



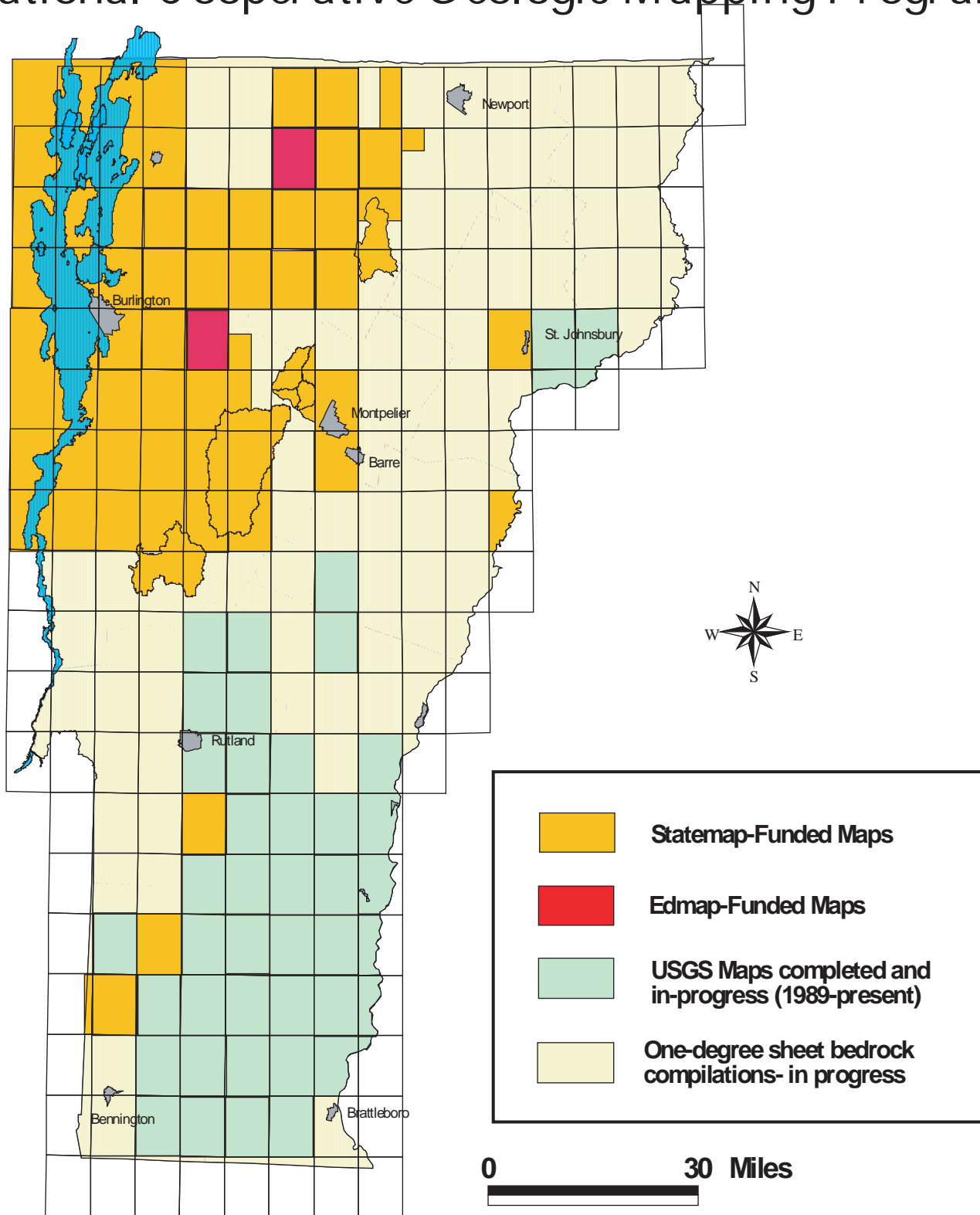
Association of American
State Geologists



United States
Geological Survey



National Cooperative Geologic Mapping Program



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U.S.G.S. Geologic Mapping Program Office
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Federal Fiscal Year	Vermont Project Title - Scale 1:24,000 unless otherwise indicated	State Dollars	Federal Dollars	Total Project Dollars
94-96	First Compilation all Northern Vermont; Digitization Lake Champlain North and South - 1:100,000; Digitization USGS Mapped Quadrangles	\$187,372	\$92,566	\$279,938
97	Mt Mansfield, Eden, Jay Peak, Hazen's Notch, Johnson, and Morrisville Quadrangles - Bedrock Mapping and Digitization	\$54,694	\$45,553	\$100,247
98	Montpelier, Barre West, and St. Johnsbury Quadrangles - Surficial Geology	\$49,522	\$40,592	\$90,114
99	Newbury Quadrangle - Surficial Geology	\$22,262	\$20,768	\$43,030
00	Jeffersonville Quadrangle, Arlington Quadrangle, and Great Brook Watershed - Surficial Geology, Hazard, and Aquifer Maps	\$70,820	\$70,210	\$141,030
01	Third Branch of the White River - Surficial Geology & Hazard Maps; Colchester Quadrangle - Bedrock Geology; Pownal, North Pownal, and Underhill Quadrangles - Digitization	\$132,034	\$117,790	\$249,824
02	Mad River Watershed - Surficial Geology, Hazard Maps Montpelier Quadrangle- Bedrock Geology, Hazard Maps	\$104,430	\$104,430	\$208,960
03	Middlebury Watershed, Wild Branch Watershed, and Manchester Quadrangle - Surficial Geology, Aquifer Recharge, and Hazard Maps; Hinesburg Quadrangle - Bedrock Geology (in progress)	\$81,875	\$81,875	\$163,750
04	Worcester Mtns. Watersheds - Surficial and Bedrock Geology; Wallingford Quadrangle - Surficial Geology (starts June 04)	\$79,099	79,099	\$158,198
TOTAL	Bedrock, Surficial, Hazard, and Aquifer Maps (Years 94-04)	\$782,108	\$652,883	\$1,435,091

The Vermont Geological Survey (VGS - a Division of the Vermont Department of Environmental Conservation) conducts surveys and research of the geology, mineral resources, and topography of the State. For a variety of topics important to society, VGS provides aid and advice to Vermonters. Geologic maps provide the framework for addressing environmental and resource issues. To match state resources, STATEMAP is a valuable cooperative program that expands the effectiveness of the VGS. Current emphasis is on: Mapping the surficial geology on a watershed basis and application of this information to determine the potential for geologic hazards, groundwater resources, infrastructure project siting, ecosystem analysis, highway materials, etc.; Development and preparation of a new State bedrock geologic map as a cooperative venture with USGS and University of Vermont; and the integration of the bedrock, surficial, and fluvial geomorphological data to produce maps and reports that display the nature of physical and chemical geologic hazards (landslides, erosion, earthquakes, and radionuclides) in Vermont. The VGS provides advice concerning the development and working of rock and mineral deposits suitable for building, road making and economic purposes, and review of projects as they relate to Act 250, Vermont's Land Use and Development Law.

February 2004