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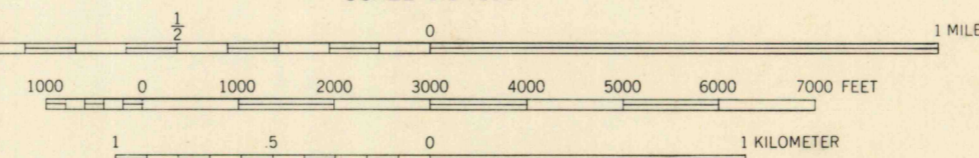
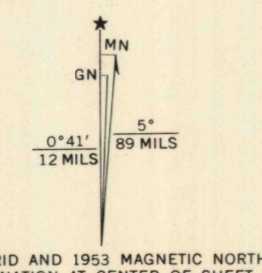
Control by USGS, USC&GS, and U. S. Lake Survey

Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1952. Field check 1953  
Hydrography from U. S. Lake Survey Charts 96 (1:120 000)  
and 966 (1:15 000)

Polyconic projection. 1927 North American datum  
10,000-foot grid based on 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



SCALE 1:24 000  
CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 601 FEET



ROAD CLASSIFICATION

|             |                |                 |
|-------------|----------------|-----------------|
| Heavy-duty  | 4 LANE 16 LANE | Light-duty      |
| Medium-duty | 4 LANE 16 LANE | Unimproved dirt |
| U. S. Route |                | State Route     |

DULUTH, MINN.  
SE/4 DULUTH 15' QUADRANGLE  
N4645-W9200/7.5

U.S.G.S.

FILE COPY  
TOPOGRAPHIC DIVISION

1953  
AMS 7577 I SE—SERIES V872

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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