



Compiled from USGS 1:24 000-scale topographic maps
dated 1963–1982. 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, central zone. 1927 North American Datum
To place on the predicted North American Datum 1983 move
the projection lines 15 meters south and 35 meters east

NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARD

Meters	Fath
1	3.2998
2	5.1817
3	8.8425
4	13.124
5	16.808
6	22.969
7	26.2467
8	29.5276
10	32.8084

DECLINATION DIAGRAM

GN
MN
14.60°
14 MILES
142 MILES

	1	2	3
4	2	4	5
6	7	8	

UTM grid coordinates (GN) and 1986 magnetic declination (MN) at center of map

Diagram is approximate

1 Big Lake
2 San Angelo
3 Brady
4 Chisna
5 Mason
6 Devils Draw
7 Rocksprings
8 Kerrville

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

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

USGS NMD HISTORICAL MA

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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, bad | |
| Road marker: Interstate, U. S. State | |
| Railroad: standard gauge; narrow gauge | |
| Bridge; 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: range, township; section | |
| Road, township; section line; protruded | |
| Power, water transmission line; pipeline | |
| Dam; dam with lock | |
| Cemetery; building | |
| Windmill; water well; spring | |
| Mine shaft; adit; cave mine; quarry; gravel pit | |
| Campground; picnic area; U. S. location monument | |
| Ruin; cliff dwelling | |
| Distorted surface; strip mine; lake; sand | |
| Stream; lake; intermittent; supplementary | |
| Hydroelectric contours; index; intermediate | |
| Contours: lake; perennial; intermittent | |
| Rapid, large and small; falls, large and small | |
| Area to be submerged; marsh, swamp | |
| Land subject to controlled inundation; woodland | |
| Scrub; meadows | |
| Orchard; vineyard | |

A pamphlet describing topographic maps is available on request.

