



V502, EDITION 3

Prepared by the U.S. Army Topographic Command (ASX), Washington, D.C. Compiled in 1955 by photogrammetric methods and from United States quadrangles 1:24,000, 1:47,450. Planimetry revised from aerial photographs taken 1951-52. Photographs field annotated 1954. Revised in 1971 by the U.S. Geological Survey from aerial photographs taken 1970.

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic 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

**RAILROADS**

Normal gauge  
Narrow gauge  
Landplane airport  
Landing area  
Seaplane airport  
Seaplane anchorage  
Park or reservation

**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  
Interchange

**BOUNDARIES**

International  
State  
County

**Other Features**

Route markers: Interstate, U.S., State  
Mine  
Landmark: School; Church; Other  
Spot elevation in feet  
Marsh or swamp  
Intermittent or dry stream  
Power line

**LOS ANGELES**  
**OMAHA**  
**GALVESTON**  
**Laramie**  
**Grand Coulee**  
**Sun Valley**

Scale 1:250,000

20 Statute Miles  
30 Kilometers  
15 Nautical Miles

CONTOUR INTERVAL 100 FEET  
WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS  
TRANSVERSE MERCATOR PROJECTION

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

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 13° (230 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 11° (200 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

**LOCATION DIAGRAM**

SASKATCHEWAN MANITOBA CANADA

**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**

14U

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

**SAMPLE POINT: DEERING**

1. Read letters identifying 100,000 meter 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. Estimate tenths from grid line to point.  
4. 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.  
5. Estimate tenths from grid line to point.

**GRID REFERENCE:**

5330000

**MINOT, NORTH DAKOTA**

1954  
REVISED 1971

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