

Brazos River

SUMMARY

Limited data were available to assess the eutrophic condition of Brazos River. However, chlorophyll-a symptom expression in the mixing zone (72% of the River's area) was high, having increased since the 1999 assessment when symptom expression was moderate. Symptom expression for other indicators in 2004 is unknown.

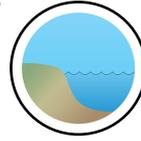
Influencing Factors

Nutrient load is unknown and influencing factors cannot be calculated.



Eutrophic Conditions *

An Unknown Overall Eutrophic Condition expression will occur if either the Primary or Secondary overall symptom expression is Unknown.



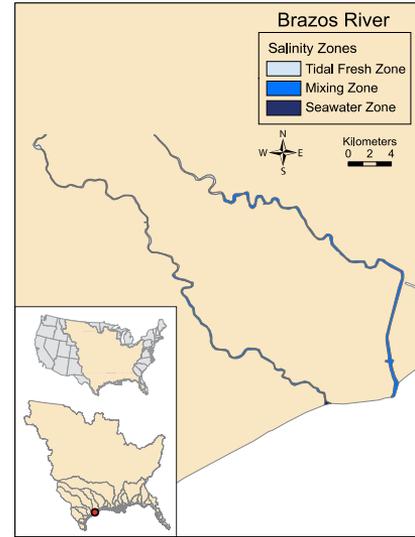
Future Outlook

An Unknown Future Outlook expression will occur if the Expected Changes In Nutrient Load by 2020 is Unknown.



ASSETS Rating

Assessment of Estuarine Trophic Status based on the three factors evaluated in NEEA.



Influence/eutro/future

Unknown

Low

Mod Low

Moderate

Mod High

High

Reliability and Confidence

ASSETS

Unknown

High

Good

Moderate

Poor

Bad

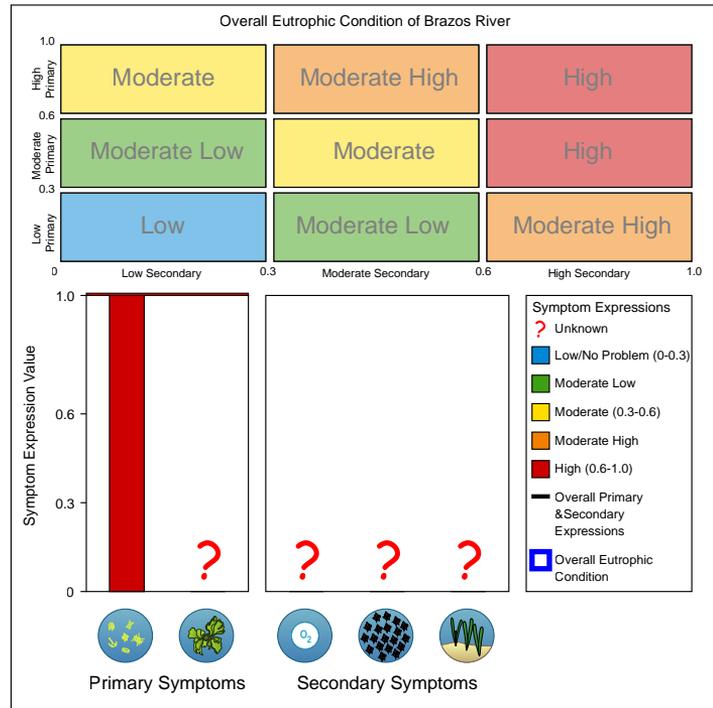
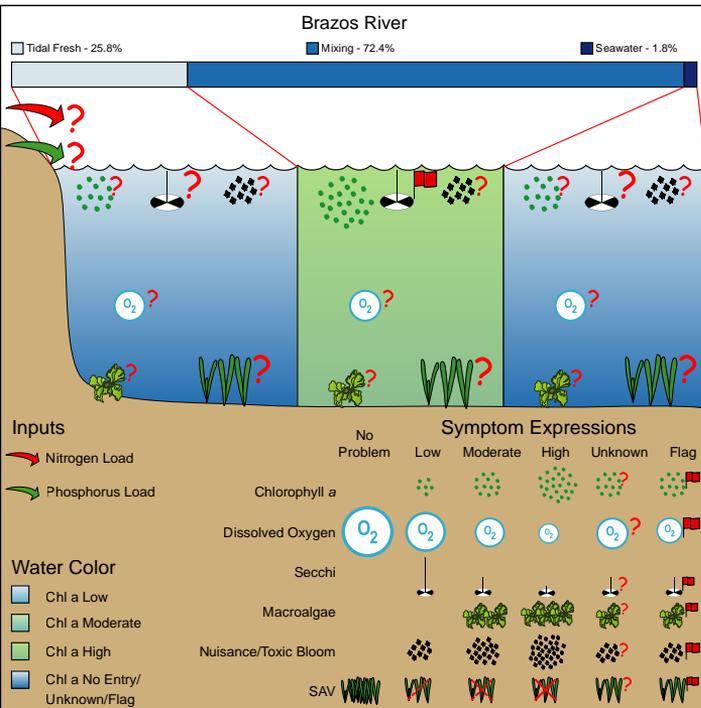
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High

EUTROPHIC CONDITION



WATERSHED AND ESTUARY CHARACTERISTICS

Estuary	Landuse / Population	Watershed Details / Input Loads
Area (km ²)	Urban (km ²)	Area (km ²)
Tidal fresh zone area (km ²)	Agriculture (km ²)	Mean elevation (m)
Mixing zone area (km ²)	Forest (km ²)	Max. elevation (m)
Saltwater zone area (km ²)	Wetland (km ²)	Watershed: estuary ratio
Volume (1,000 x m ³)	Range (km ²)	TSS (tonne y ⁻¹)
Depth (m)	Barren (km ²)	DIN (kg y ⁻¹)
Tide Height (m)	Total (km ²)	DIP (kg y ⁻¹)
Residence Time (d)	Population	TSS/est. area (tonne km ⁻² y ⁻¹)
	Popn: est. area ratio	DIN/est. area (kg km ⁻² y ⁻¹)
		DIP/est. area (kg km ⁻² y ⁻¹)