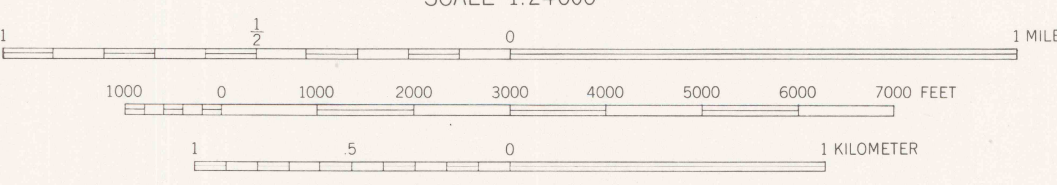
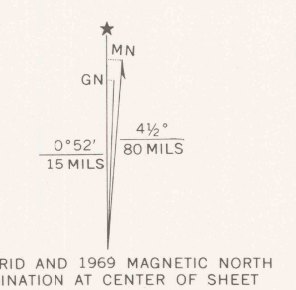




Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1952. Field check 1953  
Hydrography from U. S. Lake Survey Chart 96, (1:120,000)  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Minnesota coordinate system,  
north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue  
Revisions shown in purple compiled in cooperation with the  
State of Minnesota from aerial photographs taken 1969  
This information not field checked  
Map photorevised 1975  
No major culture or drainage changes observed



CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 601 FEET  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

KNIFE RIVER, MINN.  
N4652.5—W9145/7.5  
1953  
PHOTOREVISED 1969  
PHOTOINSPECTED 1975  
AMS 7677 IV NE—SERIES V872

4650

JUL 31 1978