

Crystal City TEXAS

1:100 000-scale
planimetric map

30 X 60 MINUTE QUADRANGLE
SHOWING

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

GEOLOGICAL SURVEY
1985

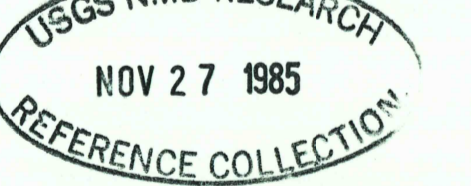
Produced by the United States Geological Survey
 Compiled from USGS 1:250 000-scale topographic maps dated 1964-1974. Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1985.
 Projection and 10 000-meter grid, zone 14 Universal 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 23 meters south and 31 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			1	2
2	6.5617			4	5
3	9.8425			6	7
4	13.1234			8	8
5	16.4042			1 Dd Rio 2 Uvalde 3 San Antonio 4 Eagle Pass 5 Pleasanton 6 San Antonio 7 Comita 8 Geart West	
6	19.6850			To convert meters to feet multiply by 3.2808 To convert feet to meters multiply by 0.3048	
7	22.9659			UTM grid convergence (GM) and 1983 magnetic declination (MN) at center of map (Diagram is approximate)	
8	26.2467				
9	29.5275				
10	32.8084				

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 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	
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	
Dam, dam with lock	
Cemetery, building	
Windmill, water well, spring	
Mine shaft, well, cave, mine, quarry, gravel pit	
Campground, 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	
Sand; mangrove	
Orchard, vineyard	

