

72°39' N
106°15' W
(PINE MOUNTAIN)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
IRON RANGE RESOURCES AND REHABILITATION COMMISSION

KADUNCE RIVER QUADRANGLE
MINNESOTA—COOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

72°39' N
106°15' W
(TOM LAKE)



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1957. Field check 1960

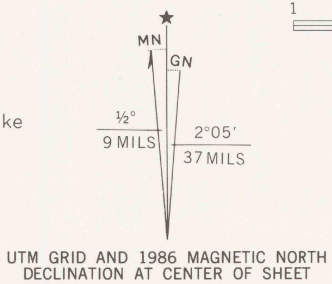
Selected hydrographic data in Lake Superior compiled from U. S. Lake
Survey Chart 97 (1958). This information is not intended for
navigational purposes

Depth curves in other lakes 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

Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked



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



QUADRANGLE LOCATION

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

Revisions shown in purple and woodland compiled from
aerial photographs taken 1984 and other source data
Partial field check by U. S. Forest Service. Map edited 1986

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Unimproved road
Light-duty road, hard or improved surface
Interstate Route
U. S. Route
State Route

KADUNCE RIVER, MINN.

FORMERLY KADUNCE CREEK

47090-G2-TF-024

1960

PHOTOREVISED 1986

DMA 7979 I SW—SERIES Y872

