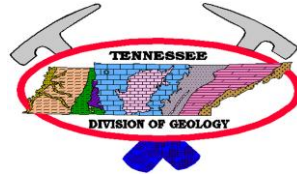




Association of American
State Geologists



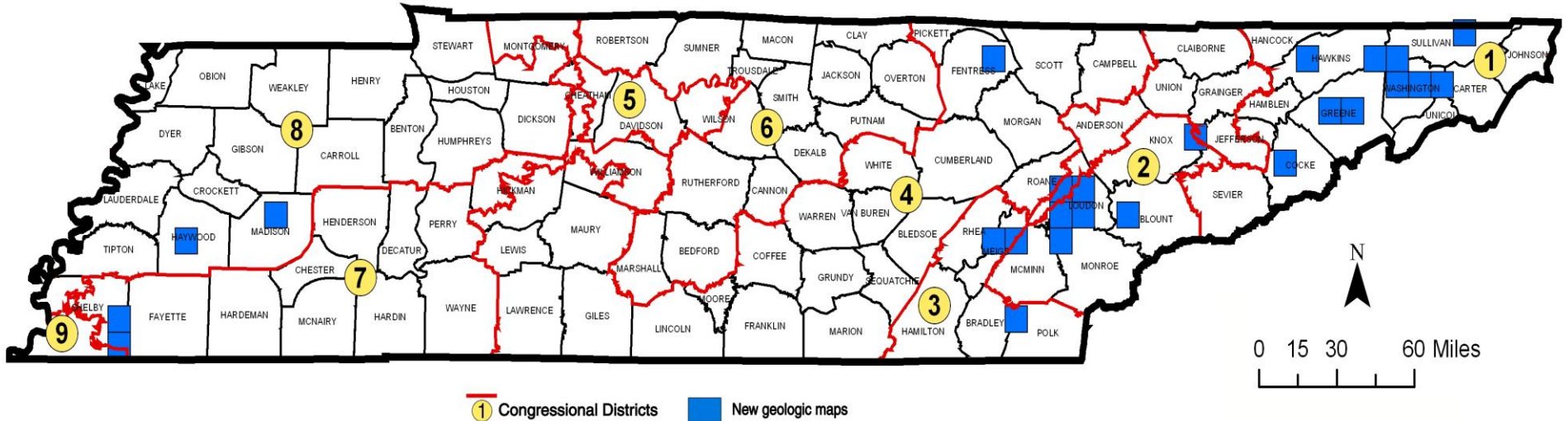
United States
Geological Survey



National Cooperative Geologic Mapping Program

STATEMAP Component: States compete for federal matching funds for geologic mapping

TENNESSEE



Contact information

Tennessee Division of Geology

State Geologist: Ronald P. Zurawski (615/532-1502)

STATEMAP Contact: Ronald P. Zurawski

<http://www.state.tn.us/environment/tdg>

U.S.G.S. Geologic Mapping Program Office

Program Coordinators: Peter T. Lyttle (703/648-6943)

Associate Program Coordinators: Randall C. Orndorff (703/648-4316)

Linda Jacobsen (703/648-4335)

<http://ncgmp.usgs.gov/>

**SUMMARY OF STATEMAP
GEOLOGIC MAPPING PROGRAM IN TENNESSEE**

FFY	Project Title / Scale	State Dollars	Federal Dollars	Total Project Dollars
1994	Greeneville Geologic Map, 1:24,000	\$15,000	\$15,000	\$30,000
1995	Johnson City and Bristol Geologic Maps, 1:24,000	\$12,468	\$12,468	\$24,936
1996	Lenoir City Geologic Map, 1:24,000	\$11,688	\$11,688	\$23,376
1998	Jonesborough Geologic Map, 1:24,000	\$16,000	\$16,000	\$32,000
1999	Loudon Geologic Map, 1:24,000	\$16,864	\$16,864	\$33,728
2000	Sweetwater, Philadelphia, and Cave Creek Geologic Maps, 1:24,000	\$28,134	\$28,134	\$56,268
2001	Jackson North, Sullivan Gardens, and Leesburg Geologic Maps, 1:24,000	\$50,928	\$50,928	\$101,856
2002	Lovelace and Mosheim Geologic Maps, 1:24,000	\$38,100	\$38,100	\$76,200
2003	Camelot and Mascot Geologic Maps, 1:24,000	\$40,000	\$40,000	\$80,000
2004	Binfield and Newport Geologic Maps, 1:24,000	\$32,186	\$32,186	\$64,372
2005	Convert 33 maps to digital coverage	\$10,612	\$10,612	\$21,224
2006	Benton and Brownsville Geologic Maps, Digital compilation of Loudon and Sweetwater Geologic Maps, 1:24,000	\$50,612	50,612	101,224
2007	Collierville and Decatur Geologic Maps, Digital compilation of Fountain Head, Norris, Philadelphia and Turners Station Geologic Maps, 1:24,000	\$53,490	\$53,490	\$106,980
2008	Eads, Tranquility, and Stockton Geologic Maps, Conversion of Gainesboro, Goodlettsville, Gordonsburg, Hendersonville, Kyles Ford, Lincoln, Lois, Sneedville, Taft, and Woodlawn Geologic Maps, to digital coverage, 1:24,000	\$46,670	\$46,670	\$93,340
	TOTALS	\$422,752	\$422,752	\$845,504

To date, 493 of Tennessee's 804 quadrangles (61 percent) have been completed. STATEMAP has supported geologic mapping of 22 quadrangles. These maps have been used to prepare Phase I and II environmental site assessments, storm water pollution prevention plans, and environmental assessment reports. They have also been used by state regulatory agencies to identify expected soil and lithologic regimes at leaking underground storage tank sites, to aid in the mine permitting process, and to evaluate conditions for inactive hazardous waste sites. Consultants find the new color digital maps especially helpful in defining formations and their boundaries for quick reference.

April 2008