UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
DEPARTMENT OF ADMINISTRATION

OSLO QUADRANGLE
MINNESOTA–NORTH DAKOTA
7.5 MINUTE SERIES (TOPOGRAPHIC)

6580 IV SE (MINTO)

6580 I SE (BIG WOODS)

97°15′ — 990 000 FEET (MINN.) — 631 000m E. — R. 51 W. — 632 — 12′30″ — 633 — 10′ — 634 — 637 — 2 820 000 FEET (N. DAK.) — 97°07′30″

48°15′ — 5345 000m N. — 5344 — 660 000 FEET (MINN.) — 5343 — 5342 — 5341 — 12′30″ — 5340 — 5339 — 5338 — 5337 — 10′ — 5336 — 5335 — 5334 — 5333 — 5332 — 48°07′30″

470 000 FEET (N. DAK.)

DRAYTON 22 MI. 11 MI. TO N. DAK. 17

6580 I SW (BIG WOODS SW)

W A L S H V I L L E

O A K P A R K

H I G D E M

T U R T L E R I V E R

Townhall

Poland

St Lukes Ch

Riverside Cem

Oslo

Our Saviors Ch

Cem

Park

BM 808

SOO LINE

WALSH CO
GRAND FORKS CO

MARSHALL CO
WALSH CO

MARSHALL CO
POLK CO

POLK CO
GRAND FORKS CO

NORTH DAKOTA
MINNESOTA

North Branch Marsh River

Marsh River

RED RIVER

Turtle River

S. Marsh R.

COUNTY DITCH NO 13

COUNTY DITCH BR 820 NO 3

BR 807

BR 806

BR 810

T. 155 N.

T. 154 N.

R. 51 W.

6580 III NE (ARDOCH)

(OSLO NE) 6580 I NE

(OSLO SE) 6580 II SE

(MEKINOCK) 6680 II SE

ALVARADO 6 MI.
WARREN 1.7 MI.

GRAFTON 21 MI.
ARDOCH 6 MI.

MANVEL 4.3 MI.
GRAND FORKS 16 MI.

3.7 MI. TO U.S. 81
GRAND FORKS 15 MI.

(MANVEL) 6580 II SW

GREAT NORTHERN

430 000 FEET (N. DAK.)

620 000 FEET (MINN.)

2 800 000 FEET (N. DAK.)

1 010 000 FEET (MINN.)

5332 000m N.

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1982

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

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

MN GN
1° 21′ 24 MILS
8° 142 MILS

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

MINN.
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U.S. Route — State Route
Interstate Route

OSLO, MINN.–N. DAK.
N4807.5—W9707.5/7.5

1966
PHOTOREVISED 1979
DMA 6580 II NW—SERIES V871

FEB 2 2 1983
1975
RETURN TO:
USGS NMD HISTORICAL MAP ARCHIVES