

Prepared by the Army Map Service (LGNB), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from 1:50,000 and 1:63,360, Dept. of Mines and Technical Surveys, 1951, 1953. Coastal hydrography compiled from USLS charts 6 and 15, 1954-55. Horizontal and vertical control by USLS, USC&GS and CE. Photographic field annotated 1954.

100,000 foot grid based on Michigan coordinate system, east zone

10,000 meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

**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
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**RAILROADS**

Single track Double or Multiple Standard gauge	Narrow gauge
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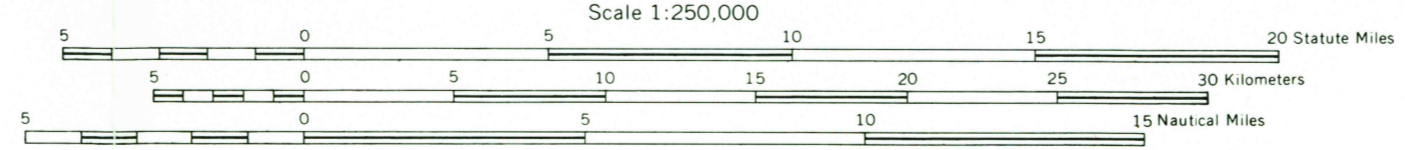
**BOUNDARIES**

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

School; Church; Other	Depth curve in feet	Limit of danger; Reef	Rocks; Awash; Sunken	Foreshore flat	Intermittent or dry stream	Submerged net stakes	Unimproved dirt	Trail
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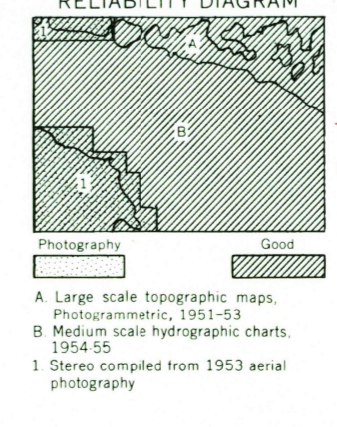
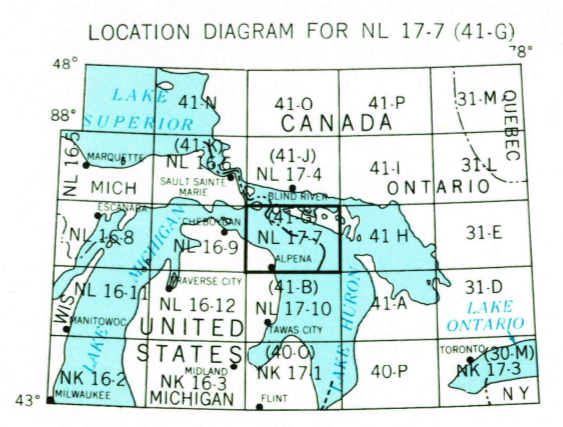
**Other symbols:** Landplane airport, Landing area, Seaplane airport, Seaplane anchorage, Power line, Woods-brushwood, Marsh or swamp



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

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°01' WESTERLY.

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242



U.S.G.S. TOPOGRAPHIC DIVISION

USGS Historical File Topographic Division

ALPENA, UNITED STATES; CANADA

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

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