



V502, EDITION 3

Prepared by the Army Map Service (ASCS), 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 USC&GS. 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

LEGEND
ROAD DATA 1954 PARTIALLY REVISED 1964
Figures in red show 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
Landplane airport
Seaplane airport
Seaplane anchorage
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

LOS ANGELES
OMAHA
GALESTON
Laramie
Grand Coulee
Salt Valley

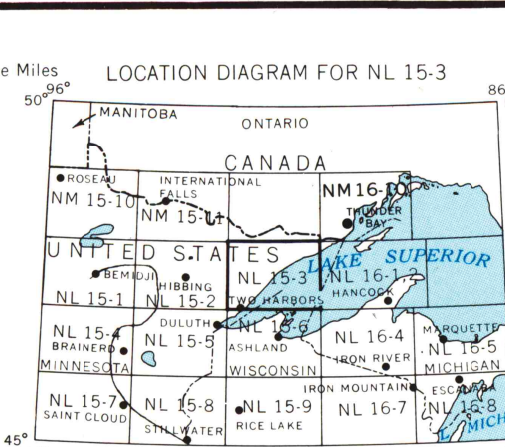
Scale 1:250,000
0 5 10 15 20 Statute Miles
0 5 10 15 20 Kilometres
0 5 10 15 Nautical Miles

CONTOUR INTERVAL 50 FEET
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 15

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, COLORADO 80225 OR 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:
15T
100,000 M. SQUARE IDENTIFICATION
WD XC YD 300
WC XC YC
60 10

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METRES
SAMPLE POINT: LUTSEN
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.
6. Combine figures from steps 2 and 4 to give full reference.
7. If reporting beyond 10' in any direction, prefix Grid Zone Designation, as: 15T82979

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

TWO HARBORS, MINN.; WIS.; MICH.

1954
LIMITED REVISION 1964

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