

MAJOR SURFACE OCEAN CURRENTS

Global Navigation & Climate Reference Chart

OCEAN BASIN	CURRENT NAME	TEMPERATURE	DIRECTION / CHARACTERISTICS
North Atlantic	Gulf Stream	Warm	NE along US East Coast to Europe
North Atlantic	Canary Current	Cold	South along Coast of Africa
South Atlantic	Brazil Current	Warm	South along South American Coast
South Atlantic	Benguela Current	Cold	North along West Coast of Africa
North Pacific	Kuroshio Current	Warm	North along Coast of Japan
North Pacific	California Current	Cold	South along US West Coast
South Pacific	Peru (Humboldt)	Cold	North along South American Coast

OCEAN BASIN	CURRENT NAME	TEMPERATURE	DIRECTION / CHARACTERISTICS
Indian Ocean	Agulhas Current	Warm	South along East Coast of Africa
Southern Ocean	Antarctic Circumpolar	Cold	West to East around Antarctica

Warm: Flows from Equator to Poles
Cold: Flows from Poles to Equator