

Mapped, edited, and published by the Geological Survey
in cooperation with State of Michigan agencies
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1969. Field checked 1972
Selected hydrographic data compiled from U. S. Lake Survey Charts 76 (1973)
and 765 (1972). This information is not intended for navigational purposes
Projection and 10,000-foot grid ticks: Michigan coordinate
system, south zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue. 1927 North American datum
Red 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

Map photorevised 1980
No major culture or drainage changes observed

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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AND GEOLOGICAL SURVEY DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

To place on the predicted North American Datum 1983
move the projection lines 2 meters north and
2 meters east as shown by dashed corner ticks

GRAND HAVEN, MICH
SW 1/4 MUSKOGEE 15' QUADRANGLE
43086-A2-TF-024

1972
PHOTOINSPECTED 1980
DMA 3770 II SW-SERIES Y862

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

RECD FILE COPY
JAN 29 1980
USGS NMN HISTORICAL MAP