

Prepared by the Army Map Service (LKBGN), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1953 by photogrammetric methods and from 1:25,000 and 1:63,360 Dept. of Mines and Technical Surveys, 1951-1953. Coastal hydrography compiled from USLS charts 6 and 53, 1954-55. Horizontal and vertical control by USLS, USC&GS and CE. Photography field annotated 1954.

100,000-foot grid based on Michigan coordinate system, central zone

LEGEND

ROAD DATA 1954
 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

RAILROADS
 Single track Double or Multiple track
 Standard gauge
 Narrow gauge

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

ROADS
 Hard surface, heavy duty
 Two lanes wide; Federal route marker
 Hard surface, medium duty
 More than two lanes wide
 Two lanes wide; State route marker
 Improved light duty
 Unimproved dirt
 Trail

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

LANDS (LANES)
 1 LANE (1 LANE)
 2 LANES (2 LANES)
 3 LANES (3 LANES)

Other symbols: Landplane airport, Seaplane airport, Seaplane anchorage, Power line, Woods brushwood

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

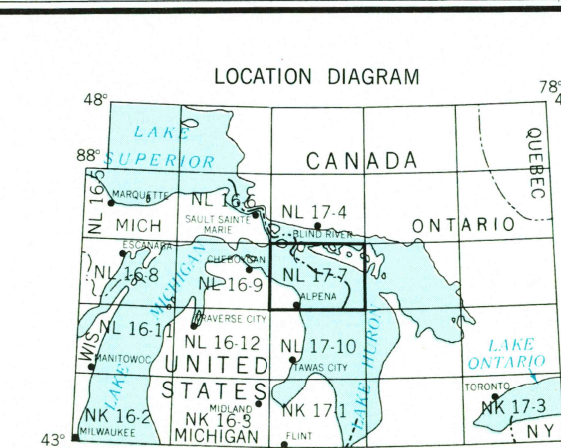
0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

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

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 4° 30' WESTERLY FOR THE CENTER OF THE WEST EDGE TO 6° 45' WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0" WESTERLY.

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
 100,000 M. SQUARE IDENTIFICATION
 SAMPLE POINT: ELIZABETH BAY

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

1. Read letters identifying 100,000 meter 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.

SAMPLE REFERENCE
 If reporting beyond 10' in any direction, prefix Grid Zone Designation as:
 17T16875

USGS ALPENA, MICH., U. S.; ONTARIO, CAN.
 Historical File
 Topographic Division
 1954
 JAN 12 1979