

Lake Borgne

SUMMARY

Chlorophyll-a and dissolved oxygen symptom expressions in Lake Borgne are low, but are the only indicators for which there are records. Dissolved oxygen symptom expression was also low in the 1999 assessment. Chlorophyll-a was not assessed at the time. There is insufficient data to assess changes that have occurred since the 1999 assessment.

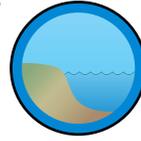
Influencing Factors

Nutrient load is unknown and influencing factors cannot be calculated.



Eutrophic Conditions *

Level of expression of eutrophic conditions is minimal.



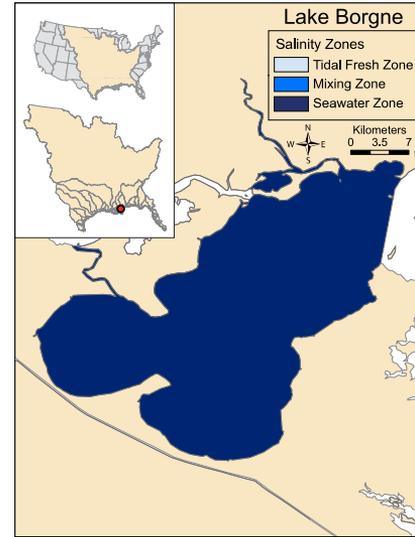
Future Outlook

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

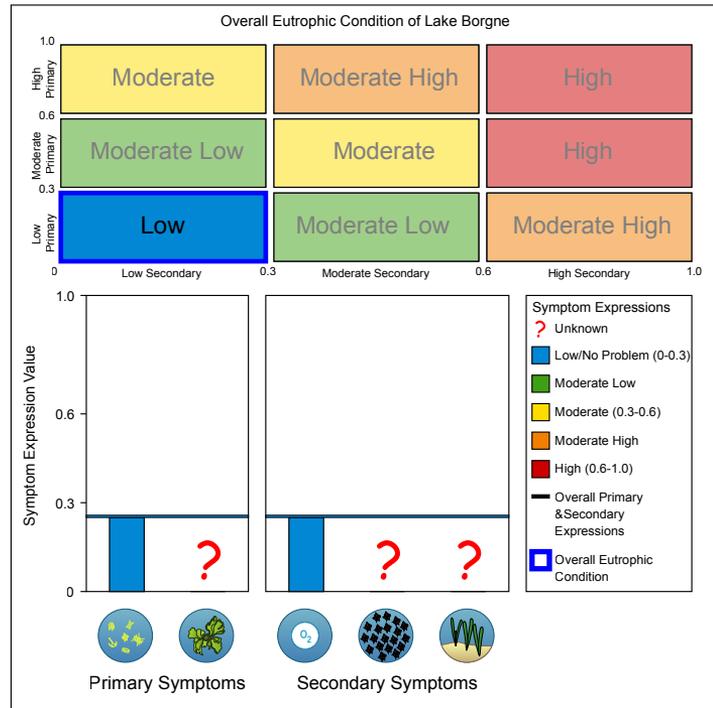
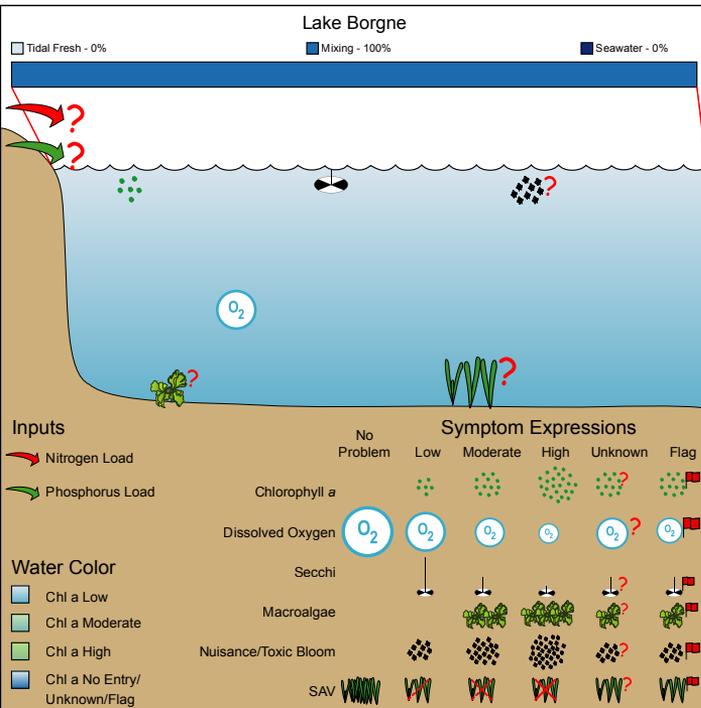
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High

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)	23,214
Mixing zone area (km ²)	Forest (km ²)	Mean elevation (m)
Saltwater zone area (km ²)	Wetland (km ²)	101
Volume (1,000 x m ³)	Range (km ²)	Max. elevation (m)
Depth (m)	Barren (km ²)	197
Tide Height (m)	Total (km ²)	Watershed: estuary ratio
Residence Time (d)	Population	31.2
	Popn: est. area ratio	TSS (tonne y ⁻¹)
		604,000
		DIN (kg y ⁻¹)
		Unknown
		DIP (kg y ⁻¹)
		Unknown
		TSS/est. area (tonne km ⁻² y ⁻¹)
		812
		DIN/est. area (kg km ⁻² y ⁻¹)
		Unknown
		DIP/est. area (kg km ⁻² y ⁻¹)
		Unknown