



Association of American State Geologists



United States Geological Survey

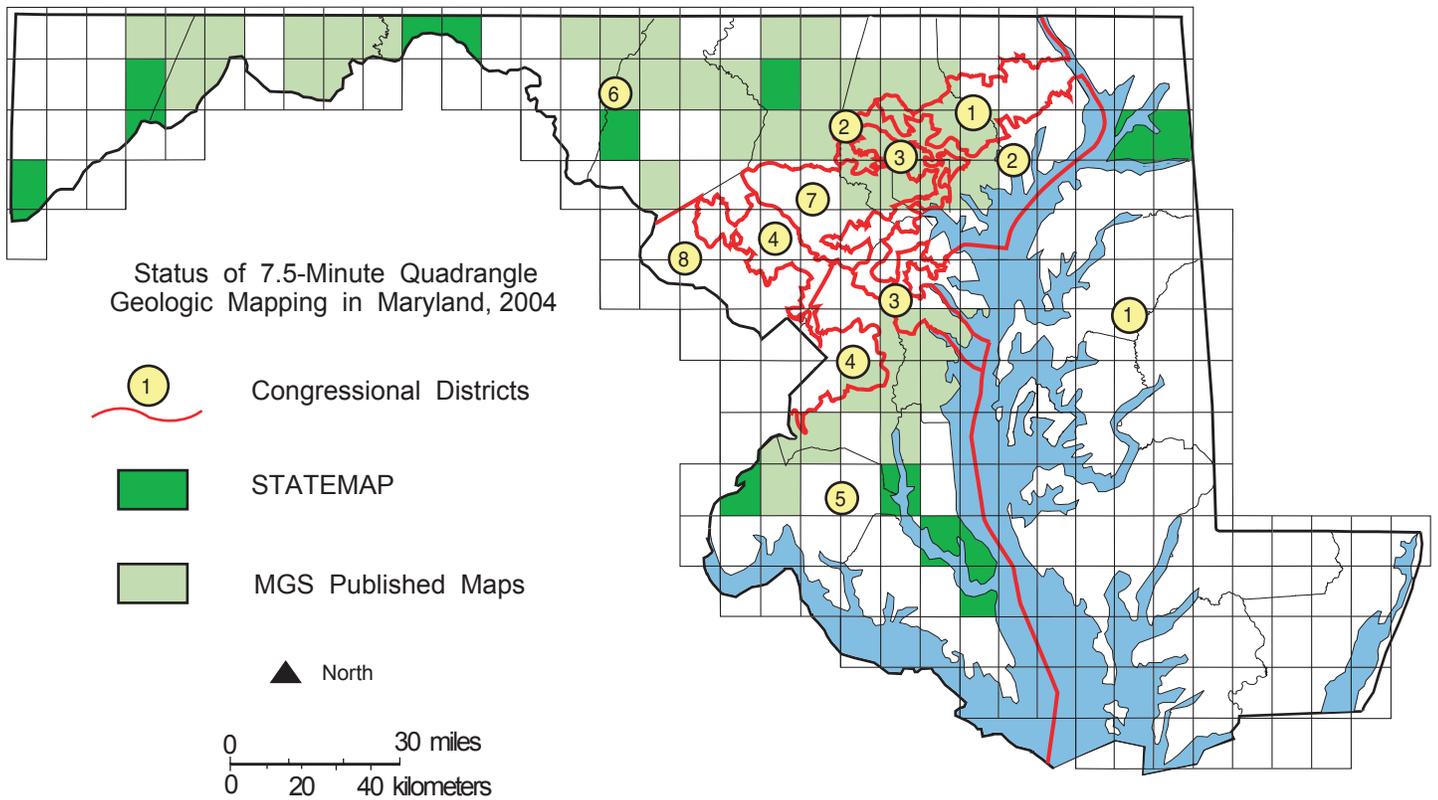


**Environmental Geology and Mineral Resources
Maryland Geological Survey
Maryland Department of Natural Resources**

National Cooperative Geologic Mapping Program

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

Maryland



Contact information

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SUMMARY OF STATEMAP GEOLOGIC MAPPING PROGRAM IN MARYLAND

Federal Fiscal Year	Project Title	Federal Dollars	State Dollars	Total Project Dollars
99	Maryland STATEMAP	\$24,900	\$24,900	\$49,800
00	Maryland STATEMAP	0	0	0
01	Maryland STATEMAP	68,380	71,980	140,360
02	Maryland STATEMAP	100,000	122,425	222,425
03	Maryland STATEMAP	39,653	41,448	81,101
04	Maryland STATEMAP	76,208	77,092	153,300
Totals		\$309,141	\$337,845	\$646,986

In FY 2000, the Environmental Geology and Mineral Resources Program took the lead in implementing a new MGS policy to produce only digital geologic maps. Starting with FY 2001, the STATEMAP part of the National Cooperative Geologic Mapping Program (NCGMP) has significantly enabled MGS to initiate the production of digital geologic maps, to begin clearing a backlog of unpublished quadrangle maps, and to keep pace with mapping in progress.

From FY 2001 through 2003, STATEMAP has supported production of digital geologic maps for previously completed, but unpublished quadrangles: Davis, Table Rock, Barton, and Westernport quadrangles (coal fields in Western Maryland); Hancock, Cherry Run, Big Pool quadrangles (Allegheny and Washington Counties); Indian Head and Benedict quadrangles (parts of growth area for Washington, D.C. in Southern Maryland). STATEMAP has also supported production of a digital, slightly revised version of the 1978 USGS New Windsor quadrangle geologic map (a major sinkhole geohazard area) and new mapping of the Earleville and Spesutie quadrangles (a hydrologically sensitive recharge area for aquifers on the northern Eastern Shore).

In FY 04, digital maps of Earleville, Spesutie, and New Windsor will be completed. STATEMAP will fund new mapping and digitization of the Cecilton quadrangle – an extension of the Earleville-Spesutie project – that will help determine the extent of faulting in the area, refine the stratigraphy, and provide baseline data relative to water and mineral resources. STATEMAP will also support the digitization of the Middletown quadrangle geologic map, which was open-filed as a blue-line map in 1994, but is significant in that the area is one of increasing population pressures, as the Middletown Valley is a growing bedroom community for the Washington-Baltimore Metropolitan Area.

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