

Humboldt Bay

SUMMARY

Data were unavailable to assess the eutrophic condition of Humboldt Bay. However, the overall eutrophic condition rating in the 1999 assessment was low based on low expressions for all symptoms, suggesting little to no evidence of eutrophication.

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.



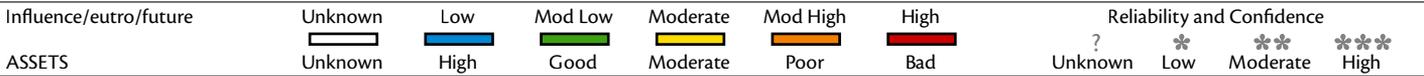
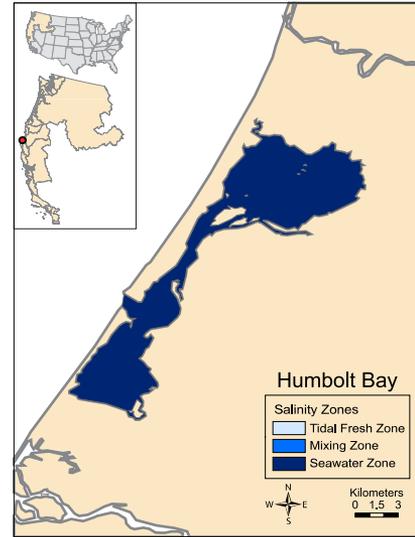
Future Outlook

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

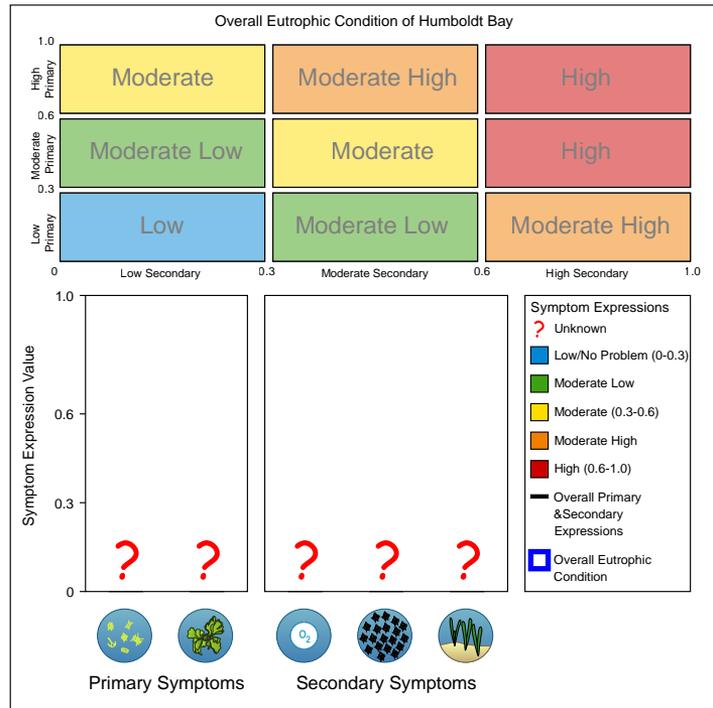
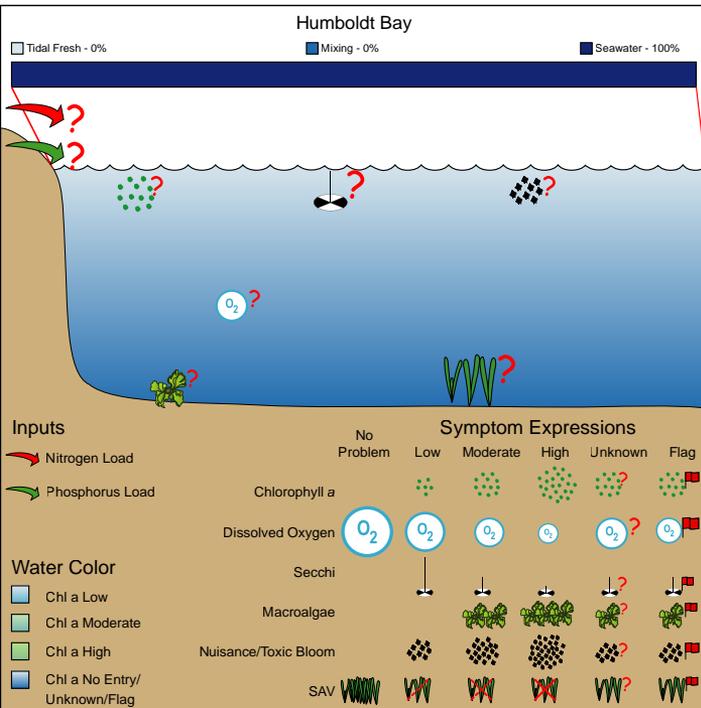


ASSETS Rating

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



EUTROPHIC CONDITION



WATERSHED AND ESTUARY CHARACTERISTICS

Estuary	Landuse / Population		Watershed Details / Input Loads		
Area (km ²)	64	Urban (km ²)	60 (11.5%)	Area (km ²)	517
Tidal fresh zone area (km ²)	0	Agriculture (km ²)	54 (10.5%)	Mean elevation (m)	192
Mixing zone area (km ²)	0	Forest (km ²)	373 (72%)	Max. elevation (m)	832
Saltwater zone area (km ²)	64	Wetland (km ²)	5 (1%)	Watershed: estuary ratio	8.1
Volume (1,000 x m ³)	221,440	Range (km ²)	26 (5%)	TSS (tonne y ⁻¹)	183,000
Depth (m)	3.46	Barren (km ²)	0 (0%)	DIN (kg y ⁻¹)	Unknown
Tide Height (m)	1.52	Total (km ²)	518 (0%)	DIP (kg y ⁻¹)	Unknown
Residence Time (d)	3	Population	46,836	TSS/est. area (tonne km ⁻² y ⁻¹)	2,859
		Popn: est. area ratio	732	DIN/est. area (kg km ⁻² y ⁻¹)	Unknown
				DIP/est. area (kg km ⁻² y ⁻¹)	Unknown