

Catalogue of Publications

Tennessee Geological Survey

State of Tennessee
Department of Environment and Conservation
Nashville, TN
2024

Tennessee Geological Survey

Catalogue of Publications

The Tennessee Geological Survey conducts research on the geology and mineral resources of Tennessee and makes the resulting scientific and technical information available to the public in the maps and publications listed in this pamphlet. Additional information and services are available through conferences and correspondence.

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Nashville, Tennessee
2024

STATE OF TENNESSEE

Bill Lee
Governor

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

David Salyers, P.E.
Commissioner

Tennessee Geological Survey

Ronald P. Zurawski
State Geologist

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TN GEOLOGICAL SURVEY STAFF & RELATED CONTACTS

Ron Zurawski, State Geologist (615/532-1502) (Ronald.Zurawski@tn.gov),
Barry Miller, Assistant State Geologist (865/594-5599) (Albert.Horton@tn.gov)

Nashville Office (615/532-1502)

TN Tower, 312 Rosa L. Parks, 12th Fl

Nashville, TN 37243

Vince Antonacci, Geologist

Ron Clendening, Geologist

Carolyn Patton, Sales Office/Administrative Assistant

Knoxville Office (865/594-6035)

Environmental Field Office-Knoxville

3711 Middlebrook Pike

Knoxville, TN 37921

Peter Lemiszki, Chief Geologist

Barry Miller, Geologist

CONTACT PERSON FOR:

Coal — Barry W. Miller (865/594-5599) (Barry.Miller@tn.gov)

Databases — Peter J. Lemiszki (865/594-5596) (Peter.Lemiszki@tn.gov)

East Tennessee Geology — 3711 Middlebrook Pike, Knoxville, TN 37921 (865/594-6035) Fax (865/594-6105)

Environmental Geology — Albert Horton (615/532-1509) (Albert.Horton@tn.gov)

Geologic Mapping — (615/532-1502)

Geologist Registration — Division of Regulatory Boards-Geology Registration Section, Tennessee Department of Commerce and Insurance, 500 James Robertson Parkway, 2nd Floor, Nashville, TN 37243-1139.
Geology.Board@tn.gov (615/741-3611) Fax: 615/532-9410

Industrial Minerals — Ron Zurawski (615/532-1502) (Ronald.Zurawski@tn.gov)

Maps and Publications Sales — Kara Blevins (865/594-5460) (geology.sales@tn.gov)

Metallic Minerals — Peter J. Lemiszki (865/594-5596) (Peter.Lemiszki@tn.gov)

Middle Tennessee Geology — (615/532-1502)

Mineral Exploration Core/Oil & Gas Well Cuttings — Albert Horton (615-532-1509) (Albert.Horton@tn.gov)

Oil and Gas Database & Production — Elaine Foust (615/687-7109) (Elaine.Foust@tn.gov)

Oil and Gas Inspectors Glen Burke (865/207-0733)
Christina Coyt (931/312-9112)

Oil and Gas Regulatory, including permits - George Stephens (865) 221-3214 (George.Stephens@tn.gov) Division of Mineral and Geologic Resources, Oil & Gas Program, 3711 Middlebrook Pk, Knoxville, TN 37921

Other contacts: Elaine Foust (615-687-7109) (Elaine.Foust@tn.gov)

Andrew Wunderlich (865/594-5596) (Andrew.Wunderlich@tn.gov)

Kara Blevins (865/594-5460) (Kara.Blevins@tn.gov)

Oil and Gas Well Records – Elaine Foust (615-687-7109) (Elaine.Foust@tn.gov)

Public Information/Education — (615/532-1502)

STATEMAP Designated Contact — Ron Zurawski (615/532-1502) (Ronald.Zurawski@tn.gov)

Technical Publications — (615/532-1502)

Water Resources — Jennifer Dodd, (Jennifer.Dodd@tn.gov) Division of Water Resources, 11th Floor, William R. Snodgrass TN Tower, 312 Rosa L. Parks Ave, Nashville, TN 37243 (615/532-0789)

West Tennessee Geology — Valarie Harrison (615-714-7434) (Valarie.Harrison@tn.gov)

How To Order Geologic Publications

Except where the supply is exhausted, all publications listed herein may be ordered from the Tennessee Department of Environment and Conservation, Tennessee Geological Survey, Maps and Publications Sales Office, 3711 Middlebrook Pike, Knoxville, TN 37921. To call, phone (865) 594-5460, FAX (865) 594-6105, EMAIL geology.sales@tn.gov. For geologic questions, please call or email us at: (615) 532-1502 or Ronald.Zurawski@tn.gov. To view our catalogue on the internet, our web address is tn.gov/environment/section/geo-geology

PREPAYMENT ON ALL ORDERS IS REQUIRED. Checks or money orders should be made payable to the Tennessee Geological Survey. Prices are subject to change without notice. ALL SALES ARE FINAL. Any discrepancies created by our office must be reported within 15 days of receipt of order.

CREDIT CARDS (VISA, MasterCard, Discover and American Express,) are accepted for in- person, telephone, mail, and e-mail orders. Our office is not responsible for the security of credit card numbers transmitted by e-mail, though the utmost care will be taken to ensure security.

SALES ORDER HOURS are 8:30 AM to 3:00 PM EST, Monday, Tuesday, and Friday. We are closed during all State Holidays. Please phone ahead for unforeseen closures.

OIL AND GAS WELL RECORDS: Typewritten drillers logs, and geophysical logs are now located with Division of Mineral and Geologic Resources, Knoxville Environmental Field Office, located at 3711 Middlebrook Pike, Knoxville, TN 37921. Any inquiries may be directed to Elaine Foust with the Oil & Gas Program at 615-687-7109.

POSTAGE AND HANDLING INFORMATION: Orders are mailed at the most economical rate. We have one outgoing mail day, Thursday of each week. For large orders, please allow extra time to prepare and package items. This includes regular and rush mail orders. Also, extra time is needed for some items that require a warehouse pickup. Allow 2 to 4 weeks for delivery. For rush orders, you may use UPS or FedEx express services and delivery charges can be charged to your credit card, or express courier account, if you have one. All rush orders are to be submitted by 12:00 PM EST, Tuesdays to guarantee requested delivery (based upon size of order).

When ordering 3 or less maps, (unless requested to be rolled, maps are already pre-folded, or due to size of map(s): larger than 28" x 36"), maps will be folded. The paper size for the 1:24,000 scale topo maps is usually 22" x 27" or smaller.

Postage and handling charges (will vary based upon total cost and weight of order)

Minimum Mail cost is \$5.00

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| 0 - \$5.00 | ----- | \$5.00 |
| \$5.01 - \$10.00 | ----- | \$5.00 |
| \$10.01 - \$25.00 | ----- | \$5.00 |
| \$25.01 - \$100.00 | ----- | \$10.00 |
| More than \$100.00 | ----- | \$15.00 |

DISCOUNTS

ON ORDERS OF: *6 - 11 of same title or *12 or more of same title *Only applies to the following:

| TITLE | Retail Price | Price for 6-11 | Price for 12 or more |
|---|--------------|----------------|----------------------|
| Bulletin #64—Caves of Tennessee by Thomas C. Barr | \$19.95 | \$17.95 | \$14.95 |
| Bulletin #69—Descriptions of Tennessee Caves by Larry E. Matthews | \$10.00 | \$9.00 | \$7.50 |
| Bulletin #72—Gold Deposits of the Coker Creek District, Monroe County, Tennessee by Robin C. Hale | \$14.50 | \$13.05 | \$10.88 |
| Bulletin #73—Place Names of Tennessee by Ralph O. Fullerton | \$13.00 | \$11.70 | \$9.75 |
| Bulletin #74—The Geologic History of Tennessee by Robert A. Miller | \$5.00 | \$4.50 | \$3.75 |
| Bulletin #77—Vertebrate Fossils of Tennessee by James X. Corgan | \$6.50 | \$5.85 | \$4.87 |
| Bulletin #80—Natural Bridges of Tennessee by James X. Corgan & John T. Parks | \$13.00 | \$11.70 | \$9.75 |
| Bulletin #83—Tennessee Minerals Annual coordinated by Gregory A. Upham | \$7.50 | \$6.75 | \$5.62 |
| Bulletin #84—Tennessee's Prehistoric Vertebrates by James X. Corgan and Emanuel Breitburg | \$10.85 | \$9.76 | \$8.13 |
| Bulletin #86—Tennessee Topography by David D. Starnes | \$19.95 | \$17.95 | \$14.95 |
| Report of Investigations #39—Guide to the Geology along Interstate Highways in Tennessee by Robert Lake Wilson | \$6.50 | \$5.85 | \$4.87 |
| Report of Investigations #44 Part 1—The Karst Hydrogeology of the Cumberland Plateau Escarpment of Tennessee by Nicholas C. Crawford | \$5.50 | \$4.95 | \$4.12 |
| Report of Investigations #44 Part 2—The Karst Hydrogeology of the Cumberland Plateau Escarpment of Tennessee by Nicholas C. Crawford | \$5.50 | \$4.95 | \$4.12 |
| Report of Investigations #44 Part 3—The Karst Hydrogeology of the Cumberland Plateau Escarpment of Tennessee by Nicholas C. Crawford | \$3.50 | \$3.15 | \$2.62 |
| Report of Investigations #44 Part 4—The Karst Hydrogeology of the Cumberland Plateau Escarpment of Tennessee by Nicholas C. Crawford | \$20.00 | \$18.00 | \$15.00 |
| State Park Series #1—Geology of Cedars of Lebanon State Park and Forest and Vicinity in Wilson County, Tennessee by C. W. Wilson, Jr. | \$3.50 | \$3.15 | \$2.62 |
| Physiographic Map of Tennessee (black and white) by Edgar Bingham and Walter L. Helton | \$3.25 | \$2.92 | \$2.43 |

Listed below is the wholesale price list of the Mini-History series books (Buddy Brehm's) when you purchase (5) or more books. This equals a 40% discount.

| TITLE | RETAILPRICE | WHOLESALE PRICE |
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| Arnold Village Site, The | \$6.00 | \$3.60 |
| Battle of Hartsville, The | \$6.00 | \$3.60 |
| Bell Witch or our Family Trouble, The | \$6.00 | \$3.60 |
| Duck River Cache – TN's Greatest Archaeological Find | \$6.00 | \$3.60 |
| Echoes of the Bell Witch in the 20 th Century | \$6.00 | \$3.60 |
| Further Contribution to the Study of the Mortuary Customs of the North American Indians, A | \$10.00 | \$6.00 |
| Ganier Site, The | \$3.75 | \$2.25 |
| General Gates P. Thruston, Archaeologist | \$3.25 | \$1.95 |
| History of the Blind Wolf Pipe and other Tennessee Indian Pipes, The | \$4.75 | \$2.85 |
| History of the Brick Church Pike Mound (40DV39) | \$3.75 | \$2.25 |
| History of the Duck River Cache, The | \$6.00 | \$3.60 |
| Narrows of the Harpeth River and Montgomery Bell, The | \$3.75 | \$2.25 |
| Of Hair, Scalps and Skulls | \$6.00 | \$3.60 |
| Port Royal – An Early Tennessee Town | \$3.75 | \$2.25 |
| Store Porch Stories | \$5.00 | \$3.00 |
| Tennessee's Aboriginal Art – The Monolithic Axe | \$10.00 | \$6.00 |
| Travelers' Rest Site: A Fortified Prehistoric Middle Cumberland Indian Village, The | \$5.50 | \$3.30 |
| West Site: A Stone Box Cemetery in Middle Tennessee, The | \$6.00 | \$3.60 |

PUBLIC INFORMATION SERIES

Portable Document Format (PDF) available for download: <http://tn.gov/environment/article/geo-maps-public-information-series>

Public Information Series #1—Subsidence and Sinkholes in East Tennessee—A Field Guide To Holes In The Ground, 9 p., 15 figures, by Martin S. Kohl (1999) (Second Edition 2001). Describes various types of earth subsidence and karst-related features that commonly occur in East TennesseeNo charge

Public Information Series #2—How To Pan For Gold, 2 p., 4 figures, by Robin C. Hale (1999). Shows where and why gold occurs, and explains the author's method of panning. For the inexperienced enthusiastNo charge

Fossil Hunting in Nashville, brochure prepared for the Seventeenth Annual Celebration of Earth Science Week, October 12-18, 2014. Nine sites in and around Nashville where Ordovician fossils can be collected. Includes line drawings of the more common species No charge

LIST OF OUT-OF-PRINT PUBLICATIONS THAT ARE AVAILABLE FOR DOWNLOAD

Portable Document Format (PDF) available for download:

<https://www.tn.gov/environment/program-areas/tennessee-geological-survey/geology-redirect/mapspublications/out-of-print-publications-online.html>

Bulletins:

| | | | |
|------------------|-------------------|-----|----------|
| 1. A. and B. | 4. | 13. | 58-pt.2. |
| 3. A., B. and C. | 10.A., B., and C. | 14. | 60. |

Environmental Geology Series:

1.

GEOLOGIC FOLIOS:

PENNSYLVANIAN GEOLOGY OF THE CUMBERLAND PLATEAU

Any of the oversize maps and charts available as downloadable PDFs can be printed for a charge of \$10.00 each plus the appropriate postage and handling charge.

Oil and Gas Chart:

| | | |
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| Chart 1. | Chart 2. | Chart 4. |
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Reports of Investigations:

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| 16. | 21. | 24. |
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Resources of Tennessee – 1st Series:

Volume VII. 1917:

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| No. 1. | No. 2. | No. 3. | No. 4. |
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Volume VIII. 1918:

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| No. 1. | No. 2. | No. 3. | No. 4. |
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Volume IX. 1919:

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| No. 1. | No. 2. |
|--------|--------|

TENNESSEE GEOLOGICAL SURVEY MAPS AND PUBLICATIONS

BULLETINS

1. A. THE ESTABLISHMENT, PURPOSE, SCOPE AND METHODS OF THE STATE GEOLOGICAL SURVEY, 33 p., by Geo. H. Ashley (1910).....Online
- B. BIBLIOGRAPHY OF TENNESSEE GEOLOGY, SOILS, DRAINAGE, FORESTRY, ETC., 117 p., by Elizabeth Cockrill (1911).....Online
2. A. OUTLINE INTRODUCTION TO THE MINERAL RESOURCES OF TENNESSEE, 65 p., by Geo. H. Ashley (1910)Out of Print
- B. Not published.
- C. Not published.
- D. THE MARBLES OF TENNESSEE, 33 p., by C.H. Gordon (1911)Out of Print
- E. OIL AND GAS DEVELOPMENTS IN TENNESSEE, 46 p., by M.J. Munn (1911).....Out of Print
- F. Not published.
- G. ZINC MINING IN TENNESSEE, 17 p., by S.W. Osgood (1910). (SUPPLY LIMITED)\$1.00
3. A. DRAINAGE PROBLEMS IN TENNESSEE, 10 p., by Geo. H. Ashley (1910).....Online
- B. PRELIMINARY REPORT UPON THE DRAINAGE OF THE LANDS OVERFLOWED BY THE NORTH AND MIDDLE FORKS OF THE FORKED DEER RIVER AND THE RUTHERFORD FORK OF THE OBION RIVER IN GIBSON COUNTY, TENNESSEE, 26 p., by A.E. Morgan and S.H. McCrory (1910)Online
- C. DRAINAGE LAW OF TENNESSEE, 28 p. (1910).....Online
4. ADMINISTRATIVE REPORT OF THE STATE GEOLOGICAL SURVEY, 59 p., by Geo. H. Ashley (1911)Online
5. CLAY DEPOSITS OF WEST TENNESSEE, 118 + vii p., by W.A. Nelson (1911)Out of Print
- 6,7,8 Not published.
9. PRELIMINARY REPORT OF THE COAL RESOURCES OF THE PIKEVILLE SPECIAL QUADRANGLE OF EASTERN TENNESSEE, 72 p., by W.C. Phalen (1911)Out of Print
10. A. PRELIMINARY STUDY OF FOREST CONDITIONS IN TENNESSEE, 56 p., by R. C. Hall (1910).....Online
- B. CHESTNUT IN TENNESSEE, 35 p., by W.W. Ashe (1911).....Online
- C. YELLOW POPLAR IN TENNESSEE, 56 p., by W.W. Ashe (1911).....Online
- 11, 12. Not published.
13. THE RESOURCES OF TENNESSEE, 36 p., by G.H. Ashley (1911).....Online
14. THE ZINC DEPOSITS OF NORTHEASTERN TENNESSEE, 69 p., by A.H. Purdue (1912).....Online
15. ADMINISTRATIVE REPORT OF THE STATE GEOLOGICAL SURVEY, 1912, by A.H. Purdue (1912). (SUPPLY LIMITED)\$1.00
16. THE RED IRON ORES OF EAST TENNESSEE, 173 p., 17 pls. (including 5 maps), 30 figs., E.F. Burchard (1913). Comprehensive report on distribution, stratigraphy, and structure of mines and prospects, diagrams, sections, analyses, note on mining and iron industry, etc.\$2.50
17. THE WATER POWER OF TENNESSEE (including a report on Doe River by A.H. Horton), 139 p., J.A. Switzer (1914).....Out of Print
18. ADMINISTRATIVE REPORT OF THE STATE GEOLOGIST, 1914, 17 p., by A.H. Purdue (1914). (SUPPLY LIMITED)\$1.00
19. ELEVATIONS IN TENNESSEE, 80 p., by Elizabeth Cockrill (1917)Out of Print
20. THE LARGER UNDEVELOPED WATER-POWERS OF TENNESSEE, 35 p., by J.A. Switzer (1918).....Out of Print
21. STRATIGRAPHY AND CORRELATION OF THE DEVONIAN OF WESTERN TENNESSEE, 127 p., 4 pls., 11 figs., C.O. Dunbar (1919). Detailed geologic sections, fossil plates, faunal charts, etc.Out of Print
22. GEOLOGY AND NATURAL RESOURCES OF RUTHERFORD COUNTY, Tennessee, 81 p., 3 pls., map, J.J. Galloway (1919). Physiography, stratigraphy, structure, geologic history, economic products.Out of Print
23. ADMINISTRATIVE REPORT OF THE STATE GEOLOGIST, 1919, 70 p., by W.A. Nelson (1920)Out of Print
- 24-pt.1 Not published.
- 24-2A. GEOLOGY AND OIL POSSIBILITIES OF THE NORTHERN PART OF OVERTON COUNTY, TENNESSEE, AND ADJOINING PARTS OF CLAY, PICKETT, AND FENTRESS COUNTIES, 45 p., 3 pls., 4 figs., Chas. Butts (1919). Stratigraphy, structural conditions; structure map; table of wells and oil horizons. (See Bull. No. 47)Out of Print
- 24-2B. OIL AND GAS RESOURCES OF THE NORTHERN PART OF SUMNER COUNTY, TENNESSEE, 39 p., 1 pl. (map), 1 fig., K.F. Mather (1920). Stratigraphy, structural conditions; correlation with KY sands; recommendations; logs.....Out of Print
25. ADMINISTRATIVE REPORT OF THE STATE GEOLOGIST, 1920, 66 p., by W.A. Nelson (1921)Out of Print
26. MINERAL RESOURCES OF THE WAYNESBORO QUADRANGLE, TENNESSEE, 171 p., 16 pls. (including geologic map), 7 figs., by H.H. Miser (1921). Largely on brown iron ores; analyses; areal geology.....\$2.00
27. ADMINISTRATIVE REPORT OF THE STATE GEOLOGIST, 1921-1922, 45 p., by W.A. Nelson (1923).....Out of Print
28. MARBLE DEPOSITS OF EAST TENNESSEE (3 parts), 264 p., (1924); Part I-History, Occurrence, and Distribution, 86 p., 10 pls., 13 figs., C.H. Gordon; Part II-Constitution and Adaptation of Holston Marble, 76 p., 15 pls., 16 figs., T.N.Dale; Part III-Technology of Marble Quarrying. 102 p., 16 pls., 29 figs., Oliver Boles.Out of Print
29. MAGNETIC IRON ORES OF EAST TENNESSEE AND WESTERN NORTH CAROLINA, 252 p., 23 pls., 28 figs., W.S. Bayley (1923). Ores in Carter County, TN, and Ashe, Avery, Guilford Counties, NC, Cranberry district, analyses, map, etc.Out of Print
30. A STUDY OF SOME OF THE SMALLER UNDEVELOPED WATER POWERS OF TENNESSEE, 24 p., 36 pls., J.A. Switzer (1923). Preliminary survey of small power sites.....\$1.00
31. ZINC DEPOSITS OF EAST TENNESSEE, 165 p., 24 pls. (including geologic map), 14 figs., map, M.H. Secrist (1924). Detailed report on mines and prospects by districts, discusses genesis, occurrences, mining, milling, etc.; analyses, flotation tests, geologic section, photomicrographs, etc.Out of Print
32. Not published.
33. A. THE SOUTHERN TENNESSEE COAL FIELD, 239 + xvi p., 8 pls., 12 figs., W.A. Nelson (1925). Descriptions and analyses of coals by counties (Cumberland and south).....Out of Print
- B. THE NORTHERN TENNESSEE COAL FIELD, 478 + xvi p., 13 pls., 28 figs., L.C. Glenn (1925). Descriptions and analyses of coals by counties (north of Cumberland)Out of Print
- C. THE COALS AND GEOLOGY OF THE HERBERT DOMAIN, 54 + vi p., 4 pls., 28 figs., W.A. Nelson (1925). History of acquisition, descriptions, and analyses of coals, developments.Out of Print
- D. GEOLOGY AND MINERAL RESOURCES OF THE CROSSVILLE QUADRANGLE, TENNESSEE, 41 + vi p., 12 pls., 1 fig., Charles Butts and W.A. Nelson (1925). Largely on coals; notes on structural conditions and oil possibilities.....Out of Print
- E. COAL LOSSES OF TENNESSEE, 36 + v p., 2 figs., J.J. Forbes (1925). Methods and causes of losses at 47 mines. (SUPPLY LIMITED).....\$1.00
34. WATER RESOURCES OF TENNESSEE, 909 + xvi p., 31 pls., 6 figs., W.R. King (1925)Out of Print
35. ADMINISTRATIVE REPORT OF THE STATE GEOLOGIST, 1923-1924, 50 + vi p., by W.A. Nelson (1925)Out of Print
36. THE VALLEY OF EAST TENNESSEE: The Adjustment of Industry to Natural Environment, 116 + xii p., 37 pls., 28 figs., E.C. Case (1925). Study of effect of mineral resources, soil, climate, etc., on industrial development of this region\$1.00
37. GEOLOGY AND MINERAL RESOURCES OF HARDIN COUNTY, TENNESSEE, 118 p., 9 pls. (including geologic map), 3 figs., W.B. Jewell (1931). Location, development, topography, geology, structure, water power, economic resources, analyses.Out of Print
38. THE STRATIGRAPHY OF THE CENTRAL BASIN OF TENNESSEE, 268 + x p., 49 pls., 4 figs., 4 maps, R.S. Bassler (1932).....Out of Print
39. THE BROWN IRON ORES OF THE WESTERN HIGHLAND RIM, TENNESSEE, 227 + xiv p. and index, 33 pls., 21 figs., E.F. Burchard (1934). History, geology, composition, and origin of ores; descriptions of mines and prospects by counties, analyses, flow-sheets, etc.Out of Print
40. SURFACE WATERS OF TENNESSEE, 165 + xii p., 29 tables, 21 pls., 35 figs., W.R. King (1931). Summary of water resources investigations, 1920-1930; stream flow records of principle rivers by weekly averages; flood records; power sites, etc. (SUPPLY LIMITED).....\$1.00
41. A PRELIMINARY REPORT ON THE FORAMINIFERA OF TENNESSEE, 113 p. plus index, 13 pls., J.A. Cushman (1931). Reprinted 2001. Descriptions and plates of Cretaceous species.\$5.00
42. PRELIMINARY REPORT OF THE ARTESIAN WATER SUPPLY OF MEMPHIS, TENNESSEE, 34 + iv p., by F.G. Wells (1931).....Out of Print
43. GROUND WATER OF NORTH-CENTRAL TENNESSEE, 238 +viii p., by A.M. Piper (1932). Reprinted (1993). Physiography, stratigraphy, and geologic structure of northern two-thirds of Nashville Basin and northwestern Highland Rim areas and their relations to ground water conditions; summary descriptions of conditions in each county, with tables of data of typical wells and springs. Same as U. S. Geological Survey Water-Supply Paper 640.....\$8.35

44. GROUND WATER RESOURCES OF WESTERN TENNESSEE, 319 + vii p., 16 pls., 18 figs., F.G.Wells (1933). Similar in scope to Bull. No. 43. Covers area west of Tennessee River. Ground-water resources of each county summarized with tables of data on flow, depth, water-bearing horizons, etc., logs of typical wells, and water analyses; colored geologic map. Same as U.S. Geol. Survey Water-Supply Paper 656. (Not published in State series) Out of Print
45. GEOLOGY AND OIL AND GAS RESOURCES OF GAINESBORO QUADRANGLE, TENNESSEE, by Ralph G. Lusk (1935)..... Out of Print
46. GROUND WATER OF SOUTH-CENTRAL TENNESSEE, 182 + v p., 7 pls., 2 figs., C.V. Theis (1936). Companion volume to Bulls. 43 and 44. Covers southern part of Western Highland Rim and Central Basin. Same as U.S. Geol. Survey Water-Supply Paper 677. (Not published in State series) Out of Print
47. GEOLOGY AND PETROLEUM RESOURCES OF CLAY COUNTY, TENNESSEE, 188 + vii p., 15 pls., 7 tables, Kendall E. Born and H.B. Burwell (1939). First detailed report on an area that has produced from the Ordovician for nearly 75 years. Areal geology, stratigraphy, subsurface geology, structure, and oil developments..... Out of Print
48. THE PHOSPHATE RESOURCES OF TENNESSEE, 444 + xii p., 14 pls., 7 figs., 13 tables, R.W. Smith and G.I. Whitlatch (1940). First detailed description of brown and blue phosphates, with extensive reprinting of earlier data on white phosphate. Physiography, areal geologic map, and fossil plates; stratigraphy, description of mining industry, and phosphate deposits by districts; reserve estimates, future of industry \$3.00
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- No. 1. ADMINISTRATIVE REPORT OF THE STATE GEOLOGIST, 1918, 20 p., by W.A. Nelson.....Online
FORESTS, GULLIES, AND RECONSTRUCTION, 9 p., by R.S. Maddox.....Online
THE MINING AND PREPARATION OF MANGANESE ORES IN TENNESSEE, 16 p., by W.R. Crane.....Online
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RESOURCES OF TENNESSEE-2nd Series (Occasional papers)

- 1936 SUMMARY OF THE MINERAL RESOURCES OF TENNESSEE, 102 + vi p., 3 figs., maps, Kendall E. Born. Outline of geology and mineral resources.....Out of Print
- 1937 No. 1 LIGHT-WEIGHT PRODUCT POSSIBILITIES OF THE PORTERS CREEK CLAY OF WEST TENNESSEE, 26 + iv p., by George I. Whittatch.....Out of Print
- 1938 No. 1 CERAMIC MATERIALS IN TENNESSEE, 19 + II p., by George I. Whittatch.....Out of Print

STATE PARK SERIES

1. GEOLOGY OF CEDARS OF LEBANON STATE PARK AND FOREST AND VICINITY IN WILSON COUNTY, TENNESSEE, 19 + v p., 6 figs., 1 pl., by C.W. Wilson, Jr. (1980). First in a new series describing the geology of Tennessee's state parks. Locations are given for the 18 caves and 12 quarries to be found within the park area. Outstanding features are noted. Prepared for use by naturalists and the general public\$3.50
2. GEOLOGY OF NORRIS DAM STATE PARK AND VICINITY, 16 + iv p., 18 figs, 2 pl., by Martin Kohl(2002). History of park in Campbell and Anderson Counties, descriptions of rock types, structural geology, geologic history, twelve caves, engineering and environmental geology and glossary of geologic terms.\$12.95
3. GEOLOGY OF ROAN MOUNTAIN STATE PARK, 21 + iii p., 11 figs., 2 pl., 3 geology hike folders, by Peter J. Lemiszki(2003). Detailed descriptions of metamorphic and igneous rocks found in the park, structural geology, mineral resources and regional geologic history.\$14.50

JOURNAL PUBLICATIONS

A PALEOAQUIFER AND ITS RELATION TO ECONOMIC MINERAL DEPOSITS: THE LOWER ORDOVICIAN KINGSFORT FORMATION AND MASCOT DOLOMITE-A Symposium; Economic Geology, Geology, v. 66, no. 5, Aug. 1971. A symposium of 14 papers. Out of Print

OIL AND GAS CHARTS

- Chart 1. OIL AND GAS IN MIDDLE TENNESSEE, size 27x30 inches, by Kendall E. Born (1943). Generalized map (scale 1 inch=15 miles) showing locations of pools by physiographic provinces, columnar section showing stratigraphic position of producing horizons, tables of oil and gas data by pools, and a brief history of development.....Online
- Chart 2. OIL AND GAS IN NORTHERN CUMBERLAND PLATEAU, TENNESSEE, by Kendall E. Born and William N. Lockwood (1945).....Online
- Chart 3. SUBSURFACE STRATIGRAPHY AND STRUCTURE OF STONES RIVER ROCKS IN NORTHEAST CENTRAL TENNESSEE, size 27.5 x 30 inches, by J.B. Collins and R. Bentall (1945). Prepared in cooperation with U.S. Geological Survey. Discussion of Stones River strata, with columnar stratigraphic sections and a structural map (scale 1 inch=6 miles) on top of the Carters Limestone\$2.00

- Chart 4. SUBSURFACE STRATIGRAPHY AND STRUCTURE OF THE PRE-TRENTON ORDOVICIAN AND THE UPPER CAMBRIAN ROCKS OF CENTRAL TENNESSEE, size 36x55 inches (each sheet), by Ray Bental and Jack B. Collins (1945). Prepared in cooperation with U.S. Geological Survey. Discussion of the Stones River and Upper Cambrian (Knox dolomite group) strata. Lines of columnar stratigraphic sections, structural contour maps (scale 1 inch = 16 miles; contour interval 100 feet) on top of the Carters Limestone and on top of rocks of Beekmantown age; isopach maps (scale 1 inch = 16 miles; isopach interval 50 feet) of the Stones River group, Wells Creek dolomite, and combined Stones River and Wells Creek strata; correlation chart and table of subsurface and oil and gas data from wells drilled into rocks of Beekmantown age. Set of two sheets.Online
- Chart 5. INSOLUBLE-RESIDUE ZONES OF THE UPPER KNOX GROUP IN TENNESSEE, size 26x30 inches, by Thomas R. Pierce (1957). Includes 7 columnar stratigraphic sections from Thorn Hill, Grainger County to Smith County. Text gives descriptions of insoluble-residue zones used in correlation.....\$2.00
- Chart 6. OIL AND GAS SEISMIC INVESTIGATIONS, Series 1, two sheets approximately 34 x 50 and 41 x 54 inches by Robert C. Milici, Leonard D. Harris, and Anthony T. Statler (1979). An interpretation of seismic cross sections in the Valley and Ridge of Eastern Tennessee. Data useful in assessing hydrocarbonate potential of this area. Charts complement the report by Tegland (See Bull 78, TDG).....Out of Print

OIL AND GAS MAPS

- ONEIDA WEST FIELD MAP WELL TABULATION, Blackline print covering approximately 30 square miles. Periodically revised. Scale 1 inch = 2,000 feet.....Out of Print
- OIL AND GAS MAP, SCOTT COUNTY, TENNESSEE, Size approximately 43x46 inches, scale 1:48,000, by H.B. Burwell and H.C. Milhous (1967). Base culture in black, well locations in red, structure contours (top of Monteagle Limestone) in green. Includes summary of developments, tabular data on wells, generalized stratigraphic column. Available flat or folded.....Out of Print
- OIL AND GAS MAP, MORGAN COUNTY, TENNESSEE, Size approximately 47x47 inches, scale 1:48,000, by H.B. Burwell and H.C. Milhous (1967). Base culture in black, well locations in red, structure contours (top of Monteagle Limestone) in green. Includes summary of developments, tabular data on wells, generalized stratigraphic column. Available flat or folded.....Out of Print
- OIL & GAS FIELDS IN NORTH-CENTRAL, TENNESSEE, Map (May, 1993)\$6.00
- WEST TENNESSEE, Map of West Tennessee showing locations of oil and gas test wells, with index giving lessees, farm names, elevations, total depths, results and availability of logs. Size 30x37 inches. Scale: 1 inch = 1 mile. Compiled by William B. Connell (1969). Each map.....\$3.00
- COUNTY WELL LOCATION MAPS, County maps with Carter Coordinate grid, showing locations of all known oil and gas wells; with tabulation of wells giving name, location, total depth, and type of information available. Last revision (1981). Scale 1 inch = 1 mile.
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| Byrdstown | Huntsville | Ozone |
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| Celina | Ivydell | Petros |
| Clarkrange | Jacksboro | Pilot Mountain |
| Cookeville East | Jamestown | Pioneer |
| Cookeville West | Jellico East | Riverton |
| Crawford | Jellico West | Robbins |
| Crossville | Jones Knob | Rugby |
| Dale Hollow Dam | Ketchen | Sharp Place |
| Dale Hollow Res SE | Lafollette | Stockton |
| Dorton | Lancing | Twin Bridges |
| Dry Valley | Livingston | Well Spring |
| Eagan | Manchester | Wilder |
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| Fox Creek | Moodyville | Winfield |
- NATURAL GAS WELL MAP FOR THE STATE OF TENNESSEE, shows 428 shut-in and producing commercial gas wells in 19 counties. Map scale: 1:250,000 with insets of 1:48,000, by Robert D. Lindau (1979). Updated to May, 1980.....\$13.00
- SUPPLEMENT, NATURAL GAS WELL MAP, Provides pertinent information concerning ownership and production status. Updated to May, 1980.....\$13.00

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- CONFIGURATION OF THE BASE CRETACEOUS-TOP OF PALEOZOIC SURFACE (in the Mississippian Embayment of Tennessee and parts of adjacent states), size approximately 26x28 inches, by Richard G. Stearns. Map shows the configuration of the base Cretaceous-top of the Paleozoic surface in the Mississippian embayment of Tennessee. Parts of the adjacent states of Arkansas, Illinois, Kentucky, Mississippi, and Missouri are included.....\$3.00
- PIPELINE MAP, WEST CENTRAL SHEET, size approximately 32x37 inches, by Robert A. Miller (1989). This West Central Sheet, the first of four sheets at a scale of 1:250,000, shows all the known pipeline systems in the map area.....\$3.50
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MISCELLANEOUS OIL, GAS, AND MINING DATA

- ADDENDUM TO TABULATION OF KNOX WELL DATA THROUGH MAY 1975.....Out of Print
- ANNUAL OIL AND GAS DEVELOPMENT REPORTS (Reprinted from AAPG Bulletins). Brief annual summaries of oil and gas activities in Tennessee. Important test wells and production figures are listed. Available for each of the following years only: 1979, 1980, and 1981.....Out of Print
- CARTER COORDINATE MAP AND TOPOGRAPHIC INDEX OF TENNESSEE (1975). Size 14x34 inches. Carter grid in red, topographic quadrangle grid and names in black, on county bases. Explanation of Carter Coordinate System. Scale: 1 inch = 16 miles. Updated 1981.....Free
- DRILLING ACTIVITIES MAP. Map of Tennessee showing areas of past and recent drilling activity. Size 27x67 inches. Scale: 1 inch = 8 miles. Obsolete.....Out of Print
- DIRECTORY OF TENNESSEE MINING, AND OIL AND GAS OPERATIONS, by Elaine P. Foust (1987). Lists on a commodity-county basis all mining operations and oil and gas production known to have been active. (2nd Edition, 1979; 3rd Edition, 1983; 4th Edition, 1985).....Out of Print
- MAP OF NATURAL GAS TRANSMISSION LINES. Interstate and intrastate pipelines. Scale 1 inch = 16 miles.....Out of Print
- MONTHLY PERMIT AND COMPLETION LIST. Oil and gas permits issued and wells completed in Tennessee, available from Div of Water Resources/Oil & Gas Program at <http://tn.gov/environment/article/wr-water-resources-data-viewer>Online
- OIL AND GAS WELL COMPUTER PRINTOUT lists all completed wells that are on file with the Division. **LAST UPDATE January, 1998.** Includes exact location, result, and types of data available for each well. Complete listing (approximately 10,000 wells) available. Individual data categories (county, result, completion year, etc.) or combinations of categories are also available on 24-hour notice. Cost varies with amount of information selected. Supplements Bulletin 76.....Out of Print
- OIL AND GAS WELL ELECTRONIC DATABASE; updated daily. Must specify output type, available from Div of Water Resources/Oil & Gas Program; TO ORDER call (615) 687-7109 or e-mail: Elaine.Foust@tn.gov
- PRELIMINARY STRUCTURE MAP ON TOP OF KNOX GROUP. Blackline print covering east-central and west-central Tennessee. Scale: 1 inch = 4 miles (Revised May 1975).....\$4.00
- SATELLITE VIEW OF TENNESSEE. POSTER 17" X 11". (Image provided by the Department of Geography and Geology, Middle Tennessee State University, 1986.) This composite view of Tennessee is a mosaic of many images transmitted from 570 miles out in space.....\$2.50
- STRUCTURE OF THE GAINESBORO QUADRANGLE, TENNESSEE. Progress report consisting of the 1:62,500 (scale 1 inch = 1 mile) Gainesboro topographic quadrangle.....Out of Print
- SURFACE MINING COMPUTER PRINTOUT lists all companies permitted to surface mine coal since 1972, and all other minerals since 1976. Updated monthly. Includes exact location, type of resource, acreage affected, land-use, and river basin affected by each mining operation. Complete listing (approximately 3,000 operations) available for about \$80.00. Individual data categories are also available. Cost varies with amount of information selected.....Out of Print

TABULATION OF KNOX WELL DATA IN MIDDLE AND WEST TENNESSEE. List of Knox wells by county including well name and location, top of Knox datum availability of samples, and known occurrences of zinc mineralization. Supplements Knox structure map. Revised June 1970..... Out of Print

TABULATION OF DEEP WELLS IN TENNESSEE (with map). 6 p. All basement tests and other significant deep wells (Dec, 1989).....\$1.50

TABULATION OF TENNESSEE ANNUAL OIL AND GAS PRODUCTION BY FIELDS, 1970-1993:

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XEROX COPIES. Typewritten driller's logs and sample descriptions are available for many test wells. These files are located at the Division of Water Resources, Oil & Gas Program, 711 R.S. Gass Blvd., Nashville, TN 37216; (615/687-7109) Please contact them for pricing information.

WELL LOGS. Geophysical Logs. These files are located at the Division of Water Resources, Oil & Gas Program, 711 R.S. Gass Blvd., Nashville, TN 37216; (615/687-7109) Please contact them for pricing information.

You may also contact: TGS 1-888-564-5463 or <http://www.tgsnopec.com/> for prices and lists, as well as logs.

GRAVITY MAPS

BOUGUER GRAVITY ANOMALY MAP OF TENNESSEE, size approximately 19x65 inches, scale 1:500,000, by R.W. Johnson, Jr. and R.G. Stearns (1967). In cooperation with the Tennessee Valley Authority. Topographic base, gravity data overprinted in green (contour interval of 5 milligals). Available flat or folded.....\$2.50

BOUGUER GRAVITY ANOMALY MAP OF REELFOOT LAKE, size 33x38 inches, scale 1:62,500, with Bouguer gravity contour interval of 0.5 milligals, by R.G. Stearns (1980). In cooperation with Vanderbilt University\$5.00

BOUGUER GRAVITY ANOMALY MAP OF WEST TENNESSEE, 36x37 inches, scale 1:250,000, with Bouguer gravity contour interval of 2 milligals, by R.G. Stearns, R.G. Wells, and Terry R. Templeton (1980). In cooperation with Vanderbilt University.....\$5.00

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| Cookeville East (1973) | Okalona (1973) |
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| McMinnville Area | No. 75 | 5-35° 30'-35° 45'N. and 85° 30'-86 ° W. |
| Monteagle Area | No. 75 | 6-35 ° -35 ° 15'N. and 85 ° 30'-86 ° W. |
| Winchester Area | No. 76 | 1-35 ° -35 ° 15'N. and 86 ° -86 ° 30'W. |
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| Wartrace Area | No. 76 | 3-35° 30'-35° 45'N. and 86 ° -86 ° 30'W. |
| Fayetteville Area | No. 76 | 4-35 ° -35 ° 15'N. and 86 ° 30'-87 ° W. |
| Lewisburg Area | No. 76 | 5-35° 15'-35° 30'N. and 86 ° 30'-87 ° W. |
| Chapel Hill Area | No. 76 | 6-35° 30'-35° 45'N. and 86 ° 30'-87 ° W. |
| Franklin Area | No. 76 | 7-35° 45'-36 ° N. and 86 ° 30'-87 ° W. |
| Murfreesboro Area | No. 76 | 8-35° 45'-36 ° N. and 86 ° -86 ° 30'W. |
| Germantown Area | No. 76 | 9-35 ° -35 ° 15'N. and 89 ° 30'-90 ° W. |
| Millington Area | No. 76 | 10-35° 15'-35° 30'N. and 89 ° 30'-90 ° W. |
| Covington Area | No. 76 | 11-35° 30'-35° 45'N. and 89 ° 30'-90 ° W. |
| Hales Point Area | No. 76 | 12-35° 45'-36 ° N. and 89 ° 30'-90 ° W. |
| Sommerville Area | No. 76 | 13-35 ° -35 ° 15'N. and 89 ° -89 ° 30'W. |
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| Brownsville Area | No. 76 | 15-35° 30'-35° 45'N. and 89 ° -89 ° 30'W. |
| Alamo Area | No. 76 | 16-35° 45'-36 ° N. and 89 ° -89 ° 30'W. |

GEOLOGIC FOLIOS

PENNSYLVANIAN GEOLOGY OF THE CUMBERLAND PLATEAU, 15 pls., 21 p., size 12x26 inches, by C.W. Wilson, Jr., J.W. Jewell, and E.T. Luther (1956). Detailed stratigraphy, structure, and economic geology. Illustrations include 7 reference stratigraphic sections; a composite stratigraphic section; 4 colored geologic maps of the area, scale 1 inch = 3 miles; isopach and sand-distribution maps; structural features and structure contour maps.....Online

PENNSYLVANIAN GEOLOGY OF THE CLARKRANGE, OBEY CITY, CAMPBELL JUNCTION AND ISOLINE QUADRANGLES, 4 figs., 10 pls., 13 p., size 21x26 inches, by C.W. Wilson, Jr. (1956). Deals mostly with stratigraphic and economic geology of a 260-square mile area in the northwestern part of the Cumberland Plateau. Illustrations include measured stratigraphic sections; 4 black-and-white geologic maps of the area, scale 1:31,680 (1 inch = 1/2 mile); structure contour map, and map showing areas of commercial coal Out of Print

GUIDEBOOKS

GUIDEBOOK FOR FIELD TRIPS, SOUTHEASTERN SECTION GEOLOGICAL SOCIETY OF AMERICA, NASHVILLE, TENNESSEE, APRIL 7-10, 1965; Charles W. Wilson, Jr., Field Trip Chairman. Composite guidebook for three field trips-Field Trip 1: Geologic Structures in Northern Sequatchie Valley and Adjacent Portions of the Cumberland Plateau, Tennessee; Field Trip 2: Selected Features of the Wells Creek Basin Cryptoexplosive Structure; Field Trip 3: Ordovician of Central Tennessee Out of Print

See BULLETIN 70.

See REPORT OF INVESTIGATIONS 33.

See REPORT OF INVESTIGATIONS 36.

GEOLOGY ALONG INTERSTATE 40 THROUGH PIGEON RIVER GORGE, TENNESSEE-NORTH CAROLINA, Tennessee Academy of Science Geology-Geography Section, and Safford Centennial Society Spring Field Trip, 1974, 19p., 3 figs..... Out of Print

FIELD GUIDE TO THE GEOLOGY OF FALLS CREEK FALLS, 4-page folder, Michael L. Jones, 1977. Useful to environmentalists, geologists, tourists, and others..... Out of Print

See Report of Investigations 37.

GEOLOGIC MAPS

STATE GEOLOGIC MAP, Scale 1:250,000 (1 inch = 4 miles), in 4 sheets, each about 33 to 38 inches wide and about 50 inches long. Edition of 1966. Geology overprinted in about 125 color patterns on Army Map Service base that shows contours in gray, roads in red, drainage in blue, and culture in black. Printed below each map is a legend giving color key and descriptions of formations.

East Sheet-extends westward to 84°.

East Central Sheet-84 ° -86 °.

West Central Sheet-86 ° -88 °. Out of Print: POD

West Sheet-88 ° to Mississippi River.

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MINIATURE STATE GEOLOGIC MAP (1970). Generalized, especially suitable for teachers, students; 11 color patterns used to designate major geologic systems. Available either as 8-1/2 x 11 sheets or as 5 x 7 postcards. Also available at: <http://www.tn.gov/environment/tdg/cop/>

Sheets.....One Copy Free, Additional Copies\$0.50

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GEOLOGICAL HIGHWAY MAP, MID-ATLANTIC REGION (published by American Association of Petroleum Geologists (1989). Scale 1 inch = 30 miles. Includes TN, KY, VA, WV, MD, DE, NC, SC. Smaller tectonic and physiographic maps with text; geologic history; cross sections\$12.00

MASCOT-JEFFERSON CITY ZINC MINING DISTRICT OF TENNESSEE, by Josiah Bridge (1945). Colored geologic map (on topographic base) and structural cross section. Scale 1 inch = 1/2 mile, size 41x57-1/2 inches.\$2.00

MAP OF PIKEVILLE SPECIAL QUADRANGLE SHOWING OUTCROP OF COAL BEDS, MINES, AND PROSPECTS, by Wm. C. Phalen. (Companion map to Resources of Tennessee, Vol. 1, No. 4, 1911.) Shows outcrop of Nelson, Angel, Richland, and Morgan Springs coals. Scale 1 inch = 1 mile, size 19x24 inches..... Out of Print

GEOLOGIC MAP OF WESTERN TENNESSEE Out of Print

GEOLOGIC MAP OF CENTRAL TENNESSEE, by C.W. Wilson, Jr Out of Print

BLUELINE GEOLOGIC QUADRANGLE MAPS OF EAST TENNESSEE, compiled by John Rodgers..... Out of Print

GEOLOGIC MAPPING INDEX

Index shows printed geologic maps, out-of-print maps, maps being prepared for publication, and unpublished maps for which information is available. Information regarding total intensity magnetic maps and other detailed maps by the Tennessee Division of Geology and the United States Geological Survey is included. Information current as of November, 1990Free

GEOLOGIC QUADRANGLE MAPS AND M.R.S.

This series uses the standard 7.5-minute topographic map, scale 1:24,000 (1 inch = 2,000 feet), as a base. Topography and culture are printed in gray, water features in blue, geology in black, and mineral resources in red. Marginal stratigraphic legend; some maps include geologic cross sections. Mineral Resources Summary booklet accompanies most maps. Maps and booklet in 9 x 12 envelope. Quadrangles now available listed below and also shown on index map (see below). (Also see U.S. Geological Survey Quadrangle Maps). Each set pre-printed.....\$5.00

Print-On-Demand as requested\$20.00

Electronic PDF.....\$10.00

A generalized index for the geologic quadrangles can be found starting on page 20.

| | | | |
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| Adams (1968) | Camp Austin (2004) | Dillon (1964) | Harmon Creek (1988) |
| Alexandria (1966) | Campaign (1968) | Dixon Springs (1975) | Harpeth Valley (1975) |
| Alpine (1968)(XC) | Campbells Station (1964) | Dodson Branch (1986) | Harriman (1993) |
| Altamont (1982) | Campbellsville (1964)(XC) | Dover (1965) | Hartsville (1972) |
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| Baileyton (1969) | Centertown (1972) | Erin (1968) | Hillsboro (1987) |
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| Baxter (1968) | Chattanooga (1966)(XC) | | Hollow Springs (1970) |
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| Bedford (1964)(XC) | Chestnut Grove (1972) | Farmington (1963) | Hunters Point (1963) |
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| Beech Grove (1973) | Clarksburg (1976) | Fayetteville (1973) | Hurricane Mills (1965) |
| Belfast (1964) | Clarksville (1973) | Fletcher Lake TN-ARK (1979) | Hustburg (1967) |
| Belleville (1970) | Claybrook (1968) | | |
| Bellevue (1980) | Clifton (1967) | Flintville (1988) | Indian Springs (2003) |
| Bellwood (1975) | Clinton (1964)(XC) | Forest Grove (1976) | |
| Bethesda (1963)(XC) | Clouds (2001)(XC) | Fork Mountain (1975) | Jacksboro * (1960) |
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| Big Sandy (1970) | College Grove (1963) | Fosterville (1964) | Jackson South (1968) |
| Billingsley Gap (1967) | Collins (1982) | Frankewing (1963) | Jamestown (1992) |
| Block (1967)(XC) | Collinwood (1963)(XC) | Franklin (1963)(XC) | Jeannette (1968) |
| Bodenham (1970) | Columbia (1964)(XC) | Fredonia (1973) | Jefferson City (1973) |
| Bolivar East (1974) | Cookeville East (1968) | | Johnson City (1997) |
| Bonnertown TN-AL (1966) | Cookeville West (1968) | Gainesboro (1990) | Jones Knob (1965) |
| Boonshill (1970) | Cornersville (1963) | Galen (1995) | Joppa (1965) |
| Boyd's Creek (1967) | Cottontown (1988) | Gallatin (1987) | Juno (1968)(XC) |
| Brick Church (1972) | Counce (1968) | Gassaway (1968) | |
| Bristol (1998) | Craigfield (1972) | Gladeville (1963) | Ketner Gap (1972) |
| Brockdell (1967) (XC) | Crossville (1981) | Glendale (1963) | Kingsport (1993) |
| Bruceton (1967) | Cumberland City (1968) | Godwin (1964) | Kingston Springs (1973) |
| Buchanan TN-KY (1970) | Cumberland Furnace (1966) | Goodlettsville (1981) | Kyles Ford (1990) |
| Buena Vista (1970) | | Gordonsburg (1964) | |
| Buffalo Valley (1971) | Daisy (1964)(XC) | Gordonsville (1976) | Lafayette (1975) |
| Bumpus Mills (1965) | Dale Hollow Dam TN-KY (1981) | Granville (1980) | Laguado (1964) |
| Burgess Falls (1968) | Dale Hollow Res. SE TN-KY)(1988) | Grasshopper Creek (Soddy Island) (1963) | Lake City** (1960) |
| Burns (1964) | Daniels Landing (1968) | Grassy Cove (1965)(XC) | Lascassas (1964) |
| Burrstown (1989) | Deason (1964) | Graves Spring (1966) | Laverne (1966) |
| Burrville (1972) | Deerfield (1964) | Graysville (1964)(XC) | Lawrenceburg (1965) |
| Byrdstown (1968) | Dellrose (1963) | Greenbrier (1976) | Leatherwood (1969) |
| | Dibrell (1968) | Greeneville (1996) | Lebanon (1963)(XC) |
| Camden (1969) | Dickson (1964) | Greenfield Bend (1965) | Lee Valley (2000) |

| | | | |
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| Leipers Fork (1963) | Nashville East (1966)(XC) | Rockwood (1960)(XC) | Tharpe (1967) |
| Lewisburg (1963) | Nashville West (1966)(XC) | Roddy (1972) | Theta (1964) |
| Lexington (1992) | Needmore (1968) | Rose Creek (1968) | Three Churches (1972) |
| Liberty (1968)(XC) | New Market (1973) | Rover (1963) | Thurman (1970) |
| Lillamay (1972) | New Middleton (1976) | Ruskin (1983) | Topsy (1963) |
| Lincoln (1986) | New Providence (1975) | | Tullahoma (1973) |
| Linden (1972) | Noah (1973) | Sampson (1969) | Twin Bridges (1965) |
| Littlelot (1967) | Nolensville (1963) | Sandy Hook (1966) | |
| Livingston (1965)(XC) | Norma (1970)(XC) | Sango (1985) | Union Hill TN-KY (1981) |
| Lobelville (1987) | Normandy (1970) | Sardis (1966) | Unionville (1963) |
| Lois (1985) | Normandy Lake (Ovoca) (1970) | Savannah (1982) | |
| Long Branch (1968) | | Scotts Hill (1967) | Vale (1969) |
| Looneys Gap (1985) | Oak Hill (1972) | Scottsboro (1979) | Vandever (1990) |
| Loretto TN-AL (1965) | Okalona (1968) | Sequatchie (1986) | Vanleer (1965) |
| Lowryville TN-AL (1979) | Olivehill (1970) | Seventeen Creek (1966) | Verona (1963) |
| Luray (1968) | Ooltewah (1986) | Sewanee (1983) | Vine (1964) |
| Luttrell (1967) | Orlinda (1986) | Shelbyville (1964) | |
| Lyles (1964) | Ovilla (1963) | Sherwood * (1980) | Walterhill (1964) |
| Lynchburg East (Cumberland Springs)(1969) | Palmer (1986) | Shop Spring (1970) | Wartrace (1965) |
| Lynchburg West (Booneville)(1969) | Palmer Shelter (1974) | Short Mountain (1968) | Watertown (1966) |
| Lynnville (1964) | Palmyra (1969) | Silerton (1968) | Waverly (1965) |
| | Paris (1987) | Silver Point (1968)(XC) | Waynesboro (1971) |
| Manchester (1976) | Paris Landing TN-KY (1971) | Slayden (1966) | Waynesboro East (Negro Hollow)(1963)(XC) |
| Manleyville (1967) | Parsons (1967) | Siigo Bridge (1968) | Webbs Jungle (1964) |
| Mansfield (1974) | Pennine (1964)(XC) | Smithville (1968) | Welchland (1969) |
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| Masseyville (1968) | Pickwick TN-AL (1972) | Snow Hill (1983) | West Sandy Dike (1969) |
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| McEwen (1966) | Pilot Mountain (1985) | South Pittsburg (1983) | White Bluff (1977) |
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| Medon (1968) | Pittsburg Landing (1964) | Spencer (1969) | Whitfield (1972) |
| Melvine (1967)(XC) | Pleasant Hill (1985) | Spot (1983) | Whitleyville (1988) |
| Michie (1967) | Pleasant View (1966)(XC) | Spring City (1964) | Whitten TN-AL (1963) |
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| Mount Joy (1965) | Reagan (1967) | Talbot (1965) | ** Scale 1:31,680 No MRS Booklet |
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PDF GEOLOGIC QUADRANGLE MAPS IN COLOR AND M.R.S.

This series uses the standard 7.5-minute topographic map, scale 1:24,000 (1 inch = 2,000 feet), as a base. Marginal stratigraphic legend; some maps include geologic cross sections. Mineral Resources Summary booklet accompanies most maps. Quadrangles now available listed below and also shown on index map (see below). (Also see U.S. Geological Survey Quadrangle Maps).

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TOPOGRAPHIC MAPS INDEX

Topographic maps are available for most areas in Tennessee. As an active topographic mapping program is being pursued in Tennessee, a revised index is issued at intervals.
 An index showing available coverage on scale of 1:24,000 is generally available.....Free
 Also an index available by county at: <http://www.tn.gov/environment/tdg/county/>

TOPOGRAPHIC QUADRANGLE MAPS – Available for purchase or free download through USGS

1:24,000 Scale Topographic Maps

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 Medon 439-NE (1961)
 Melvine 110-NE (1977)
 Mercer 431-NE (1961)
 Michie 13-SW (1991)
 Middleburg 432-NE (1980)
 Middlesboro South 153-SW (1991)
 Middleton 440-SW (1980)
 Milan 437-NE (1983)
 Milky Way 58-SE (1988)
 Milledgeville 12-SE (1972)
 Millington 408-SW (1997)
 Milton 319-NW (1983)
 Mineral Bluff GA-NC-TN 134-NE (1999)
 Miston 420-NW (1983)
 Mohawk 172-NE (1980)
 Monteagle 94-NE (1982)
 Monterey 331-NE (1980)
 Monterey Lake 331-SE (1979)
 Moodyville 333-SE (1962)
 Mooring MO-TN 411-SE (1983)
 Morgan Springs 110-SE (1980)
 Morrison 92-SW (1983)
 Morristown 163-NE (1979)
 Moscow 424-SW (1965)
 Moscow-SE 424-SE (1965)
 Mosheim 181-NW (1971)
 Mount Airy 104-NE (1991)
 Mount Guyot 165-NE (1964)
 Mount Joy 50-SE (1979)
 Mount Le Conte 165-NW (1964)

Mount Peter 12-A-SE (1972)
 Mount Pleasant 57-SW (1986)
 Mount Pleasant MS-TN 417-NE (1971)
 Mount Vernon 132-NE (2003)
 Mountain City 214-NE (2003)
 Mulberry 80-NW (1972)
 Munford 408-NE (1983)
 Murfreesboro 315-SW (1983)
 Murray KY-TN 7-SE (1986)

Nashville East 311-NW (1997)
 Nashville West 308-NE (1997)
 Neddy Mountain 173-NE (2003)
 Needmore 38-NE (1983)
 New Home GA-AL-TN 101-NE (1982)
 New Market AL-TN 81-NW (1974)
 New Market 155-SE (1987)
 New Middleton 318-NE (1994)
 New Providence 301-SW (1986)
 Newbern 420-SE (1983)
 Newport 173-NW (2003)
 Niota 124-SE (1990)
 Noah 85-SW (1976)
 Nodena 407-SW (1983)
 Nolensville 70-NW (1979)
 Norma 128-SW (1986)
 Normandy 79-NE (1983)
 Normandy Lake 86-NW (1976)
 Norris 137-NE (1990)
 Northeast Memphis 409-NW (1997)
 Northwest Memphis 404-NE (1997)

Oak Grove KY-TN 301-NW (1982)
 Oak Hill 308-SE (1997)
 Oakland 416-NE (1983)
 Obey City 108-NW (1974)
 Obion 427-SW (1983)
 Okalona 330-SE (1979)
 Olive Branch MS-TN 410-NE (1982)
 Olivehill 23-SE (1972)
 Oneida North 336-SE (1979)
 Oneida South 128-A-NE (1988)
 Ooltewah 112-SE (1976)
 Open Lake 413-SW (1983)
 Orinda 309-SW (1980)
 Orme 94-SE (1974)
 Osage 8-SW (1985)
 Osceola AR-TN 407-NW (1983)
 Oswald Dome 126-NE (2003)
 Ovilla 42-SE (1976)
 Ozone 117-NE (1989)

Paint Rock 182-NW (2003)
 Pall Mall 335-SW (1986)
 Palmer 99-SE (1983)
 Palmer Shelter 10-NW (1973)
 Palmersville 443-NE (1985)
 Palmyra 302-NW (1983)
 Paris 8-SE (1985)
 Paris Landing 19-NE (1971)
 Parksville 126-SW (2003)
 Parrottsville 172-SE (1971)
 Parsons 22-NW (1986)
 Pattie Gap 124-NE (1990)
 Pecan Point 403-NE (1970)
 Pennine 118-NW (1990)
 Perryville 22-SE (1986)
 Petersburg 72-SW (1980)
 Petroleum KY-TN 316-NW (1994)
 Petros 129-SW (1979)
 Philadelphia 131-NW (1974)
 Pickwick 24-SW (1972)
 Pigeon Forge 156-SE (1970)
 Pikeville 110-SW (1977)
 Pillowville 444-NW (1985)
 Pilot Mountain 122-NW (1980)

Pine View 32-NW (1973)
 Pioneer 128-NE (1979)
 Pitcher Ridge 87-SE (1982)
 Pittsburg Landing 13-NE (1972)
 Pleasant Hill MS-TN 410-NW (1996)
 Pleasant Hill 109-NW (1976)
 Pleasant Shade 321-NW (1968)
 Pleasant View 304-NE (1983)
 Pleasantville 41-NW (1968)
 Plum Grove 179-SE (1991)
 Pocahontas 440-SE (1950)
 Point Pleasant MO-TN-KY 411-NE (1982)
 Pope 32-SW (1973)
 Poplar Creek 19-SE (1973)
 Portland 309-SE (1980)
 Powder Springs 154-SW (1988)
 Powell 137-SE (1976)
 Prices Mill KY-TN 309-NW (1951)
 Primm Springs 56-SW (1979)
 Pulaski 59-NE (1984)
 Purdy 4-NE (1984)
 Puryear 8-NE (1985)

Rafter 140-NW (2003)
 Rally Hill 64-NE (1981)
 Rankin 172-SW (1980)
 Ransom Stand 34-SW (1975)
 Readyville 319-SW (1974)
 Reagan 11-SE (1986)
 Red Boiling Springs 320-SE (1968)
 Riceville 125-NW (1990)
 Richardson Cove 164-SW (1940)
 Ridgely 419-SW (1981)
 Ringgold GA-TN 113-NE (1983)
 Ripley North 413-SE (1972)
 Ripley South 414-NE (1983)
 Riverside 42-NE (1968)
 Riverton 334-NE (1956)
 Rives 427-SE (1980)
 Roaring Spring KY-TN 300-NW (1982)
 Robbins 128-A-SE (1980)
 Rockport 21-NE (1987)
 Rockvale 70-SE (1957)
 Rockwood 123-SW (1980)
 Roddy 117-SE (1973)
 Rosa 406-SE (1983)
 Rose Creek 4-NW (1980)
 Rossville 416-SE (1973)
 Rover 71-NE (1981)
 Rugby 128-A-SW (1980)
 Rushing Creek KY-TN 18-NE (1971)
 Ruskin 39-NE (1973)
 Russellville 171-SW (1976)
 Rutherford 436-NW (1985)

Salem AL-TN 60-NE (1966)
 Samburg 419-NE (1981)
 Sampson 103-NE (1974)
 Sams Gap NC-TN 191-NE (1978)
 Sandy Hook 58-NW (1985)
 Sango 303-SW (1984)
 Sardis 12-NE (1972)
 Saulsbury 432-SE (1980)
 Savage Point 104-NW (1991)
 Savannah 24-NW (1991)
 Scotts Hill 22-SW (1986)
 Scottsboro 308-NW (1997)
 Sequatchie 100-SE (1982)
 Seventeen Creek 21-NW (1986)
 Sewanee 94-NW (1974)
 Shady Grove 164-NW (1980)
 Shady Valley 213-SW (2003)
 Sharp Place 335-SE (2000)
 Shelbyville 79-NW (1981)
 Sherwood NC-TN 214-SE (1994)
 Shooks Gap 147-NE (1987)

Shop Spring 318-NW (1994)
 Short Mountain 323-SW (1960)
 Silers Bald NC-TN 157-SE (2000)
 Silerton 439-SE (1961)
 Silver Point 326-SW (1979)
 Sinking Cove 94-SW (1982)
 Slayden 302-SW (1983)
 Slayden MS-TN 425-NW (1975)
 Sligo Bridge 327-NW (1986)
 Smartt Mountain 103-SW (1992)
 Smithville 323-NE (1979)
 Smyrna 70-NE (1998)
 Sneedville 170-SW (1969)
 Snow Hill 112-NE (1980)
 Soddy 111-SW (1972)
 Somerville 424-NE (1965)
 South Cleveland 120-NW (1974)
 South Pittsburg 100-SW (1983)
 Southeast Memphis 409-SW (1997)
 Southwest Memphis 404-SE (1993)
 Sparta 332-NW (1979)
 Spencer 103-NW (1974)
 Spot 40-NE (1968)
 Spring City 118-NE (1990)
 Spring Creek 445-SW (1983)
 Spring Hill 63-SW (1979)
 Springfield North 306-SW (1983)
 Springfield South 307-NW (1983)
 Springvale 172-NW (1980)
 St. Joseph 43-SE (1976)
 Standing Rock 29-NW (1986)
 Stanley MO-TN 411-SW (1971)
 Stanton 423-NW (1983)
 Stantonville 13-NW (1992)
 Stewart 29-SE (1973)
 Stockton 115-NE (1984)
 Stony Point 180-NE (1971)
 Sugar Tree 21-SE (1986)
 Sullivan Gardens 189-NE (1971)
 Summertown 51-NE (1976)
 Sunnyside 430-SW (1983)
 Sunrise 50-NW (1979)
 Swan Island 162-NE (1971)
 Sweetwater 131-SW (1989)

Taft 73-SW (1982)
 Talbott 163-NW (1980)
 Tallassee 139-SE (2003)
 Tapoco 149-NW (2000)
 Tarpley 66-NW (1982)
 Tatumville 428-SW (1981)
 Tazewell 154-NE (1971)
 Teague 439-NW (1981)
 Telford 190-NE (2003)
 Tellico Plains 132-SE (2003)
 Ten Mile 124-NW (1990)
 Tennemo 412-NE (1983)
 Tennessee City 39-SE (1973)
 Tennga 127-NW (1997)
 Texas Hollow 49-NW (1968)
 Tharpe 28-SW (1999)
 Theta 56-SE (1979)
 Three Churches 34-NE (1975)
 Thunderhead Mtn. NC-TN 157-SW (2000)
 Thurman 23-NW (1972)
 Tibbs 422-NE (1981)
 Tiptonville 419-NW (1981)
 Toney AL-TN 74-NW (1975)
 Topsy 42-NW (1968)
 Tracy City 99-SW (1983)
 Tranquillity 124-SW (1990)
 Trenton KY-TN 301-NE (1974)
 Trenton 437-NW (1981)
 Trezevant East 444-SE (1985)
 Trezevant West 444-SW (1985)
 Trimble 428-NW (1983)

Tullahoma 86-SW (1982)
 Turners Station 312-SE (1979)
 Turnpike 422-SW (1981)
 Twin Bridges 116-NE (1980)

Unaka NC-TN 141-NW (1978)
 Unicoi 199-NE (2003)
 Union City 427-NE (1980)
 Union Hill AL-TN 60-NW (1951)
 Union Hill TN-KY 324-SW (1968)
 Unionville 71-SE (1981)

Vale 9-SE (1985)
 Vandever 109-SE (1988)
 Vanleer 48-NW (1983)
 Verona 64-SE (1980)
 Vine 314-SE (1994)
 Viola 92-SE (1985)
 Vonore 139-SW (2003)

Walden Creek 156-SW (1987)
 Walnut MS-TN 441-NW (2000)
 Walterhill 315-NW (1998)
 Wartrace 78-SE (1980)
 Watauga Dam 207-SE (2003)
 Water Valley KY-TN 434-SE (1969)
 Watertown 318-SW (1995)
 Waterville 173-SE (2003)
 Wauhatchie 105-SW (1970)
 Waverly 30-SE (1987)
 Waynesboro 33-SE (1968)
 Waynesboro East 42-SW (1992)
 Wear Cove 157-NW (1974)
 Webbs Jungle 78-NE (1980)
 Welchland 328-NE (1994)
 Well Spring 145-NW (1980)
 West Memphis AR-TN 404-NW (1997)
 West Point 43-NE (1976)
 West Sandy Dike 19-SW (1965)
 Westmoreland 316-SW (1979)
 Westover 438-SW (1980)
 Wheeler 153-SE (1978)
 White Bluff 305-SW (1983)
 White City 100-NW (1974)
 White Hollow 145-SW (1986)
 White House 310-NW (1974)
 White Pine 163-SE (1961)
 White Rocks Mtn. 208-NE (2003)
 Whiteoak Flats 140-NE (2003)
 Whites Creek 307-SE (1994)
 Whiteville 431-SW (1981)
 Whitfield 40-SE (1968)
 Whitleyville 325-NW (1979)
 Whitten 43-SW (1975)
 Whitwell 100-NE (1982)
 Wilder 334-SE (1979)
 Wildwood 147-SE (1988)
 Willette 321-NE (1968)
 Williamsport 57-NW (1988)
 Wilson 402-SE (1983)
 Winchester 87-NE (1971)
 Windle 330-SW (1979)
 Windrock 129-SE (2000)
 Winfield 337-SW (1982)
 Wolf Pit Ridge 24-NE (1972)
 Woodbury 319-SE (1979)
 Woodlawn 300-SE (1980)
 Woolworth 39-NW (1973)
 Yellow Creek MS-AL-TN 25-NW (1986)
 Yorkville 428-SE (1980)

Youngville 306-SE (1980)
 Yuma 10-SE (1986)

Zionville NC-TN 220-SW (1959)

SCALE: 1:62,500

(1 inch = 1 mile): Size approximately 17x21 inches. Contour interval variable, available from US Geological Survey at store.usgs.gov..... Online

SCALE: 1:100,000

(1 centimeter = 1 kilometer): Size approximately 24x44 inches. Contour interval variable, shown in meters. Each.....\$6.00

| | | | | |
|------------------------------|-------------------------------|----------------------------|------------------------------|------------------------------|
| Asheville, NC-TN (1985) | Corbin, KY-TN (1981) | Holly Spring, MS-TN (1982) | Memphis East, TN (1986) | Selmer, TN-AL (1986) |
| Blytheville, AR-TN-MO (1986) | Corinth, KY-TN (1994) | Hopkinsville, KY-TN (1980) | Memphis West, TN-AR (1986) | Sikeston, MO-KY-TN-IL (1985) |
| Boone, NC-TN (1985) | Dalton, GA-TN (1981) | Huntsville, AL-TN (1984) | Middlesboro, KY-TN-VA (1977) | Tompkinsville, KY-TN (1985) |
| Bowling Green, KY-TN (1985) | Dickson, TN (1985) | Johnson City, TN-NC (1980) | Milan, TN (1986) | Tullahoma, TN (1981) |
| Bristol, VA-TN-KY (1981) | Dyersburg, TN-MO-KY-AR (1983) | Jonesboro, AR-TN-MO (1986) | Morristown, TN (1981) | Tuscumbia, AL-TN (1986) |
| Chattanooga, TN-NC (1988) | Fontana Lake, NC-TN (1983) | Knoxville, TN-NC (1983) | Murfreesboro, TN (1985) | Watts Bar Lake, TN (1981) |
| Chickamauga, GA-AL-TN (1981) | Helena, AR-MS-TN (1990) | Lawrenceburg, TN-AL (1985) | Murray, KY-TN (1986) | Wytheville, VA-NC-TN (1982) |
| Cleveland, TN-NC (1981) | Hohenwald, TN (1986) | McKenzie, TN-KY (1986) | Nashville, TN (1984) | |
| Cookeville, TN (1982) | | McMinnville, TN (1981) | Oak Ridge, TN (1979) | |

SCALE: 1:250,000

(1 inch = 4 miles). Size approximately 24x34 inches. Contour interval 100 feet. Covers one degree of latitude and two degrees of longitude. Modern base maps (revised in 1962-78) of small scale, covering large area. Available from US Geological Survey at store.usgs.gov..... Online

BASE MAPS OF TENNESSEE

- (1) Printed black-and-white base map by U.S. Geological Survey (1973). Scale 1 inch = 16 miles. Size 11x35 inches; available from US Geological Survey at store.usgs.gov Online
- (2) Base map with highways published by the U.S. Geological Survey (1973), showing state and county boundaries, locations of all towns, railroads, highways and contours. National forest and parks shown in different color patterns. Scale 1 inch = 8 miles. Contour interval, 200 feet. Size 19x65.5 inches\$6.00
- (3) Same as map (2) but with contours (1973).....\$6.00
- (4) Same as map (3) but with shaded-relief (1973).....\$6.00

COUNTY BASE MAPS

County highway maps are no longer available from the Tennessee Geological Survey; may be purchased from:

Tennessee Department of Transportation
Planning Division, Map Sales
Suite 300, James K. Polk Bldg.
Nashville, Tennessee 37243-0345
(615) 741-3214

OR available as PDFs online: <http://www.tn.gov/tdot/topic/maps-county>

PROPERTY LINE MAPS

All 7.5-minute property line quadrangle maps formerly sold by this office are out of print. Up-to-date maps may be obtained from:

Comptroller of the Treasury
Division of Property Assessment
505 Deaderick Street, Suite 1700
Nashville, Tennessee 37243-0277
(615) 401-7773

Scale: Rural Maps, 1 inch = 400 feet
City Maps, 1 inch = 100 feet
Size 24" x 36" (large map)
Size 11" x 17" (mini map)

For digital data products, go to:
https://www.comptroller.tn.gov/OnlineMap/HTM_Pages/gis_sales_parcel.htm

MINERAL RESOURCES MAPS

MINERAL RESOURCES AND MINERAL INDUSTRIES OF TENNESSEE, by William D. Hardeman and Robert A. Miller (1959). Printed in color, on a scale of 1:500,000 (1 inch = 8 miles). Descriptive text printed below map discusses the general geographic location of each commodity and gives information on production, value, and uses. Size approximately 42x66 inches..... Out of Print

MINERAL RESOURCES OF THE TENNESSEE VALLEY REGION (published by the Tennessee Valley Authority (1970). Scale 1 inch = 10 miles. Out of Print

MISCELLANEOUS CHARTS

Chart 1. Ground Water Investigations-SUBSURFACE GEOLOGIC CROSS SECTION FROM CLAYBROOK, MADISON COUNTY TO MEMPHIS, SHELBY COUNTY, TENNESSEE, by Robert Schneider and R.R. Blankenship (1950)..... Out of Print

Chart 2. Coal Investigations-RESULTS OF EXPLORATORY DRILLING, SOUTHERN TENNESSEE COAL FIELD, size 36x48 inches, compiled by Edward T. Luther and John W. Jewell (1952). Graphic logs of holes drilled in Marion, Hamilton, Sequatchie, Bledsoe, and Rhea Counties are presented. Proximate and ultimate analyses are given for all coal seams encountered that were 18 inches or more in thickness \$1.50

Chart 3. Coal Investigations-RESULTS OF EXPLORATORY DRILLING, MONTEREY COAL FIELD, TENNESSEE, size 36x48 inches, compiled by John W. Jewell and Edward T. Luther (1952). Similar to Chart 2 but concerned with the vicinity of the Monterey coal basin. Graphic logs of 18 holes core-drilled in Cumberland County, one in Putnam County, and one in Fentress County are presented. Proximate and ultimate analyses are given for all coal seams encountered that were 18 inches or more in thickness..... \$1.50

Chart 4. Not published.

Chart 5. Ground-Water Investigations-STRUCTURE CONTOUR MAP ON TOP OF THE KNOX DOLOMITE IN MIDDLE TENNESSEE, size 19x26 inches, by Roy Newcome, Jr. (1954). Contour interval 100 feet. Prepared in cooperation with the U.S. Geological Survey Out of Print

PHYSIOGRAPHIC MAPS OF TENNESSEE

Relief features, as valleys and mountains, shown by brown shading; no contours. (Edition of 1927; reprinted in 1936). Scale 1 inch = 8 miles; size 22 x 64 inches (printed)..... Out of Print

PHYSIOGRAPHIC MAP OF TENNESSEE by Edgar Bingham and Walter L. Helton (1999). Large (33" x 64," scale 1:500,000, 1 inch = 8 miles) map of Tennessee showing the physiographic features of the state. The configuration of the rocks across the State is illustrated in a geologic cross section. The State is divided into the several physiographic provinces and a short description of each is included. This map is suitable for framing..... \$3.25

RECREATION MAPS

TVA LAKES. A set of 14 multicolor maps of the Tennessee Valley Authority lakes, highlighting shoreline recreation facilities. Out of Print

LAND BETWEEN THE LAKES. TVA maps; sheet 1, Kentucky; sheet 2, Tennessee Out of Print

COUNTY SOIL BULLETINS

Soil Bulletins may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C.; U.S. Soil Conservation Service, 690 U.S. Courthouse, Nashville, Tennessee; University of Tennessee, Agricultural Experimental Station, Knoxville, Tennessee; or from congressmen. Soil bulletins are not available from the Tennessee Geological Survey.

AERIAL PHOTOS

For Resale:

Eastern Aerial Photograph Lab.
Compliance and Appeals Division
ASCS-USDA
45 S. French Broad Avenue
Asheville, North Carolina 28801

On Sale Only:

Agriculture Soil Conservation Service
581 U.S. Courthouse
Nashville, Tennessee 37203

MISCELLANEOUS OIL AND GAS AND MINERAL TEST HOLE INFORMATION

All information regarding the following four items is now available from:

Division of Water Resources, Oil & Gas Program
3711 Middlebrook Pike

Knoxville, Tennessee 37921
(865) 594-6035

OIL AND GAS LAWS IN TENNESSEE. Revised, 1982.

RULES AND REGULATIONS PERTAINING TO OIL AND GAS
EXPLORATION, ADOPTED BY THE STATE OIL AND GAS BOARD,
APRIL 11, 1968. (Revised, 1982).

RULES OF THE TENNESSEE STATE MINERAL TEST HOLE BOARD.
STATEWIDE ORDER NO. 2. Adopted by the State Mineral Test Hole Board,
April 29, 1976.

MINERAL TEST HOLE REGULATORY ACT.

MINERAL COLLECTION

MINERALS FROM TENNESSEE. Consists of the following 16 mineral or rocks, each about 1 inch in size, mounted in a 6-1/4 x 9-1/2 inch cardboard box: agate, gypsum, fluorite, calcite, quartz, granite, barite, mica, sandstone, limestone, marble, unakite, galena, limonite, copper ore, and sphalerite..... None Available

MISCELLANEOUS

CATALOGUE OF PUBLICATIONS, 2017.....Free
THE CITIZEN'S GUIDE TO GEOLOGIC HAZARDS (published by The
American Institute of Professional Geologists (1993).....\$21.60
HOME BUYER'S GUIDE TO GEOLOGIC HAZARDS (1996).....\$7.50

TENNESSEE DIRECTORY OF GEOLOGISTS AND GEOSCIENTISTS,
40 p., compiled by Richard G. Stearns, Phyllis M. Garman,
Donald R. Smith, Michael L. Hoyal (1986). Lists are by alphabet,
by cities, and by employers.....\$3.50
NEW MADRID EARTHQUAKE by Myron L. Fuller
<https://pubs.er.usgs.gov/publication/b494>.....Online

U.S. GEOLOGICAL SURVEY MAPS AND REPORTS

The following is a list of selected U.S.G.S. publications that contain significant information on Tennessee geology. These reports are for sale by the Tennessee Geological Survey at the prices listed.

BULLETINS

1979. BEDROCK GEOLOGY AND MINERAL RESOURCES OF THE
KNOXVILLE 1ø X 2ø QUADRANGLE, TENNESSEE, NORTH
CAROLINA, AND SOUTH CAROLINA, by G.R. Robinson, Jr.,
F.G. Lesure, J.I. Marlowe II, N.K. Foley, and S.H. Clark (1992),
73p.....\$6.50
2005. GEOLOGY AND MINERAL RESOURCE POTENTIAL OF THE
CHATTANOOGA 1ø X 2ø QUADRANGLE, TENNESSEE AND
NORTH CAROLINA-A PRELIMINARY ASSESSMENT, by
Sandra H. B. Clark, Gregory T. Spanski, Donald G. Hadley, and
Albert H. Hofstra (1993), 35 p.....\$6.50
2128. SUBDIVISION, SUBSURFACE STRATIGRAPHY, AND
ESTIMATED AGE OF FLUVIAL-TERRACE DEPOSITS IN
NORTHWESTERN TENNESSEE, by Donald T. Rodbell (1996),
24p.....\$3.50

| | | |
|------------------------|----------------------------|------------------------|
| Allensville (1966) | Howard Quarter (1970) | Roaring Springs (1967) |
| Athens(1952)(XC) | Jellico East (1990) | Shooks Gap (1955) |
| Bearden (1960) | Jellico West (1969) | Swan Island (1971) |
| Blackhouse (1960) | John Sevier (1966) | |
| Coleman Gap (1962) | Ketchen (1966) | Tazewell (1965) |
| | Knoxville (1958) | Trenton, KY-TN (1966) |
| Dot (1966) | | Wheeler (1965) |
| | Linville (1:62,500) (1965) | Wildwood (1960) |
| Fountain City (1966) | | |
| Fountain Run (1963) | Maryville (1962) | |
| Franklin, KY-TN (1963) | Middlesboro South (1964) | |
| Frogue 91967) | | |
| | Niota (1952) | |
| Guthrie (1966) | Oak Grove (1966) | XC Xerox Copy |

COAL INVESTIGATIONS MAPS

C 39. GEOLOGY AND COAL RESOURCES OF THE PIONEER
QUADRANGLE, SCOTT AND CAMPBELL COUNTIES,
TENNESSEE, by K.J. Englund (1957), scale 1:24,000\$5.00
C 40. GEOLOGY AND COAL RESOURCES OF THE IVYDELL
QUADRANGLE, CAMPBELL COUNTY, TENNESSEE, by K.J.
Englund (1958), scale 1:24,000.....\$5.00

GEOLOGIC QUADRANGLE MAPS

Colored geologic maps printed on a topographic base, scale 1:24,000 (1
inch = 2,000 feet). Coverage mostly in East Tennessee near
Knoxville and along the Kentucky border. Quadrangles now
available listed below and also shown on index map. Each
quadrangle, unless otherwise indicated.....\$5.00

| | | |
|-------------------|---------------------|---------------------|
| Adairville (1966) | Herndon (1966) | Petroleum (1964) |
| Adolphus (1964) | Hickory Flat (1965) | Prices Mills (1965) |
| Albany (1966) | Holland (1962) | |

FOLIOS OF KNOX COUNTY, TENNESSEE

I-767 A. LAND SLOPES AND URBANIZATION IN KNOX COUNTY,
TENNESSEE, compiled by Leonard D. Harris(1972), Scale
1:125,000\$2.00
I-767 B. GEOLOGIC MAP OF KNOX COUNTY, TENNESSEE, by United
States Geological Survey(1972), Scale 1:125,000\$2.00
I-767 E. GROUND-WATER YIELD POTENTIAL IN KNOX COUNTY,
TENNESSEE, by William M. McMaster(1973), Scale 1:125,000\$2.00
I-767 F. AREAS WITH ABUNDANT SINKHOLES IN KNOX COUNTY,
TENNESSEE, by Leonard D. Harris(1973), Scale 1:125,000\$2.00
I-767 G. BASINS DRAINED BY SINKHOLES IN KNOX COUNTY,
TENNESSEE, by Leonard D. Harris(1973), Scale 1:125,000\$2.00
I-767-H. SOIL ASSOCIATION MAP OF KNOX COUNTY, TENNESSEE,
by United States Geological Survey(1972), Scale 1:125,000\$2.00
I-767 I. PHYSICAL CHARACTERISTICS OF SOILS IN KNOX COUNTY,
TENNESSEE, by Leonard D. Harris(1972), Scale 1:125,000\$2.00
I-767 J. OVERBURDEN RELATED TO TYPE OF BEDROCK AND
ENGINEERING CHARACTERISTICS OF THE BEDROCK,
KNOX COUNTY, TENNESSEE, by Leonard D. Harris and John
M. Kellberg(1972), Scale 1:125,000\$2.00

MINERAL INVESTIGATIONS FIELD STUDIES MAPS

| | |
|--|--------|
| MF-175. RED IRON-ORE BEDS OF SILURIAN AGE IN NORTHEASTERN ALABAMA, NORTHWESTERN GEORGIA AND EASTERN TENNESSEE, by Jessie W. Whitlow (1962) | \$2.00 |
| MF-1338B GEOCHEMICAL SURVEY OF THE LITTLE FROG ROADLESS AREA, POLK COUNTY, TENNESSEE, by Eric R. Force and David F. Siems(1986), Scale 1:24,000 | \$2.00 |
| MF-2218 LOGS OF EXPLORATORY TRENCHES THROUGH LIQUEFACTION FEATURES ON LATE QUATERNARY TERRACES IN THE OBION RIVER VALLEY, NORTHWESTERN TENNESSEE, by Donald T. Rodbell and Lee-Ann Bradley(1993), 2 sheets | \$2.00 |

MISCELLANEOUS MAPS

| | |
|--|--------|
| U.S. Maps, 1972. Size approximately 42" x 54", scale 1:2,500,000; West half; East half | \$5.00 |
| MISCELLANEOUS INVESTIGATIONS SERIES, Map I-1853-A., Precambrian Basement Map of the Northern Midcontinent, USA | \$4.00 |
| WATER RESOURCES OF THE GREAT SMOKY MOUNTAINS NATIONAL PARK, TENNESSEE AND NORTH CAROLINA, Hydrologic Investigations Atlas HA-420, by W. M. McMaster and E. F. Hubbard(1970), 2 sheets, Scale 1:125,000 | \$2.00 |
| GEOLOGIC MAP SHOWING UPPER CRETACEOUS, PALEOCENE, AND LOWER AND MIDDLE EOCENE UNITS AND DISTRIBUTION OF YOUNGER FLUVIAL DEPOSITS IN WESTERN TENNESSEE, Map I-916, by William S. Parks and Ernest E. Russell(1975), Scale 1:250,000 | \$2.00 |
| MAPS OF AN EMERGING NATION, USA 1775-1987 . Available from US Geological Survey at store.usgs.gov | Online |

U.S. BUREAU OF MINES REPORTS

The following is a list of selected U.S.B.M. publications that contain significant information on the geology and mineral industries of Tennessee. These reports are for sale by the Tennessee Geological Survey at the prices listed.

MINERAL INDUSTRIES SUMMARIES

| | |
|---|-----------|
| DATA ON MINERAL PRODUCTIONS AND VALUE, BY COMMODITY AND BY COUNTY, FOR TENNESSEE. 1975, 81, 91, 92 available | No Charge |
| DATA ON MINERAL PRODUCTIONS AND VALUE, BY COMMODITY AND BY COUNTY, FOR TENNESSEE. These reports can be viewed or downloaded from USGS' site for the year 1994 2013 at http://minerals.usgs.gov/minerals | |

MISCELLANEOUS (AAPG Report)

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| MIDWESTERN BASIN AND ARCHES REGION-CORRELATION OF STRATIGRAPHIC UNITS OF NORTH AMERICA (COSUNA) PROJECT, published by the AAPG Bookstore (1985) | \$10.00 |
| SOUTHERN APPALACHIAN REGION-CORRELATION OF STRATIGRAPHIC UNITS OF NORTH AMERICA (COSUNA) PROJECT, published by the AAPG Bookstore (1985) | Out of Print |
| TEXAS-OKLAHOMA TECTONIC BELT-CORRELATION OF STRATIGRAPHIC UNITS OF NORTH AMERICA (COSUNA) PROJECT, published by the AAPG Bookstore (1987) | \$10.00 |

TENNESSEE RELATED PUBLICATIONS

The following publications concern the Division of Archaeology, Division of Historical Commission, Division of Natural Heritage, Buddy Brehm's mini history series and others.

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| ALONG THE HARPETH by Buddy Brehm (1993) | \$6.00 | A BRIEF INTRODUCTION TO PALEO TIMES IN TN., & KY., 11,500-7,900 B.P., by Maury E. Miller, III (1997) by Maury E. Miller, III(1997)..... | \$3.00 |
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| ARCHAEOLOGICAL INVESTIGATIONS AT FORT PILLOW STATE HISTORIC AREA: 1976-1978, (TN Division of Archaeology Research Series #4), by Robert C. Mainfort, Jr. (1980)..... | Out of Print | A FURTHER CONTRIBUTION TO THE STUDY OF THE MORTUARY CUSTOMS OF THE NORTH American Indians by Dr. H. C. Yarrow (1988) | \$10.00 |
| ARCHAEOLOGICAL EXCAVATIONS AT THE RUTHERFORD-KIZER SITE: A MISSISSIPPIAN MOUND CENTER IN SUMNER COUNTY, TENNESSEE (TN Division of Archaeology Research Series #13), edited by Michael C. Moore and Kevin E. Smith (2001) | \$12.75 | THE GANIER SITE - A PREHISTORIC INDIAN VILLAGE IN WEST TN., by John B. Broster (1986) | \$3.75 |
| ARCHAEOLOGICAL PARKS, INTEGRATING PRESERVATION, INTERPRETATION & RECREATION, Mary L. Kwas, ed. (1986)..... | \$7.00 | GENERAL GATES P. THURSTON – ARCHAEOLOGIST by Robert A. McGaw & Richard W. Weesner (1980)..... | \$3.25 |
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| THE ASSOCIATION OF SOUTHEASTERN BIOLOGISTS BULLETIN-SYMPOSIUM: BIOTA, ECOLOGY & ECOLOGICAL HISTORY OF CEDAR GLADES, Vol. 33, Number 4, October 1986, Paul Somers, ed. (1986) | \$5.00 | THE GEOLOGIC HISTORY OF NASHVILLE AND THE SURROUNDING MIDDLE TENNESSEE REGION by Robert A. Miller (2014) | \$20.00 |
| THE BATTLE OF HARTSVILLE by E. L. Ferguson (1990)..... | \$6.00 | GORDONTOWN: SALVAGE ARCHAEOLOGY AT A MISSISSIPPIAN TOWN IN DAVIDSON COUNTY, TN., Research Series #11, edited by Michael C. Moore and Emanuel Breitburg (1998) | \$13.65 |
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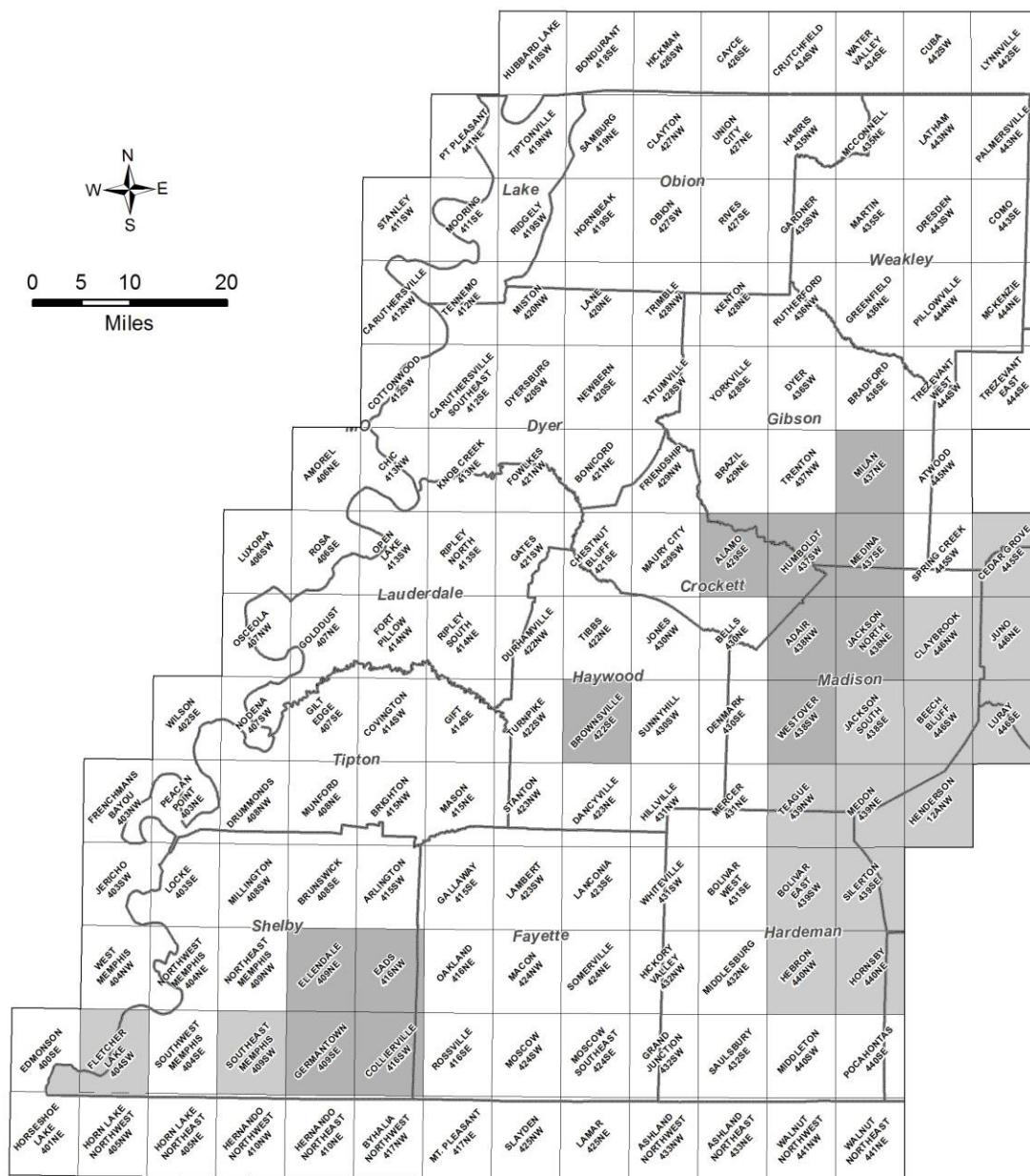
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| STRUCTURE AND THICKNESS OF THE DEVONIAN-MISSISSIPPIAN SHALE SEQUENCE IN AND NEAR THE MIDDLESBORO SYNCLINE IN PARTS OF KENTUCKY, TENNESSEE, AND VIRGINIA by Paul Potter, et al, Report of Investigations 2, Kentucky Geological Survey (1984)..... | \$7.20 |
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| TENNESSEE HISTORICAL MARKERS (markers erected by the Tennessee Historical Commission and designates their location) by TN Historical Commission, 8th edition (1996)..... | \$5.50 |
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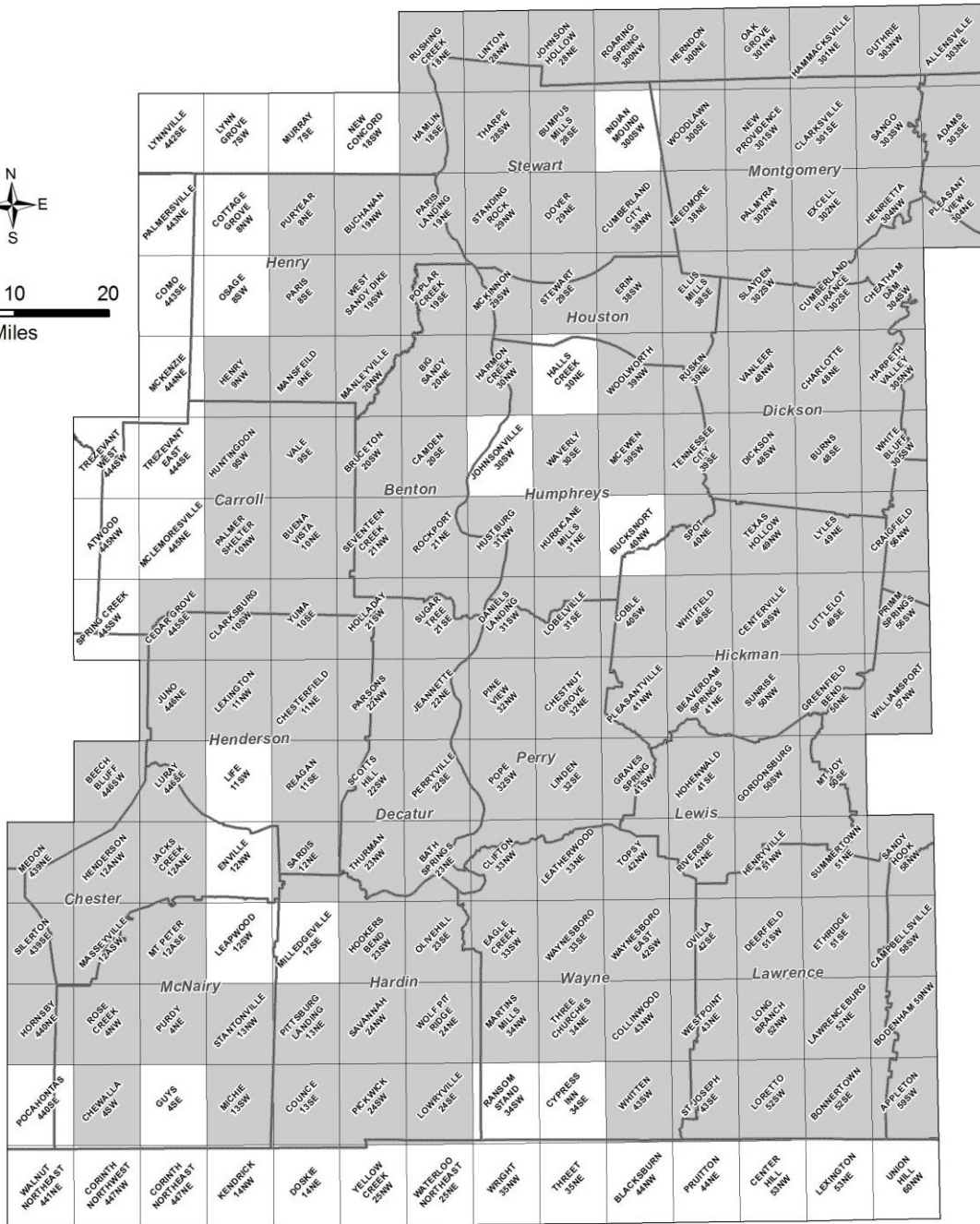
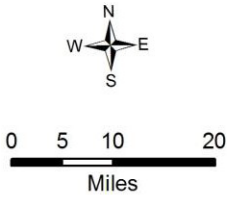
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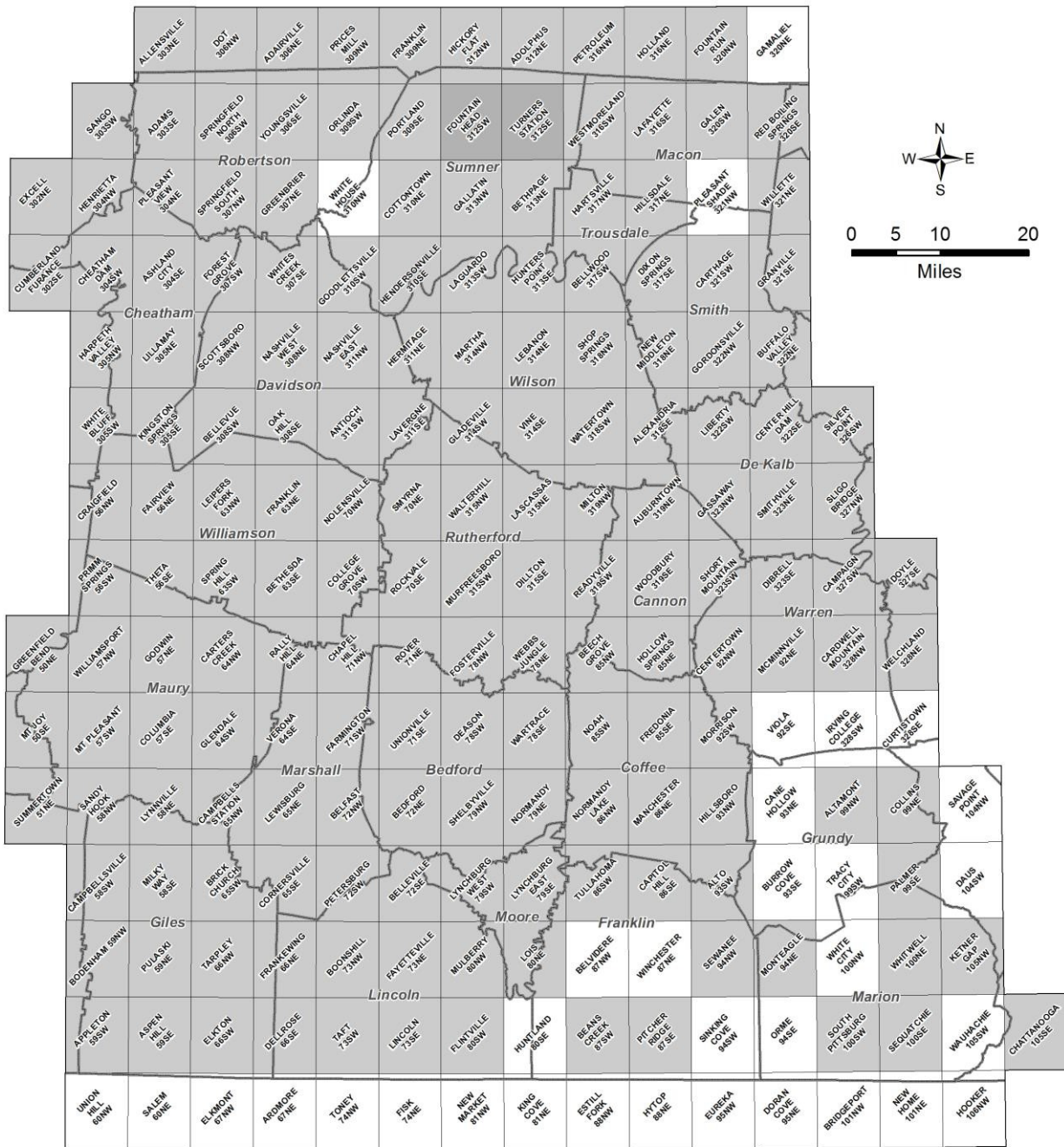
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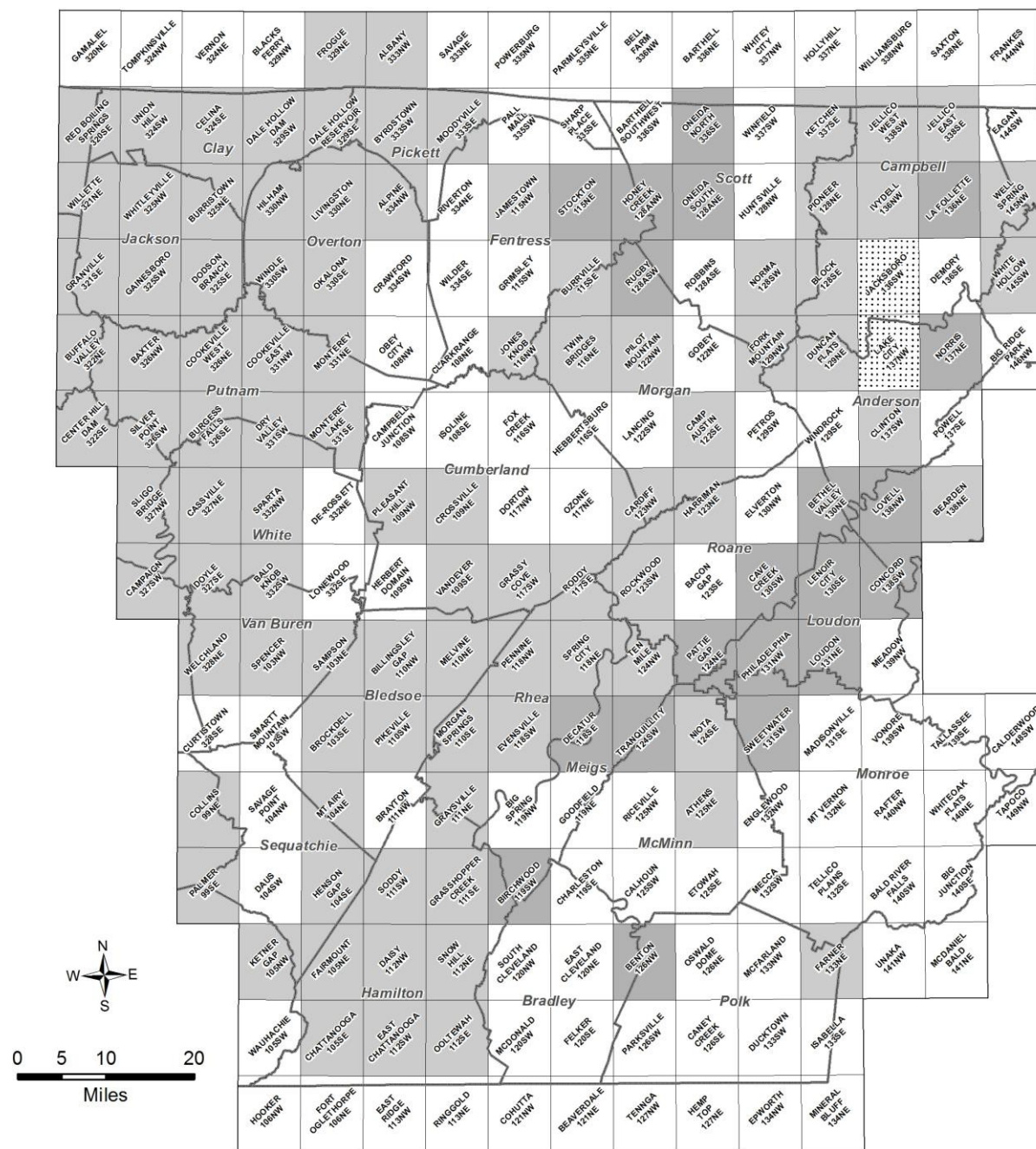
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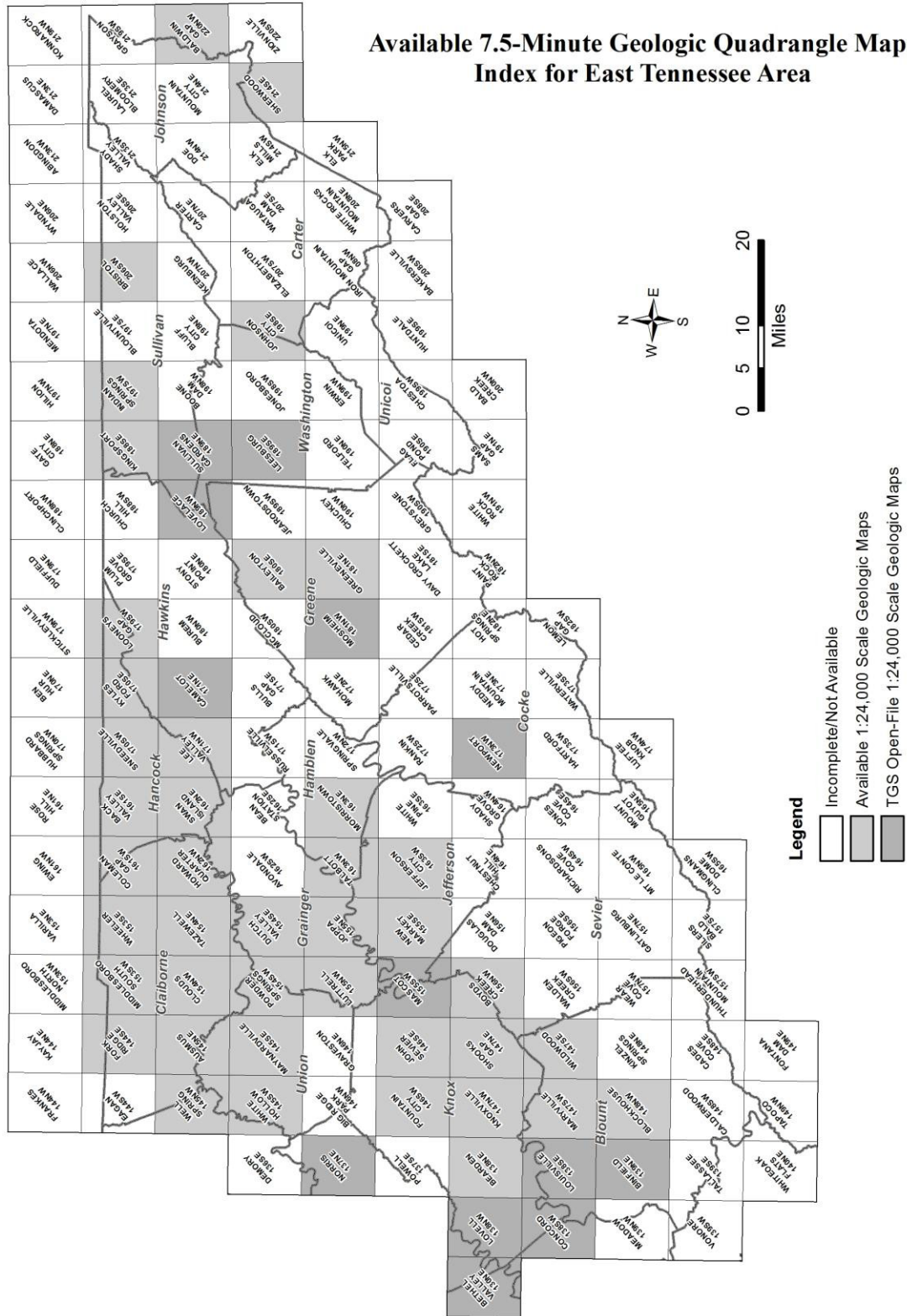
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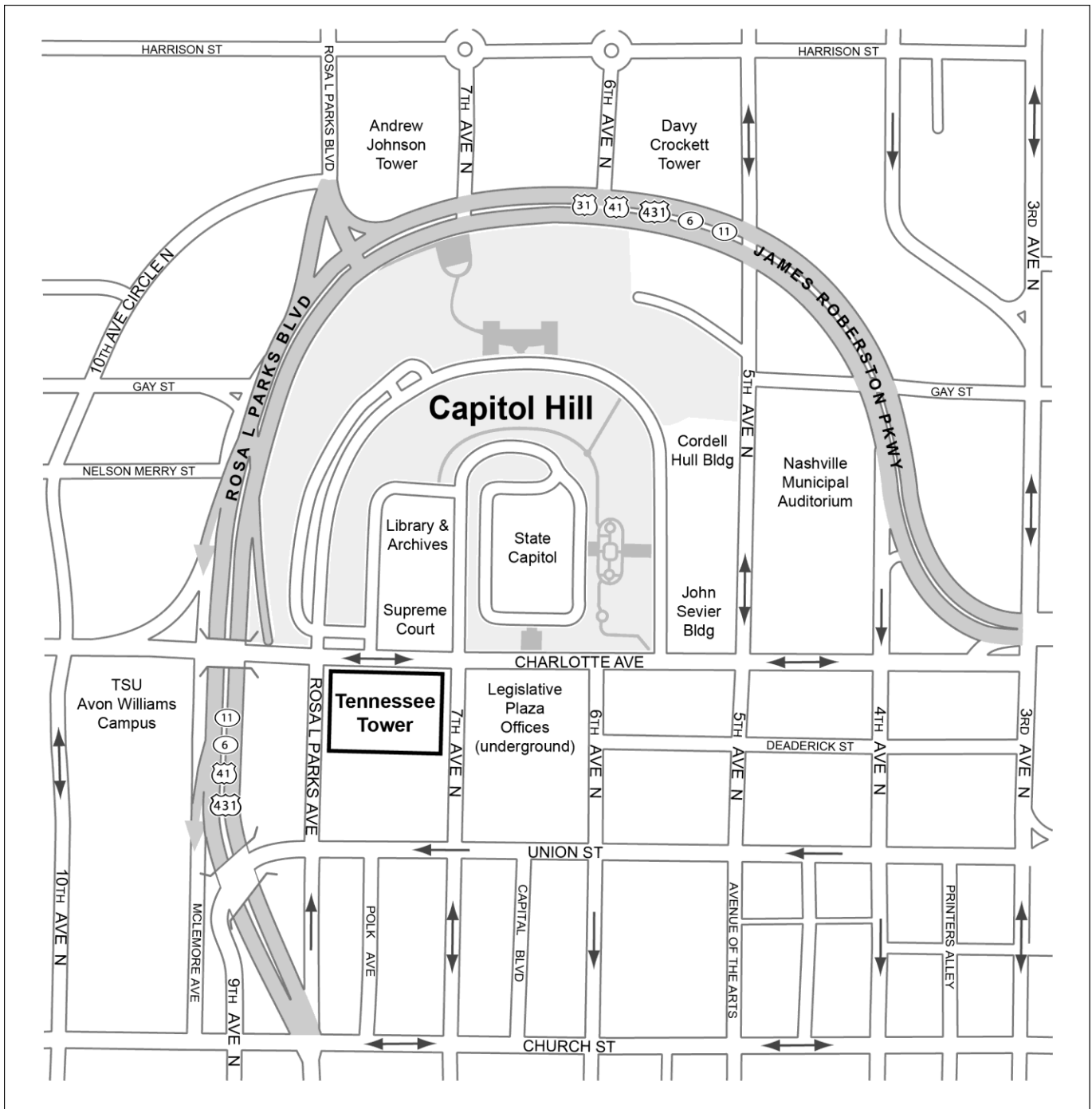
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