

PRODUCED BY THE U. S. GEOLOGICAL SURVEY
 Base map prepared by Defense Mapping Agency by photogrammetric methods. Field checked 1954. Revised by the U. S. Geological Survey from aerial photographs taken 1960 and other source data. Revised information not field checked. Map edited 1981.

Area covered by dashed light-blue pattern is subject to controlled inundation.

Transverse Mercator Projection. 10,000-meter Universal Transverse Mercator grid, zone 13. 100,000-foot grid ticks based on New Mexico coordinate system, east and central zones, 1927 North American Datum. To place on the projected North American Datum 1983, move the projection lines 4 meters south and 48 meters east.

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

There may be private inholdings within the boundaries of the National or State reservations shown on this map.

LEGEND

	Figures in red denote approximate distances in miles between stars
	Primary, all-weather, hard surface
	Secondary, all-weather, hard surface
	Light-duty, all-weather, hard or improved surface
	Fair or dry weather, unimproved surface
	Wine
	Grand Coulee
	Interchange
	Route markers: Interstate, U.S., State
	Landplane airport
	Landing area
	Seaplane airport
	Seaplane anchorage
	Woods-brushland
	Power line
	Spot elevation in feet
	Marsh or swamp
	Intermittent or dry stream
	Sun Valley
	School; Church; Other
	Wine

POPOPULATED PLACES

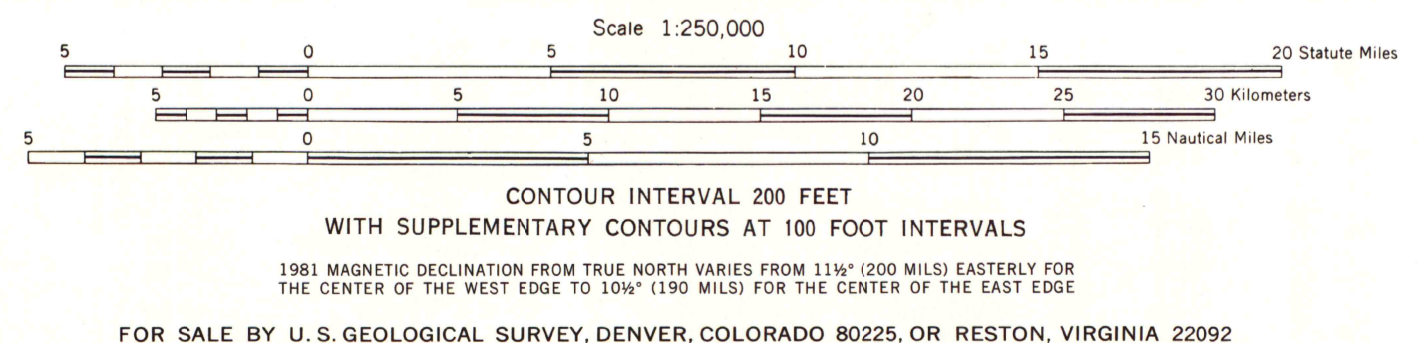
Over 500,000	LOS ANGELES
100,000 to 500,000	OMAHA
25,000 to 100,000	GALESTON
5,000 to 25,000	Durango
1,000 to 5,000	
Less than 1,000	

RAILROADS

- Single track Double or Multiple
- Standard gauge
- Narrow gauge

BOUNDARIES

- International
- State
- County
- Park or reservation



LOCATION DIAGRAM

NEW MEXICO	NJ 12-12	NJ 13-10	NJ 13-11	NJ 13-12	NJ 13-13	OKLAHOMA	NJ 14-10
	NJ 12-11	NJ 13-09	NJ 13-10	NJ 13-11	NJ 13-12		NJ 14-11
	NJ 12-10	NJ 13-08	NJ 13-09	NJ 13-10	NJ 13-11		NJ 14-12
	NJ 12-09	NJ 13-07	NJ 13-08	NJ 13-09	NJ 13-10		NJ 14-13
	NJ 12-08	NJ 13-06	NJ 13-07	NJ 13-08	NJ 13-09		NJ 14-14
	NJ 12-07	NJ 13-05	NJ 13-06	NJ 13-07	NJ 13-08		NJ 14-15
	NJ 12-06	NJ 13-04	NJ 13-05	NJ 13-06	NJ 13-07		NJ 14-16
	NJ 12-05	NJ 13-03	NJ 13-04	NJ 13-05	NJ 13-06		NJ 14-17
	NJ 12-04	NJ 13-02	NJ 13-03	NJ 13-04	NJ 13-05		NJ 14-18
	NJ 12-03	NJ 13-01	NJ 13-02	NJ 13-03	NJ 13-04		NJ 14-19
	NJ 12-02	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-20
	NJ 12-01	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-21
	NJ 11-20	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-22
	NJ 11-19	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-23
	NJ 11-18	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-24
	NJ 11-17	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-25
	NJ 11-16	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-26
	NJ 11-15	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-27
	NJ 11-14	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-28
	NJ 11-13	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-29
	NJ 11-12	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-30
	NJ 11-11	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-31
	NJ 11-10	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-32
	NJ 11-09	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-33
	NJ 11-08	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-34
	NJ 11-07	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-35
	NJ 11-06	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-36
	NJ 11-05	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-37
	NJ 11-04	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-38
	NJ 11-03	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-39
	NJ 11-02	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-40
	NJ 11-01	NJ 13-00	NJ 13-01	NJ 13-02	NJ 13-03		NJ 14-41

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: 13S

100,000 M. SQUARE IDENTIFICATION: DJ 30

TO ONE STANDARD REFLECTION ON THIS SHEET TO NEAREST 100 METERS

SAMPLE POINT:

- 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 LAST two figures marking the line either in the top or bottom margin, or on the left side.
- 3 Estimate tenths from grid line to point.
- 4 Locate first HORIZONTAL grid line to RIGHT of point and read LAST two figures marking the line either in the top or bottom margin, or on the left side.
- 5 Estimate tenths from grid line to point.

SAMPLE REFERENCE:

IF READING FROM 12° IN ANY DIRECTION, PERFORM CORRECTION, SEE NOTE ON PAGE 3.