

Tawas City MICHIGAN

44083-A1-TM-100

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

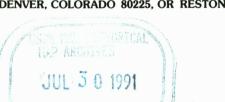
Produced by the United States Geological Survey Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1959-1976. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1984 Projection and 10 000-meter grid, zone 17, Universal Transverse Mercator 25 000-foot grid ticks based on Michigan coordinate system, central and south zones 1927 North American Datum To place on the predicted North American Datum 1983, move the projection lines 1 meter north and 5 meters west There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS SUPPLEMENTARY CONTOUR INTERVAL 5 METERS NATIONAL GEODETIC VERTICAL DATUM OF 1929 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet	*	1	2	3
1	3.2808	MN			
2	6.5617	1 GN	4		5
3	9.8425				-
4	13.1234	51/2°	6	7	8
5	16.4042	98 MILS 1°45′			
6	19.6850	31 MILS			
7	22.9659	ST WILES			
8	26.2467	\ \ \ \		ayling	
9	29.5276	! W	2 Hu	bbard Lak	e
10	32.8084		3		
To convert meters to feet multiply by 3.2808 To convert feet to meters		UTM grid convergence (GN) and 1984 magnetic declination (MN)	4 Houghton Lake 5 Pointe Aux Barque 6 Midland 7 Bay City 8 Harbor Beach		

FOR SALE BY U.S. GEOLOGICAL SURVEY



Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface \ldots	
Other road or street; trail	MANUFACTURE CONTRACTOR STATE STATE STATE STATE STATE
Route marker: Interstate; U.S.; State	
Railroad: standard gage; narrow gage	
Bridge; overpass; underpass	
Tunnel: road; railroad	
Built up area; locality; elevation	• 155
Airport; landing field; landing strip	_
National boundary	
State boundary	
County boundary	
National or State reservation boundary	- · ·
Land grant boundary	manus 1 a manuscriptor i i internationali i promoti
U.S. public lands survey: range, township; section	
Range, township; section line: protracted	
Power transmission line; pipeline	Insurance and In
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	ĭ
Ruins; cliff dwelling	
Distorted surface: strip mine, lava; sand	SWARE W
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	Alle de
	The same of the same of the same of

