

DISTRIBUTED THROUGHOUT BAY

50, 51, 4

107, 108, 109
116, 22

GALVESTON BAY REGION, TEXAS ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

Index of Shoreline Types

SENSITIVITY

- 1 Erosional scarps
- 2 Exposed fine-grained sand beaches
- 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)
- 8 Sheltered tidal flats
- 9 Sheltered tidal flats
- 10 Salt marshes

Man-made structures
RPI field stations

Biological Features

MAMMALS
Bottlenose dolphin
Alligators
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
- 101-1000
- 1001-10,000
- 10,001-100,000
- 100,001-1,000,000 *

Range
Point Locality

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

Number = Species (from regional lists)

Threatened or Endangered Species are underlined

DOTS = SEASONALITY
SUMMER (SUN)
SPRING (MAM)
FALL (SON)
WINTER (DJF)

Socioeconomic Features
Parks and Refuges

Spill Response Information
Open-water booms
Harbor booms
Open-water skimmers
Boat ramps

ROAD CLASSIFICATION

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

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Mapped, edited, and published by the Geological Survey
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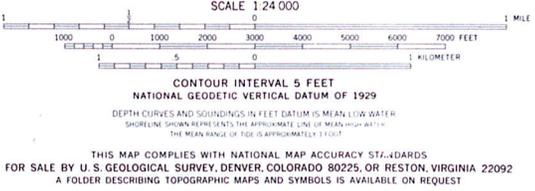
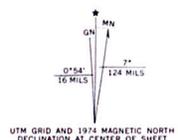
Planimetry by photogrammetric methods from aerial photographs taken 1960. Topography enlarged from 1:31,680 scale AMS map of West of Eagle quadrangle. Original map by planetable surveys 1943. Revised 1961.

Selected hydrographic data compiled from USCGS Chart 1282 (1963). This information is not intended for navigational purposes.

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.

Unlabeled wells are oil wells.

Revisions shown in purple compiled from aerial photographs taken 1974. This information not field checked.



ESI MAP NUMBER

GB-5

UMBRELLA POINT, TEX.
N2937.5, W9445.75
1961
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