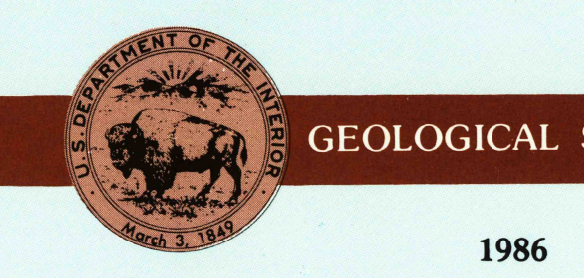


30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and 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 1951-1979. Planimetry revised from aerial photographs taken 1984-85 and other source data. Revised information not field checked. Map edited 1986.

Projection and 10 000-meter grid, zone 14 Universal Transverse Mercator

25 000-foot grid ticks based on Texas coordinate system, north central and central zones, 1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 10 meters south and 38 meters east

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 METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	0°	90°	1	2	3
1	3.2808		120°	1	2	3
2	6.5616			4	5	
3	9.8424			6	7	
4	13.1232			8		
5	16.4040					
6	19.6848					
7	22.9656					
8	26.2464					
9	29.5272					

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

UTM grid convergence (GM) and 1986 magnetic declination (MD) at center of map. Diagram is approximate.

3 Seminole  
 2 Lawrence  
 4 Andrews  
 5 Scurry  
 6 Odessa  
 7 Terry Creek  
 8 Robert Lee

USGS NMD 1408-3000-MAAS. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

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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: intermediate, U. S. State
- Railroad: standard gage, narrow gage
- Bridges: 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; pre-treaty
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery, building
- Windsail; water well, spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins; 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

