V502, EDITION 3

Prepared by the U. S. Army Topographic Command (AJEE), Washington, D. C. Compiled in 1954 by photogrammetric methods from aerial photographs taken 1952–1953. Photographs field annotated 1954. Revised in 1974 by the U. S. Geological Survey from aerial photographs taken 1973.

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

100,000-foot grids based on Texas coordinate system, north central 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 — LOS ANGELES
- 100,000 to 500,000 — OMAHA
- 25,000 to 100,000 — GALVESTON
- 5,000 to 25,000 — Durango
- 1,000 to 5,000 — Grand Coulee
- Less than 1,000 — Sun Valley

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

BOUNDARIES
- International
- 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
- Trail
- Interchange
- Route markers: Interstate, U.S., State

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

Scale 1:250,000

5 0 5 10 15 20 Statute Miles

5 0 5 10 15 20 25 30 Kilometres

5 0 5 10 Nautical Miles

CONTOUR INTERVAL 100 FEET

TRANSVERSE MERCATOR PROJECTION

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

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 9½° (170 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 8½° (150 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

NI 13-6 CLOVIS	NI 14-4 PLAINVIEW	LAWTON NI 14-5	OKLAHOMA NI 14-6 ALTUS AFB/ALTUS	MUNICIPAL NI 15-4
NI 13-9 BROWNFIELD	LUBBOCK NI 14-7	WICHITA FALLS NI 14-8	SHERMAN NI 14-9	NI 15-7 TEXARKANA
NI 13-12 HOBBS	NI 14-10 BIG SPRING	NI 14-11 ABILENE	DALLAS NI 14-12	NI 15-10 TYLER
NH 13-3 PECOS	NH 14-1 SAN ANGELO	BROWNWOOD NH 14-2	WACO NH 14-3	PALESTINE NH 15-1
FORT STOCKTON NH 13-6	SONORA NH 14-4	LLANO NH 14-5	NH 14-6 AUSTIN	NH 15-4 BEAUMONT

104° 35° 94° 30°

GRID ZONE DESIGNATION: 14S (100,000 M SQUARE IDENTIFICATION)	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METRES
MM NM / ML NL	SAMPLE POINT: STAFF
IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number; example: 35[0]000	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 line either in the top or bottom margin, or on the fine draft. Estimate tenths from grid line to point: 3 Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the fine draft. Estimate tenths from grid line to point:
	SAMPLE REFERENCE: 91.787[9]
	If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 14SNL787[9]

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1976

ABILENE, TEXAS
1954
REVISED 1974