



V501, EDITION 3  
 Prepared by the U.S. Army Topographic Command (BEGN), Washington, D.C. Compiled in 1955 by photogrammetric methods from aerial photographs taken in 1953. Photographs field annotated 1954. Revised in 1971 by the U.S. Geological Survey from aerial photographs taken 1968-1970. Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

**LEGEND**

Figures in red denote approximate distances in miles between stars

**POPULATED 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

**ROADS**

Primary, all-weather, hard surface  
 Secondary, all-weather, hard surface  
 Light-duty, all-weather, hard/improved surface  
 Fair or dry weather, unimproved surface  
 Trail  
 Interchange  
 Fishkill  
 Route markers: Interstate, U.S., State

**RAILROADS**

Standard gauge, Single track, Double or Multiple track  
 Narrow gauge  
 Landing area  
 Seaplane airport  
 Orchard  
 Woods/bushwood

**BOUNDARIES**

State  
 County  
 Park or reservation

**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 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET

TRANSVERSE MERCATOR PROJECTION

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

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 1° (20 MILES) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 3/4° (60 MILES) WESTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242

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**LOCATION DIAGRAM**

Map showing the location of the sheet within the Michigan grid system, with coordinates and grid lines.

U.S. GEOLOGICAL SURVEY  
 RESTON, VIRGINIA 1974

SEP 20 1975  
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GRID ZONE DESIGNATION: 16T  
 100,000 M. SQUARE IDENTIFICATION

ED	FD	GD
EC	FC	GC

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

**SAMPLE POINT SHEET**

1. Read letters identifying 100,000 meter square in which the point lies.  
 2. Locate true vertical grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the left side.  
 3. Estimate tenths from grid line to point.  
 4. Locate true horizontal grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the top side.  
 5. Estimate tenths from grid line to point.

**SAMPLE REFERENCE**  
 If reporting "point" in any direction, prefix Grid Zone Designation, as:

United States Top. 1:250,000 MIDLAND, MICHIGAN  
 sheet midland, 1974  
 1954  
 REVISED 1971

STOCK NO. V501.NK163 \*\* 03