

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

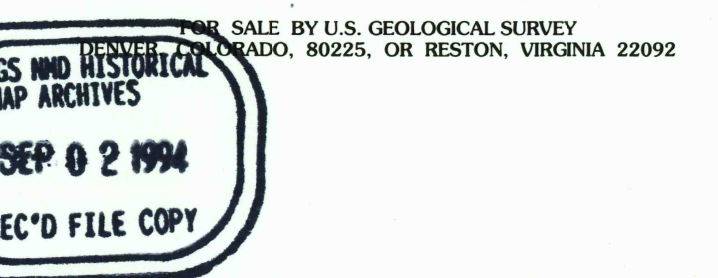
Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1971-1983. Planimetry revised from aerial photographs taken 1980 and other source data. Revised information not field checked. Map edited 1985.
 North American Datum of 1927 (NAD 27). Projection 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	Magnetic Declination		1	2	3
1	3.2808	N		4	5	6
2	6.5617	G.M.		7	8	
3	9.8425	10				
4	13.1234	15				
5	16.4042	20				
6	19.6850	25				
7	22.9659	30				
8	26.2467	35				
9	29.5275	40				
10	32.8084	45				

UTM grid convergence (G.M.) and 1000-metric section (M) at center of map
 Diagram is approximate



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: patented	Power transmission line: pipeline	Dam: dam with lock	Cemetery: building	Windmill; water well; spring	Yellow shale; sand or gravel mine; quarry; gravel pit	Campground; picnic area; U. S. location monument	Ruins: 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	Stump; mangrove	Orchard; vineyard
-------------------------------	---------------------------------	--	-----------------------------	---------------------------------------	--------------------------------------	-----------------------------	------------------------	------------------------------------	---------------------------------------	-------------------	----------------	-----------------	--	---------------------	---	---	-----------------------------------	--------------------	--------------------	------------------------------	---	--	-----------------------	---	--	---	---------------------------------------	---	------------------------------------	---	-----------------	-------------------