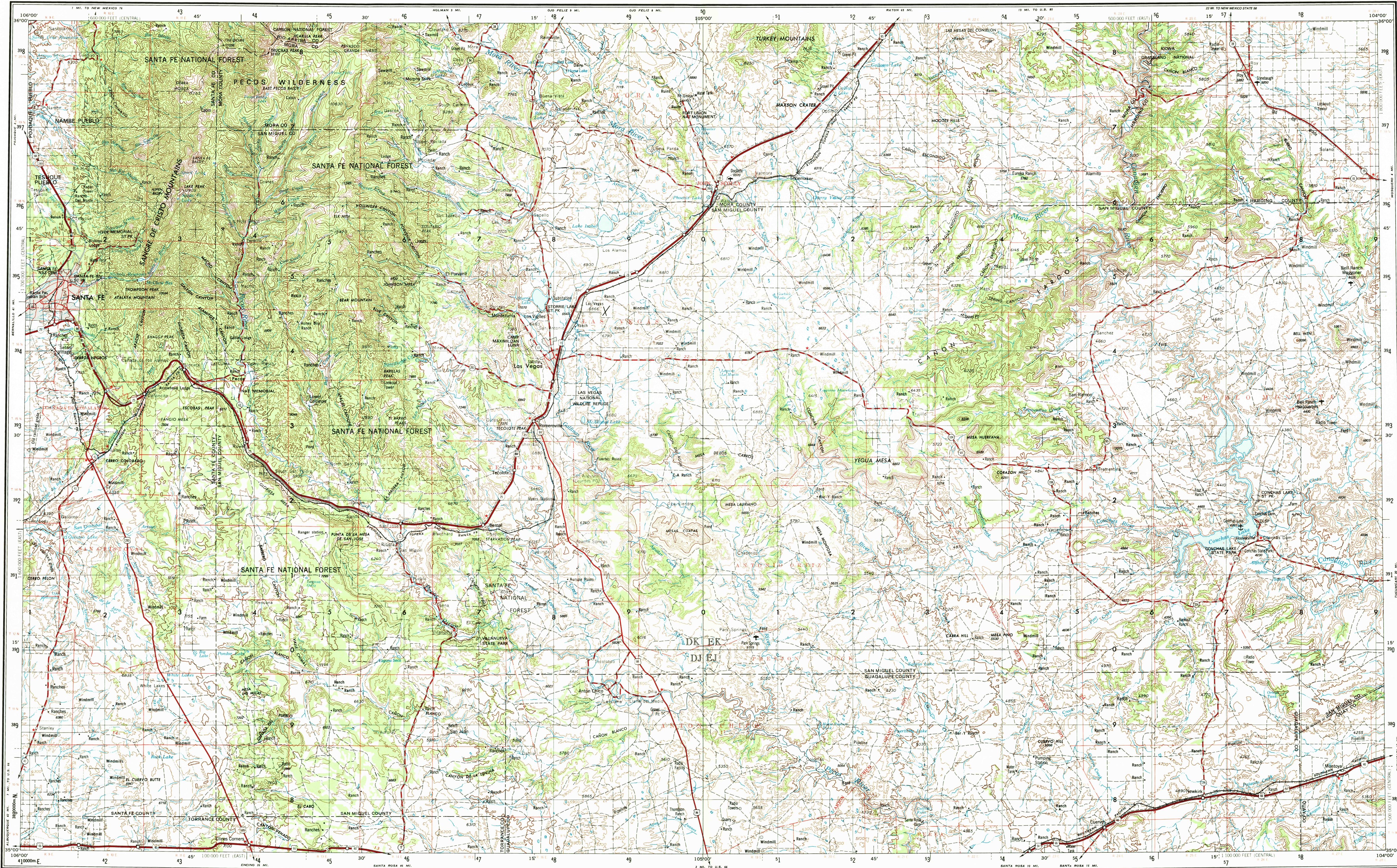




PRODUCED BY THE U. S. GEOLOGICAL SURVEY

Base map prepared by Defense Mapping Agency by photogrammetric methods and from 1:24,000 and 1:62,500-scale maps dated 1953 and 1954. Field checked 1954. Revised by the U. S. Geological Survey from aerial photographs taken 1975, 1976 and 1979 and other source data. Revised information not field checked. Map edited 1982.

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 predicted North American Datum 1983 move the projection lines 1 meter south and 48 meters east.

Certain land grant names and boundaries are omitted to avoid congestion.

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.

**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
- Interchange
- Route markers: Interstate, U.S., State

**RAILROADS**

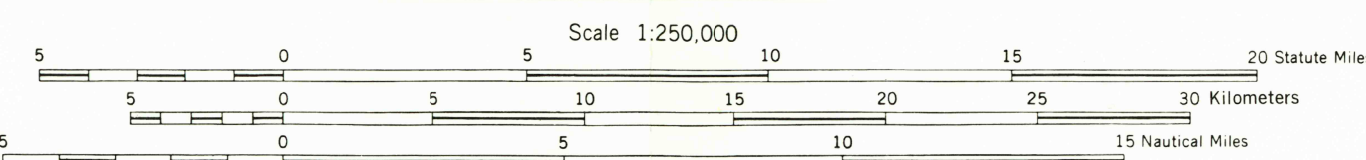
- Normal gauge
- Narrow gauge
- Single track double or multiple

**BOUNDARIES**

- International
- State
- County
- Park or reservation

**Other Symbols**

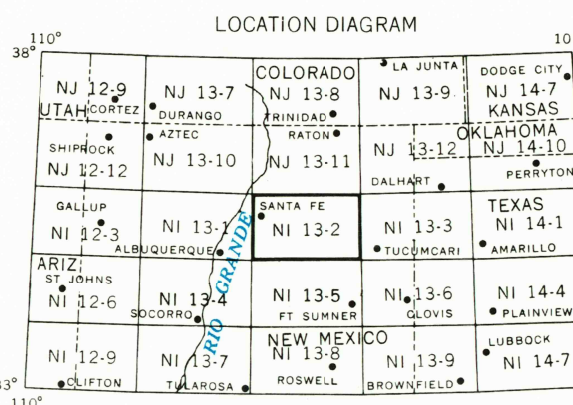
- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood
- Mine
- Landmark: School, Church, Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line



CONTOUR INTERVAL 200 FEET  
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

1982 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 11W (204 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 10W (187 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

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



**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**

DK EK

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

**SAMPLE POINT: CA RANCH**

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.

**SAMPLE REFERENCE:**

If reporting beyond 18" in any direction, prefix Grid Zone Designation, as:

3880000

3880000

SANTA FE, NEW MEXICO  
1954  
REVISED 1982

RETURN TO:  
USGS AND HISTORICAL MAP ARCHIVES

7/5/64