

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 _____

Standard gauge _____ Single track _____

Narrow gauge _____

BOUNDARIES _____

State _____

County _____

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
- Durango Trail
- Grand Coulee Interchange
- State Valley

Route markers: Interstate, U.S., State

Landmarks: School; Church; Other

Spot elevation in feet


Marsh or swamp

Intermittent or dry stream

Power line

LEGEND

Figures in red denote approximate distances in miles between stars

LOS ANGELES  **ROADS**
Primary, all-weather, hard surface

OMAHA Secondary, all-weather, hard surface



GALVESTON Light-duty, all-weather, hard or in process



Durango Fair or dry weather, unimproved


Grand Coulee Trail _____



Interchange _____


Route markers: Interstate, U.S., State _____ (95) (28) (10)


Port _____  Mine _____  _____

_____  Landmark: School; Church; Other.  _____

Port _____  Spot elevation in feet _____ (22)

_____  Marsh or swamp _____ 

Storage _____  Intermittent; or dry stream _____

Food _____  Power line _____

Scale 1:250,000

CONTOUR INTERVAL 200 FEET
TRANSVERSE MERCATOR PROJECT

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 13

1978 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 13° (230 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 11½° (200 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM

NL 13-4 FORTYTHREE MILES CITY NL 13-5	DICKINSON NL 13-1 EKAHOLA MONTEANA NL 13-8 SHERIDAN NL 13-10 NL 13-11 WILLETTE	BISMARCK JAMESTOWN NL 14-4 NL 14-5 NORTH DAKOTA LEMMON NL 13-9 SIOUX FALLS NL 14-7 ABERDEEN NL 14-8	SOUTH DAKOTA HURON NL 14-1 NL 14-11 TICHTEL NL 14-2
NK 13-1 NEWCASTLE WYOMING ARVID NK 13-2 CASPER NK 13-3 TORNADO	NK 13-12 RAPID CITY NK 13-3 HOT SPRINGS NK 13-6 ALLIANCE	PIERRE NK 14-1 MARTIN VALENTINE NEBRASKA NK 14-4 O'NEILL NK 14-5	

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:
13T
10,000 M. SQUARE IDENTIFICATION

			400 6 8
EV	FV	GV	
EU	FU	GU	

IGNORE the SMALLER figures of any and number; these are for finding the full coordinate. ONLY the larger number of the grid number: sample:

480/0000

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 distance 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 tenshms from grid line to point:

SAMPLE REFERENCE: PVR81

If reporting beyond "10" in any direction, prefix Grid Zone Designation, as:

13171

USGS
Historical File
Topographic

RAPID CITY, SOUTH DAKOTA
MAR 24 1979 1953
REVISED 1978

9,150