UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FARM LAKE QUADRANGLE
MINNESOTA–LAKE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 GABBRO LAKE 15' QUADRANGLE

7680 III SE (FOURTOWN LAKE)
7680 II SW (BASSWOOD LAKE WEST)
7680 II SE (BASSWOOD LAKE EAST)
7679 IV NE (ELY)
7679 I NE (OJIBWAY LAKE)
7679 IV SE (KANGAS BAY)
7679 I SW (BOGBERRY LAKE)
7679 I SE (GABBRO LAKE)

91°45′ 94 000mE 95 96 42′30″ 97 99 40′ R 11 W R 10 W 01 2 360 000 FEET 91°37′30″
48°00′ 53°16 000mN 53°15 T 64 N T 63 N 53°13 57′30″ 53°12 53°11 55′ 53°08 53°07 53°06 T 63 N 510 000 FEET T 62 N 53°04 47°52′30″
48°00′ 53°16 53°15 53°14 T 64 N T 63 N 53°13 57′30″ 53°12 53°11 53°09 53°08 55′ 53°07 53°06 T 63 N T 62 N 53°04 000mN 47°52′30″
550 000 FEET

BOUNDARY WATERS CANOE AREA WILDERNESS
SUPERIOR NATIONAL FOREST
BEAR ISLAND STATE FOREST
BOUNDARY WATERS CANOE AREA WILDERNESS

Camp Lake
Thirtythree Lake
Newton Lake
Muskeg Creek
Muskeg Lake
Ella Hall Lake
Portage
Mud Lake
Slumber Lake
Sourdough Lake
Newton Falls
Browns Lake
Charlies Island
Mile Island
FALL LAKE
Mukluk Bay
Picnic Area
Boat Ramp
Fall Lake Campground
Sewage Disposal Ponds
Stub Lake
Gravel Pit
Pea Soup Lake
Madden Creek
Dan Lake
Kemptons Lake
Greenstone Lake
Garden Lake
NORMAL RESERVOIR POOL ELEVATION 1385
Pickerel Lake
FARM LAKE
South Farm Lake
Eskwigama Lake
Clear Lake
KAWISHIWI RIVER
SOUTH KAWISHIWI RIVER
Portages

STATE FOREST ROAD
FERNBERG ROAD
WINTER TRAIL
SECTION TIMBER TRAIL
BM 1448

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Planimetry by photogrammetric methods from aerial photographs taken 1976. Topography by photogrammetric methods from aerial photographs taken 1953 and 1956. Revised from aerial photographs taken 1977. Field checked 1978
Map edited 1981

Hydrography compiled from information furnished by Minnesota Department of Natural Resources

Projection and 10,000-foot grid ticks: Minnesota coordinate system, north zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 15
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 5 meters north and 13 meters east as shown by dashed corner ticks

MN GN 0°58′ 17 MILS 2° 36 MILS
UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

MINN.
QUADRANGLE LOCATION

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

FARM LAKE, MINN.
NW/4 GABBRO LAKE 15' QUADRANGLE
N4752.5–W9137.5/7.5

1981

DMA 7679 I NW–SERIES V872

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1982

MAR 10 1982