

Ontonagon MICHIGAN

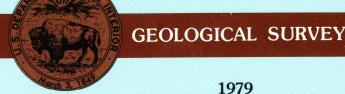
1:100 000-scale metric topographic map



46089-E1-TM-100

30 X 60 MINUTE QUADRANGLE SHOWING

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



PHOTOINSPECTED 1988

Produced by the United States Geological Survey Compiled from USGS 1:24 000 and 1:25 000-scale topographic maps dated 1956-1982. Planimetry revised from aerial photographs taken 1975 and other source data. Revised information not field checked. Map edited 1979

Projection and 10 000-meter grid, zone 16 Universal Transverse Mercator 25 000-foot grid ticks based on Michigan coordinate system, north zone 1927 North American Datum To place on the predicted North American Datum 1983, move the projection lines 6 meters north and 9 meters east

There may be private inholdings within the boundaries of the National or State reservations shown on this map CONTOUR INTERVAL 10 METERS NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Map photoinspected using 1986 and 1988 photographs

No major culture or drainage changes found

1 3.2808	MN		2	
2 6.5617	GN	4		
3 9.8425				-
4 13.1234	11/20	6	7	
5 16.4042 6 19.6850	1°49' \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-		
	32 MILS			
7 22.9659	32 WILS		1.1	
8 26.2467	W	1 Ou	ıter İslan	d
9 29.5276	l l	2		
10 32.8084	1   V	3 Ha	ncock	
convert meters to fee altiply by 3.2808	t UTM grid convergence (GN) and 1979 magnetic declination (MN)	5 L'A	hland Anse onwood	
	at center of map	7 W	akefield	
	(GN) and 1979 magnetic declination (MN)	5 L'A 6 Iro	Anse onwood	

FOR SALE BY U.S. GEOLOGICAL SURVEY

## Topographic Map Symbols

rimary highway, hard surface					
econdary highway, hard surface					
ght duty road, principal street, hard or improved surface					
ther road or street; trail					
oute marker: Interstate; U.S.; State					
ailroad: standard gage; narrow gage					
ridge; overpass; underpass	<del>}                                    </del>				
unnel: road; railroad	$\rightarrow$ $\leftarrow$ $\rightarrow$ $\leftarrow$				
uilt up area; locality; elevation	• 155				
irport; landing field; landing strip	<del>_</del>				
ational boundary					
tate boundary					
ounty boundary					
ational or State reservation boundary					
and grant boundary					
.S. public lands survey: range, township; section					
ange, township; section line: protracted					
ower transmission line; pipeline					
am; dam with lock					
emetery; building					
Vindmill; water well; spring	₹ 0 ~				
fine shaft; adit or cave; mine, quarry; gravel pit	<b>2</b> ≻ X				
ampground; picnic area; U.S. location monument	<u>*</u>				
uins; cliff dwelling					
istorted surface: strip mine, lava; sand					
ontours: index; intermediate; supplementary					
athymetric contours: index; intermediate					
tream, lake: perennial; intermittent					
apids, large and small; falls, large and small					
rea to be submerged; marsh, swamp	the siles or				
and subject to controlled inundation; woodland	The state party from the state one.  The state party from the state one.  The state party from the state one.				
crub; mangrove	HEREN KENNER				
rchard; vineyard	0000000 institute in the				
A pamphlet describing topographic maps is available on request					