

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

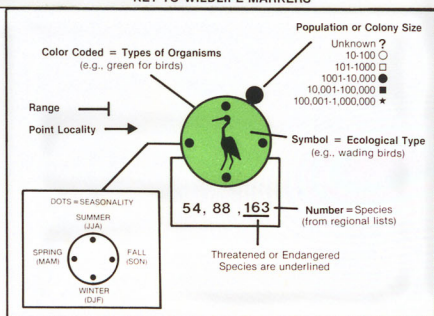
Index of Shoreline Types

- SENSITIVITY**
1. Erosional scarps.
 2. Exposed fine-grained sand beaches.
 3. Sheltered fine-grained sand beaches.
 4. Exposed tidal flats (low biomass).
 5. Mixed sand and shell beaches.
 6. Exposed tidal flats (moderate biomass).
 7. Sheltered tidal flats.
 8. Salt marshes.
 9. Man-made structures.
 10. 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
- Open-water booms
- Harbor booms
- Open-water skimmers
- Boat ramps

rpi inc.



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THROUGHOUT
BAY

SHIP CHANNEL &
DEEPER WATER

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AREA

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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 plane-table surveys, 1943. Revised by photogrammetric
methods from aerial photographs taken 1952. Field check 1954

Hydrography compiled from USC&GS charts 886 and
1282 (1953)

Polynomic 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.

UTM GRID AND 1974 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 2 3 4 5 6 7 8 9 10 KILOMETER

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 APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 5 FEET
THIS MAP COMPLIES 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



QUADRANGLE LOCATION

ROAD CLASSIFICATION

- Primary highway, hard surface
- Light-duty road, hard or improved surface
- Secondary highway, hard surface
- Unimproved road
- Interstate Route
- U. S. Route
- State Route

ESI MAP NUMBER

GB- 14

PORT BOLIVAR, TEX.
N2922 5—W9445/7 5

1954
PHOTOREVISED 1969 AND 1974
AMS 7042 IV NE-SERIES V882