



Prepared by the Army Map Service (ASOC), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods and from: USGS quadrangles, 1:24,000, 1951-53; U.S. Lake Survey Charts 95, 96, 97, 1955. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USFS and USCGS. Photography field annotated 1954. Limited revision by U.S. Geological Survey 1964.

100,000-foot grids based on Minnesota coordinate system, north zone and Wisconsin coordinate system, north zone.

10,000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue.

LEGEND

ROAD DATA 1954 PARTIALLY REVISED 1964

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

Standard gauge
Narrow gauge
International
State
County
Park or reservation
Horizontal control point
Spot elevation in feet

BOUNDARIES

International
State
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

WATER

Hard surface, heavy duty
More than two lanes wide
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

Other Features

Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Power line
Wooded brushwood

Scale 1:250,000

0 5 10 15 20 Statute Miles

0 5 10 15 20 Kilometers

0 5 10 15 20 Nautical Miles

CONTOUR INTERVAL 50 FEET

TRANSVERSE MERCATOR PROJECTION

1960 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 4°15' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 2°30' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS NEGLIGIBLE.

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.

RELIABILITY DIAGRAM

USGS Historical File Topographic Division

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

LOCATION DIAGRAM FOR NL 15-3

MANITOBA ONTARIO CANADA

MINNESOTA WISCONSIN MICHIGAN

LAKE SUPERIOR

LAKE ERIE

LAKE HURON

LAKE MICHIGAN

LAKE INDIAN

LAKE ST. CLAIR

LAKE MONTECALENE

LAKE ERIE

LAKE HURON

LAKE MICHIGAN

LAKE INDIAN

LAKE ST. CLAIR

LAKE MONTECALENE

SECTIONIZED TOWNSHIP

6	8	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

NOV 17 1964

TWO HARBORS, MINN.; WIS.; MICH.

1954

LIMITED REVISION 1964