

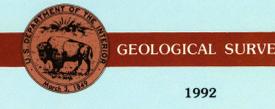
Encino TEXAS

1:100 000-scale metric topographic map



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 1:250 000-scale topographic maps dated 1963-1982. Planimetry revised from aerial photographs taken 1987-1988 and other source data. Revised information not field checked. Map edited 1992.
 1927 North American Datum (NAD 27). Projection and 10 000-meter grid. Universal Transverse Mercator, zone 14 25 000-foot ticks. Texas coordinate system south zone.
 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.

CONTOUR INTERVAL 10 METERS
 SUPPLEMENTARY CONTOUR INTERVAL: 5 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	1983	1984	1	2	3
1	3.2808	11° 15'	11° 16'	1	2	3
2	6.5617	11° 16'	11° 17'	4	5	
3	9.8425	11° 17'	11° 18'	6	7	8
4	13.1234	11° 18'	11° 19'			
5	16.4042	11° 19'	11° 20'			
6	19.6851	11° 20'	11° 21'			
7	22.9659	11° 21'	11° 22'			
8	26.2468	11° 22'	11° 23'			
9	29.5276	11° 23'	11° 24'			
10	32.8085	11° 24'	11° 25'			

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048
 UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map (Degrees in parentheses)
 1 San Vincente
 2 Ballentine
 3 Bull Run
 4 Zapata
 5 Fort Mansfield
 6 Roma-Los Saenz
 7 Mc Allen
 8 Hartlingen

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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
- Road marker, intersection, 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
- Quarry, open-pit, rock
- Cemetery, building
- Windmill, water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Campground, picnic area, U. S. location monument
- Ruins, old dwelling
- Distorted surface: strip mine, levee, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake, reservoir, intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged, marsh, swamp
- Land subject to controlled inundation, woodland
- Soils, mangrove
- Dredge, viaduct

