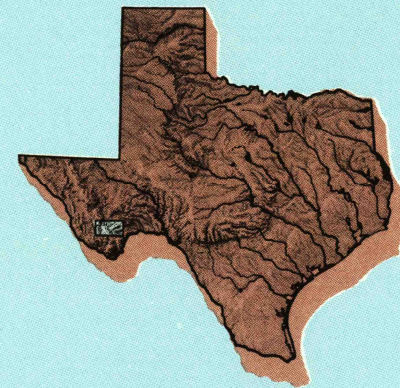


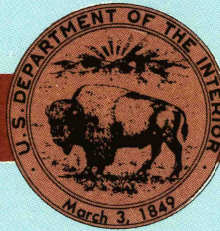
Santiago Mountains
TEXAS

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



GEOLOGICAL SURVEY

1985

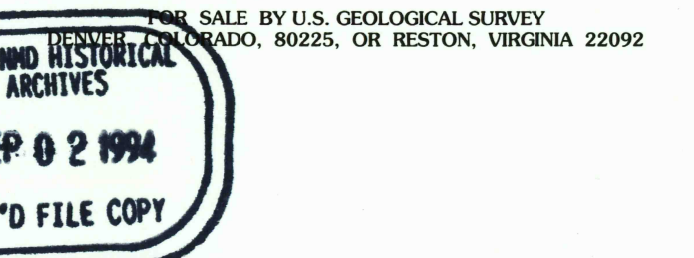
Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps
dated 1971-1983. Planimetry revised from aerial
photographs taken 1980 and other source data. Revised
information not field checked. Map edited 1985.
North American Datum of 1927 (NAD 27). Projection and
10 000-meter grid: Universal Transverse Mercator, zone 13
25 000-foot ticks: Texas coordinate system south central zone
The values of the shift between NAD 27 and North American Datum
of 1983 (NAD 83) for 7.5-minute intersections are obtainable from
National Geodetic Survey NADCON software
There may be private inholdings within the boundaries of
the National or State reservations shown on this map

CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS
Meters	Feet		1 2 3
1	3.2808		4 5
2	6.5617		6 7 8
3	9.8425		
4	13.1234		
5	16.4042		
6	19.6850		
7	22.9659		
8	26.2467		
9	29.5275		
10	32.8084		
To convert meters to feet multiply by 3.2808		UTM grid convergency (G) and 1983 magnetic declination (M) at center of map Diagram is approximate	1. Marfa 2. Alpine 3. Sanderson 4. Presidio 5. Dose Mountain 6. Redford 7. Chisos Mountains 8. Rosillos



Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, gravel street, hard or improved surface	
Other road or street; trail	
Route marker: Interstate, U. S. State	
Railroad: standard gage; narrow gage	
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 survey: range, township, section	
Range, township, section line: protruded	
Power transmission line: sagging	
Dam; dam with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; pit or cave; mine quarry; gravel pit	
Campground; picnic area; U. S. location monument	
Roads; cliff dwelling	
Distorted surface: strip mine, lava, sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: 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	
Grass; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

