Hydrology

Captain John Smith
Chesapeake National
Historic Trail

Hydrology

Hydrology is the study of water. Many hydrological factors affect the Chesapeake Bay. Salinity is the amount of salt in the water. Salt water enters the Bay from the Atlantic Ocean. Circulation is the movement of nutrients and other materials throughout the Bay. Water temperature, weather, and tides all affect circulation. Turbidity is a measure of how clear the water is. Water with more sediment in it has a higher turbidity. Finally, just like the air we breathe, the Bay's water contains dissolved gasses such as oxygen and carbon dioxide.

Learn more at nps.gov/cajo

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