

GLOBAL OCEAN SURFACE CIRCULATION

Reference Chart & Physical Oceanography

MAJOR SURFACE CURRENTS

Gulf Stream (North Atlantic)

Kuroshio Current (North Pacific)

California Current (North Pacific)

Benguela Current (South Atlantic)

SYMBOLOLOGY

→ Warm Surface Flow

← Cold Surface Flow

Note: Arrows indicate primary direction of transport.

Ocean Basin	Gyre Rotation	Western Boundary Current	Eastern Boundary Current
North Atlantic	Clockwise	Gulf Stream	Canary Current
South Atlantic	Counter-Clockwise	Brazil Current	Benguela Current
North Pacific	Clockwise	Kuroshio Current	California Current
South Pacific	Counter-Clockwise	East Australian	Peru (Humboldt)

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