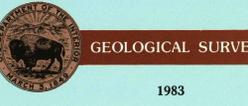




30 X 60 MINUTE QUADRANGLE SHOWING

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



Produced by the United States Geological Survey
 Compiled from USGS 1:250 000-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 shows 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 Protraction 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
 Protractions 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 DATUM OF 1929

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Magn	True	1	2	3
1	3.2808	111	7	1	2	3
2	6.5617	111	7	4	5	
3	9.8425	111	7	6	7	8
4	13.1234	111	7			
5	16.4043	111	7			
6	19.6852	111	7			
7	22.9661	111	7			
8	26.2470	111	7			
9	29.5279	111	7			
10	32.8088	111	7			

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048
 UTM grid convergence 1983 and 1983 magnetic declination (MAG) at center of map
 Diagram is approximate

ADJOINING MAPS	1	2	3
1	Port Lavaca		
2	Freeport		
3	Corpus Christi		
4	Albany		
5	Bright		
6			
7			
8			

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 8022 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, soil
- 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
- Panola, township, section line: pre-treated
- Power transmission line, pipeline
- Dam: dam with lock
- Cemetery: building
- Windmill; water well; spring
- Mine shaft; pit or cave; mine, quarry; gravel pit
- Compass rose; picnic area; U. S. location monument
- Flume; dike/dam
- Cemetery: building
- 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

