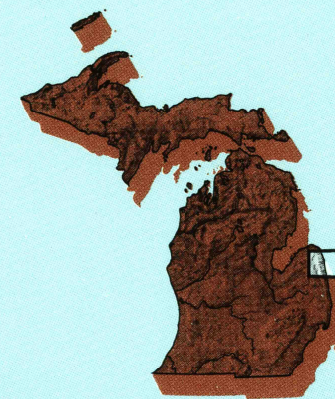


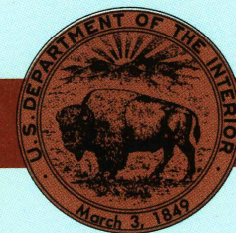
Harbor Beach

MICHIGAN-ONTARIO

**1:100 000-scale *metric*
topographic map**



- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



1984
PHOTOINSPECTED 1988

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1963-1970. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1984

Projection and 10 000-meter grid, zone 17,
Universal Transverse Mercator
25 000-foot grid ticks based on Michigan coordinate
system, south zone
1983 North American Datum

To place on the predicted North American Datum 1983, move the projection lines 1 meter north and 9 meters west

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Map photoinspected using 1987 and 1988 photographs

No major culture or drainage changes found

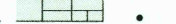
CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS:

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet			1	2
1	3.2808			4	3
2	6.5617				5
3	9.8425				
4	13.1232				
5	16.4040				
6	19.6850			6	7
7	22.9658				
8	26.2467				
9	29.5276				
10	32.8084				
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN and 1984 magnetic declination) (M) at center of map Diagram is approximate		1 Taiwan City 2 Pointe aux Barques 3 Bay City 4 5 Flint 7 Crowell 8	
To convert feet to meters multiply by 0.3048					

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 gage; narrow gage	
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 wheel; spring	
Mine shaft; oil or gas; mine, quarry; gravel pit	
Campground; picnic area; U.S. location monument	
Ruins; cliff dwelling	
Disturbed soil: strip mine, lava, sand	
Contours: index; intermediate; supplementary	
Stream, lake; contour: index; intermediate	
Bay, lake; perennial; intermittent	
Rapids, large and small; falls, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Sorb; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request.

JAN 1992

1984
PHOTOINSPECTED 1988

HARBOR BEACH, MICH.-ONT.
43082-E1-TM-100

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

HARBOR BEACH, MICH.-ONT.

SCALE 1:100 000

ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 10 METERS

• INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—129