

Baffin Bay

SUMMARY

Data were unavailable to assess the eutrophic condition of Baffin Bay. In the 1999 assessment, the bay was characterized by a high overall eutrophic condition rating and high symptom expressions for chlorophyll-a and nuisance/toxic blooms.

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.



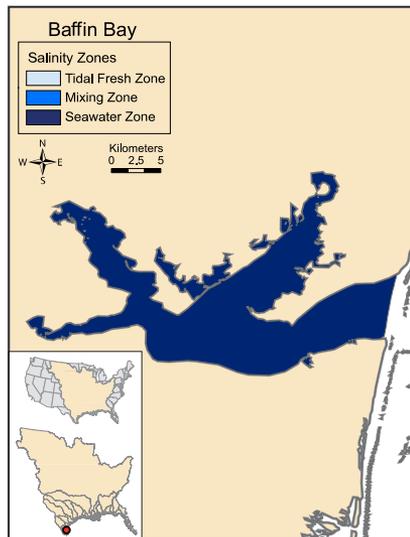
Future Outlook

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

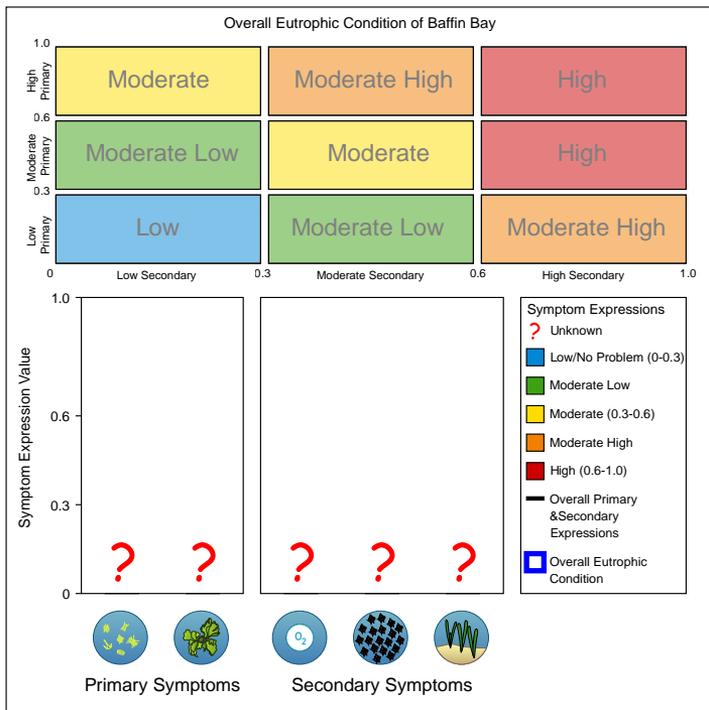
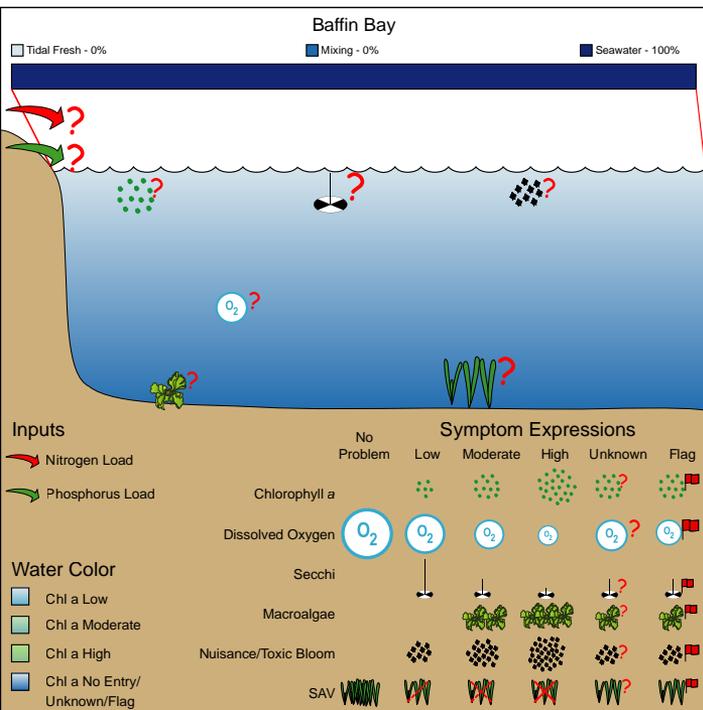
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High

EUTROPHIC CONDITION



WATERSHED AND ESTUARY CHARACTERISTICS

Estuary	Landuse / Population		Watershed Details / Input Loads		
Area (km ²)	239	Urban (km ²)	114 (1.3%)	Area (km ²)	8,535
Tidal fresh zone area (km ²)	0	Agriculture (km ²)	2,743 (32.2%)	Mean elevation (m)	78
Mixing zone area (km ²)	0	Forest (km ²)	106 (1.2%)	Max. elevation (m)	274
Saltwater zone area (km ²)	239	Wetland (km ²)	98 (1.2%)	Watershed: estuary ratio	35.7
Volume (1,000 x m ³)	136,230	Range (km ²)	5,449 (64%)	TSS (tonne y ⁻¹)	678,000
Depth (m)	0.57	Barren (km ²)	0 (0%)	DIN (kg y ⁻¹)	Unknown
Tide Height (m)	0.06	Total (km ²)	8,511 (0%)	DIP (kg y ⁻¹)	Unknown
Residence Time (d)	103	Population	75,842	TSS/est. area (tonne km ⁻² y ⁻¹)	2,837
		Popn: est. area ratio	317	DIN/est. area (kg km ⁻² y ⁻¹)	Unknown
				DIP/est. area (kg km ⁻² y ⁻¹)	Unknown