



Compiled from USGS 1:24 000-scale topographic maps dated 1978-1983. 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 13
Universal Transverse Mercator
25 000-foot grid ticks based on Texas coordinate
system, south central and central zones
1927 North American Datum
To place on the predicted North American Datum 1983 move
the projection lines 14 meters south and 46 meters east

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

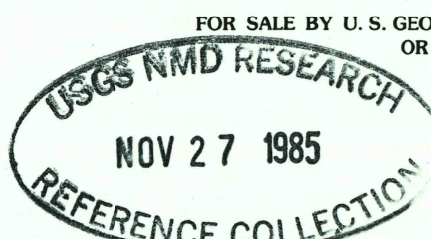
UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

- 1 Indian Hot Springs
- 2 Mount Livermore
- 3 Fort Davis
- 4
- 5 Alpine
- 6
- 7 Presidio
- 8 Santiago Mountains

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80202
OR RESTON, VIRGINIA 22092



Primary highway, hard surface
Secondary highway, hard surface
Light duty road, principal street, hard or improved surface
Other road or street
Rough road
Route marker: Interstate, U.S. State
Railroad: standard gauge; narrow gauge
Bridge; overpass; underpass
Tunnel; road; railroad
Built 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, township; section
Range, township; section line: protracted
Power transmission line: pipeline
Dam; dam with tool
Cemetery; building
Windmill; water well; spring
Mine shaft; ash or cave; mine, quarry; gravel pit
Campground, picnic area; U.S. location monument
Ruins; site dwelling
Distorted surface: strip mine, lake, sand
Contours: index; intermediate; supplementary
Bathymetric contours: index; intermediate
Stream, lake; perennial; intermittent
Riparian area and soil; falls, bars and snail
Area to be submerged; marsh, swamp
Land subject to controlled inundation; woodland
Scrub; mangrove

A pamphlet describing topographic maps is available on request.

