



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

WEST DULUTH QUADRANGLE  
WISCONSIN-MINNESOTA  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NW 1/4 SUPERIOR 15' QUADRANGLE

Maped, 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  
Red tint indicates areas in which only  
landmark buildings are shown  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue

APPROXIMATE MEAN  
DECLINATION, 1954

SCALE 1:24000

1 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 5 0 5 10 KILOMETER

CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL  
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, FEDERAL CENTER, DENVER, COLORADO OR WASHINGTON 25, D. C.  
AND BY THE WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY, MADISON 6, WISCONSIN  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
U. S. Route	State Route

WEST DULUTH, WIS.-MINN.  
NW 1/4 SUPERIOR 15' QUADRANGLE  
N4637.5-W9207.5/7.5

1954

FILE COPY  
TOPOGRAPHIC DIVISION

OCT 24 1953

2675  
(me - mm, 1/14/63)