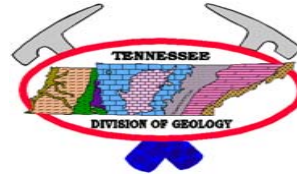




Association of American
State Geologists



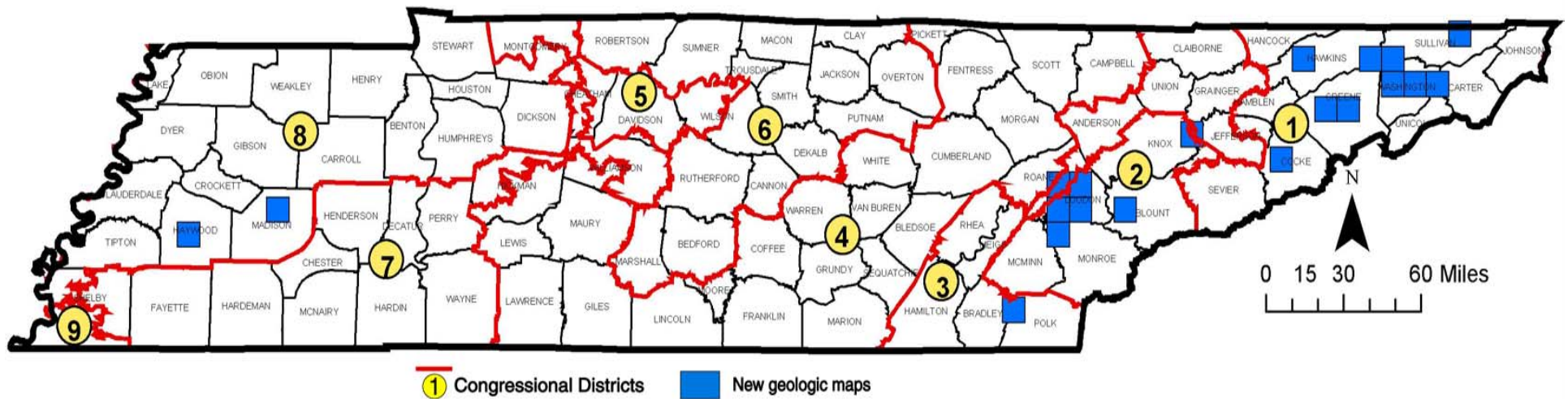
United States
Geological Survey



National Cooperative Geologic Mapping Program

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

TENNESSEE



Contact information

Tennessee Division of Geology

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

Laurel M. Bybell (703/648-5281)

<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 coverages	\$15,405	\$15,405	\$30,810
2006	Benton and Brownsville Geologic Maps, Digital compilation of Loudon and Sweetwater Geologic Maps, 1:24,000	\$58,362	\$58,362	\$116,724
	TOTALS	\$335,135	\$335,135	\$670,270

To date, 493 of Tennessee's 804 quadrangles (61 percent) have been completed. STATEMAP has supported geologic mapping of 18 quadrangles. These maps have been used for Phase I Environmental Site Assessments, to evaluate groundwater flow and potential for migration of contaminants that may have been released to the soil and groundwater, by the Tennessee Department of Transportation for a new roadway proposal, and by a state regulatory agency for their regulatory functions, spill, and complaint investigations. According to one state official, "The generally complex geology of upper East Tennessee's Valley and Ridge structure begs for more complete, detailed geologic maps for use in site evaluation and decision making. These published to date are extremely helpful."

March 2006