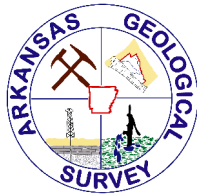




Association of American State Geologists



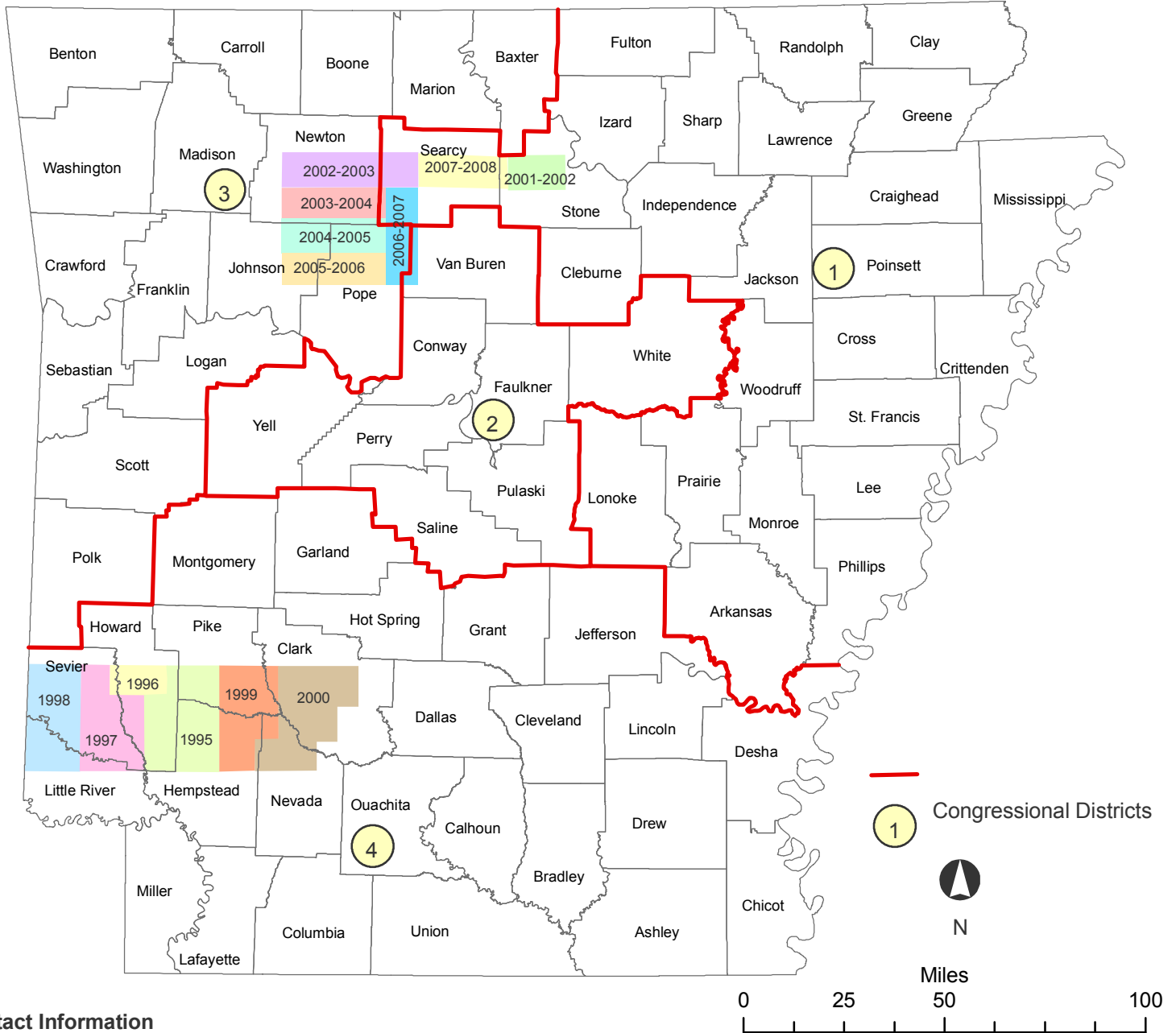
United States Geological Survey



# National Cooperative Geologic Mapping Program

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

Areas and years where STATEMAP Projects have taken place.



## Contact Information

### Arkansas Geological Survey

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<http://www.state.ar.us/agc/agc.htm>

### 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)

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

<b>Year</b>	<b>Project Title</b>	<b>State Dollars</b>	<b>Federal Dollars</b>	<b>Total Project Dollars</b>
1995-96	Murfreesboro, Nathan, Nashville, McCaskill, Mineral Springs North, Mineral Springs South, Columbus, and Washington 7.5-min Quadrangles	\$33,987	\$25,000	\$58,987
1996-97	Center Point and Dierks 7.5-min Quadrangles	\$13,037	\$10,000	\$23,037
1997-98	Geneva, Lockesburg, Silver Ridge, Falls Chapel, and Ben Lomond 7.5-min Quadrangles	\$43,410	\$41,210	\$84,620
1998-99	DeQueen, Chapel Hill, Horatio, Cerrogordo, Arkinda, Winthrop 7.5-min Quadrangles	\$40,889	\$40,825	\$81,714
1999-2000	Antoine, Delight, Pisgah, Piney Grove, and Blevins 7.5-min Quadrangles	\$38,327	\$38,311	\$76,638
2000-2001	Arkadelphia, Hollywood, Okolona North, Okolona South, Gurdon, Prescott East, and Prescott West 7.5 Quadrangles	\$42,292	\$38,110	\$80,402
2001-2002	Onia and Fifty-Six 7.5 Quadrangles	\$46,437	\$45,377	\$91,814
2002-2003	Parthenon, Mt. Judea, Eula, and Snowball 7.5-min Quadrangles	\$52,160	\$50,595	\$114,951
2003-2004	Deer, Lurton, and Moore 7.5-min Quadrangles	\$49,760	\$48,865	\$98,625
2004-2005	Fort Douglas, Sand Gap and Smyrna 7.5 min Quadrangles	\$64,138	\$64,138	\$128,276
2005-2006	Treat, Simpson and Solo 7.5 min Quadrangles	\$73,582	\$52,934	\$126,516
2006-2007	Witts Springs, Tilly and Lost Corner 7.5 min Quadrangles	\$92,344	\$81,882	\$174,226
	<b>TOTALS</b>	<b>\$590,363</b>	<b>\$537,247</b>	<b>\$1,139,806</b>

The Arkansas Geological Survey is an active participant in the STATEMAP part of the National Cooperative Geological Mapping Program (NCGMP), having participated since 1995. Arkansas recognizes the importance of geological mapping as a tool for decision makers who have a need to understand the nature, composition, and distribution of earth materials.

Geologic mapping has been and is an important information gathering tool. This information is used for informed decision making and for the protection of the state's resources. The more accurate the geologic information is the better developers and planners decision making abilities can be to protect the environment and serve the public equally.

The Ozark-St. Francis National Forest (USFS) in north-central Arkansas recently used STATEMAP maps published in 2002 to assist in land use management practices. The Sylamore Forest District contains a karst landscape, having Ordovician through Mississippian Limestones exposed at the surface, and the USFS manages a cave located in the area (Blanchard Springs Caverns). The detailed geologic mapping provided them with information to minimize the potential risk of natural hazards in the area as they performed land management activities. The USFS was better able to understand the hydrologic relationships in the area and take special precautions when needed. The maps also provided the USFS with locations for rock to use in road development and maintenance.

Since Arkansas began its participation in the STATEMAP Program, it has completed 51 surficial maps at a scale of 1:24,000. Three more 7.5 minute quadrangles in north-central Arkansas will be completed by July 1, 2008.