



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, 1940-51. Planimetry revised from aerial photographs taken 1949-1951. 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 grid 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

RAILROADS

- Single track Double or Multiple Standard gauge
- Narrow gauge
- Landplane airport
- Landing area
- Seaplane airport
- County
- Park or reservation
- Spot elevation in feet
- Mine

BOUNDARIES

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

NEWMAN INTERCHANGES

- Route markers: Interstate, U.S., State
- Franklin
- Landmarks: School; Church; Other
- Depth curve in feet
- Limit of danger: Reef
- Rocks: Awash
- Foreshore flat
- Intermittent or dry stream
- Marsh or swamp

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

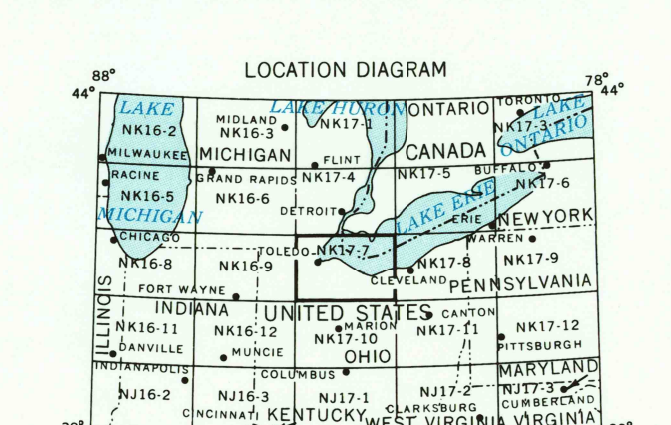
CONTOUR INTERVAL 50 FEET

TRANSVERSE MERCATOR PROJECTION

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

1978 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 3° 15' 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



SECTIONIZED 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

SECTIONED TOWNSHIP: 17R 18S

GRID ZONE DESIGNATION: 17R 18S

SECTIONED TOWNSHIP: 17R 18S

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SECTIONED TOWNSHIP: 17R 18S

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

LAND LINES ESTABLISHED BY PRIVATE SURVEYS

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

USGS
Historical File
Topographic Division

1956
REVISED 1978

APR 14 1978

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