



V502, EDITION 3
 Prepared by the U. S. Army Topographic Command (BETT), Washington, D. C. Compiled in 1954 by photogrammetric methods and from United States, 1:62,500, 1910-50. Planimetry revised from aerial photographs taken 1952. Photographs field annotated 1953. Revised in 1975 by the U. S. Geological Survey from aerial photographs taken 1974.
 100,000 foot grids based on South Dakota coordinate system north zone, Minnesota coordinate system, central and south zone, and North Dakota coordinate system, south zone
 Area covered by light-blue pattern is subject to controlled inundation
 Location of geoid control established by government agencies is shown on corresponding 1:250,000 scale Geoidic 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
- Trail
- Grand Coulee
- Interchange

RAILROADS

- Standard gauge
- Narrow gauge
- Landing area
- Landplane airport
- Light plane airport
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Woods/bushwood
- Power line

BOUNDARIES

- State
- County
- Park or reservation

ROUTE MARKERS: Interstate, U.S., State

LANDMARKS: School, Church, Other

MINE

Spot elevation in feet

Marsh or swamp

Intermittent or dry stream

Woods/bushwood

Power line

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometres

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET

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 81° 11'20" WEST TO 7° 11'20" WEST; EASTERLY FOR THE CENTER OF THE WEST EDGE TO 7° 11'20" WEST; EASTERLY FOR THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM

48° 00' N	98° 00' W	99° 00' W	100° 00' W	101° 00' W	102° 00' W
NL 14-1	NL 14-2	NL 14-3	NL 14-4	NL 14-5	NL 14-6
NL 14-7	NL 14-8	NL 14-9	NL 14-10	NL 14-11	NL 14-12
NL 14-13	NL 14-14	NL 14-15	NL 14-16	NL 14-17	NL 14-18
NL 14-19	NL 14-20	NL 14-21	NL 14-22	NL 14-23	NL 14-24
NL 14-25	NL 14-26	NL 14-27	NL 14-28	NL 14-29	NL 14-30
NL 14-31	NL 14-32	NL 14-33	NL 14-34	NL 14-35	NL 14-36

SECTIONIZED TOWNSHIP

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

SAMPLE POINT: ORTLEY

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

2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.

3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.

4. Estimate meters from grid line to point.

5. Add meters to the large figure on the line itself.

6. If reporting beyond 100' in any direction, give Grid Zone Designation as:

48QUD00

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