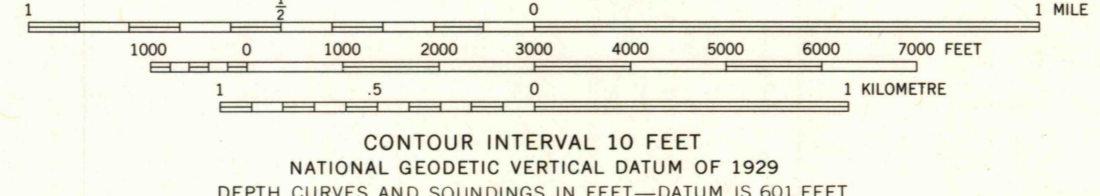
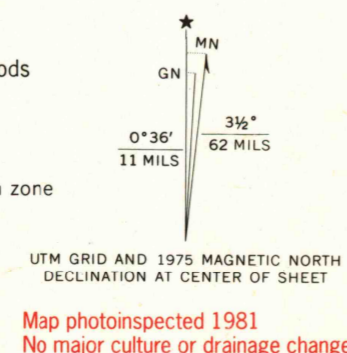


Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1952. Field check 1953
Hydrography from U. S. Lake Survey Chart 966 (1:15,000)
Polyconic projection. 1927 North American datum
10,000-foot grid based on Minnesota coordinate system, north zone
1000-metre Universal Transverse Mercator grid ticks
zone 15, shown in blue
Red tint indicates areas in which only
landmark buildings are shown
Revisions shown in purple compiled in cooperation
with the State of Minnesota from aerial photographs
taken 1969 and 1975. This information not field checked
Purple tint indicates extension of urban areas



ROAD CLASSIFICATION
Heavy-duty — 4 LANE 6 LANE Light-duty —
Medium-duty — 4 LANE 6 LANE Unimproved dirt —
U. S. Route State Route
Interstate Route
DULUTH HEIGHTS, MINN.
SW/4 DULUTH 15' QUADRANGLE
N4645—W9207.5/7.5
PHOTOINSPECTED 1981
1953
PHOTOREVISED 1969 AND 1975
AMS 7577 1 SW—SERIES V872

USGS NMD HISTORICAL MAP
SEP 06 1980
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