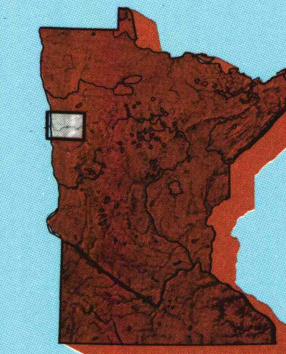


# Ada

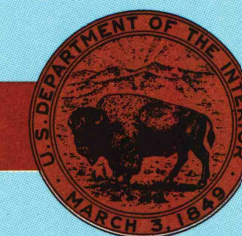
MINNESOTA-NORTH DAKOTA

**1:100 000-scale metric  
topographic map**



30 X 60 MINUTE QUADRANGLE  
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1984  
PHOTOINSPECTED 1991

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1963-1966. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1984.

1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 14 25 000-foot ticks: Minnesota coordinate system, north and central zones, and North Dakota coordinate system, north and south zones

The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875

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

Map photoinspected using 1990-91 photographs  
No major culture or drainage changes found

CONTOUR INTERVAL 5 METERS  
SUPPLEMENTARY CONTOUR INTERVAL 2.5 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

| Meters | Feet    |
|--------|---------|
| 1      | 3.2808  |
| 2      | 6.5617  |
| 3      | 9.8425  |
| 4      | 13.1234 |
| 5      | 16.4042 |
| 6      | 19.6850 |
| 7      | 22.9659 |
| 8      | 26.2467 |
| 9      | 29.5275 |
| 10     | 32.8084 |

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048



|   |   |   |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |

1 Grand Forks  
2 Crookston  
3 Foreston  
4 Hillsboro  
5 Lake Trausta  
6 Casselton  
7 Fargo  
8 Detroit Lakes

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

A.H. ROBINSON  
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University of Wisconsin  
Madison

## Topographic Map Symbols

Primary highway, hard surface  
Secondary highway, hard surface  
Light duty road, principal street, hard or improved surface  
Other road or street; trail  
Route marker: Interstate, U.S. State  
Narrow standard gauge, narrow gauge  
Bridge; overpass; underpass  
Tunnel; road; railroad  
Built up area; locality; elevation  
Airport; landing field; landing strip  
National boundary  
State boundary  
County boundary  
National or State reservation boundary  
Land grant boundary  
U.S. public lands survey: range, township; section  
Range, township; section line: protracted  
Power transmission line; pipeline  
Dike; dike with lock  
Cemetery; building  
Windmill; water wheel; spring  
Mine shaft; edit or cave; mine; gravel pit  
Campground; picnic area; U.S. location monument  
Runs, cliff dwelling  
Distinctive surface: spring, ice, sand  
Contours: index; intermediate, supplementary  
Bathymetric contours: index, intermediate  
Stream, lake; perennial; intermittent  
Rapids, large and small; falls, large and small  
Area to be submerged; marsh, swamp  
Land subject to controlled inundation; woodland  
Slope: vineyard  
Orchard; vineyard

A pamphlet describing topographic maps is available on request

SET

B006 - 9/8. 02

**ADA, MINNESOTA-NORTH DAKOTA**  
47096-A1-TM-100  
1984

