



31097-E1-TM-1

Waco

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

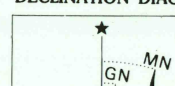
1985

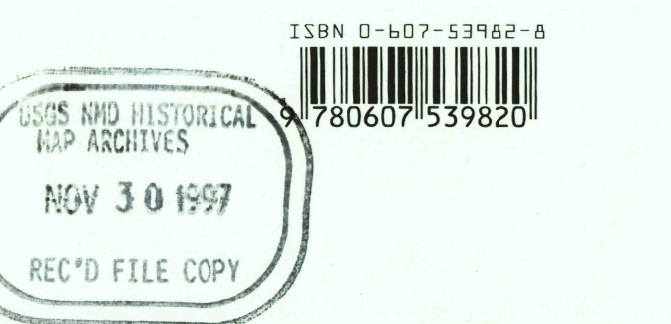
Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1955-1968. Planimetry revised from aerial photography taken 19781 and other source data. Revised information not field checked. Map edited 1985.
1927 North American Datum (NAD 27). Projection and 10 000-meter-grid: Universal Transverse Mercator, zone 14 25 000-foot ticks. Texas coordinate system central and north 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 METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY,
P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING		
Meters	Feet		1	2	
1	3.2808		1	2	
2	6.5617				
3	9.8425				
4	13.1234				
5	16.4042				
6	19.6850				
7	22.9659				
8	26.2467				
9	29.5276				
10	32.8084				
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1983 magnetic declination (MD) at center of map Diagram is approximate	1	2	
To convert feet to meters multiply by 0.3048			3	4	
			5	6	
			7	8	



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 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; adit or cave; mine, quarry; gravel pit	
Campground; picnic area; U. S. location monument	
Ruins; cliff dwelling	
Disturbed surface; strip mine; lava; sand	
Contour; 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	

A pamphlet describing topographic maps is available on request

WACO, TEXAS
31097-E1-TM-100
1985