

Monterey Bay

SUMMARY

Data were unavailable to assess the eutrophic condition of Monterey Bay. In the 1999 assessment, the bay was characterized by a moderate low overall eutrophic condition, stemming from moderate symptom expressions of chlorophyll-a and nuisance/toxic blooms and low expressions for dissolved oxygen.

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.



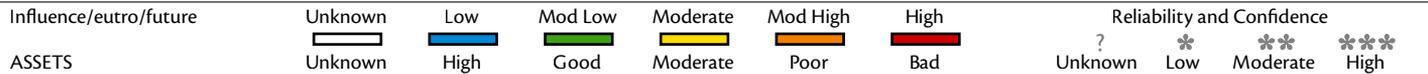
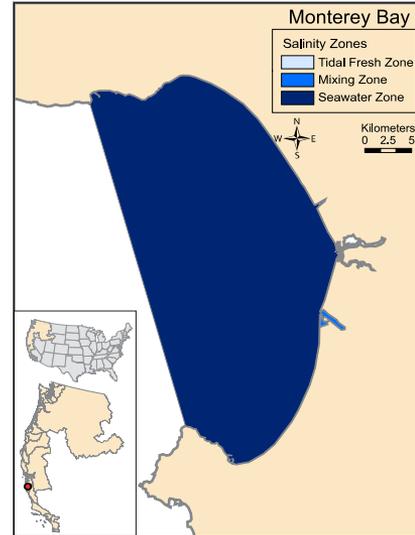
Future Outlook

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

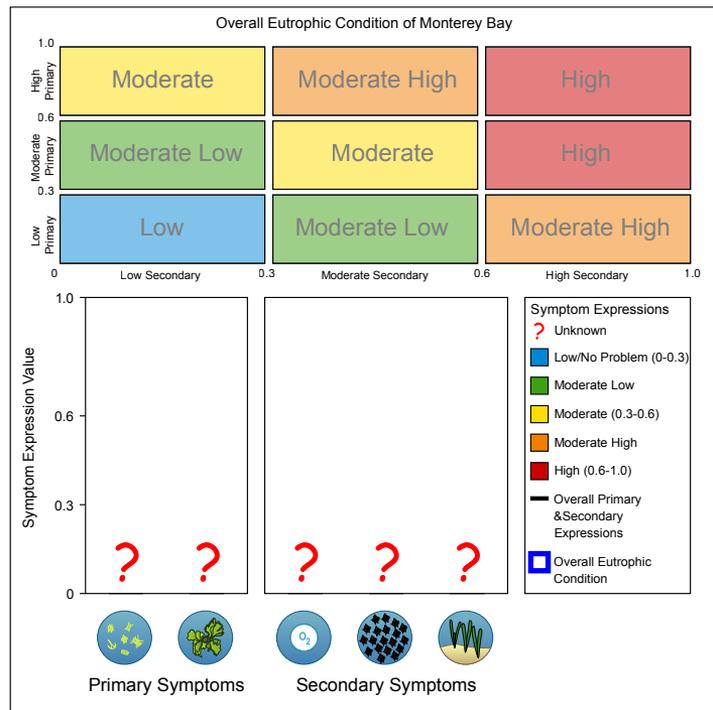
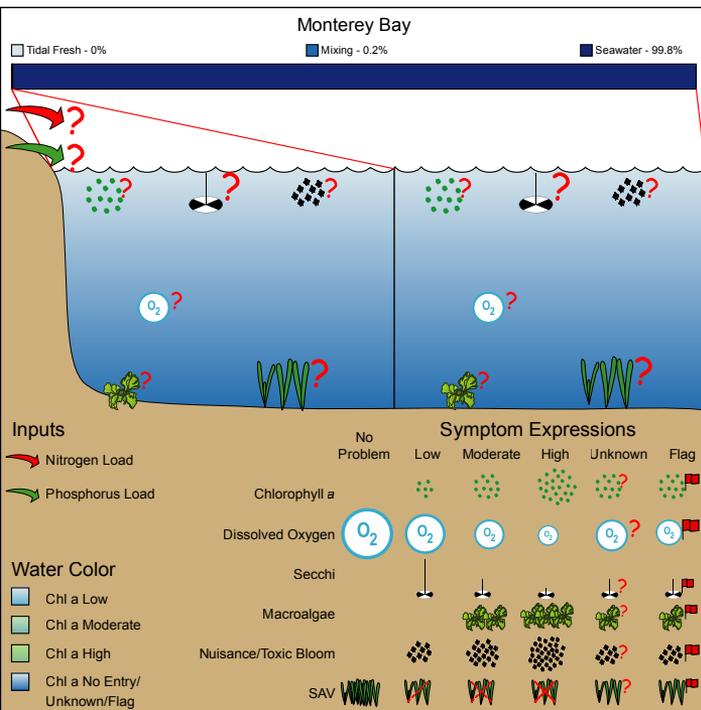


ASSETS Rating

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)	545	Urban (km ²)	756 (4.8%)	Area (km ²)	15,062
Tidal fresh zone area (km ²)	0	Agriculture (km ²)	3,232 (20.7%)	Mean elevation (m)	448
Mixing zone area (km ²)	1	Forest (km ²)	6,024 (38.6%)	Max. elevation (m)	1,678
Saltwater zone area (km ²)	544	Wetland (km ²)	65 (0.4%)	Watershed: estuary ratio	27.6
Volume (1,000 x m ³)	45,643,750	Range (km ²)	5,532 (35.4%)	TSS (tonne y ⁻¹)	2,830,000
Depth (m)	83.75	Barren (km ²)	0 (0%)	DIN (kg y ⁻¹)	Unknown
Tide Height (m)	1.08	Total (km ²)	15,610 (0%)	DIP (kg y ⁻¹)	Unknown
Residence Time (d)	2,769	Population	431,189	TSS/est. area (tonne km ⁻² y ⁻¹)	5,193
		Popn: est. area ratio	791	DIN/est. area (kg km ⁻² y ⁻¹)	Unknown
				DIP/est. area (kg km ⁻² y ⁻¹)	Unknown