



USGS
science for a changing world

Austin

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

GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1973-1982. Planimetry revised from aerial photographs taken 1981 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 central and south 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 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U.S. GEOLOGICAL SURVEY
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CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	1983	1983	1	2
1	3.2808	0°	0°	1	2
2	6.5617	15°	15°	3	4
3	9.8425	30°	30°	5	6
4	13.1234	45°	45°	7	8
5	16.4042	60°	60°		
6	19.6850	75°	75°		
7	22.9659	90°	90°		
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: 0 m and 180 m approx. at center of map
 Diagram is approximate

1 Llano
 2 Taylor
 3 Brown
 4 Pedernales River
 5 Georgetown
 6 New Braunfels
 7 Seguin
 8 Eagle Lake

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 HISTORICAL MAP ARCHIVES

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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	
Route 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: protracted	
Power transmission line; pipeline	
Dam; dam with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; salt or cave; mine; quarry; gravel pit	
Compass rose; picnic area; U. S. location monument	
Ruin; cliff dwelling	
Distorted surface: strip mine, lava; 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	