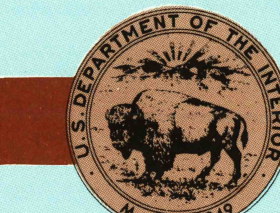


30 X 60 MINUTE QUADRANGLE SHOWING

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



GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1959-1965. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked. Map edited 1985.

Projection and 10 000-meter grid, zone 14. Universal Transverse Mercator. 25 000-foot grid ticks based on Texas coordinate system, south central zone. 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 22 meters south and 26 meters east.

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	0°46'	1°34'	1	2	3
1	3.2808			4	5	
2	6.5617					
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 (IGS) and 1983 magnetic declination (M11) at center of map. Diagram is approximate.

ADJOINING MAPS
1 New Braunfels
2 Eagle Lake
3 San Antonio
4 El Campo
5 Pleasanton
6 Goliad
7 Port Lavaca

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
- Road marker: Interstate, U. S.; State
- Railroad: standard gage, narrow gage
- Bridge: concrete, endspan
- 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, unpatented
- Power transmission line: pipeline
- Dam: dam with lock
- Cemetery: building
- Windmill; water well; spring
- Mine shaft; adit or ore vein; quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Barometric 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; meadow
- Orchard; vineyard

