

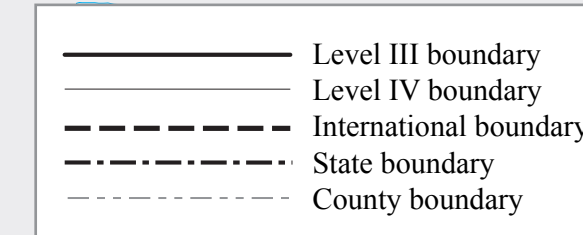
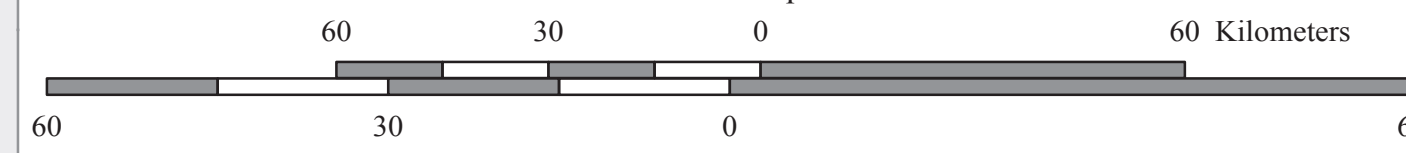
Level III and IV Ecoregions of Michigan

June, 2010

Ecoregions denote areas of general similarity in ecosystems and in the type, quality, and quantity of environmental resources. They are designed to serve as a spatial framework for the research, assessment, management, and monitoring of ecosystems and ecosystem components. These general purpose regions are critical for structuring and implementing ecosystem management strategies across federal agencies, state agencies, and non-governmental organizations that are responsible for different types of resources within the same geographical areas. The approach used to compile this map is based on the premise that ecological regions can be identified through the analysis of patterns of biotic and abiotic phenomena, including geology, physiography, vegetation, climate, soils, land use, wildlife, and hydrology. The relative importance of each characteristic varies from one ecological region to another regardless of the hierarchical level. The Ecoregions of Michigan map was compiled at a scale of 1:250,000, as part of the US EPA framework of ecological regions. Although there have been differences in conceptual approaches and mapping methodologies used by the USDA-Forest Service, USDA-NRCS, and US EPA to develop the most common ecoregion-type frameworks, collaboration on refinement of these frameworks is a step toward attaining consensus and consistency in ecoregion frameworks for the entire nation. Comments regarding this map should be addressed to James Omernik, U.S. Geological Survey, 200 SW 35th Street, Corvallis, OR 97333, (541) 754-4458, omernik.james@epa.gov; or Sandy Bryce, Dynamac Corp., c/o US EPA, 200 SW 35th Street, Corvallis, OR 97333, (541) 754-4788, bryce.sandy@epa.gov.

Scale 1:1,000,000

NAD 1983 Albers Equal Area Conic



- 50 Northern Lakes and Forests**
 - 50a Lake Superior Clay Plain
 - 50d Superior Mineral Ranges
 - 50i Northern Wisconsin Highlands Lakes Country
 - 50j Brule and Paint River Drumlins
 - 50k Wisconsin/Michigan Pine Barrens
 - 50l Menominee Drumlins and Ground Moraine
 - 50u Keweenaw-Baraga Moraines
 - 50v Winegar Dead Ice Moraine
 - 50w Michigamme Highland
 - 50x Grand Marais Lakeshore
 - 50y Seney-Tahquamenon Sand Plain
 - 50z Rudyard Clay Plain
 - 50aa Menominee-Drummond Lakeshore
 - 50ab Cheboygan Lake Plain
 - 50ac Onaway Moraines
 - 50ad Vanderbilt Moraines
 - 50ae Mio Plateau
 - 50af Cadillac Hummocky Moraines
 - 50ag Newaygo Barrens
 - 50ah Tawas Lake Plain
- 51 North Central Hardwood Forests**
 - 51m Manistee-Leelanau Shore
 - 51n Platte River Outwash
- 55 Eastern Corn Belt Plains**
 - 55a Clayey High Lime Till Plains
- 56 Southern Michigan/Northern Indiana Drift Plains**
 - 56b Battle Creek/Elkhart Outwash Plain
 - 56d Michigan Lake Plain
 - 56f Lake Michigan Moraines
 - 56g Lansing Loamy Plain
 - 56h Interlobate Dead Ice Moraines
- 57 Huron/Erie Lake Plains**
 - 57a Maumee Lake Plain
 - 57b Oak Openings
 - 57c Saginaw Lake Plain

