UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BIG LAKE QUADRANGLE
MINNESOTA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 ELK RIVER 15' QUADRANGLE

7274 IV NE (BECKER)
7274 I NW (ORROCK)
7274 I NE (LAKE FREMONT)
7274 IV SE (MONTICELLO)
7274 II NW
7274 II NE (ROGERS)
7274 I SE (ELK RIVER)

93°45′ 45°22′30″ 93°37′30″ 45°15′
42′30″ 40′
2 090 000 FEET
860 000 FEET
830 000 FEET
2 070 000 FEET
42 000m E 50 000m E
5024 000m N 11 000m N

R. 27 W. R. 26 W. R. 24 W. R. 23 W.
T. 33 N. T. 32 N. T. 121 N.

Birch Lake 942
Lake Mitchell
Big Lake 923
Keller Lake
Prieuse Lake
Big Lake (BM 942)
Trailer Park
Radio Tower
Gravel Pit
Gravel Pits
Gaging Station
Landing Strip
Bailey
Pelican Lake
Mud Lake
BM 895
BM 969
Cem

ST FRANCIS RIVER
ELK RIVER
Tibbits Brook
MISSISSIPPI RIVER
BIG LAKE
ELK RIVER
SHERBURNE CO
WRIGHT CO
MONTICELLO
OTSEGO

NORTHERN PACIFIC
GREAT NORTHERN

ST. CLOUD 26 MI.
BECKER 7.4 MI.
BUFFALO 14 MI.
MONTICELLO 2.7 MI.
ST. CLOUD 32 MI.
MONTICELLO 2.7 MI.
MONTICELLO 3.5 MI.
ELK RIVER 4.5 MI.
ELK RIVER 3 MI.
MINNEAPOLIS (CH.) 1(1A U.S. 52) 33 MI.
OTSEGO 0.8 MI.
3 MI. TO MINN. 101
ST. MICHAEL 3.8 MI.
(ST. MICHAEL)
ALBERTVILLE 1.8 MI.
MINNEAPOLIS (CH.) 30 MI.
0.6 MI. TO MINN. 152
(BUFFALO EAST)
7274 III NE

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and USCE

Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1961

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, south 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 7 meters north and 18 meters east as shown by dashed corner ticks

Revisions shown in purple compiled from aerial photographs taken 1977. Map edited 1980. This information not field checked

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN 0°29′ 9 MILS
MN 5° 89 MILS

SCALE 1:24 000
1 MILE
1000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
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

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

MINN. QUADRANGLE LOCATION

BIG LAKE, MINN.
N4515—W9337.5/7.5
SW/4 ELK RIVER 15' QUADRANGLE
1961
PHOTOREVISED 1980
DMA 7274 I SW—SERIES V872

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980

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