



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 field 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

**POPULED PLACES.**

Over 500,000  
100,000 to 500,000  
25,000 to 100,000  
5,000 to 25,000  
1,000 to 5,000  
Less than 1,000

**RAILROADS**

Standard gauge.  
Narrow gauge.  
Landing area.  
Seaplane airport.  
State.  
County.  
Park or reservation.

**BOUNDARIES**

International.  
State.  
County.

**LANDMARKS**

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

**RAILROADS**

Single track Double or Multiple.  
Standard gauge.  
Narrow gauge.  
Landing area.  
Seaplane airport.  
State.  
County.  
Park or reservation.

**BOUNDARIES**

International.  
State.  
County.

**LANDMARKS**

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

Scale 1:250,000

0 5 10 15 20 Statute Miles

0 5 10 15 20 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°17'45" WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°01' WESTERLY.

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.

LOCATION DIAGRAM FOR NK 163

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

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TOPOGRAPHIC DIVISION

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Historical File  
Topographic Division

TOWNSHIP OR RANGE LINE  
LAND GRANT BOUNDARY

MIDLAND, MICHIGAN