lugosz, J.J., and McClaflin, R.G., 1977, Hydrologic data for the Vamoosa aquifer, east-central Oklahoma: U.S. Geological Survey Open-File Report 77–487, 38 p.

———1978, Geohydrology of the Vamoosa aquifer, east-central Oklahoma: U.S. Geological Survey Open-File Report 78–781, 63 p.

Davis, L.V., 1955, Ground-water investigations in Oklahoma: U.S. Geological Survey Open-File Report 55–36, 4 p.

Davis, L.V., and Schoff, S.L., 1948, Ground water in the Blanchard area, McClain County, Oklahoma: U.S. Geological Survey Open-File Report 48–80, 11 p.

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