

List of Geological Maps (GM) 1-40

GM-1. Mineral map of Oklahoma (exclusive of petroleum and natural gas fields), by John H. Warren. 1955. Scale 1:720,000.

GM-2. Map showing ground-water reservoirs of Oklahoma, by S.L. Schoff. November 1955. Scale 1:750,000. Accompanied by text describing groundwater conditions.

GM-3. Tectonic map of Oklahoma, by J. Kaspar Arbenz. November 1956. Scale 1:750,000.

GM-4. Geologic map of Criner Hills area, Oklahoma, by E.A. Frederickson. September 1957. Scale 1:20,000 (approximate).

GM-5. Geologic map and section of pre-Pennsylvanian rocks in Oklahoma, showing surface and subsurface distribution, by Louise Jordan. August 1962. Scale 1:750,000.

GM-6, 7. Magnetic and gravity maps of Oklahoma. Set of 2 maps at a scale of 1:750,000, with accompanying text (15 pages), by Paul L. Lyons, V.L. Jones, and Peter Jacobsen. October 1964.

GM-6. Vertical-intensity magnetic map of Oklahoma, by V.L. Jones and Paul L. Lyons.

GM-7. Bouguer gravity-anomaly map of Oklahoma, by Paul L. Lyons.

GM-8. Petroleum-impregnated rocks and asphaltite deposits of Oklahoma, by Louise Jordan. October 1964. Explanatory text, 16 pages. Scale 1:750,000.

GM-9. Geologic map and section of pre-Woodford rocks in Oklahoma, showing surface and subsurface distribution, by Russell S. Tarr, Louise Jordan, and T.L. Rowland. June 1965. Scale 1:750,000.

GM-10, 11, 12, 13. Pipelines and oil and gas fields of Oklahoma, 1965. 1966. Set of 4 maps. Scale 1:750,000.

GM-10. Oil and gas fields of Oklahoma, 1965. Products

GM-11. Pipelines of Oklahoma, 1965. Crude-oil

GM-12. Pipelines of Oklahoma, 1965. Natural gas

GM-13. Pipelines of Oklahoma, 1965.

GM-14. Geologic maps and stratigraphic cross sections of Silurian strata and Lower Devonian formations in Oklahoma, by Thomas W. Amsden and T.L. Rowland. November 1967. Scales: 1 map at 1:750,000 and 6 maps at 1 inch = 64 miles, all on one sheet.

GM-15. Mineral map of Oklahoma (exclusive of oil and gas fields), by Kenneth S. Johnson. February 1970. In color. Scale 1:750,000.

GM-16. Vertical intensity magnetic map of McClain and southern Cleveland Counties, central Oklahoma, by John A.E. Norden, John L. Bedwell, Arthur J. Blair, II, Carl B. Kaupp, III, John W. Marchetti, Jr., and J.M. Markas, August 1972. Magnetic contours printed in red; contour interval, 10 gammas. Oil and gas fields in green and pink. Scale 1:63,360.

GM-17. Maps and description of disturbed and reclaimed surface-mined coal lands in eastern Oklahoma, showing acreage disturbed and reclaimed through June 1973, by Kenneth S. Johnson. August 1974. Three map sheets at a scale of 1:125,000. Accompanying 12-page text.

GM-18. Stereoscopic and mosaic aerial-photograph study of the structure of the central Ouachita Mountains in Oklahoma and Arkansas, by Frank A. Melton. April 1976. One 4-color map sheet, with 3 maps at scales of 1:250,000, 1:125,000, and 1:62,500 each, showing principal structures visible from aerial photographs.

GM-19. Earthquake map of Oklahoma, earthquakes shown through 1978, by James E. Lawson, Jr., Robert L. DuBois, Paul H. Foster, and Kenneth V. Luza. June 1979. Scale 1:750,000. Accompanying 15-page text on Inventory, detection, and catalog of Oklahoma earthquakes.

GM-20. Geologic map of Southwest Davis Zinc Field, Arbuckle Mountains, Oklahoma, by Robert O. Fay. November 1981. Scale 1:7,920. Accompanying 16-page text.

GM-21. Index to surface geologic mapping in Oklahoma (through 1976), compiled by John F. Roberts, Kenneth V. Luza, and James A. Corff. May 1981. Scale 1:750,000. Two map sheets.

GM-22. Index to subsurface mapping in Oklahoma (1967-1976), compiled by John F. Roberts, Timothy Drexler, Elizabeth A. Ham, Kathryn N. Jensen, Kenneth V. Luza, Matthew W. Totten, and Kurt Hollocher. May 1981. Scale 1:750,000. Three map sheets.

GM-23. Map showing potentially strippable coal beds in eastern Oklahoma, by Samuel A. Friedman and Ronald J. Woods. August 1982. Set of 4 map sheets. Scale 1:125,000.

GM-24. Map of eastern Oklahoma showing locations of active coal mines, 1977-79, compiled by Samuel A. Friedman and K.C. Sawyer. July 1982. Scale 1:500,000.

GM-25. Map of Oklahoma showing localities of reported uranium and radioactivity values, compiled by Matthew W. Totten and Robert O. Fay. August 1982. Scale 1:750,000. Accompanying 16-page text.

GM-26. Indexes to surface and subsurface geologic mapping in Oklahoma, 1977-1979, compiled by Kenneth V. Luza, Elizabeth A. Ham, and Philip R. Sanders. July 27, 1983. Scale 1:750,000.

GM-27. Geothermal resources and temperature gradients of Oklahoma, compiled by William E. Harrison, George A. Laguros, M. Lynn Prater, and Paul K. Cheung. September 18, 1984. Scale 1:500,000.

GM-28. Map of Oklahoma oil and gas fields, compiled by Margaret R. Burchfield. Color map showing outlines of 3,083 active fields and 35 abandoned fields. List of names and locations of all fields. Scale 1:500,000. 1985; 2nd printing, 1989; revised supplement, 1997.

GM-29. Index to subsurface geologic mapping in Oklahoma, 1940–1966 [second edition], compiled by Louise Jordan and John F. Roberts. 6 color sheets (plates 1–6), Scale 1:1,000,000. 1986.

GM-30. A stratigraphic and structural study of the Eram coal and associated strata in eastern Okmulgee County and western Muskogee County, Oklahoma, by LeRoy A. Hemish, assisted by Kenneth N. Beyma. 1 sheet, Scale 1:31,680, accompanying text. 1988.

GM-31. Geologic Map and Sections of the Arbuckle Mountains, Oklahoma, by William E. Ham and Myron E. McKinley and others. Scale 1:100,000. 1954. Revised by Kenneth S. Johnson. 1990.

GM-32. Radon-potential map of Oklahoma, by James R. Flood, Tom B. Thomas, Neil H. Suneson, and Kenneth V. Luza. 1 sheet, Scale 1:750,000, accompanying text. 1990.

GM-33. Coal geology of Tulsa, Wagoner, Creek, and Washington Counties, Oklahoma, by LeRoy A. Hemish. 3 sheets (plates 1–5), Scale 1:63,360, accompanying text, separate 117-page appendixes. 1990.

GM-34. Pre-Woodford subcrop map of the Anadarko basin, western Oklahoma and Texas Panhandle, by Thomas W. Amsden and James E. Barrick. 2 sheets, Scale 1:500,000, accompanying text. 1993.

GM-35. Earthquake map of Oklahoma (with text), by James E. Lawson, Jr., and Kenneth V. Luza. Earthquakes shown through 1993. One 4-color map sheet intended for use as a guide only to earthquake intensity and epicentral locations. Scale 1:500,000. Explanatory text, inventory, detection, and catalog of Oklahoma earthquakes. 1995.

GM-36. Oklahoma oil and gas fields (distinguished by GOR and conventional gas vs. coalbed methane), by Dan T. Boyd. One 4-color map sheet at a scale of 1:500,000; 128-page explanatory text and 3 tables. 2002.

GM-37. Oklahoma oil and gas fields (distinguished by coalbed methane and field boundaries), by Dan T. Boyd. One 4-color map sheet at a scale of 1:500,000; 128-page explanatory text and 3 tables. 2002.

GM-38. Oklahoma oil and gas fields (by reservoir age), by Dan T. Boyd. One 4-color map sheet at a scale of 1:500,000. 2002.

GM-39. Map of Oklahoma oil and gas fields: Distinguished by gas to oil ratio and gas vs. coalbed methane. Brittany N. Pritchett. Scale 1:500,000. 2015. One 4-color map sheet; 7-page explanatory text; 2 tables.

GM-40. Map of Oklahoma oil and gas fields: Distinguished by coalbed methane and field boundaries. Brittany N. Pritchett. Scale 1:500,000. 2015. One 4-color map sheet; 7-page explanatory text; 2 tables.