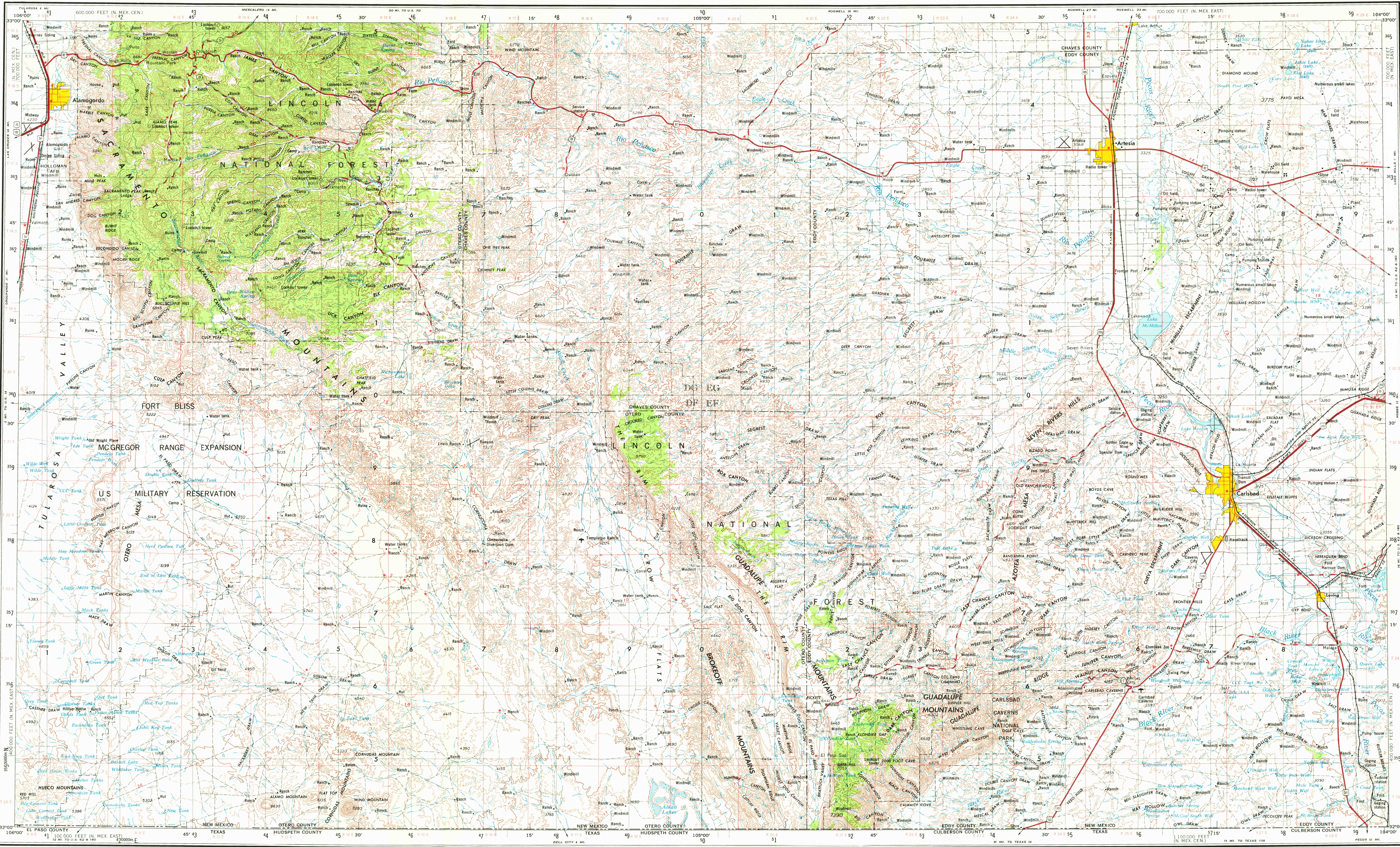




V502, EDITION 4

Prepared by the U.S. Army Topographic Command (BESX), Washington, D.C. Compiled in 1955 by photogrammetric methods from aerial photographs taken 1954 and from United States quadrangles 1:24,000, 1:50,000, and 1:62,500, 1940-53. Photographs field annotated 1954. Revised in 1972 by the U.S. Geological Survey from aerial photographs taken 1972.

100,000-foot grid based on New Mexico coordinate system, east and central 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
- 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
- Fair or dry weather, unpaved surface
- Trail
- Interchange

RAILROADS

- Standard gauge
- Narrow gauge
- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Park or reservation

BOUNDARIES

- International
- State
- County

Other symbols: Sun, Sandmark, 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 Kilometres

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 200 FEET

WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

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

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 12° 42' WEST TO 11° 10' WEST EAST OF THE CENTER OF THE WEST EDGE TO 11° 10' WEST WEST OF THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM

SECTIONIZED TOWNSHIP

GRID ZONE DESIGNATION: 13S

TO GIVE A STANDARD REFERENCE TO THIS SHEET TO NEAREST 100 METRES

SAMPLE POINT: LEWIS RANCH

1. Read letters identifying 100,000 metre square in which the point lies.

2. Locate first WESTING 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 NORTHING grid line to 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.

6. Sample reference.

7. Reporting format 1F in any direction, giving Grid Zone Designation, etc.

13S 18 17 16 15 14 13

19 20 21 22 23 24

30 29 28 27 26 25

31 32 33 34 35 36

13S 18 17 16 15 14 13

19 20 21 22 23 24

30 29 28 27 26 25

31 32 33 34 35 36

USGS CARLSBAD, NEW MEXICO; TEXAS

Historical File

Topographic Division

1954

REVISED 1972