UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
DEPARTMENT OF ADMINISTRATION

# BIG WOODS SW QUADRANGLE
NORTH DAKOTA – MINNESOTA
7.5 MINUTE SERIES (TOPOGRAPHIC)

6580 IV NE (OAKWOOD)
6580 NE (BIG WOODS NE)
6580 I SE (MINTO)
6580 I NW (BIG WOODS NW)
6580 I SW (BIG WOODS)
6580 II NE (OSLO NE)
6580 II NW
6580 IV SE (ARDOCH)

97°15′ — 97°07′30″ — 48°22′30″ — 48°15′

1 000 000 FEET (MINN.) — 10′ 2 810 000 FEET (N. DAK.) — 10′ 1 010 000 FEET (MINN.) — 2 800 000 FEET (N. DAK.)

710 000 FEET (MINN.) — 510 000 FEET (N. DAK.) — 480 000 FEET (N. DAK.) — 670 000 FEET (MINN.)

T. 157 N. — T. 156 N. — T. 155 N.

R. 51 W. — R. 50 W.

DRAYTON 13 MI. 2.6 MI. TO N. DAK. 17 — 6580 I NW (BIG WOODS NW)

3.7 MI. TO N. DAK. 54 (OSLO) T. 51 N — GRAND FORKS 24 MI. 6580 II NW

MINTO 6 MI.

0.7 MI. TO MINN. 220

A C T O N

P U L A S K I

W A L S H V I L L E

F O R K

B I G W O O D S

BIG WOODS

OAK PARK

WALSH CO
MARSHALL CO

RED RIVER

Forest River

North Fork Red River

Marais River

NORTH DAKOTA
MINNESOTA

Substation

Radio Tower

BM 805

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

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

Polyconic projection. 1927 North American datum
10,000-foot grids based on North Dakota coordinate system, north zone and Minnesota coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 14, shown in blue

To place on the predicted North American Datum 1983 move the projection lines 5 meters north and 25 meters east as shown by dashed corner ticks

Revisions shown in purple compiled from aerial photographs taken 1978. Map edited 1979. This information not field checked

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN — MN — 1° 21′ 24 MILS — 8° 142 MILS

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

CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

NORTH DAKOTA
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND STATE WATER COMMISSION, BISMARCK, NORTH DAKOTA 58501
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980

BIG WOODS SW, N. DAK.—MINN.
N4815—W9707.5/7.5

1966
PHOTOREVISED 1979
DMA 6580 I SW—SERIES V871

USGS
Historical File
Topographic Division

MAY 14 1980

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