

Prepared by the Army Map Service (BEGE), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods and from U.S. Lake Survey Charts 705 and 706, 1953 (reliability good). Horizontal and vertical control by USGS, USCGS and USCE. Aerial photography 1953. Photography field annotated 1954. Limited revision by U.S. Geological Survey 1964.

100,000-foot grid based on Michigan coordinate system, central zone. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

LEGEND

ROAD DATA 1954 PARTIALLY REVISED 1964
 Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000	3 LANES (L LANES)
100,000 to 500,000	2 LANES (L LANES)
25,000 to 100,000	2 LANES (L LANES)
5,000 to 25,000	(L) (L)
1,000 to 5,000	(L) (L)
Less than 1,000	(L) (L)

RAILROADS

- Standard gauge: Single track, Double or Multiple
- Narrow gauge
- Inter-national
- State
- Park or reservation

BOUNDARIES

- County
- State
- National or State Reservation

Other Symbols:

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Horizontal control point
- Spot elevation in feet
- Landmarks: School; Church; Other
- Depth curve in feet
- Limit of danger Reef
- Rocks: Awash; Sunken
- Foreshoar flat
- Intermittent or dry stream
- Woods-brushwood
- Marsh or swamp

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 Nautical Miles

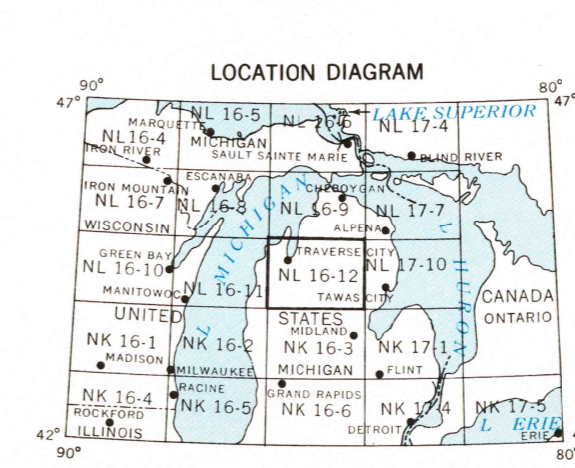
CONTOUR INTERVAL 50 FEET

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 16

1980 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 1°45' WESTERLY FOR THE CENTER OF THE WEST EDGE TO 4°00' WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS NEGLECTABLE.

FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092



SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

GRID ZONE DESIGNATION: 16T

100,000 M. SQUARE IDENTIFICATION: EE FE GE

SAMPLE POINT: MOORESTOWN

1. Read letters identifying 100,000 meter square in which the point lies.

2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.

3. Locate first HORIZONTAL grid line to point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.

4. Estimate tenths from grid line to point.

5. Estimate tenths from grid line to point.

SAMPLE REFERENCE: FE85

USGS Historical File

TRaverse City, MICHIGAN

1954

LIMITED REVISION 1964