

MARQUETTE, MICHIGAN

30 X 60 MINUTE SERIES (TOPOGRAPHIC)  
1:875 000 FEET



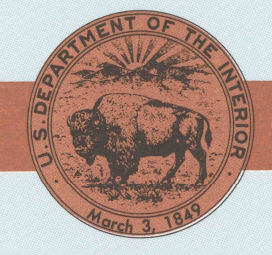
Marquette MICHIGAN

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



GEOLOGICAL SURVEY

1985 PHOTOINSPECTED 1988

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

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

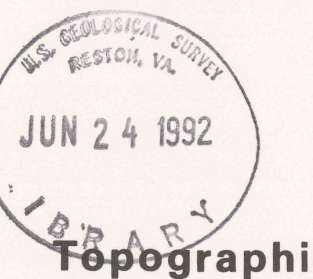
CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS
Meters	Feet		1 2 3
1	3.2808		4 5
2	6.5617		6 7 8
3	9.8425		
4	13.1234		
5	16.4042		
6	19.6850		
7	22.9659		
8	26.2467		
9	29.5275		
10	32.8084		

To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map  
 Diagram is approximate

1 Hancock  
 2 Copper Harbor  
 3  
 4 L'Anse  
 5 Au Sable Point  
 6 Iron River  
 7 Gwinn  
 8 Munising

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 well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U.S. location monument
- Ruins; cliff dwelling
- Disturbed surface: stony 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
- Soak; mangrove
- Orchard; vineyard



A pamphlet describing topographic maps is available on request

U.S. Topo. 1:100,000 sheet Marquette, MI e.1