

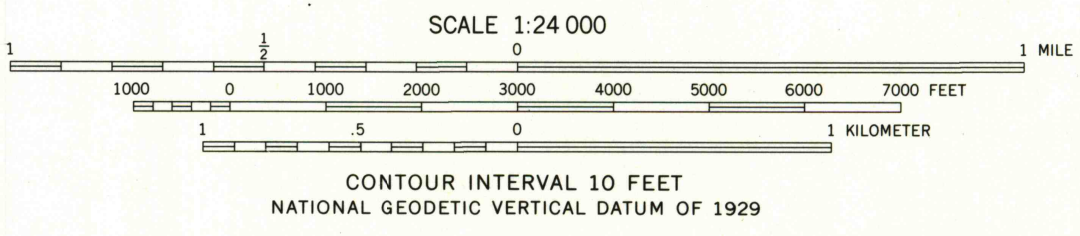
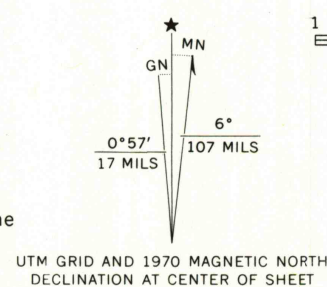


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

STATE OF MINNESOTA  
DEPARTMENT OF ADMINISTRATION

WOMAN LAKE QUADRANGLE  
MINNESOTA—CASS CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1968. Field checked 1970  
Hydrography compiled from information furnished by  
Minnesota Department of Conservation  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Minnesota coordinate system, central 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 7 meters north and  
19 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



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Map photoinspected 1980  
No major culture or drainage changes observed



ROAD CLASSIFICATION

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| Primary highway,<br>hard surface   | Light-duty road, hard or<br>improved surface |
| Secondary highway,<br>hard surface | Unimproved road                              |
| Interstate Route                   | U. S. Route                                  |
|                                    | State Route                                  |

WOMAN LAKE, MINN.  
N4652.5-W9415.7.5  
1970  
PHOTOINSPECTED 1980  
AMS 7177 IV NE-SERIES V872

USGS NMD HISTORICAL MAP  
JAN 16 1991  
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