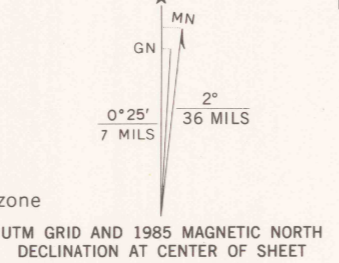


Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1947. Field check 1950
Depth curves and soundings compiled from charts
furnished by Minnesota Department of Conservation
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

To place on the predicted North American Datum 1983
move the projection lines 6 meters north and
14 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries
of the National or State reservations shown on this map



SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
State Route ———
QUADRANGLE LOCATION

Revisions shown in purple and woodland
compiled from aerial photographs taken 1981
and other source data. Partial field check
by U. S. Forest Service. Map edited 1985

BIWABIK NW, MINN.
47092-F4-TF-024
PHOTOINSPECTED 1981
1950
PHOTOREVISED 1985
DMA 7579 III NW SERIES V872

