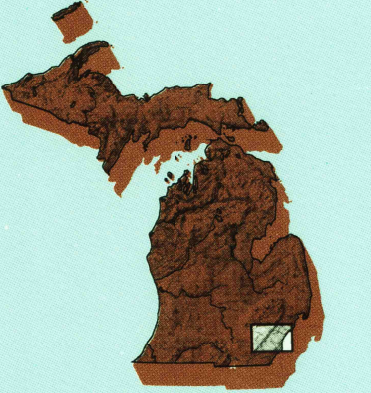


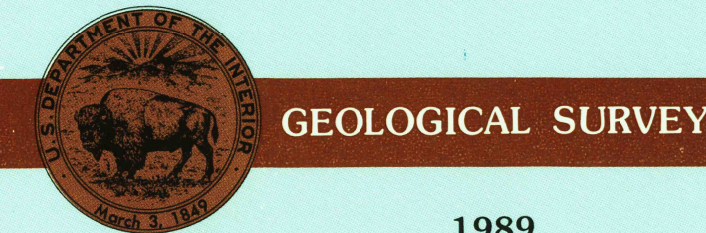
# Detroit

## MICHIGAN-ONTARIO

1:100 000-scale metric topographic map



- 30 X 60 MINUTE QUADRANGLE SHOWING
- Contours and elevations in meters
  - Highways, roads and other manmade structures
  - Water features
  - Woodland areas
  - Geographic names



Produced by the United States Geological Survey  
 Compiled from USGS 1:24 000-scale topographic maps dated 1964-1981. Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Canadian portion copied from Department of Energy, Mines, and Resources 1:50 000-scale topographic maps dated 1986. Map edited 1989.  
 Projection and 10 000-meter grid, zone 17, Universal Transverse Mercator  
 25 000-foot grid ticks based on Michigan coordinate system, south zone  
 1927 North American Datum  
 To place on the predicted North American datum 1983, move the projection lines 6 meters west  
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

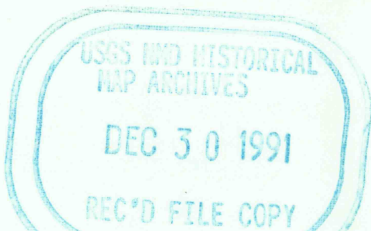
CONTOUR INTERVAL 10 METERS  
 SUPPLEMENTARY CONTOUR INTERVAL 5 METERS IN U. S.  
 AUXILIARY CONTOUR INTERVAL 5 METERS IN CANADA  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 ELEVATIONS SHOWN TO THE NEAREST METERS

THE U. S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet	DECLINATION DIAGRAM	ADJOINING MAPS
1	3.2808		1 Lansing
2	6.5617		2 Pontiac
3	9.8425		3 Lake St. Clair North
4	13.1234		4 Jackson
5	16.4042		5 Lake St. Clair South
6	19.6850		6 Adams
7	22.9659		7 Toledo
8	26.2467		8 Pelee-Isle
9	29.5276		
10	32.8084		

To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048  
 UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map  
 Diagram is approximate

FOR SALE BY U. S. GEOLOGICAL SURVEY  
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092



### Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Route marker: Interstate, U.S., State
- Railroad: standard gauge, narrow gauge
- Bridge: overpass, underpass
- Tunnel: road, railroad
- Ball up area, locality, elevation
- Aviation: landing field, landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U.S. public lands survey: range, township, section
- Range, township, section line: projected
- Power transmission line, pipeline
- Dam: dam with lock
- Cemetery, building
- Windmill, water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Campground, picnic area, U.S. location monument
- Ruin, cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake, perennial, intermittent
- Rapids, large and small, falls, large and small
- Area to be submerged, marsh, swamps
- Land subject to controlled inundation, woodland
- Scrub, mangrove
- Orchard, vineyard

A pamphlet describing topographic maps is available on request