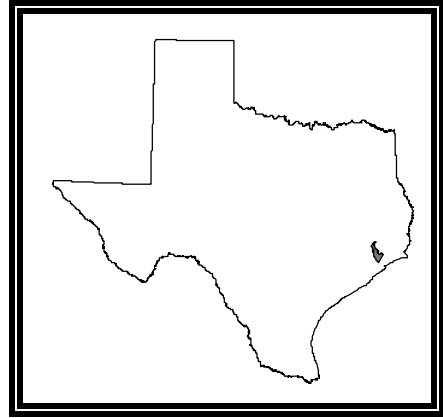


Basin 09

Trinity–San Jacinto Coastal



Trinity–San Jacinto Coastal Basin Narrative Summary

The Trinity–San Jacinto Coastal Basin is a relatively small area of coastal plain between the Trinity and San Jacinto Rivers. The basin covers an area of 247 square miles which drains to Upper Galveston Bay and Trinity Bay.

The basin includes two classified stream segments that account for 44 stream miles. The largest classified water body in the basin is Cedar Bayou. The basin is located in parts of Harris, Chambers, and Liberty Counties. Baytown is the only large city in the basin. The economy of the basin is based primarily on petroleum refining, petrochemical industries, agriculture, manufacturing, and water-oriented recreation.

Annual rainfall in the basin ranges from 50 to 60 inches with intense year round rainstorms. Many of the most severe storms occur when tropical disturbances move inland from the Gulf of Mexico during late summer and early autumn.

Depressed dissolved oxygen levels occur in the freshwater portion of Cedar Bayou.

In 1990, TDH issued a restricted consumption (one meal per month) and a sub-population no-consumption (women of child bearing age, pregnant women, and children) advisory for dioxin (ADV-3). The advisory includes all species of catfish and blue crabs in the Houston Ship Channel and all contiguous waters. The tidal portion of Cedar Bayou is included in this advisory.