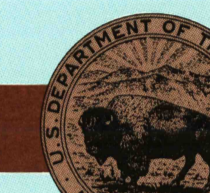


- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1959-1965. Planimetry revised from aerial photographs taken 1961 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.

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	True	Magnetic	1	2	3
1	3.2808		7° 15' W	1	1	1
2	6.5616			4	4	4
3	9.8424			7	7	7
4	13.1232			10	10	10
5	16.4040			13	13	13
6	19.6848			16	16	16
7	22.9656			19	19	19
8	26.2464			22	22	22
9	29.5272			25	25	25
10	32.8080			28	28	28

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

UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map. Diagram is approximate.

1 New Braunfels
2 Seguin
3 San Antonio
4 San Antonio
5 El Comiso
6 Pleasanton
7 Collier
8 Port Lavaca

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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: Interstate, U. S. State
- Railroad: standard gauge; narrow gauge
- 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: survey; range, township; section
- U. S. public lands survey: range, township; section
- Range, township; section line: protruded
- Power transmission line: pipeline
- Dam; dam with lock
- Cemetery: building
- Widened; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Rune; cliff dwelling
- Disturbed surface: strip mine; lava; sand
- Colors: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake: perennial; intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged: marsh, water
- Land subject to controlled inundation: woodland
- Orchard; vineyard

