

DISTRIBUTED THROUGHOUT BAY

50-51	107, 108
4	116-121

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

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

Population or Colony Size

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

54, 88, 163

Range
Point Locality

DOTS = SEASONALITY
SPRING (MAM)
SUMMER (LAD)
FALL (SON)
WINTER (DUP)

Socioeconomic Features

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



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

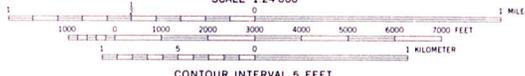
Planimetry by photogrammetric methods from aerial photographs taken 1960. Topography enlarged from 1:31,680 scale AMS map of Eagle quadrangle. Original map by photogrammetric methods and planimetric surveys 1942 and 1943. Revised 1961.

Selected hydrographic data compiled from USCGS Chart 1282 (1961). This information is not intended for navigational purposes.

Polygonic 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.

Fine red dashed lines indicate selected fence lines.

Revisions shown in purple compiled from aerial photographs taken 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 SYMBOLS REPRESENT THE APPROXIMATE LINE OF MEAN HIGH WATER

THE MEAN RANGE OF TIDE IS APPROXIMATELY 1.1 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



ESI MAP NUMBER
GB-6

OAK ISLAND, TEX.
N2937 5 - W9437 5/7 5

1961
PHOTOREVISED 1974
AMS F045 11 NW - SERIES V482

2994-313

- ROAD CLASSIFICATION**
- Medium duty
 - Light-duty
 - Unimproved dirt
 - State Route

PROVEN POWER