

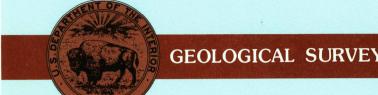
43082-E1-TM-100 **Harbor Beach** MICHIGAN-ONTARIO

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



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

1927 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

Meters	Feet	MN	1	2	3
1 2	3.2808 6.5617	GN	4		5
4 5	9.8425 13.1234 16.4042	6° 107 MILS 1°02′	6	7	8
6 7 8	19.6850 22.9659 26.2467	18 MILS	1 Tawas City		
9 10	29.5276 32.8084			nte aux B	arque
To convert meters to feet multiply by 3.2808 To convert feet to meters multiply by 0.3048		UTM grid convergence (GN) and 1984 magnetic declination (MN) at center of map Diagram is approximate	5 6 Flin 7 Cro	5 6 Flint	

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

Topographic Map Symbols

rimary highway, hard surface	
econdary highway, hard surface	
ight duty road, principal street, hard or improved surface \dots	
ther road or street; trail	Terresconding and the same part and the
oute marker: Interstate; U.S.; State	
ailroad: standard gage; narrow gage	
ridge; overpass; underpass	
unnel: road; railroad	
uilt up area; locality; elevation	• 155
irport; landing field; landing strip	
lational boundary	
tate boundary	
ounty boundary	
lational or State reservation boundary	
and grant boundary	
.S. public lands survey: range, township; section	
lange, township; section line: protracted	
ower transmission line; pipeline	
am; dam with lock	
emetery; building	
Vindmill; water well; spring	ð
Nine shaft; adit or cave; mine, quarry; gravel pit	□
ampground; picnic area; U.S. location monument	<u>*</u>
uins; cliff dwelling	
listorted surface: strip mine, lava; sand	******
ontours: index; intermediate; supplementary	
athymetric contours: index; intermediate	$\overline{}$
tream, lake: perennial; intermittent	
apids, large and small; falls, large and small	
rea to be submerged; marsh, swamp	IL Alto
and subject to controlled inundation; woodland	Alless Section School (Section Section
crub; mangrove	K. W. W. W.

PHOTOINSPECTED 1988