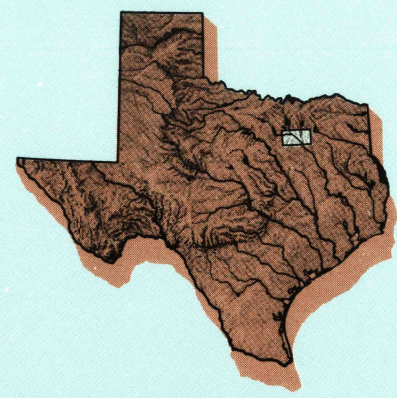
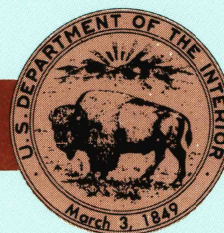


**1:100 000-scale *metric*
topographic map**



**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

1986

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps
dated 1958–1980. Planimetry revised from aerial
photographs taken 1981 and other source data
Revised information not field checked

Projection and 10 000-meter grid, zone 14
Universal Transverse Mercator
25 000-foot grid ticks based on Texas coordinate
system, north central zone. 1927 North American Datum
To place on the predicted North American Datum 1983 move
the projection lines 11 meters south and 25 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

Meters	Feet
1	3.2808
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	32.8094

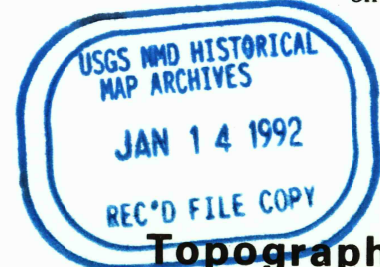
To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

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

1	2	3
1 Denton	2 Midway	3 Sulphur Springs
4 Fort Worth	5 Micoosa	6 Cleburne
7 Conisancas	8 Tyler	

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 road, hard or improved surface	
Other road or street, trail	
Route marker: Interstate, U. S. State	
Railroad: standard gauge, narrow gauge	
Railroad: overpass, underpass	
Tunnel: road, railroad	
Built up area: locally, elevation	
Airport, landing field, landing strip	
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; den with lock	
Cemetery: building	
Windmill; water well; spring	
Mine shaft; oil or mine mine; quarry; gravel pit	
Geographical, picnic area; U. S. location monument	
Ruin; cliff dwelling	
Disturbed surface: strip mine, lava, sand	
Contour: index, intermediate, supplementary	
Recreational features: 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	
Swamp, meadow	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request.

