



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	BIRDS	SHELLFISH
Bottlenose dolphin	Gulls and terns	Shrimp
Alligators	Wading birds	Crabs
Commercial/sport fish	Waterfowl	Oysters
	Raptors	

KEY TO WILDLIFE MARKERS

Color Coded = Types of Organisms (e.g., green for birds)

Population or Colony Size

- Unknown ?
- 10-100
- 101-1000
- 1001-10,000
- 10,001-100,000
- 100,001-1,000,000

Symbol = Ecological Type (e.g., wading birds)

Number = Species (from regional lists)

Threatened or Endangered Species are underlined

Range

Point Locality

DOTS = SEASONALITY

- SPRING (MAM)
- SUMMER (SUM)
- FALL (FAL)
- WINTER (WIN)

Socioeconomic Features

- Parks and Refuges

Spill Response Information

- Open-water booms
- Harbor booms
- Open-water skimmers
- Boat ramps

rpi inc.

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Hydrography from USC&GS chart 1282
Culture and drainage in part compiled from aerial photographs taken 1953. Topography from 1943 map of U.S. Corps of Engineers, revised by USGS planetable surveys 1955. Originally mapped 1929 by USGS as Seabrook quadrangle. Polyconic projection. 1927 North American datum. 10,000-foot grids based on Texas coordinate system, south central zone. 1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue.

Water stages in this area vary with meteorological conditions. Approximate limits of occasional inundation shown by dashed blue lines where mean high water is undetermined for lack of visual evidence. Dotted blue lines indicate the approximate limits of low water.

Revisions shown in purple - info used from aerial photographs taken 1969. This information not field checked.

Purple tint indicates urban areas.

SCALE 1:24,000

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET - DATUM IS MEAN LOW WATER
SOUNDING SPACING IS 10 FEET. THE APPROXIMATE LINE OF MEAN HIGH WATER
THE RANGE RANGE OF TIDE IS APPROXIMATELY 3 FEET

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

ROAD CLASSIFICATION

- Heavy duty
- Medium-duty
- Light duty
- Unimproved dirt

Interstate Route U.S. Route State Route

LEAGUE CITY, TEX.
N2930-W9500/7.5
1955
PHOTOREVISED 1969
AMS 6943 II SE-SERIES V882

ESI MAP NUMBER
GB-7

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST