



Prepared by the Army Map Service (ASCTT), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from: Minnesota, 1:20,000 and 1:24,000 USGS, 1949-1953. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USCGS, USGS, and USFS. Photography field annotated 1954.

100,000-foot grids based on Minnesota coordinate system, north and central zones

1000-meter Universal Transverse Mercator grid ticks, zone 15, 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

**RAILROADS**  
Standard gauge  
Narrow gauge  
Landing area  
State  
County  
Park or reservation

**BOUNDARIES**  
International  
State  
County  
Park or reservation

**LANDMARKS**  
School; Church; Other  
Horizontal control point  
Spot elevation in feet  
Marsh or swamp  
Intermittent or dry stream  
Power line

**LOS ANGELES**  
**OMAHA**  
**GALVESTON**  
Laramie  
Grand Coulee  
Sun Valley

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  
TRANSVERSE MERCATOR PROJECTION

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 9°45' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 9°45' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°08' WESTERLY.

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.

LOCATION DIAGRAM FOR NL 15-2

62-H	MANITOBA	CANADA	52-F	52-H
NW 14-12	NW 15-11	NW 15-10	NW 15-12	NW 16-10
SW 14-13	SW 15-12	SW 15-11	SW 15-13	SW 16-11
NE 14-13	NE 15-12	NE 15-11	NE 15-13	NE 16-11
SE 14-13	SE 15-12	SE 15-11	SE 15-13	SE 16-11
NW 14-9	NW 15-8	NW 15-7	NW 15-9	NW 16-7
SW 14-9	SW 15-8	SW 15-7	SW 15-9	SW 16-7
NE 14-9	NE 15-8	NE 15-7	NE 15-9	NE 16-7
SE 14-9	SE 15-8	SE 15-7	SE 15-9	SE 16-7

RELIABILITY DIAGRAM

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1958-N5  
W-2674

USGS  
Historical File  
Topographic Division

TOWNSHIP OR RANGE LINE  
LAND GRANT BOUNDARY

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

HIBBING, MINNESOTA

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