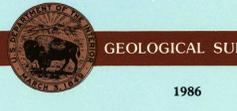




30 X 60 MINUTE QUADRANGLE SHOWING

- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1957-1984. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1986.
 Projection and 10 000-meter grid, zone 14 Universal Transverse Mercator
 25 000-foot grid ticks based on Texas coordinate system, central zone, 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 12 meters south and 35 meters east

NATIONAL GEODETIC VERTICAL DATUM OF 1929 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

| CONVERSION TABLE | | DECLINATION DIAGRAM | | ADJOINING MAPS | | |
|------------------|---------|---------------------|--|----------------|---|---|
| Meters | Feet | MAGNETIC | | 1 | 2 | 3 |
| 1 | 3.2808 | 1947 | | 1 | 2 | 3 |
| 2 | 6.5617 | 1948 | | 4 | 5 | |
| 3 | 9.8425 | 1949 | | 6 | 7 | 8 |
| 4 | 13.1234 | 1950 | | | | |
| 5 | 16.4042 | 1951 | | | | |
| 6 | 19.6850 | 1952 | | | | |
| 7 | 22.9659 | 1953 | | | | |
| 8 | 26.2467 | 1954 | | | | |
| 9 | 29.5276 | 1955 | | | | |
| 10 | 32.8084 | 1956 | | | | |

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

ITM grid convergence (GNI and 1986 magnetic declination) shown at center of map. Diagram is approximate.

1 Bag Spring
 2 Sweetwater
 3 Abilene
 4 Commanche
 5 Lake Lake
 6 San Angelo
 7 Blythe

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



Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street; trail
- Route marker: Interstate, U. S. State
- Railroad: standard gage; narrow gage
- Bridge; overpass; underpass
- Tunnel: road, railroad
- Built up area; locality; elevation
- Airport; landing field; landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public lands survey: range, township, section
- Range, township, section lines projected
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry, gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake: perennial; intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Soak; mangrove
- Orchard; vineyard

