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Ocean influence! Temperatures over the oceans are controlled mostly by the currents, and these are largely set in motion by the prevailing winds. The trade winds blowing toward the equator from the northeast and southeast converge and form a great equatorial westerly current. Near the continents this current diverges to the north and to the south, and on the eastern side of North America forms the Gulf Stream. This stream spreads out over the North Atlantic Ocean and its warming influence is felt over most of Europe and even over western Asia.
