

Rogue River

SUMMARY

The Rogue River is largely uncharacterized by the data set, as the only parameters available for 2004 were chlorophyll-a and dissolved oxygen in the mixing zone. These suggest little to no change since the 1999 assessment, but more information is needed to accurately characterize the estuary.

Influencing Factors

Nutrient load is unknown and influencing factors cannot be calculated.



Eutrophic Conditions *

Primary symptoms beginning to indicate possible problems but still very few secondary symptoms expressed.



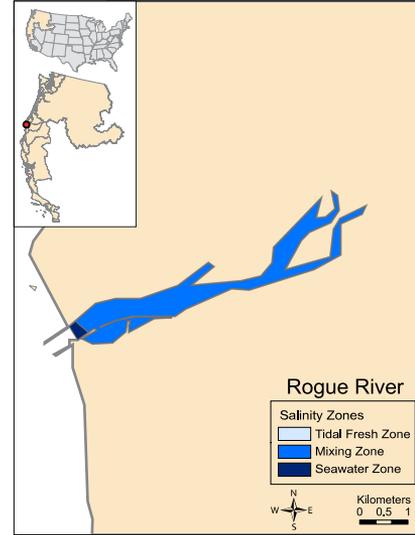
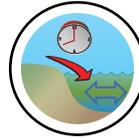
Future Outlook

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

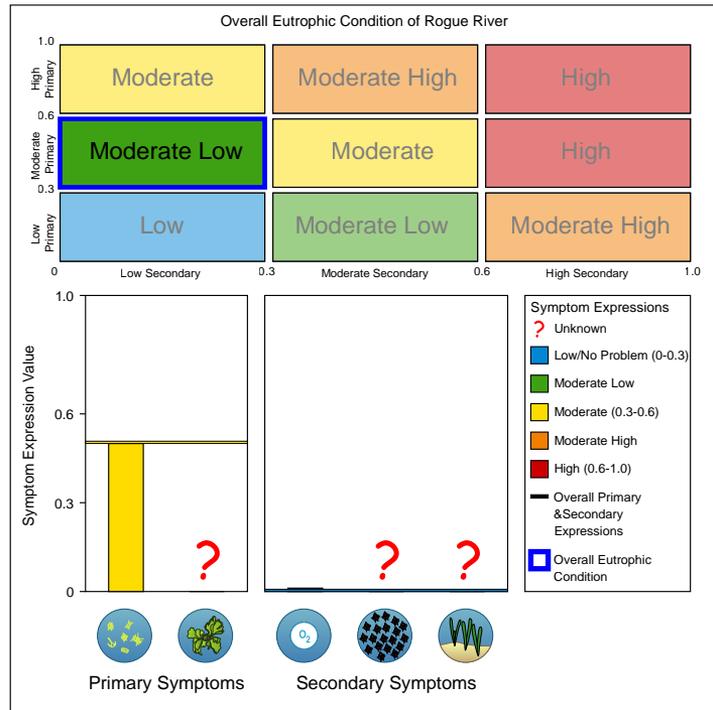
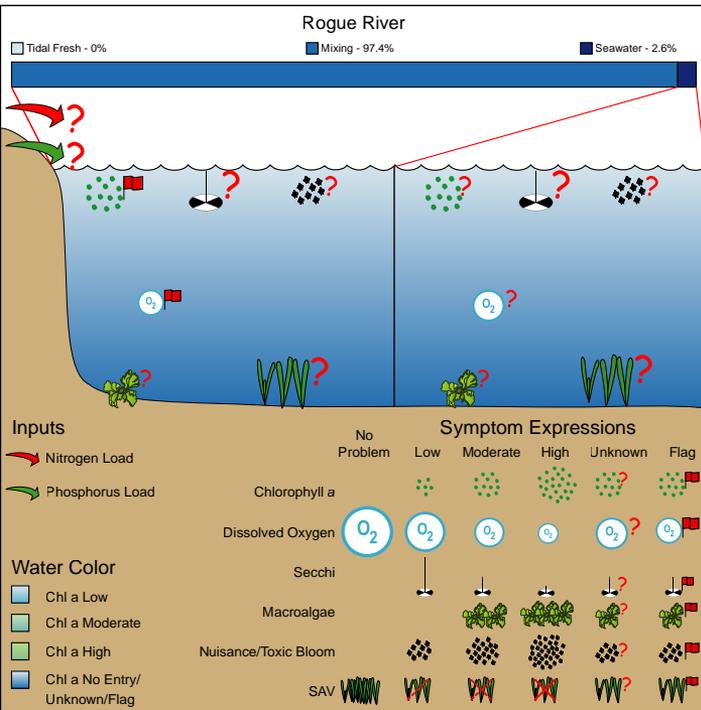


ASSETS Rating

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)	2	Urban (km ²)	404 (3%)	Area (km ²)	13,369
Tidal fresh zone area (km ²)	0	Agriculture (km ²)	500 (3.7%)	Mean elevation (m)	888
Mixing zone area (km ²)	2	Forest (km ²)	12,290 (92%)	Max. elevation (m)	2,626
Saltwater zone area (km ²)	<1	Wetland (km ²)	16 (0.1%)	Watershed: estuary ratio	6,684.5
Volume (1,000 x m ³)	7,240	Range (km ²)	148 (1.1%)	TSS (tonne y ⁻¹)	366,000
Depth (m)	3.62	Barren (km ²)	0 (0%)	DIN (kg y ⁻¹)	Unknown
Tide Height (m)	1.49	Total (km ²)	13,357 (0%)	DIP (kg y ⁻¹)	Unknown
Residence Time (d)	0	Population	215,774	TSS/est. area (tonne km ⁻² y ⁻¹)	183,000
		Popn: est. area ratio	107,887	DIN/est. area (kg km ⁻² y ⁻¹)	Unknown
				DIP/est. area (kg km ⁻² y ⁻¹)	Unknown