



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
 International
 State
 County
 Park or reservation

BOUNDARIES
 State
 County
 Park or reservation

Other symbols:
 Landplane airport
 Landing airport
 Shipplane airport
 Marsh or swamp
 Intermittent or dry stream
 Woods/bushwood
 Power line
 Landmark: School, Church, Other
 Mine
 Spot elevation in feet
 Marsh or swamp

Scale 1:250,000
 0 5 10 15 20 Statute Miles
 0 5 10 15 20 25 30 Kilometers
 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° 10' N	96° 00' W	97° 00' W	98° 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

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
 48° 10' N
 96° 00' W

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 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 grid line number.
 6. Report beyond 100' in any direction.
 7. Report beyond 100' in any direction.

USGS MILBANK, S. DAK.; MINN.; N. DAK.
 Historical File
 Topographic Division
 1953
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