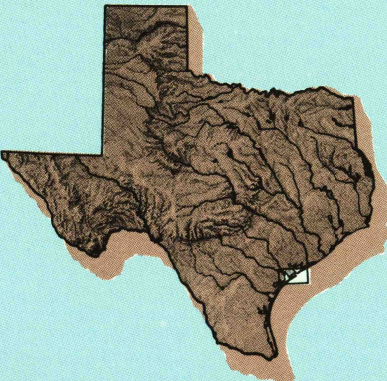
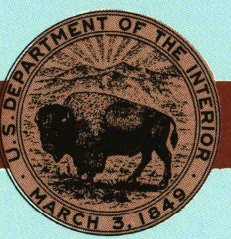




30 X 60 MINUTE QUADRANGLE
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1983

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1952
Partially revised from aerial photographs taken 1979 and other
source data. Revised information not field checked
Map edited 1983
Shoreline shown represents the approximate line of mean high water
Projection and 10 000-meter grid, zone 14. Universal Transverse
Mercator 25 000-foot grid ticks based on Texas coordinate system,
south central zone. 1927 North American datum
To place on the predicted North American Datum 1983 move the
projection lines 26 meters south and 25 meters east
Offshore projection survey data, shown in red, compiled by the
Bureau of Land Management. Heavy lines indicate limits of BLM
Outer Continental Shelf Protection Diagrams: Matagorda Island
Area dated July 16, 1954, 5 Brazos Area dated July 16, 1954, and
5 B Brazos Area South Addition dated September 24, 1959. The
Projections on this map are not for Federal leasing purposes;
for such purposes, refer to the 1:250 000 scale OCS Official
Protraction Diagrams available from the Bureau of Land Management
There may be private inholdings within the boundaries of the Nation
or State reservations shown on this map

SUPPLEMENTARY CONTOUR INTERVAL 2.5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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					
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		UTM grid convergence (GCM) and true magnetic declination (TMD) at center of map Diagram is approximate	1 Port Lavaca 2 Port Lavaca 3 Freeport 4 Corpus Christi 5 Corpus Christi 6 Corpus Christi 7 Allens Bight 8			
To convert feet to meters multiply by 0.3048						

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 city road, principal street, hard or improved surface
- Other road or street, trail
- Route marker: Interstate, U. S. State
- Railroad: standard gauge; narrow gauge
- 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; adit or cave mine, quarry, gravel pit
- Compositional, plastic 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
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request