



## V501, EDITION 4

Prepared by the U.S. Army Topographic Command (RMND), Washington, D.C. Compiled in 1955 from United States quadrangles 1:50,000 and 1:62,500, 1900-55; U.S. Lake Survey Charts 33, 34 and 35, 1949-50. Planimetry revised from aerial photographs taken 1950-51. Map field checked 1956. Revised in 1972 by the U.S. Geological Survey from aerial photographs taken 1972.

Selected hydrographic data compiled from NOS charts 1949-1950. This information is not intended for navigational purposes.

Area covered by dashed light-blue pattern is subject to controlled inundation.

100,000-foot grids based on Ohio coordinate system, north zone and Pennsylvania coordinate system, north and south zone.

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

**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

**RAILROADS**

- Single track
- Double or multiple track
- Standard gauge
- Narrow gauge
- Interstate
- State
- County
- Park or reservation
- Mine
- Spot elevation in feet

**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
- Bay Harbor
- Franklin
- Route markers: Interstate, U.S., State

**LANDMARKS**

- School
- Church
- Other
- Limit of danger
- Reef
- Shoals
- Wash
- Shoreline
- Marsh or swamp

**BOUNDARIES**

- International
- State
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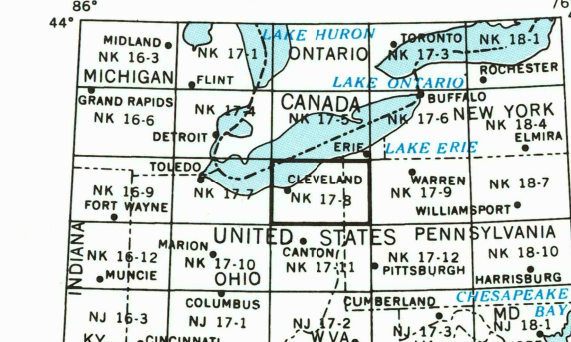
CONTOUR INTERVAL 50 FEET  
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 17

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 45° 18' 00" WESTERLY FOR THE CENTER OF THE WEST EDGE TO 6° 00' 00" WESTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

## LOCATION DIAGRAM



## SECTIONED TOWNSHIP

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

TOWNSHIP OR RANGE LINE  
LAND GRANT BOUNDARY  
LAND LINES ESTABLISHED BY PRIVATE SURVEYS

GRID ZONE DESIGNATION: 17T  
100,000 M SQUARE IDENTIFICATION  
MS NS  
MR NR  
50  
TO GIVE A STANDARD REFERENCE TO THIS SHEET TO NEAREST 1000 METRES  
SAMPLE POINT: 040160  
1. Read letters identifying 100,000 metre square in which the point lies.  
2. Locate first VERTICAL line to the 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 line and the BELOW point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.  
4. Estimate within the 1000 metre square the location of the point.  
5. If reporting beyond 10' in any direction, prefix Grid Zone Designation, 17T.

CLEVELAND, OHIO, PA., U.S., ONT., CAN.  
1956  
REVISED 1972

U.S. GEOLOGICAL SURVEY  
JUN 09 1988