



31099-A1-TM-100

Brady

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 1960-1979. Planimetry revised from aerial photographs taken 1965 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 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.

CONTOUR INTERVAL 10 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS GIVEN TO THE NEAREST METERS

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet	0° 15'	133 MILES	1	2	3	4
1	3.2808			1	2	3	4
2	6.5616			5	6		
3	9.8424			7	8		
4	13.1232						
5	16.4040						
6	19.6848						
7	22.9656						
8	26.2464						
9	29.5272						
10	32.8080						

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

UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map
 Diagram is approximate

1 Robert Lee
 2 Coleman
 3 Comanche
 4 San Angelo
 5 San Saba
 6 Sonora
 7 Mason
 8 Llano

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: intersection, 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	
U. S. public lands survey: range, township, section	
Range, township; section line: protected	
Power transmission line; pipeline	
Dam; dam with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; ast or cave; mine, quarry; gravel pit	
Campground; picnic area; U. S. location monument	
Pit; cliff dwelling	
Distorted surface strip mine, low, sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Stream, lake: perennial; intermittent	
Recess, large and small; salt, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Sandy; mangrove	
Orchard; vineyard	