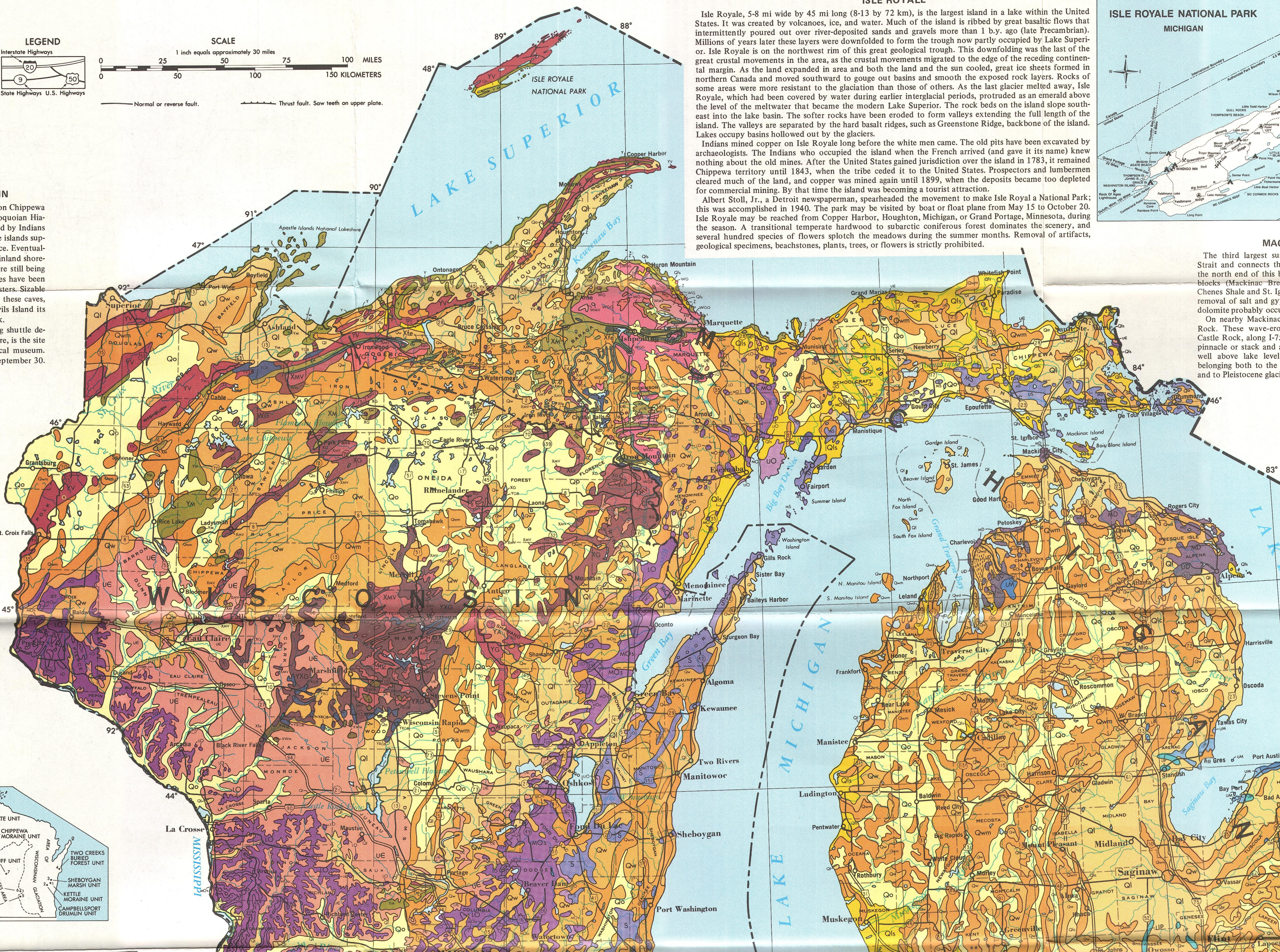


APOSTLE ISLANDS NATIONAL LAKESHORE, WISCONSIN. This is the traditional home of Longfellow's Hiawatha... The islands are still wild and beautiful, although they were long inhabited by Indians and later by fishermen, lumbermen, and quarrymen.

ICE AGE NATIONAL SCIENTIFIC RESERVE

The Reserve is in the National Park System but administered by the Wisconsin Department of Natural Resources and is designed to preserve the surviving glacial landforms... It consists of nine units throughout Wisconsin.

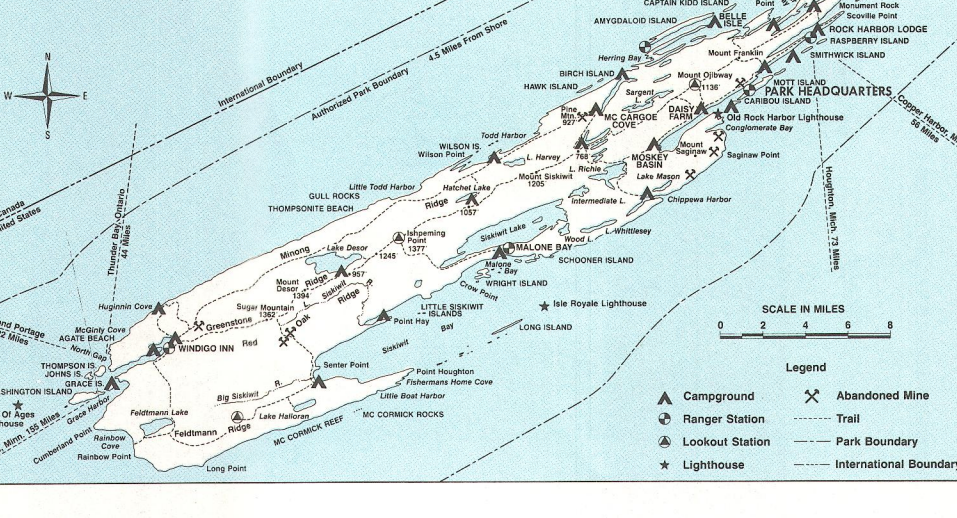
- 1. Kettle Moraine State Forest, about 17 mi (27.4 km) SE of Fond du Lac on SR47 off US54. The moraine was formed as the Green Bay and Michigan lobes of the glacier came together...
- 2. Campfoot Drumlin Unit, 6 mi (9.6 km) W of Kettle Moraine off SR67, is dotted with drumlins, which are elongated, rounded hills shaped by glacial movement.



ISLE ROYALE

Isle Royale, 5.8 mi wide by 45 mi long (9.3 by 72 km), is the largest island in a lake within the United States. It was created by volcanoes, ice, and water. Much of the island is ribbed by great basaltic flows that extruded from north to south over a period of 1.8 my.

ISLE ROYALE NATIONAL PARK

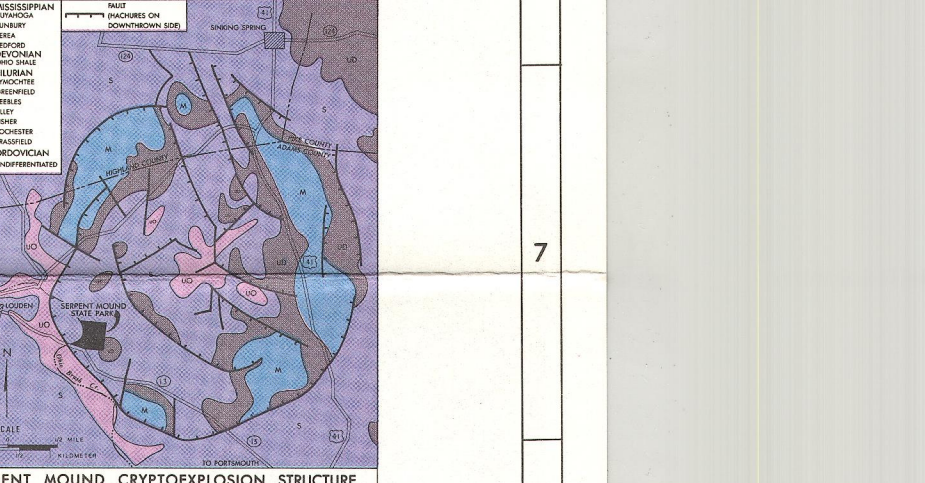


The third largest suspension bridge in the U.S., spans scenic Mackinac Strait in Michigan. The bridge, known as the 'Concrete' Lake St. Ignace-Polmer 'Arch' bridge, carries U.S. Highway 24 across the water.

LADDER OF TIME AND LIFE GREAT LAKES AND WORLD. A detailed stratigraphic column showing geological periods and corresponding life forms.

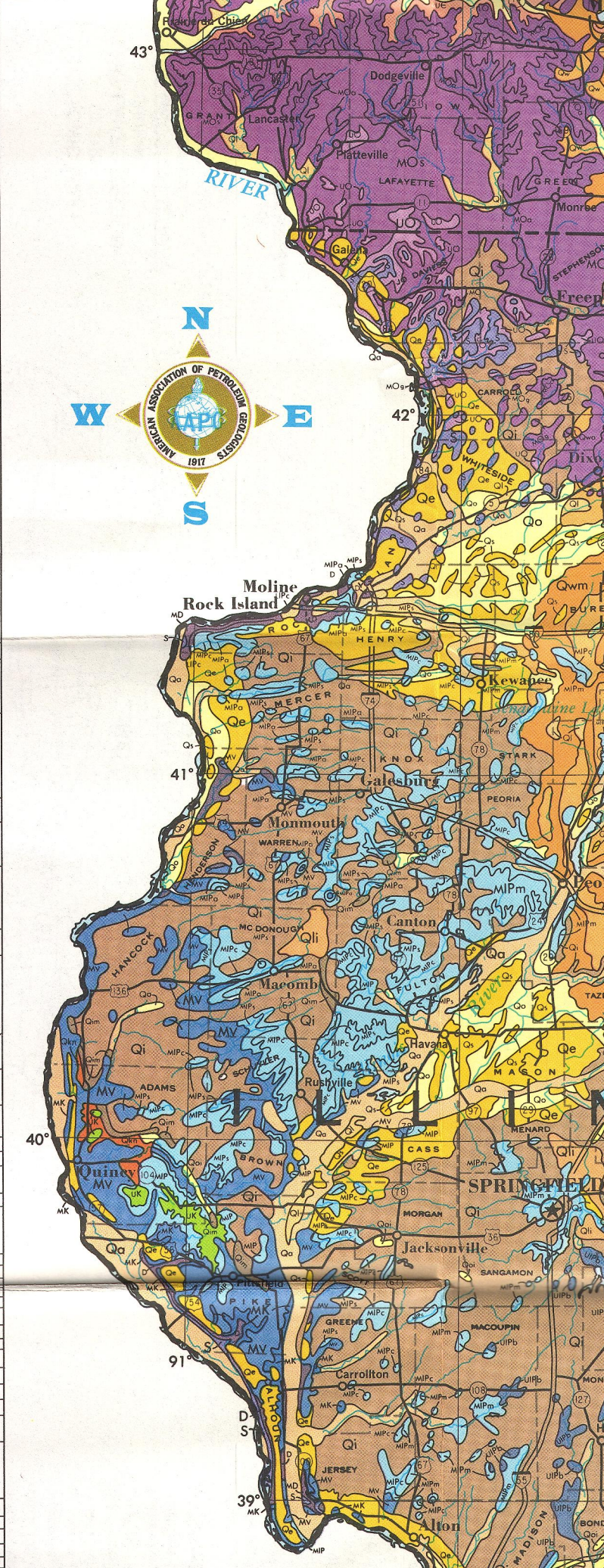
SERPENT MOUND STATE MEMORIAL

The Great Serpent Mound, 4 mi (6.4 km) NW of Lountown Grove in Adams County, Ohio, is an effigy of a serpent constructed 1,500 to 2,000 years ago by prehistoric Indians. It is 13 mi (20.9 km) long and 3 to 4 ft (0.9 to 1.2 m) high.



GENERALIZED CHART OF SURFACE TIME AND ROCK UNITS NORTHERN GREAT LAKES REGION. Stratigraphic column for Wisconsin and Michigan.

GENERALIZED CHART OF SURFACE TIME AND ROCK UNITS SOUTHERN GREAT LAKES REGION. Stratigraphic column for Illinois, Indiana, and Ohio.



THE GREAT LAKES REGION - A WINDOW INTO THE PAST

About 4 eons (4 billion years) ago the rain of meteorites that gave the earth its fiery birth and its substance dwindled to occasional showers, and the cooling, steamy atmosphere precipitated to form large bodies of water. Within the cooling crust and mantle, heat from dissipating radioactive minerals, and also from gravitational differentiation, melted extensive rock masses which led to volcanic eruptions onto the surface and to release of more water, carbon dioxide, nitrogen, sulfur, and carbon dioxide to the air.

In the Precambrian Z period, the latest Precambrian, a thin, almost hair-thin sheet of sandstone and shale was deposited upon the eroded edges of the older rocks. The continent was gradually expanding and its present dimensions. During the approximately 200 my. of Precambrian time, a most remarkable transformation of marine life occurred. Decreasing oceanic temperature and the increased atmospheric oxygen enabled life to become more multicellular, more diversified, and more mobile.

The Permian life zone reverts to the lower Paleozoic life zone. The Permian life zone reverts to the lower Paleozoic life zone. The Permian life zone reverts to the lower Paleozoic life zone.

USE OF COLOR AND SYMBOL CODES. A detailed legend explaining the symbols and colors used in the geological maps.

The largest map on this page is in a generalized fashion the age and pattern of the surface topography upon which we drive, build, and live. Various colors and symbols are used to identify rocks of different ages and types.

Geological Highway Map of the Great Lakes Region. Includes a map of the region, a table of highway routes, and contact information for the American Association of Petroleum Geologists.