



# Odessa

## 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

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  
Projection and 10 000-meter grid, zone 13  
Universal Transverse Mercator  
25 000-foot grid ticks based on Texas coordinate  
system, central zone - 1927 North American Datum  
To place on the predicted North American Datum 1983 move  
the projection lines 11 meters south and 41 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
2	6.560
3	9.842
4	13.123
5	16.404
6	19.685
7	22.966
8	26.247
9	29.528
10	32.808

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

DECLINATION DIAGRAM

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

1	2	3
1	2	3
4	5	6
7	8	9

1. Jal  
2. Andrews  
3. Blue Spring  
4. Kermitt  
5. Long Creek  
6. Pecos  
7. Crane  
8. Big Lake

USGS WMD HISTORICAL MAPS  
U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

JUN 12 1986

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### 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
- 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
- Ruin; 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
- Scrub; mangrove
- Other; viewpoint

A pamphlet describing topographic maps is available on request