

Prepared by the Army Map Service (BEGN), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods. Horizontal and vertical control by USGS and USC & GS. Aerial photography 1953. Photography first annotated 1954.

100,000 foot grid based on Michigan coordinate system, central and east zones

10,000 meter Universal Transverse Mercator grid ticks, zone 16, shown in blue

**LEGEND**

**ROAD DATA 1954**  
Figures in red denote approximate distances in miles between stars

**POPULATED PLACES**

|                    |                                      |                   |
|--------------------|--------------------------------------|-------------------|
| Over 500,000       | Hard surface, heavy duty             | 3 LANES (4 LANES) |
| 100,000 to 500,000 | More than two lanes wide             | 2 LANES (3 LANES) |
| 25,000 to 100,000  | Two lanes wide; Federal route marker | 2 LANES (3 LANES) |
| 5,000 to 25,000    | Hard surface, medium duty            | 2 LANES (3 LANES) |
| 1,000 to 5,000     | Two lanes wide; State route marker   | 2 LANES (3 LANES) |
| Less than 1,000    | Improved light duty                  | 2 LANES (3 LANES) |
|                    | Unimproved dirt                      | 2 LANES (3 LANES) |
|                    | Trail                                | 2 LANES (3 LANES) |

**RAILROADS**

- Single track
- Double or Multiple
- Standard gauge
- Narrow gauge

**BOUNDARIES**

- International
- State
- County
- Park or reservation

**LANDMARKS**

- School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Orchard
- Intermittent or dry stream
- Power line

**Other Symbols:**

- Landplane airport
- Landing area
- Seaplane airport
- Woods/bushwood

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

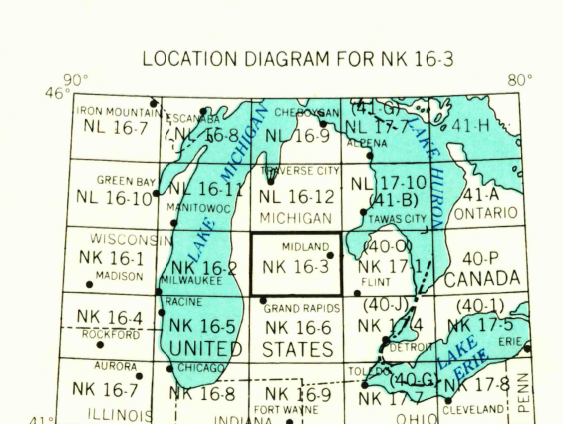
0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET

TRANSVERSE MERCATOR PROJECTION

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 0°15' WESTERLY FOR THE CENTER OF THE WEST EDGE TO 0°17' WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°07' WESTERLY.

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USGS  
Historical File  
Topographic Division

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

U.S.G.S.  
FILE COPY  
TOPOGRAPHIC DIVISION

MIDLAND, MICHIGAN

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