



Maped, edited, and published by the Geological Survey  
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Topography from aerial photographs by Kelsh plotter  
Aerial photographs taken 1950. Field check 1951

Polyconic projection. 1927 North American datum  
10,000-foot grid based on Minnesota coordinate system,  
north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue

Depth curves compiled from charts furnished by  
Minnesota Department of Conservation

UTM GRID AND 1951 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL



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

USGS  
Historical File  
Topographic Division

ZIM, MINN.  
N4715-W9230/7.5

1951

AMS 7478 1 SE-SERIES V872

JUN 28 1965

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