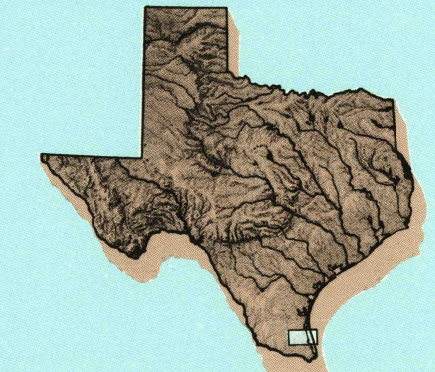




Port Mansfield

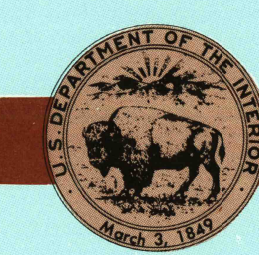
TEXAS

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 1956-1982. Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1985

1927 North American Datum (NAD 27). Projection and 10 000-meter grid. Universal Transverse Mercator, zone 14 25 000-foot ticks. Texas coordinate system

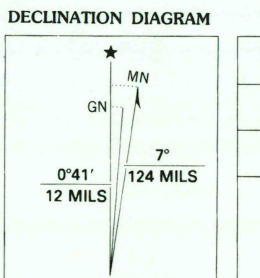
The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5 minute intersections is given in USGS Bulletin 1875

Offshore protection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagrams dated July 16, 1954. The protections on this map are not for Federal leasing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Protection Diagrams available from the Minerals Management Service

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 5 METERS
SUPPLEMENTARY CONTOUR INTERVAL 2.5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

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	22.9658					
8	26.2467					
9	29.5275					
10	32.8084					

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

UTM grid convergence (GN and 1983 magnetic declination) (MD) at center of map. Diagram is approximate

1 Fallertias
2 Galin Bay
3
4
5
6 Allen
7 Hartington
8

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: 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	
Ruin; cliff dwelling	
Disturbed surface: strip mine, lava; sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Stream, lake: perennial; intermittent	
Rapids; weir and weir; falls, levee and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Scrub; vineyard	

A prospect describing topographic maps is available on request