



Mapped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and International Boundary Commission  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1957. Field check 1960  
Canadian portion copied from Pigeon River West quadrangle  
(1:50 000) 1959, Army Survey Establishment, RCE  
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 16, shown in blue  
Dashed land lines indicate approximate locations

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1960

SCALE 1:24 000  
1 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 5 10 15 20 25 30 35 40 45 50 KILOMETER  
CONTOUR INTERVAL 20 FEET  
CONTOUR INTERVAL IN CANADIAN AREA 50 FEET  
DATUM IS MEAN SEA LEVEL

THE U. S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION  
Light-duty ————— Unimproved dirt - - - - -

SOUTH FOWL LAKE, MINN.  
N 4800—W 8952.5/7.5

1960

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