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[Image of artifacts representing different time periods]
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Aquatic Biomes

Aquatic biomes cover 75 percent of the surface of the Earth. The aquatic and terrestrial biomes are similar in some ways, but aquatic biomes exhibit unique characteristics due to the ability of organisms to adapt to water environments. The aquatic biome includes freshwater and marine ecosystems. Aquatic organisms require dissolved salts of 0.15 percent whereas ocean water has about 35,000 parts per million (3.5 percent). Some aquatic organisms are adapted to both conditions for parts of their lives, such as salmon and some eels, but it is more common for organisms to be confined to one of the two environments.

Aquatic environments have less variation globally than those on land. Taking a broad view (the lumpers perspective), there are four kinds of aquatic biomes: surface waters, deep waters, shores, and bottoms. Within these categories are a variety of distinctive marine and freshwater life zones that are frequently designated as separate biomes.

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