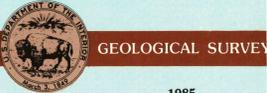




30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and 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 1957-1983. Planimetry revised from aerial photographs taken 1984 and other source data. Revised information not field checked. Map edited 1985
 1927 North American Datum (NAD 27). Projection and 10 000-meter-grid: Universal Transverse Mercator, zone 14 25 000-foot ticks. Texas coordinate system north central and central zones
 The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL: 10 METERS
 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 | | 1 | 2 | 3 | 4 | 5 |
| 1 | 3.2808 | | 1 | 2 | 3 | 4 | 5 |
| 2 | 6.5617 | | 4 | 5 | 6 | 7 | 8 |
| 3 | 9.8425 | | | | | | |
| 4 | 13.1234 | | | | | | |
| 5 | 16.4042 | | | | | | |
| 6 | 19.6850 | | | | | | |
| 7 | 22.9659 | | | | | | |
| 8 | 26.2467 | | | | | | |
| 9 | 29.5275 | | | | | | |
| 10 | 32.8084 | | | | | | |

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

UTM grid convergence (GN) and magnetic declination (MD) at center of map. Diagram is approximate

1 Snyder
 2 Standard
 3 Mineral Wells
 4 Sweetwater
 5 Sulphur
 6 Robert Lee
 7 Coleman
 8 Comanche



Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, no hard surface
- Road 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 line: protected
- 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
- Disturbed surface: strip mine, levee, 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
- Scrub; mangrove
- Orchard; vineyard

