

LAKE ST. CLAIR SOUTH, MICHIGAN—ONTARIO

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

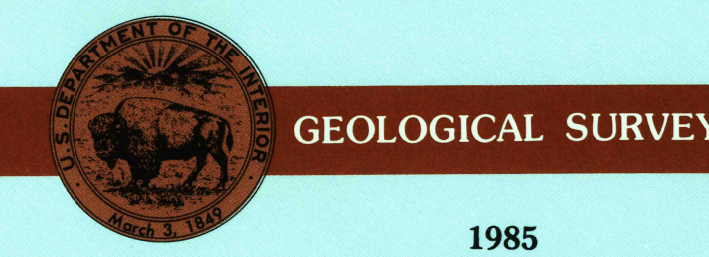
Lake St. Clair South MICHIGAN—ONTARIO

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 1968-1983. Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1985. Canadian portion copied from Department of Energy, Mines and Resources 1:50 000-scale topographic maps dated 1986

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 9 meters west
 There may be private inholdings within the boundaries of the National or State reservations shown on this map
 Map photoinspected using 1988 photographs
 No major culture or drainage changes found

CONTOUR INTERVAL 10 METERS IN UNITED STATES
 CONTOUR INTERVAL 5 METERS IN CANADA
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO THE NEAREST METER
 THE U.S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Magnetic declination diagram showing magnetic north (MN) and true north (GN) with a 55' difference.		1	2	3
1	3.2808			4	5	
2	6.5617			6	7	8
3	9.8425			1 Pointe		
4	13.1234			2 Lake St. Clair North		
5	16.4042			3 Detroit		
6	19.6850			4 Windsor		
7	22.9659			5 Toledo		
8	26.2467			6 Port Huron		
9	29.5275			7 Port St. Joseph		
10	32.8084			8 Cleveland North		

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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
- Built up area, locality, elevation
- Airport: 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: protracted
- 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, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

