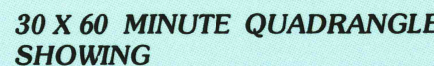


1:100 000-scale *metric*
topographic map



- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



1986

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1963–1981. Planimetry revised from aerial photographs taken 1976 and 1980 and other source data. Revised information not field checked. Map edited 1986

1927 North American Datum (NAD 27). Projection and 10 000-meter-grid: Universal Transverse Mercator, zone 13 25 000-foot ticks: Texas coordinate system, central zone

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
ELEVATIONS SHOWN TO THE NEAREST METRE

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

DECLINATION DIAGRAM

UTM grid convergence (GM) and 1984 magnetic declination (MM) at center of map. Diagram is approximate.

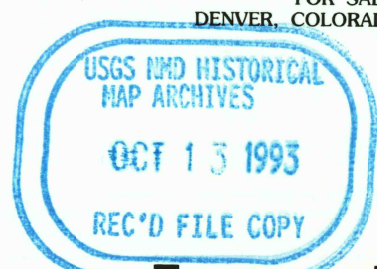
ADJOINING MAPS		
1	2	3
4	5	6
7	8	

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

1 Guadalupe Peak
2 Kermitt
3 Odessa
4 Van Horn
5 Crane
6 Mount Livermore
7 Fort Davis
8 Fort Stockton

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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, road | |
| Road marker, Interstate, U. S. State | |
| Railroad: standard gage, narrow gage | |
| Bridge: overpass; underpass | |
| Tunnel: road, railroad | |
| Build 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 line | |
| Range, township, section line: abstracted | |
| Power transmission line, pipeline | |
| Dam; dam with lock | |
| Cemetery, building | |
| Windmill; water well; spring | |
| Artificial pond or cove; mine shaft; great pit | |
| Shorecut; picnic area; U. S. location monument | |
| Ruins; cliff dwelling | |
| Disturbed surface: strip mine, lava, sand | |
| Stream, lake, intermittent, supplementary | |
| Barometric contour; index, intermediate | |
| Drain; lake, perennial, intermittent | |
| Rapids, large and small; large and small | |
| Area to be submerged; marsh, swamp | |
| Land subject to controlled inundation; woodland | |
| Shrub; mangrove | |
| Orchard; vineyard | |

A pamphlet describing topographic maps is available on request.