

38° 15' N
124° 00' W
1:24,000

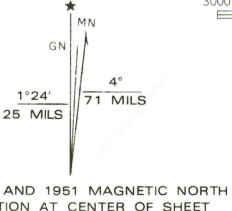
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

ECKERMAN QUADRANGLE
MICHIGAN
15 MINUTE SERIES (TOPOGRAPHIC)



Map by the Army Map Service
Published for civil use by the Geological Survey
Control by US&GS, USCE, U. S. Lake Survey
and International Boundary Commission
Topography from aerial photographs by photogrammetric
methods. Aerial photographs taken 1950. Field check 1951
Hydrography compiled from U. S. Lake Survey sheet
Polyconic projection. 1927 North American datum
10,000-foot grids based on Michigan coordinate system,
east and central zones
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue
Dashed land lines indicate approximate locations
Unchecked elevations are shown in brown



CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 602 FEET

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

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
State Route ———



This area also covered by 1:24,000 scale maps of
Platt Lake, Big Beaver Creek, Hubert, and Eckerman
7.5 minute quadrangles, surveyed 1951

ECKERMAN, MICH.
N 4615—W 8500/15

1951
AMS 3976 I—SERIES V762

DEC 15 1978

1980

USGS
Historical File
Topographic Division