

Prepared by the Army Map Service (BEGN), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods and from U.S. Lake Survey charts, 1954-1955. Horizontal and vertical control by USCGS. Photography field annotated 1954. Limited revision of the U.S. area by the U.S. Geological Survey 1967.
100,000-foot grid based on Michigan coordinate system, central zone

LEGEND

ROAD DATA 1954 PARTIALLY REVISED 1967
Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000	Large city
100,000 to 500,000	Medium city
25,000 to 100,000	Small city
5,000 to 25,000	Village
1,000 to 5,000	Hamlet
Less than 1,000	Unincorporated place

RAILROADS

- Single track
- Double or Multiple track
- Standard gauge
- Narrow gauge

BOUNDARIES

- International
- State or province
- County
- Park or reservation
- Horizontal control point
- Spot elevation in feet

LANDMARKS

- School
- Church
- Other
- Depth curve in feet
- Limit of danger; Reef
- Rocks; Awash; Sunken
- Foreshore flat
- Intermittent or dry stream
- Marsh or swamp

APPROXIMATE ROAD ALIGNMENT

OTHER FEATURES

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Power line
- Woods-brushwood

Scale 1:250,000

0 5 10 15 20 25 30 Kilometres

0 5 10 15 20 25 30 Nautical Miles

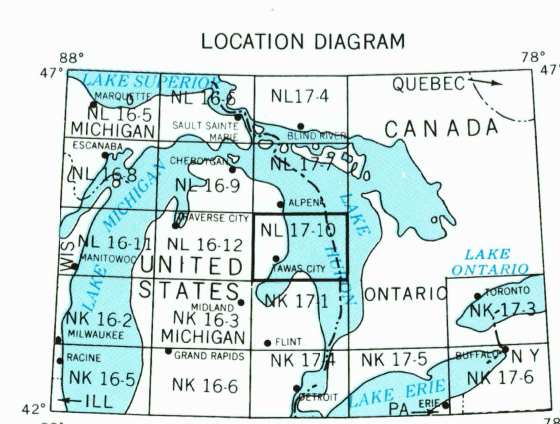
CONTOUR INTERVAL 50 FEET

TRANSVERSE MERCATOR PROJECTION

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

1965 MAGNETIC DECLINATION FROM TRUE NORTH FOR THIS SHEET VARIES FROM 3½° (60 MILES) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 3½° (100 MILES) 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
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
17T

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

100,000 M. SQUARE IDENTIFICATION	SAMPLE POINT	HALE
KV	LV	MV
KU	LU	MU
10	40	90

1. Read letters identifying 100,000 metre square in which the point lies:
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either on the top or bottom margin, or on the line itself.
3. Estimate tenths from grid line to point.
4. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either on the left or right margin, or on the line itself.
5. Estimate tenths from grid line to point.

2. If required, provide '10' in any direction.
prefix Grid Zone Designation, as: 17TAK7712



TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

TAWAS CITY, MICHIGAN, U.S.; ONTARIO, CAN.

1954
LIMITED REVISION (U.S. AREA) 1967