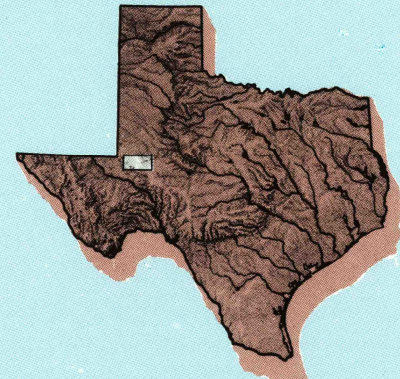


# Odessa

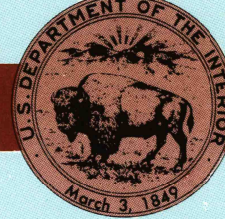
## TEXAS

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 features
- Geographic names



GEOLOGICAL SURVEY

1986

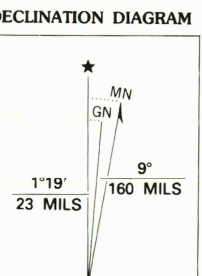
Produced by the United States Geological Survey  
Compiled from USGS 1:24 000-scale topographic maps dated 1964-1981 and other source data. Revised information not field checked. Map edited 1986.  
1927 North American Datum (NAD 27). Projection and 10 000-meter-grid: Universal Transverse Mercator, zone 13 25 000-foot tick. 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: 5 METERS  
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

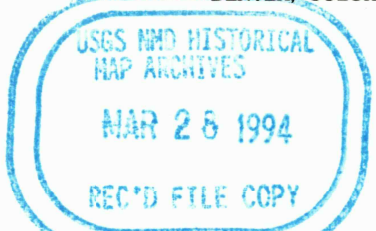


UTM grid convergence (NW and SE) magnetic declination (M) at center of map diagram is approximate

ADJOINING MAPS		
1	2	3
4	5	
6	7	8

- 1 Ad
- 2 Andrews
- 3 Big Spring
- 4 Kermit
- 5 Laredo Creek
- 6 Pecos
- 7 Crane
- 8 Big Lake

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
- 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: protracted
- Power transmission line: pipeline
- Dam: dam with lock
- Cemetery: building
- Windmill; water well; spring
- Mine shaft: adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins, old dwelling
- Disturbed surface: strip mine, levee, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake, perennial; intermittent
- Rapids, large and small; tide, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation: woodland
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

ODESSA, TEXAS

31102-EI-TM-100

1986