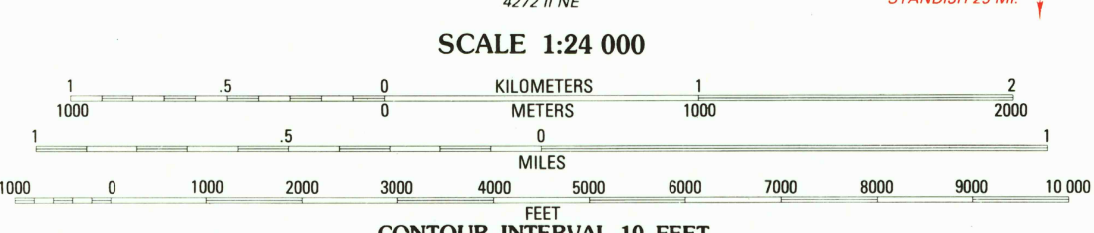
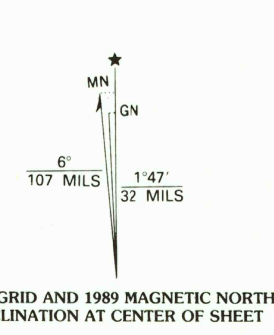


Produced by the United States Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs taken 1958. Revised from aerial photographs taken 1983  
Field checked 1988. Map edited 1989  
Selected hydrographic data compiled from NOS chart 14864 (1986)  
This information is not intended for navigational purposes  
Projection and 10,000-foot grid ticks: Michigan coordinate system, central zone (Lambert conformal conic)  
1,000-meter Universal Transverse Mercator grid, zone 17  
1927 North American Datum  
To place on the predicted North American Datum 1983, move the projection lines 1 meter north and 5 meters west as shown by dashed corner ticks  
There may be private inholdings within the boundaries of the National or State reservations shown on this map  
Gray tint indicates areas in which only landmark buildings are shown  
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked



ROAD CLASSIFICATION

Primary highway, light-duty road, hard or hard surface  
Secondary highway, improved surface  
hard surface  
Unimproved road  
Interstate Route  
U. S. Route  
State Route



CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES AND SOUNDINGS IN FEET  
REFERENCE LEVEL 578.5 FEET INTERNATIONAL GREAT LAKES DATUM  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND GEOLOGICAL SURVEY DIVISION  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

TAWAS CITY, MICH.  
SE 4 TAWAS CITY 15 QUADRANGLE  
44083-CS-TF-024  
1989  
DMA 4272 1 SE - SERIES V862

USGS NMD HISTORICAL MAP  
FEB 05 1990  
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