

MAJOR SURFACE OCEAN CURRENTS

Global Circulation Reference Guide

Warm Currents: Flow from equator to poles

Cold Currents: Flow from poles to equator

OCEAN BASIN	CURRENT NAME	TYPE	IMPACT ON CLIMATE
North Atlantic	Gulf Stream	Warm	Warms Western Europe
North Pacific	California Current	Cold	Cools US West Coast
South Atlantic	Benguela Current	Cold	Creates coastal deserts
Indian Ocean	Agulhas Current	Warm	High evaporation/rainfall
Southern Ocean	Antarctic Circumpolar	Cold	Global nutrient cycling

Educational Resource ðŸŒŽ Global Oceanography Series ðŸŒŽ Plate No. 04