

V502, EDITION 3
Prepared by the U.S. Army Topographic Command (TPACKCSX), Washington, D.C. Compiled in 1961 by photogrammetric methods and from United States quadrangles, 1:50,000 and 1:62,500, 1938-43. Planimetry revised from aerial photographs taken 1956-58. Photographs field annotated 1958. Revised by the U.S. Geological Survey 1969.
100,000-foot grid based on Texas coordinate system, south central zone. 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
 Light-duty, all-weather, improved surface
 Fair or dry weather, unimproved surface
 Trail
 Interchange
 Sun Valley

RAILROADS
 Normal gauge
 Narrow gauge
 Landplane airport
 Landing area
 Seaplane airport
 Windmill
 Track or reservation

BOUNDARIES
 International
 State
 County
 Park or reservation

Landmark: School; Church; Other
 Spot elevation in feet
 Marsh or swamp
 Intermittent or dry stream
 Power line

LOS ANGELES
OMAHA
GALVESTON
Laramie
Grand Coulee

Scale 1:250,000

5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
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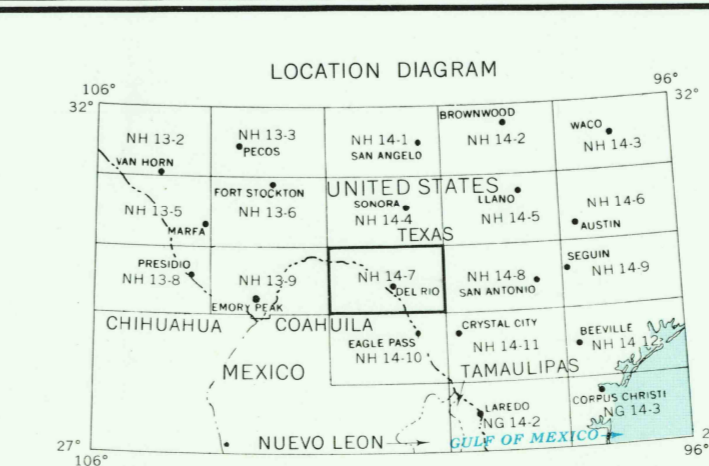
CONTOUR INTERVAL 100 FEET WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

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

1965 MAGNETIC DECLINATION FROM TRUE NORTH FOR THIS SHEET VARIES FROM 105° (100 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 95° (170 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

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



GRID ZONE DESIGNATION
 100,000 M SQUARE IDENTIFICATION

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

SAMPLE POINT - CATA VALLEY

1. Read letters identifying 100,000 metre square in which the point lies.
 2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the east margin from the top or bottom margin, or on the line space between margins.
 3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the east margin from the top or bottom margin, or on the line space between margins.
 4. Estimate tenths from grid line to point.

SAMPLE REFERENCE:
 If reporting bearing 187° in any direction, prefix Grid Zone Designation, as: 148LN8887

example: 3270000