

An Index to topographic and other Map Coverage and its companion Catalog of topographic and other published Maps is available for each State.

Standard land use and land cover maps at 1:250,000 or 1:100,000 scale are available for the entire United States. These maps depict the 9 level and 37 Level II USGS categories of data. Five associated overlays show political units, hydrologic units, Census county subdivisions, and Federal land ownership and state land ownership overlays for a limited number of states. Associated maps are made available in the form of diazo or photographic prints or film copies. Most of these products have to be ordered.

An orthophotoquad portrays planimetric data by photoimage, but does not contain contours and has little or no symbolization or lettering within the mapped area. Most orthophotoquads are prepared in monochrome from black-and-white film, and are made available, upon request, in the form of diazo or photographic prints. There are a limited number printed in color, and available as published maps. Most of these products have to be ordered.

An Orthophotomap is a multicolor orthophotograph having extensive cartographic treatment including contours, lettering, and some symbols. Where conventional topographic line maps are ineffective in portraying terrain features, colored orthophotomaps accentuate subtle detail. For some areas—predominately marshlands and coastal zones—the orthophotomap is the standard 1:24,000 scale map.

A topographic-bathymetric map provides topographic and planimetric detail of the land areas and bathymetric metric contours and depth gradients in the coastal water areas. These maps, covering selected coastal zone areas, are cooperatively produced by the U. S. Geological Survey and the National Ocean Survey at scales of 1:24,000, 1:100,000, and 1:250,000. Off-shore protraction survey data compiled by the Bureau of Land Management are shown on 1:100,000- and 1:250,000-scale maps.

State-format maps are generally available in three editions—base, topographic, and shaded relief—usually at a scale of 1:500,000. Some state base maps are also available at 1:750,000 and 1:1,000,000. The maps show urban areas, major communication routes, hydrographic features, and political boundaries.

Produced at 1:50,000 or 1:100,000 scale, county maps show selected natural and cultural features. At the present time, county maps are available for a limited number of areas.

Special-purpose maps are usually derived from standard topographic maps. These include maps of specific cultural or geographic regions, satellite image maps, shaded relief maps, metropolitan area maps, and sets of maps illustrating special physiographic features.

There are several different U.S. Maps available in a variety of formats and scales. For this information see the matrix on "United States Maps."

Maps of national parks, battlefields, and historic sites are prepared at various scales from standard topographic maps. Many are available with shaded-relief overprint which gives a three dimensional impression of the terrain.

Separate sheets of selected thematic and general reference National Atlas maps are available. The content ranges from physiographic information to environmental and population trends. A set of maps (also available singly) covers the United States in 21 sections at 1:2,000,000 scale.

The U.S. Geological Survey has available a pamphlet titled "Topographic Maps", which includes symbols, to assist map users in selecting the kind and scale of map best suited to their needs. This pamphlet can be obtained without cost from Map Distribution, U.S. Geological Survey.

The U.S. Geological Survey has available a pamphlet titled "Topographic Maps", which includes symbols, to assist map users in selecting the kind and scale of map best suited to their needs. This pamphlet can be obtained without cost from Map Distribution, U.S. Geological Survey.



Standard quadrangle maps cover systematically subdivided areas of latitude and longitude, and are published at various scales depending on the size of the area mapped

Standard quadrangle formats range from 7.5×7.5 minutes to 15×15 minutes

Standard quadrangle map scales range from 1:24,000 (one inch on the map represents 2000 feet on the ground) to 1:250,000 (one inch on the map represents approximately 4 miles on the ground)

Other quadrangle maps are published at scales of 1:20,000 (Puerto Rico) to 1:63,360 (Alaska)

Maps), and 1:500,000 (State Base Maps)

MAP SERIES COMPARISON

64-7.5 × 15 minute maps
32-15 minute maps
4-30 × 60 minute maps
1-1 × 2 degree map

The amount of detail shown on a map is proportionate to the scale of the map; the larger the map scale, the more detail that is shown. For example, individual houses are shown on 1:24,000-scale 7.5-minute maps, whereas only landmark buildings are shown on 1:100,000-scale 30 × 60 minute maps.

Map scale ¹	1:24,000
Map to ground ratio	1 inch represents 2000 feet
Area covered	49-71 square miles
Paper size (approx.)	22" x 27"
Contours and elevations ²	shown in feet

7.5×15 MINUTE SERIES

Map scale	1:25,000
Map to ground ratio	1 inch represents 2083 feet
Area covered	100–140 square miles
Paper size (approx.)	24"×40"
Contours and elevations ²	shown in feet

Map scale ¹	1:62,500
Map to ground ratio .. 1 inch represents about 1 mile	
Area covered	197-282 square miles
Paper size (approx.)	18" x 22"
Contours and elevations ²	shown in feet

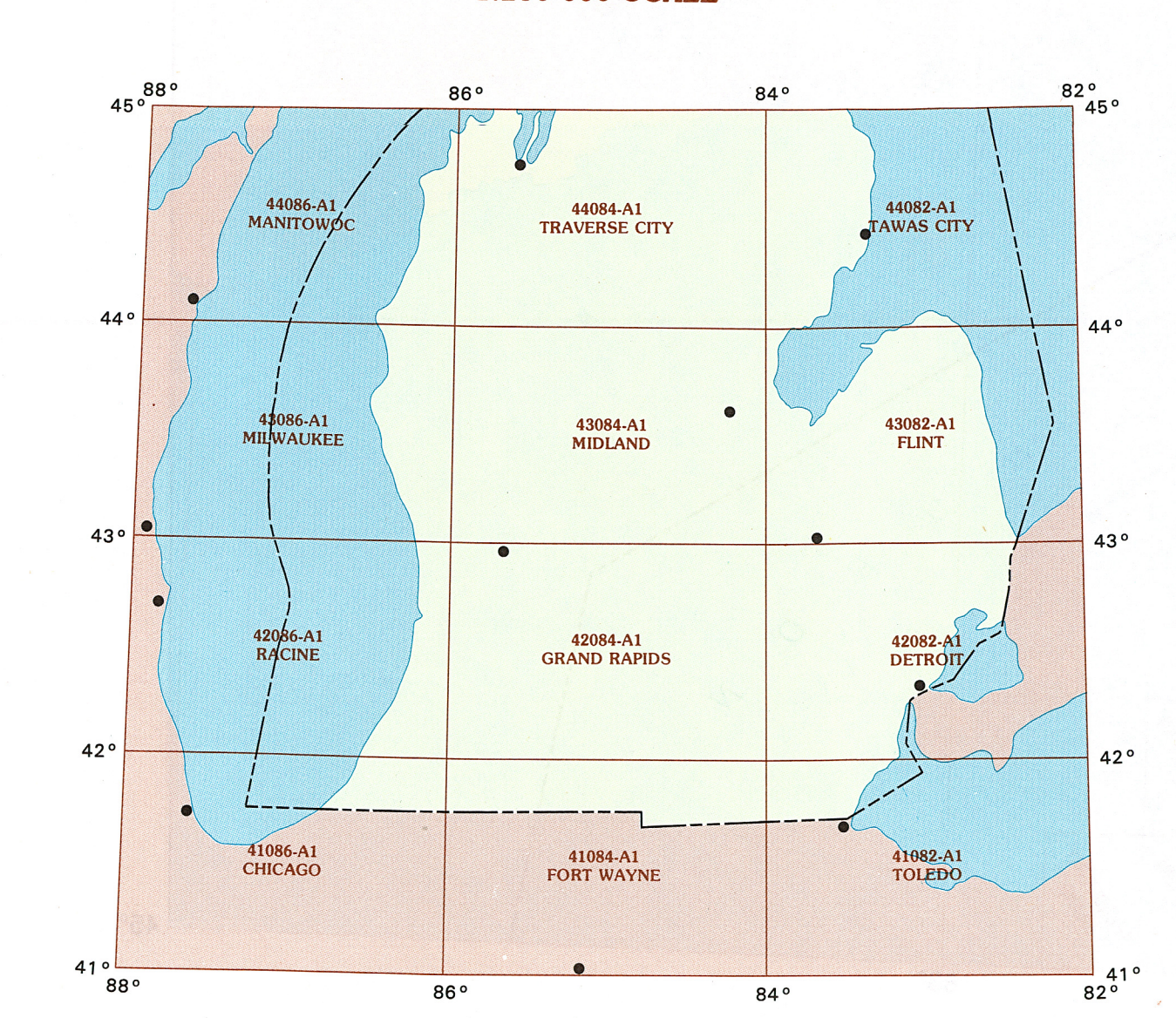
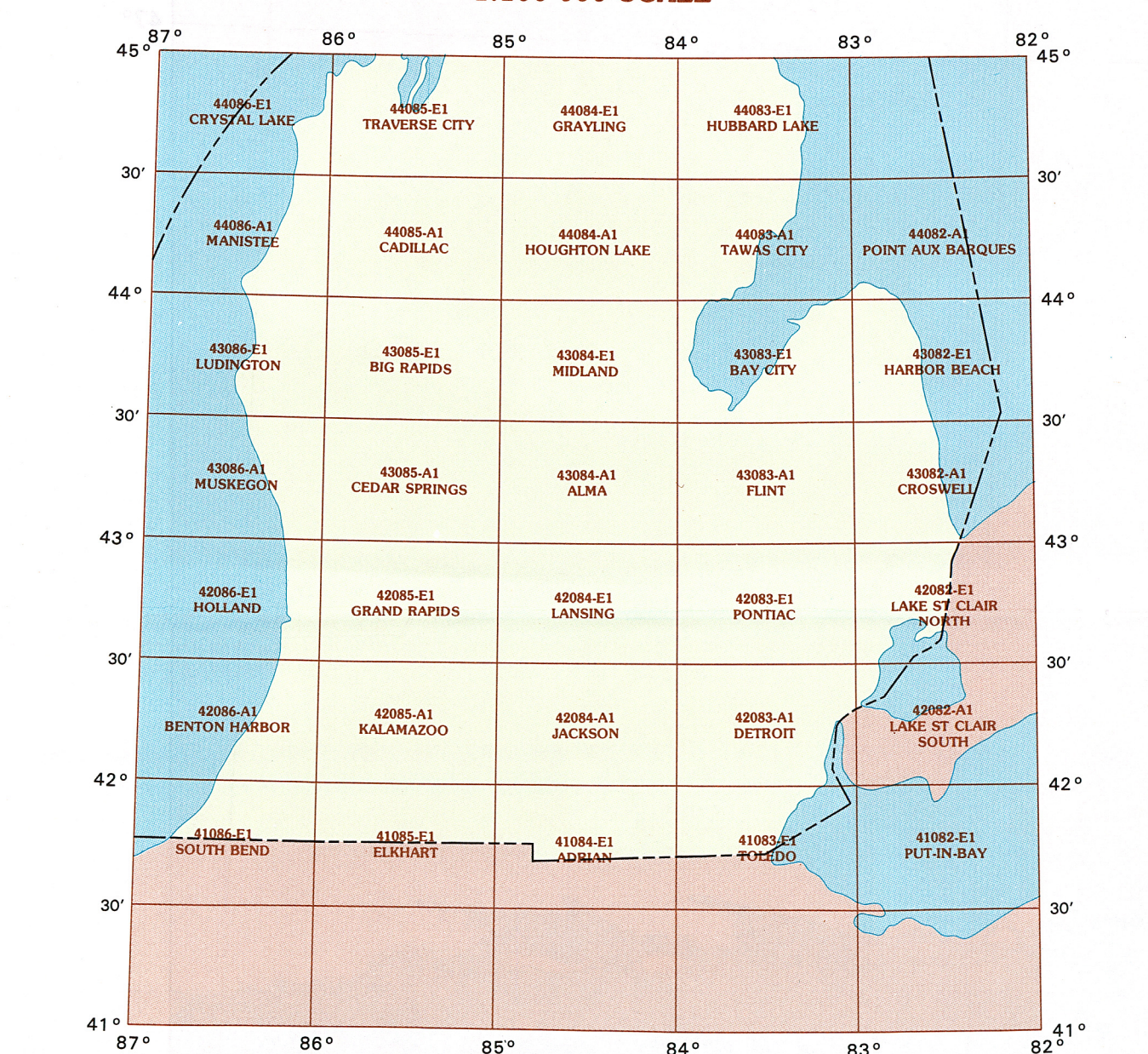
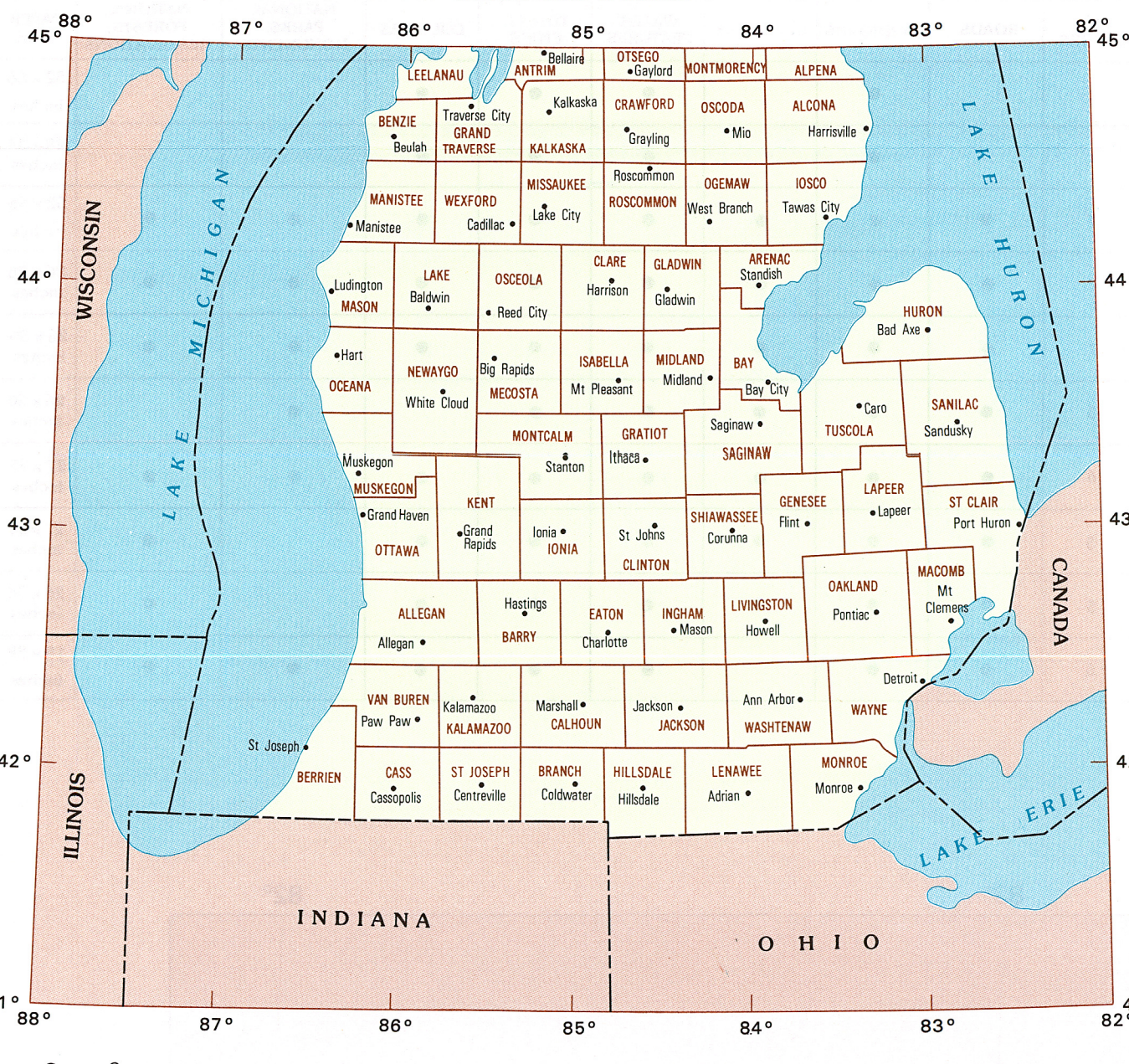
30 x 60 MINUTE SERIES

Map scale	1:100,000
Map to ground ratio	1 inch represents 1.6 miles
Area covered	1578-2167 square miles
Range also (approx.)	000-1,440

1 × 2 DEGREE SERIES

Map scale	1:250,000
Map to ground ratio, 1 inch represents about 4 miles	
Area covered	4580–8669 square miles
Paper size (approx.)	22" × 32"
Contours and elevations ²	shown in feet

¹1:25,000 scale on selected maps



Refer to the companion *Catalog of topographic and other Published Maps* for names, dates and prices of maps currently available.

Published maps listed in the catalog may be purchased by mail or in person by contacting:

- **Commercial Map Dealers** listed in the companion *Catalog of Published Maps*
- **Map distribution**
USGS Map Sales
Box 35286, Federal Center, Bldg. 810
Denver, Colorado 80225

Open file maps and map products listed in the catalog may be purchased by mail or in person by contacting:

Rolls FSC
U.S. Geological Survey
1400 Independence Road
Rolla, Missouri 65401

Order forms and instructions are contained in the catalog. When ordering maps from the USGS by mail, prepayment is required. Rentance payable to Department of the Interior - U.S.G.S.

This index is designed to inform map users of the maps and map byproducts produced and distributed by the National Map Accuracy Council, and to assist users in selecting and purchasing a map of a particular area. The index lists the quadrangle areas by map name and scale. A map is prominent city, town or natural landmark shown on it.

MICHIGAN

Index to
topographic and other
MAP COVERAGE

