

# MAJOR WORLD OCEAN CURRENTS

## Global Surface Circulation Reference Map

[ Graphic Map Representation: Pacific, Atlantic, Indian, and Arctic Oceans ]  
â†’ Gulf Stream  
â†’ Canary Current  
â†’ Antarctic Circumpolar

### Warm Current

### Cold Current

North Atlantic	Gulf Stream	Warm	Fast, intense; flows from Gulf of Mexico to N. Europe.
North Atlantic	Canary Current	Cold	Southward-flowing; influences West African climate.
North Pacific	Kuroshio Current	Warm	Western boundary current; similar to Gulf Stream.
North Pacific	California Current	Cold	Moves south along the US West Coast; creates fog.
Southern Ocean	Antarctic Circumpolar	Cold	Only current to flow completely around the globe.
Indian Ocean	Agulhas Current	Warm	Southward-flowing along the east coast of Africa.

South Pacific Humboldt (Peru) Cold High-productivity current along  
Current South America.

Data Source: National Oceanic and Atmospheric Administration (NOAA) | Technical Reference  
Template