



Mapped, edited, and published by the Geological Survey in cooperation with the State of Minnesota Department of Conservation and the Iron Range Resources and Rehabilitation Commission

Control by USGS, NOS/NOAA, and International Boundary Commission

Topography by photogrammetric methods from aerial photographs taken 1959. Field checked 1963. Canadian portion copied from International Falls quadrangle (1:250,000) 1954.

Depth curves 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

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

UTM GRID AND 1986 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

THE U.S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

To place on the predicted North American Datum 1983 move the projection lines 5 meters north and 14 meters east as shown by dashed corner ticks

ROAD CLASSIFICATION
Light-duty Unimproved dirt



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 1986

ECHO LAKE, MINN.-ONT.
48092-84-TF-024

1963
PHOTOREVISED 1986
DMA 7580 III NW-SERIES V872

USGS NMD HISTORICAL MAP

APR 2 1987

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