

**GALVESTON BAY REGION, TEXAS ENVIRONMENTAL SENSITIVITY MAPPING PROJECT**

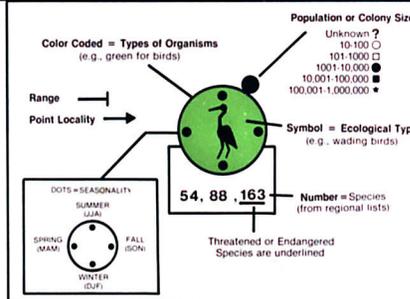
Index of Shoreline Types

- SENSITIVITY**
- 1. Erosional scarps
  - 3. Exposed fine-grained sand beaches
  - 4. Sheltered fine-grained sand beaches
  - 5. Exposed tidal flats (low biomass)
  - 6. Mixed sand and shell beaches
  - 7. Exposed tidal flats (moderate biomass)
  - 9. Sheltered tidal flats
  - 10. Salt marshes
- Man-made structures  
RPI field stations

**Biological Features**

- MAMMALS**  
Bottlenose dolphin
- REPTILES**  
Alligators
- FISH**  
Commercial/sport fish
- BIRDS**  
Gulls and terns  
Wading birds  
Shorebirds  
Waterfowl  
Raptors
- SHELLFISH**  
Shrimp  
Crabs  
Oysters

**KEY TO WILDLIFE MARKERS**



**Socioeconomic Features**

- Parks and Refuges
- Spill Response Information**
- Open-water booms
  - Harbor booms
  - Open-water skimmers
  - Boat ramps



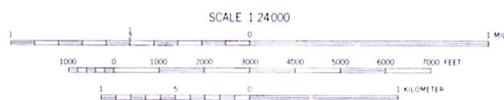
Mapped by the Army Map Service  
Published for civil use by the Geological Survey  
Control by NOS/NOAA USCE and TVA

Topography from aerial photographs by multiplex methods and by planimetric surveys 1943. Revised by photogrammetric methods from aerial photographs taken 1952. Field check 1954

Hydrography compiled from USC&GS charts 1280 (1952) and 1282 (1953)

Polyconic projection. 1927 North American datum  
10,000 foot grid based on Texas coordinate system,  
south central zone  
1000 meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue

Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1969 and 1974. This information not field checked.



CONTOUR INTERVAL 5 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES AND SOUNDINGS IN FEET. DATUM IS MEAN LOW WATER  
SHORELINE SHOWN REPRESENTS THE ARITHMETIC LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1:400'

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

**ESI MAP NUMBER**  
**GB-16**

CAPLEN, TEX.  
N2922 5—W9430/7 5  
1954  
PHOTOREVISED 1969 AND 1974  
AMS 7942 1 NE—SERIES V882

