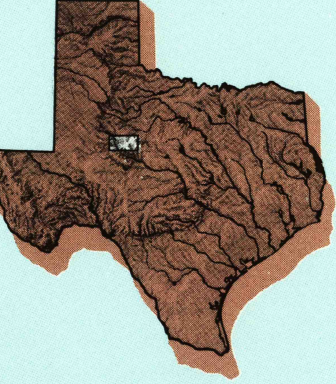


Sweetwater

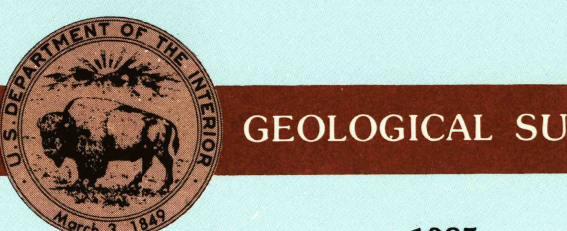
TEXAS

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



1985

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1959-1984. Planimetry revised from aerial photographs taken 1982 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 10 meters south and 36 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

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	32.8084

To convert meters to feet

multiply by 3.2808

To convert feet to meters

multiply by 0.3048

DECLINATION DIAGRAM

The diagram shows a vertical line representing True North (N) and a line representing Magnetic North (M) that is tilted to the right. The angle between them is labeled as 0°40' 14". Below the lines, it says 14 MILS.

UTM grid convergence

(IGN) and magnetic

declination (NAD)

at center of map

Diagram is approximate

ADJOINING MAPS

1	2
4	
6	7

1 Lamesa

2 Snyder

3 Stamford

4 Big Spring

5 Abilene

6 Lucy Creek

7 Robert L.

8 Coleman

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

U.S.G.S. HISTORICAL MAP

JAN 0 1 1989

REC'D FILE COPY

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	
Railroad: standard gauge, narrow gauge	
Bridge: overpass; underpass	
Tunnel: road; railroad	
Built up area: locality, elevation	
Airport: landing field; landing strip	
Natural boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land grant boundary	
U. S. public lands survey: range, township, section	
Rungs, 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	
Ruin; cliff dwelling	
Disturbed surface: strip mine, lava, sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Stream, lake: perennial; intermittent	
Reef; large and small; bath, 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

SWEETWATER, TEXAS

32100-A1-TM-100

1985