



Prepared by the Defense Mapping Agency, Topographic Center, Washington, D. C. Compiled in 1954 from United States quadrangles, 1:24,000, 1:31,680, 1:62,500 and 1:63,360, 1899-1951; County highway maps, 1945-51. Flanometry revised from aerial photographs taken 1945-1951. Map field checked 1956. Revised by the U. S. Geological Survey from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1978.

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

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

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

**RAILROADS**

- Single track
- Double or Multiple track
- Narrow gauge
- Landplane airport
- Seaplane airport
- Power line
- Orchard
- Woods-brushwood

**BOUNDARIES**

- International
- State
- County
- Park or reservation
- Spot elevation in feet

**Other Symbols**

- Landmarks: School; Church; Other
- Depth curve in feet
- Limit of danger; Reef
- Rocks; Awash
- Forestation flag
- Intermittent or dry stream
- Marsh or swamp

Scale 1:250,000

0 5 10 15 20 Statute Miles

0 5 10 15 20 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

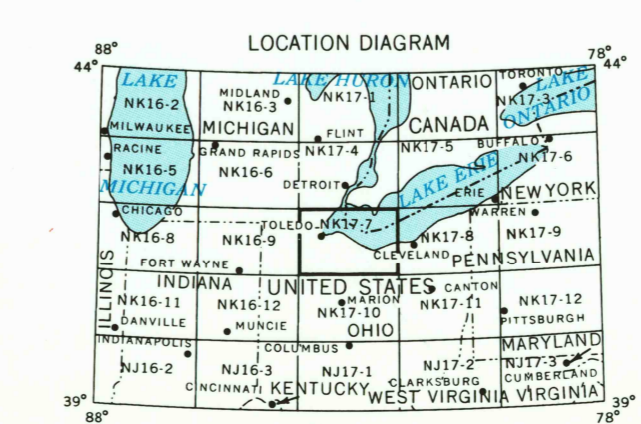
CONTOUR INTERVAL 50 FEET

TRANSVERSE MERCATOR PROJECTION

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

1978 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 3° 19' 00" WESTERLY FOR THE CENTER OF THE WEST EDGE TO 4° 00' 00" WESTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092



**SECTIONED TOWNSHIP**

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

**GRID ZONE DESIGNATION:** 17T

**100,000 M. SQUARE IDENTIFICATION:** KR LR MR

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

**SAMPLE POINT: FLAT ROCK**

**SAMPLE REFERENCE:** 17T KR LR MR 1718466

**NOTE:** THE SMALLER FIGURES OF ANY GRID NUMBER, THESE ARE FOR FINDING THE GRID COORDINATE. USE ONLY THE LARGER FIGURES OF THE GRID NUMBER.

**NOTE:** IF REPORTING BEARING IN ANY DIRECTION, PUBLIC USE OF THIS INFORMATION, AS:

**TOWNSHIP OR RANGE LINE**

**LAND GRANT BOUNDARY**

**LAND LINES ESTABLISHED BY PRIVATE SURVEYS**

TOLEDO, OHIO; MICH., U.S.; ONTARIO, CAN.

1956

REVISED 1978