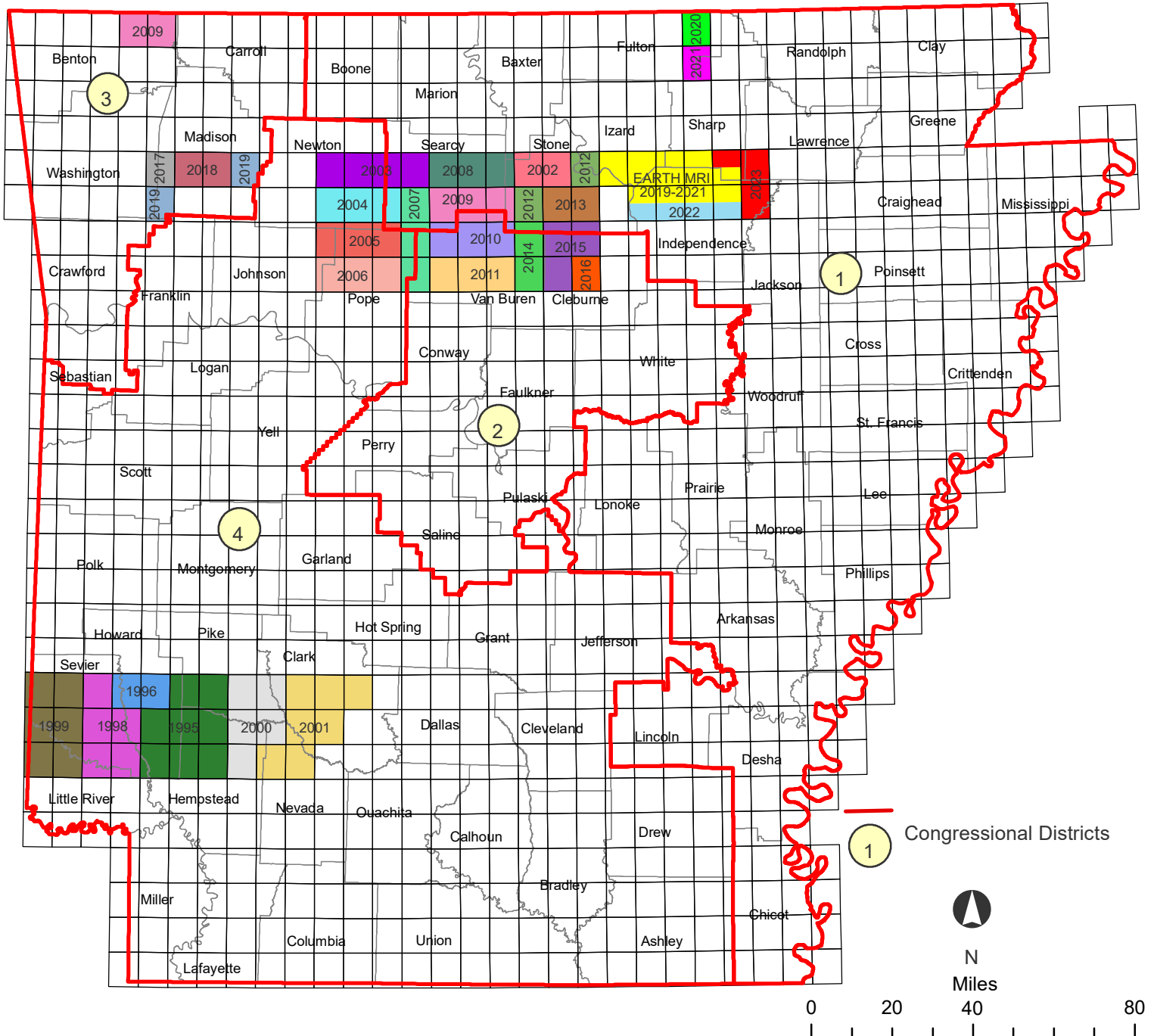


National Cooperative Geologic Mapping Program

STATEMAP: competitive, matching-funds federal grant program created to promote bedrock geologic mapping.
Earth Mapping Resources Initiative (Earth MRI): federal grant program focused on critical mineral resources.

History of STATEMAP and Earth MRI project areas in Arkansas



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**SUMMARY OF STATEMAP AND EARTH MRI
GEOLOGIC MAPPING PROJECTS IN ARKANSAS**

Year	Quadrangle and Scale	Arkansas Dollars	Federal Dollars	Total Project Dollars
1994-95	Murfreesboro, Nathan, Nashville, McCaskill, Mineral Springs North, Mineral Springs South, Columbus, and Washington 1:24K	\$33,987	\$25,000	\$58,987
1995-96	Center Point and Dierks 1:24K	\$13,037	\$10,000	\$23,037
1997-98	Geneva, Lockesburg, Silver Ridge, Falls Chapel, and Ben Lomond 1:24K	\$43,410	\$41,210	\$84,620
1998-99	De Queen, Chapel Hill, Horatio, Cerrogordo, Arkinda, and Winthrop 1:24K	\$40,889	\$40,825	\$81,714
1999-20	Antoine, Delight, Pisgah, Piney Grove, and Blevins 1:24K	\$38,327	\$38,311	\$76,638
2000-01	Arkadelphia, Hollywood, Okolona North, Okolona South, Gurdon, Prescott East, and Prescott West 1:24K	\$42,292	\$38,110	\$80,402
2001-02	Onia and Fifty-Six 1:24K	\$46,437	\$45,377	\$91,814
2002-03	Parthenon, Mt. Judea, Eula, and Snowball 1:24K	\$52,160	\$50,595	\$102,755
2003-04	Deer, Lurton, and Moore 1:24K	\$49,760	\$48,865	\$98,625
2004-05	Fort Douglas, Sand Gap, and Smyrna 1:24K	\$64,138	\$64,138	\$128,276
2005-06	Treat, Simpson, and Solo 1:24K	\$73,582	\$52,934	\$126,516
2006-07	Witts Springs, Tilly, and Lost Corner 1:24K; Idabell 100K	\$92,344	\$81,882	\$174,226
2007-08	Marshall, Harriet, and Landis 1:24K; De Queen 1:100K	\$75,537	\$71,365	\$146,902
2008-09	Canaan, Leslie, Oxley, Pea Ridge, and Garfield 1:24K	\$104,705	\$104,704	\$209,409
2009-10	Alread, Botkinburg, and Old Lexington 1:24K	\$64,851	\$64,833	\$129,684
2010-11	Rex, Scotland, and Clinton 1:24K	\$70,328	\$67,110	\$137,438
2011-12	Fox and Sylamore 1:24K	\$74,082	\$72,153	\$146,235
2012-13	Mountain View and Mountain View SW 1:24K	\$71,897	\$65,440	\$137,337
2013-14	Shirley and Fairfield Bay 1:24K	\$63,055	\$59,272	\$122,327
2014-15	Parma, Prim, and Greers Ferry 1:24K	\$74,405	\$72,220	\$146,625
2015-16	Brownsville 1:24K	\$69,341	\$45,569	\$114,910
2016-17	Durham 1:24K	\$67,621	\$49,438	\$117,059
2017-18	Japton and Witter 1:24K	\$82,968	\$59,943	\$142,911
2018-19	Weathers and Delaney 1:24K	\$75,410	\$67,585	\$142,995
2019-20	Mammoth Spring 1:24K	\$65,629	\$65,629	\$131,258
2019-21	Batesville Manganese District-Earth MRI 1:24K	\$100,000	\$100,000	\$200,000
2020-21	Stuart 1:24K	\$73,662	\$49,357	\$123,019
2021-22	Southern Portion of Bethesda, Batesville, Sulphur Rock, and Charlotte 1:24K; Mountain View 1:100K	\$132,850	\$126,115	\$258,965
2022-23	Grange, Strawberry, and northwest portion of Cord and Strangers Home 1:24K	\$64,999	\$64,999	\$129,998
TOTAL		\$1,921,703	\$1,742,979	\$3,664,682

Since 1994, the Office of the State Geologist (OSG), formerly the Arkansas Geological Survey, has actively participated in STATEMAP, the state component of the National Cooperative Geological Mapping Program (NCGMP). STATEMAP is a yearly grant program, created by the National Geologic Mapping Act of 1992 and administered by the U.S. Geological Survey, which provides the opportunity for state surveys to compete for federal funds to be matched by the state and used for geologic mapping and other data-driven research projects. With STATEMAP funding in place, OSG geologists can collect the field data necessary to accomplish geologic mapping at the 1:24,000 scale. Geologic mapping at this scale provides basic information about the nature, composition, and distribution of earth materials within our state. This information is essential for making sound decisions regarding the orderly exploration, development, and protection of our state's natural resources. More recently, the OSG has participated in the Earth Mapping Resources Initiative (Earth MRI), another grant program that provides funding for longer term mapping projects focused on critical mineral deposits in Arkansas.

Since Arkansas began participating in STATEMAP, we have completed ninety-three bedrock/surficial geologic maps based on USGS 7.5-minute topographic series quadrangles, and three maps based on 30X60-minute (1:100,000-scale) quadrangles, each of which represents a compilation of thirty-two 7.5-minute maps. So far, only one map has been completed for EarthMRI, but it covers a large area in northwest Arkansas known historically as the Batesville Manganese District. This year, OSG geologists will be in the field gathering data to map the geology of an area near Greers Ferry Lake for STATEMAP, and start a three-year project to map historic lead and zinc mining districts in northern Arkansas for Earth MRI.

To view or download these maps, please visit <https://www.geology.arkansas.gov/maps-and-data/geologic-maps.html>.