



Prepared by the Defense Mapping Agency Topographic Center (TPC-BETT) Washington, D.C. Compiled in 1954 by photogrammetric methods and from USGS quadrangles 1:24,000, 1949-1950. Field checked 1953. Revised by the U.S. Geological Survey in 1976 from aerial photographs taken 1974.

100,000-foot grid based on South Dakota coordinate system, north and south zones

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: **LOS ANGELES**

100,000 to 500,000: **OMAHA**

25,000 to 100,000: **GALVESTON**

5,000 to 25,000: **Durango**

1,000 to 5,000: **Grand Coulee**

Less than 1,000: **Sun Valley**

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

RAILROADS

Single track Double or Multiple

Standard gauge

Narrow gauge

BOUNDARIES

International

State

County

Park or reservation

Other Symbols:

Landplane airport

Landing area

Seaplane airport

Woods-brushwood

Mine

Landmark: School; Church; Other

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 Nautical Miles

CONTOUR INTERVAL 50 FEET

TRANSVERSE MERCATOR PROJECTION

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

1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 10° (180 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 8½° (150 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

DEKADON NL 13-6	RISHBICK NL 14-4	JAMES TOWN NL 14-5	FARDO NL 14-6	ST. CLOUD NL 15-4
LEMOORE NL 13-9	ANDERSON NL 14-8	MINNEAPOLIS NL 14-9	MINNEAPOLIS NL 15-7	MINNEAPOLIS NL 15-8
PIERRE NL 13-12	PIERRE NL 14-10	PIERRE NL 14-11	PIERRE NL 15-10	PIERRE NL 15-11
SPRINGS NK 13-3	MARTIN NK 14-1	MARTIN NK 14-2	MARTIN NK 14-3	MARTIN NK 15-1
VENTNOR NK 13-6	VENTNOR NK 14-4	VENTNOR NK 14-5	VENTNOR NK 15-4	VENTNOR NK 15-5
ALLIANCE NK 13-9	ALLIANCE NK 14-7	ALLIANCE NK 14-8	ALLIANCE NK 15-6	ALLIANCE NK 15-7

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: 14T

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

SAMPLE POINT: CHURCH

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 LABEL figure showing 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 LABEL figure showing the line either in the left or right margin, or on the line itself.

5. Estimate tenths from grid line to point.

SAMPLE REFERENCE: ME 490

IF REPORTING BEYOND 10' IN ANY DIRECTION, GIVE GRID ZONE DESIGNATION AS: ME 489000

USGS
Historical File
Topographic Division
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