

Prepared by the U. S. Army Topographic Command (BEAM), Washington, D. C. Compiled in 1953 by photogrammetric methods and from United States quadrangles 1:62,500, 1936-73. Planimetry revised from aerial photographs taken 1952. Photographs field annotated 1952. Revised in 1975 by the U. S. Geological Survey from aerial photographs taken 1974.

100,000-foot grid based on North Dakota coordinate system, north and south zones and Minnesota coordinate system, north and central zones.

Location of geoid control established by government agencies is shown on corresponding 1:250,000-scale Geoidetic Control Diagram

**LEGEND**

Figures in red denote approximate distances in miles between stars

**POPULATED PLACES**

- Over 500,000
- 100,000 to 500,000
- 25,000 to 100,000
- 5,000 to 25,000
- 1,000 to 5,000
- Less than 1,000

**ROADS**

- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Grand Coulee Interchange
- Sun Valley

**RAILROADS**

- Single track
- Double or Multiple
- Narrow gauge
- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Park or reservation

**BOUNDARIES**

- International
- State
- County
- Park or reservation

**Other symbols:**

- Landmark: School; Church; Other
- Mine
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 Nautical Miles

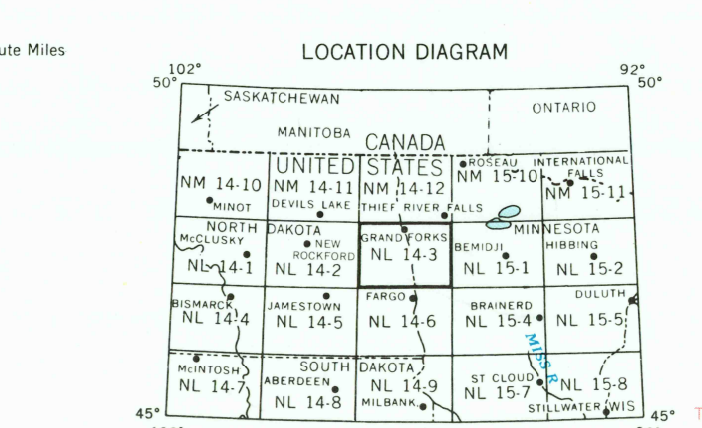
**CONTOUR INTERVAL 50 FEET WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS**

**TRANSVERSE MERCATOR PROJECTION**

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 14

1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 9° (160 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 7° (120 MILES) WESTERLY FOR THE CENTER OF THE EAST EDGE.

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



**SECTIONIZED TOWNSHIP**

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

**GRID ZONE DESIGNATION**

100,000 M. SQUARE IDENTIFICATION

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS**

1. Read letters identifying 100,000 meter square in which the point lies.

2. Locate first (WEST) grid line to left of point and read LABEL figure labeling the grid zone in the top or bottom margin of the line itself.

3. Locate first (SOUTH) grid line below point and read LABEL figure labeling the grid zone in the left or right margin of the line itself.

4. Estimate meters from grid line to point.

5. If reporting beyond 10° in any direction, give Grid Zone Designation, e.g., 18P986000

**USGS GRAND FORKS, N. DAK.; MINN. Historical File**

1952

Topographic Division

REVISED 1975

MAY 23 1978

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