

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 | Shorebirds | Oysters |
| | Waterfowl | |
| | Raptors | |

KEY TO WILDLIFE MARKERS

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

Range →

Point Locality →

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

Population or Colony Size

- Unknown ?
- 10-100 ○
- 101-10,000 □
- 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

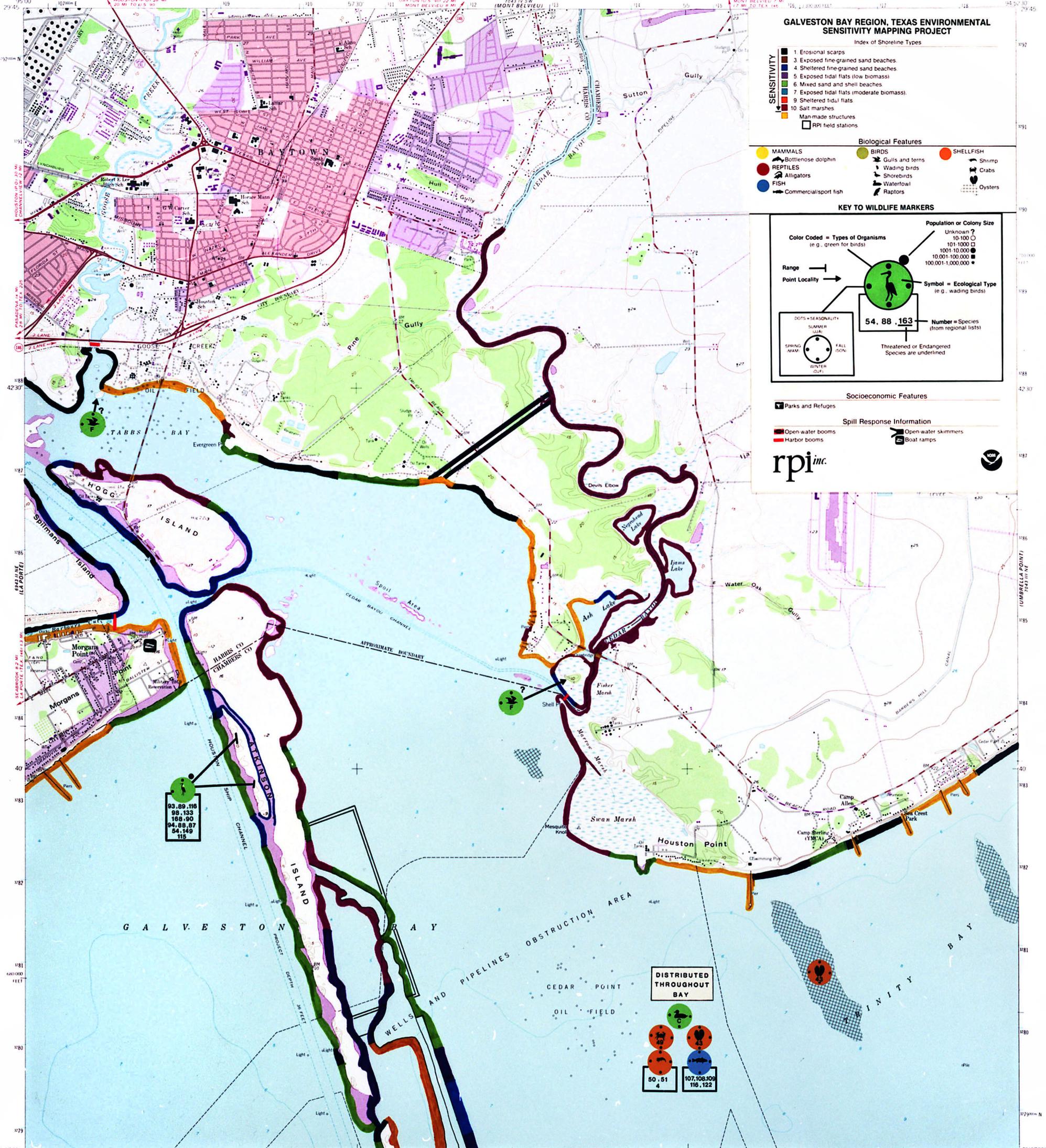
DOTS = SEASONALITY

- SPRING (MAY)
- SUMMER (JULY)
- FALL (OCT)
- WINTER (JAN)

Socioeconomic Features

- Parks and Refuges
- Open water booms
- Harbor booms
- Open water skimmers
- Boat ramps

rpi inc.



93,89,116
98,133
188,90
94,88,87
54,149
115

DISTRIBUTED THROUGHOUT BAY

80,51
4

107,108,109
116,122

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, USCE, and TVA
Hydrography compiled from USC&GS charts 588 and 1282
Culture and drainage in part compiled from aerial photographs taken 1954-1955. Topography from 1943 map of U. S. Corps of Engineers, revised by USGS planimetric surveys 1956
Morgans Point 7.5 minute quadrangle originally mapped by USGS 1916
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
Red tint indicates areas in which only landmark buildings are shown
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

Revisions shown in purple compiled from aerial photographs taken 1969. This information not field checked
Purple tint indicates extension of urban areas

SCALE 1:24,000

CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET DATUM IS MEAN LOW WATER
SHORELINE (DASH) 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

ROAD CLASSIFICATION

- Heavy duty
- Medium duty
- Light duty
- Unimproved dirt
- State Route

MORGANS POINT TEX.
(FORMERLY MORGAN POINT)
N2937.5—W9452.5/7.5
1956
PHOTOREVISED 1969
AMS 7043 III NW—SERIES V882

ESI MAP NUMBER
GB- 4

2994-323

