



V501, EDITION 3  
 Prepared by the U.S. Army Topographic Command (AJMB), Washington, D.C. Compiled in 1954 by photogrammetric methods from aerial photographs taken in 1952. Photographs field annotated 1953. Revised by the U.S. Geological Survey 1969.  
 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 or improved surface  
 Fair or dry weather, unimproved surface  
 Trail  
 Interchange  
 Route markers: Interstate, U.S., State

**RAILROADS**  
 Single track Double or Multiple  
 Standard gauge  
 Narrow gauge  
 Landplane airport  
 Landing area  
 Seaplane airport  
 Seaplane anchorage  
 Woods-brushwood

**BOUNDARIES**  
 International  
 State  
 County  
 Park or reservation

**Other Symbols:**  
 Landmarks: School; Church; Other  
 Windmill; Mine  
 Spot elevation in feet  
 Marsh or swamp  
 Intermittent or dry stream  
 Power line

Scale 1:250,000  
 0 5 10 15 20 25 30 Statute Miles  
 0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 90 FEET  
 TRANSVERSE MERCATOR PROJECTION  
 BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 16  
 1965 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 0° (0 MILES) FOR THE CENTER OF THE WEST EDGE TO 2° 40' WEST FOR THE CENTER OF THE EAST EDGE  
 FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242

**LOCATION DIAGRAM**

**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  
 300,000 M SQUARE IDENTIFICATION

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS**

**SAMPLE POINT BROADTH**

EA	EB	FB	GB	GA
60	70	80	90	0

**1. Read letters identifying 100,000 meter square in which the point lies.**  
**2. Locate the VERTICAL grid line to LEFT of point and read LARGE figure between the line within the top or bottom margin, or on the side margin.**  
 Estimate tenths from grid line to point.  
**3. Locate the HORIZONTAL grid line BELOW point and read LARGE figure between the line within the left or right margin, or on the side margin.**  
 Estimate tenths from grid line to point.

**EXAMPLE:** 424000  
 If reporting beyond 10' in any direction, prefix Grid Zone Designation, etc.

FORT WAYNE, INDIANA; MICHIGAN; OHIO  
 1953  
 REVISED 1969

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 U.S. GEOLOGICAL SURVEY  
 HISTORIC & TOPOGRAPHIC DIVISION