

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WEST DULUTH QUADRANGLE
MINNESOTA-WISCONSIN
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 SUPERIOR 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by Kelsh plotter

and by plane-table surveys 1954. Aerial photographs taken 1952

Hydrography from U.S. Lake Survey Chart 966 (1:15,000)

Polyconic projection. 1927 North American datum

10,000-foot grids based on Wisconsin coordinate system,

north zone, and Minnesota coordinate system, north zone

1000-meter Universal Transverse Mercator grid ticks

zone 15, shown in blue

Red tint indicates areas in which only landmark buildings are shown

To place on the predicted North American Datum 1983

move the projection lines 7 meters north and

14 meters east as shown by dashed corner ticks

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS 601 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

AND WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY, MADISON, WISCONSIN 53706

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Primary highway, hard surface

Light-duty road, hard or improved surface

Secondary highway, hard surface

Unimproved road

Interstate Route

U.S. Route

State Route

WEST DULUTH, MINN.-WIS.

NW/4 SUPERIOR 15' QUADRANGLE

N4637.5-W9207.5/7.5

1954

PHOTOREVISED 1983

DMA 757 II NW-SERIES V872

A.H. ROBINSON

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