



Zapata TEXAS

1:100 000-scale
planimetric map

30 X 60 MINUTE QUADRANGLE
SHOWING

- 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 1965-1980. Planimetry revised from aerial photographs taken 1983 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, south zone. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 31 meters south and 32 meters east.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

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

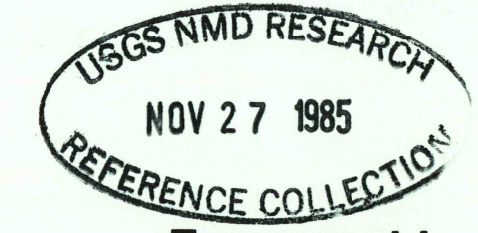
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM
Magnetic North (M) 71° True North (N)
UTM grid convergence (NW and 180 degrees) at center of map
Diagram is approximate

1	2	3
4	5	
6	7	8

1 San Ygnacio
2 Fallertus
3 Encino
4 Roma-Los Sano
5 Mc Allen

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



Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal 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
- State boundary
- National boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public lands survey: range, township, section
- Range, township, section line, protected
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; salt or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, levee, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake: perennial; intermittent
- Rapids, large and small; falls, large and small
- Area to be revegetated; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

ZAPATA, TEXAS
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