UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
DEPARTMENT OF ADMINISTRATION

ISLAND QUADRANGLE
MINNESOTA
7.5 MINUTE SERIES (TOPOGRAPHIC)

7378 II SW (SWAN RIVER)
7378 II SE (WAWINA)
7378 II SW (TOIVOLA SW)
7377 I NW (VANDUSE LAKE)
7377 I SE (LITTLE PRAIRIE LAKE)
7377 I SW (BALSAM)
7377 IV NW (FLOODWOOD)
7377 IV SW (PRAIRIE LAKE)

93°07'30" 47°00' 93°00'
46°52'30"
57'30" 55'
5' 2'30"
491 000m.E. 492 493 494 495 496 497 498 498 000m.E.
2 000 000 FEET (NORTH)
2 290 000 FEET (CENTRAL)
2 310 000 FEET (CENTRAL)
2 020 000 FEET (NORTH)
730 000 FEET (CENTRAL)
690 000 FEET (CENTRAL)
170 000 FEET (NORTH)
140 000 FEET (NORTH)
5203 000m.N. 5202 5201 5200 5199 5198 5197 5196 5195 5194 5193 000m.N. 5192

GRAND RAPIDS 29 MI.
WAWINA 5 MI.
1.6 MI. TO U.S. 2
23 MI. TO U.S. 169 JACOBSON 7 MI.
FLOODWOOD 6 MI.
DULUTH 92 MI.
FOREST BOUNDARY
ATKIN CO. ST LOUIS CO.
BURLINGTON NORTHERN
Hartley Spur
Island
TRAIL
PIPELINE
WINTER TRAIL
JEEP TRAIL
LOGGING TRAIL
BOUNDARY
FOREST
ISLAND
SWAMP
FARM
SAVANNA STATE FOREST
HALDEN
SAVANNA PORTAGE STATE PARK
Potshot Lake
Sixteen Creek
Spring
Savanna Ditch
East Judicial Ditch
River
HEADBOOM
BM 1274
BM 1269
BM 1250
BR 1261
BR 1248
T. 52 N.
T. 51 N.
R. 22 W.
R. 21 W.

Mapped, edited, and published by the Geological Survey

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Planimetry by photogrammetric methods from aerial photographs taken 1966. Topography by planetable surveys 1969

Polyconic projection. 1927 North American datum
10,000-foot grids based on Minnesota coordinate system, central and north zones
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

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 0°03' 1 MIL 5° 89 MILS

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

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Primary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
U. S. Route
State Route

MINN.
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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1969
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