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Atmosphere and ocean! Curiously enough, the ocean has a structure somewhat similar to that of the atmosphere. The atmosphere has two main divisions: the troposphere or that layer next to the earth, and the stratosphere or the layer next above the troposphere. The ocean also has two main divisions: it has a troposphere, the layer on top, and a lower layer corresponding to the stratosphere. The top layer of the ocean is warmer and less dense than the lower; it also varies in temperature sharply with depth and is turbulent. The lower layer is very dense and cold, less salty than the top layer, and has small temperature changes and very little displacement or currents. -----