

Marquette MICHIGAN

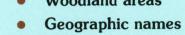
1:100 000-scale metric topographic map

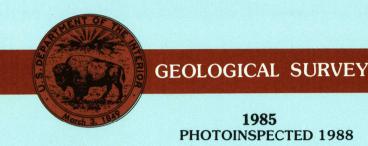


46087-E1-TM-10

30 X 60 MINUTE QUADRANGLE SHOWING

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





Produced by the United States Geological Survey Compiled from USGS 1:24 000-scale topographic maps dated 1953-1985. Planimetry revised from aerial photographs

taken 1981 and other source data. Revised information not field checked. Map edited 1985 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 7 meters north and 7 meters east There may be private inholdings within the boundaries of the National or State reservations shown on this map Map photoinspected using 1986 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

FOR SALE BY U.S. GEOLOGICAL SURVEY P.O. BOX 25286, DENVER, COLORADO 80225

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS		
Meters	Feet	*	1	2	3
1	3.2808	MN.			-
2	6.5617	1 GN	4		5
3	9.8425				
4	13.1234	2°	6	7	8
5	16.4042	36 MILS 0°22′ 7 MILS			
6	19.6850				
7	22.9659	/ WILS			
8	26.2467		l Ha	ncock	
9	29.5276		2 Co	pper Ha	rbor
10	32.8084		3		
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1985 magnetic	4 L'Anse 5 Au Sable Point		
		declination (MN)	6 Iro	n River	
o convert fe	et to meters	at center of map	7 Gw	inn	
multiply by 0		Diagram is approximate	8 Mu	nising	
indicapity by 0	.0010	Diagram is approximate	Jina	monig	



JAN 3 1 2000

USGS NMD HISTORICALMAP ARCHIVES

PHOTOINSPECTED 1988

Topographic Map Symbols

lopographic Map	Symbols
Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface	
	~ ~ ~
	-
	$\xrightarrow{\hspace*{1cm}} \xrightarrow{\hspace*{1cm}} \xrightarrow{\hspace*{1cm}$
	• 155
	_
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	
	\$200 B
•	///
•	~
	D+ D+
	<u>n</u> all _ all
	An earth seal to the seal of t
•	TENNE THE TENNE
Orchard; vineyard	
	Light duty road, principal street, hard or improved surface Cother road or street; trail

