



Prepared by the Army Map Service (LKBTT), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods. Horizontal and vertical control by USCGS, USGS, and CE. Aerial photography 1953. Photography field annotated 1953. 100,000 foot grids based on Minnesota coordinate system, central and north zones, and Wisconsin coordinate system, north zone. 10,000 meter Universal Transverse Mercator grid ticks, zone 15, shown in blue.

**LEGEND**  
ROAD DATA 1953  
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  
Narrow gauge  
Standard gauge

**BOUNDARIES**  
International  
State  
County  
Park or reservation

**Landplane airport**  
Landing area  
Seaplane airport  
Seaplane anchorage  
Woods/brushwood

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

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

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 8°00' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 4°00' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°02' WESTERLY.

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**USGS Historical File Topographic Division**

**LOCATION DIAGRAM FOR NL 15-5**

**SECTIONALIZED 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

**TOWNSHIP OR RANGE LINE**  
**LAND GRANT BOUNDARY**

DULUTH, MINNESOTA; WISCONSIN