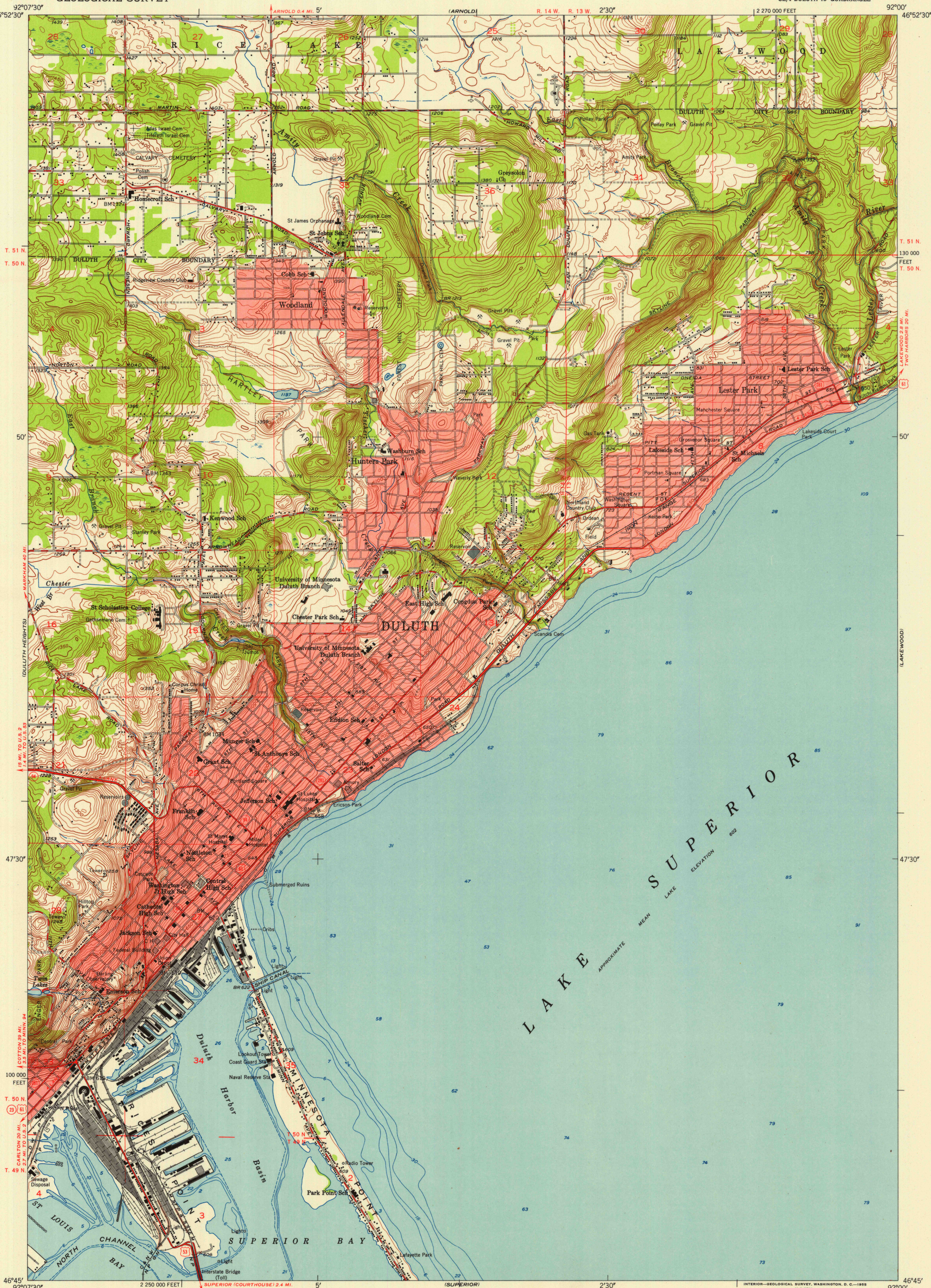


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DULUTH QUADRANGLE
MINNESOTA-ST. LOUIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 DULUTH 15' QUADRANGLE

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Mapped, edited, and published by the Geological Survey

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,

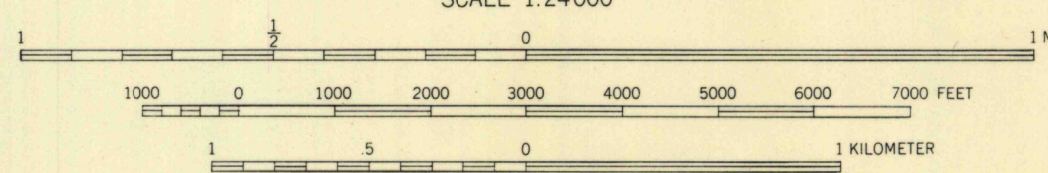
north zone

Red tint indicates areas in which only

landmark buildings are shown

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1953

SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 601 FEET

USGS
Historical File
Topographic Division



ROAD CLASSIFICATION
Heavy-duty 1 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

1953

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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