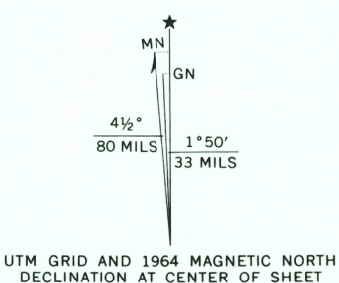


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MARBLE HEAD QUADRANGLE
MICHIGAN—ONTARIO
7.5 MINUTE SERIES (TOPOGRAPHIC)



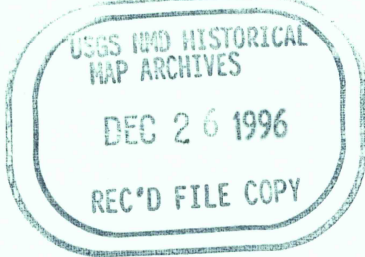
Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and U.S. Lake Survey
Topography by photogrammetric methods from aerial
photographs taken 1954 and 1956. Field checked 1964
Selected hydrographic data compiled from
U.S. Lake Survey Charts 6 (1960) and 61 (1961)
This information is not intended for navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
To place on the predicted North American Datum 1983
move the projection lines 6 meters west
as shown by dashed corner ticks
Map photoinspected 1976
No major culture or drainage changes observed



SCALE 1:24,000
1 0000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 5 1 KILOMETER
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS LOW WATER 578.5 FEET



ROAD CLASSIFICATION
Light-duty Unimproved dirt -----



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

MARBLE HEAD, MICH.—ONT.
45083-H5-TF-024

1964
PHOTOINSPECTED 1976
DMA 4275 I NE—SERIES V862

