

(North Arrow)
(Scale)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

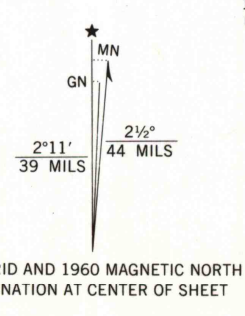
STATE OF MINNESOTA
IRON RANGE RESOURCES AND REHABILITATION COMMISSION

MARR ISLAND QUADRANGLE
MINNESOTA—COOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

(PACIFIC TIME)
(PACIFIC TIME)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1957. Field check 1960
Selected hydrographic data compiled from U. S. Lake Survey
Chart 97 (1958). This information is not intended
for navigational purposes
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 4 meters north and
9 meters east as shown by dashed corner ticks
Map photoinspected 1976
No major culture or drainage changes observed



SCALE 1:24,000
1 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 5 10 KILOMETER
CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS LOW WATER 601.6 FEET



ROAD CLASSIFICATION
Medium-duty ——— Light-duty ———
Unimproved dirt ———
U. S. Route

MARR ISLAND, MINN.
N4745-W9000/7.5
1960
PHOTOINSPECTED 1976
DMA 7979 1 SE-SERIES V872

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

There may be private inholdings within the boundaries of
the National or State reservations shown on this map

DEC 08 1982

1960