



Compiled from USGS 1:24 000-scale topographic maps
dated 1961-1969. Partially revised from aerial
photographs taken 1981 and 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,
north central and central zones. 1927 North American Datum
To place on the predicted North American Datum 1983 move
the projection lines 11 meters south and 31 meters east

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808			4	5	6
2	6.5617			7	8	9
3	9.8425			10		
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GM) and 1980 magnetic declination (MM) at center of map. Diagram is approximate		1 Stamford	2 Mineral Wells	3 Fort Worth
To convert feet to meters multiply by 0.3048				4 Abilene	5 Cleburne	6 Coleman
				7 Comanche	8 Waco	

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, gravel, dirt, or improved surface	
Other road or street, trail	
Route marker: Interstate, U. S. State	
Bridges: railroad piers; narrow gage	
Railroad; overpass; underpass	
Tunnel; road, railroad	
Soil 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 range; range, township, section	
Road, township, section line; protected	
Power transmission line; pipeline	
Dam; den with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; salt or mine; quarry; gravel pit	
Campground; picnic area; U. S. location monument	
River; cliff dwelling	
Disturbed surface; strip mine; lake, sand	
Contour; index, intermediate; supplementary	
Bathymetric contours; index, intermediate	
Stream, lake; perennial; intermittent	
Rapids, large and small; falls, large and small	
Land to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Scrub; mangrove	
Ochard; vineyard	

A pamphlet describing topographic maps is available on request.