



Prepared by the Army Map Service (LKBPM), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1956 by photogrammetric methods. Aerial photography 1953. Horizontal and vertical control by USGS, USCGS and USCE. Photography field annotated 1953. Limited revision by U.S. Geological Survey 1963.

100,000-foot grids based on Minnesota coordinate system, south zone and Wisconsin coordinate system, central zone

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

LEGEND

ROAD DATA 1953 PARTIALLY REVISED 1963
 Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000	Hard surface, heavy duty	3 LANES & LANES
100,000 to 500,000	More than two lanes wide	2 LANES & LANES
25,000 to 100,000	Two lanes wide; Federal route marker	3 LANES & LANES
5,000 to 25,000	Hard surface, medium duty	2 LANES & LANES
1,000 to 5,000	More than two lanes wide	2 LANES & LANES
Less than 1,000	Two lanes wide; State, Interstate route markers	2 LANES & LANES

RAILROADS

Standard gauge	Single track Double or Multiple
Narrow gauge	Landplane airport
International	Landing area
County	Dry lake
State	Seawall anchorage
Bank or reservation	Woods/bushland
	Power line
	Approximate road alignment

LANDMARKS

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

ROADS

Hard surface, heavy duty	3 LANES & LANES
More than two lanes wide	2 LANES & LANES
Two lanes wide; Federal route marker	3 LANES & LANES
Hard surface, medium duty	2 LANES & LANES
More than two lanes wide	2 LANES & LANES
Two lanes wide; State, Interstate route markers	2 LANES & LANES
Improved light duty	2 LANES & LANES
Unimproved dirt	2 LANES & LANES
Sun Valley Trail	2 LANES & LANES

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 Nautical Miles

CONTOUR INTERVAL 50 FEET

TRANSVERSE MERCATOR PROJECTION

1960 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 6°30' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 4°30' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°01' WESTERLY.

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

LOCATION DIAGRAM FOR NL 15-11

47° 58'	98°	97°	96°	95°	94°	93°	92°	91°	90°	89°	88°
MINNESOTA	MINNESOTA	MINNESOTA	MINNESOTA	MINNESOTA	MINNESOTA	MINNESOTA	MINNESOTA	MINNESOTA	MINNESOTA	MINNESOTA	MINNESOTA
WISCONSIN	WISCONSIN	WISCONSIN	WISCONSIN	WISCONSIN	WISCONSIN	WISCONSIN	WISCONSIN	WISCONSIN	WISCONSIN	WISCONSIN	WISCONSIN
47° 58'	98°	97°	96°	95°	94°	93°	92°	91°	90°	89°	88°

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

MAP AND PHOTO SURVEY

AUG 17 1971

University of Wisconsin

SAINT PAUL, MINNESOTA WISCONSIN

1953 LIMITED REVISION 1963

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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