

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1960–1964. Planimetry revised from aerial photographs taken 1981–1983 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 grid ticks: Texas coordinate system south central 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

There may be private inholdings within the boundaries of the National or State reservations shown on this map

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				
1	3.2808			1	San Antonio
2	6.5617			2	Cuero
3	9.8425			3	El Campo
4	13.1234			4	Pearland
5	16.4042			5	Port Lavaca
6	19.6850			6	George West
7	22.9658			7	Beverly
8	26.2467			8	San Antonio
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 NAD magnetic declination (MN) at center of map Diagram is approximate			

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USGS AND HISTORICAL
MAP ARCHIVES

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Topographic Map Symbol

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, gravelled surface, 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	
Build 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	
Wetland, water, well, spring	
Mine shaft, oil or cave; mine, quarry, gravel pit	
Campground, picnic area, U. S. location monument	
Rail, oil, drilling	
Disturbed surface: strip mine, levee, sand	
Contour: index, intermediate, supplementary	
Bathymetric contours: index, intermediate	
Stream, lake: perennial, intermittent	
Recess, large and small, lake, large and small	
Area to be submerged, marsh, swamp	
Land subject to controlled inundation, woodland	
Swamp, mangrove	
Orchard, vineyard	

A pamphlet describing topographic maps is available on request.