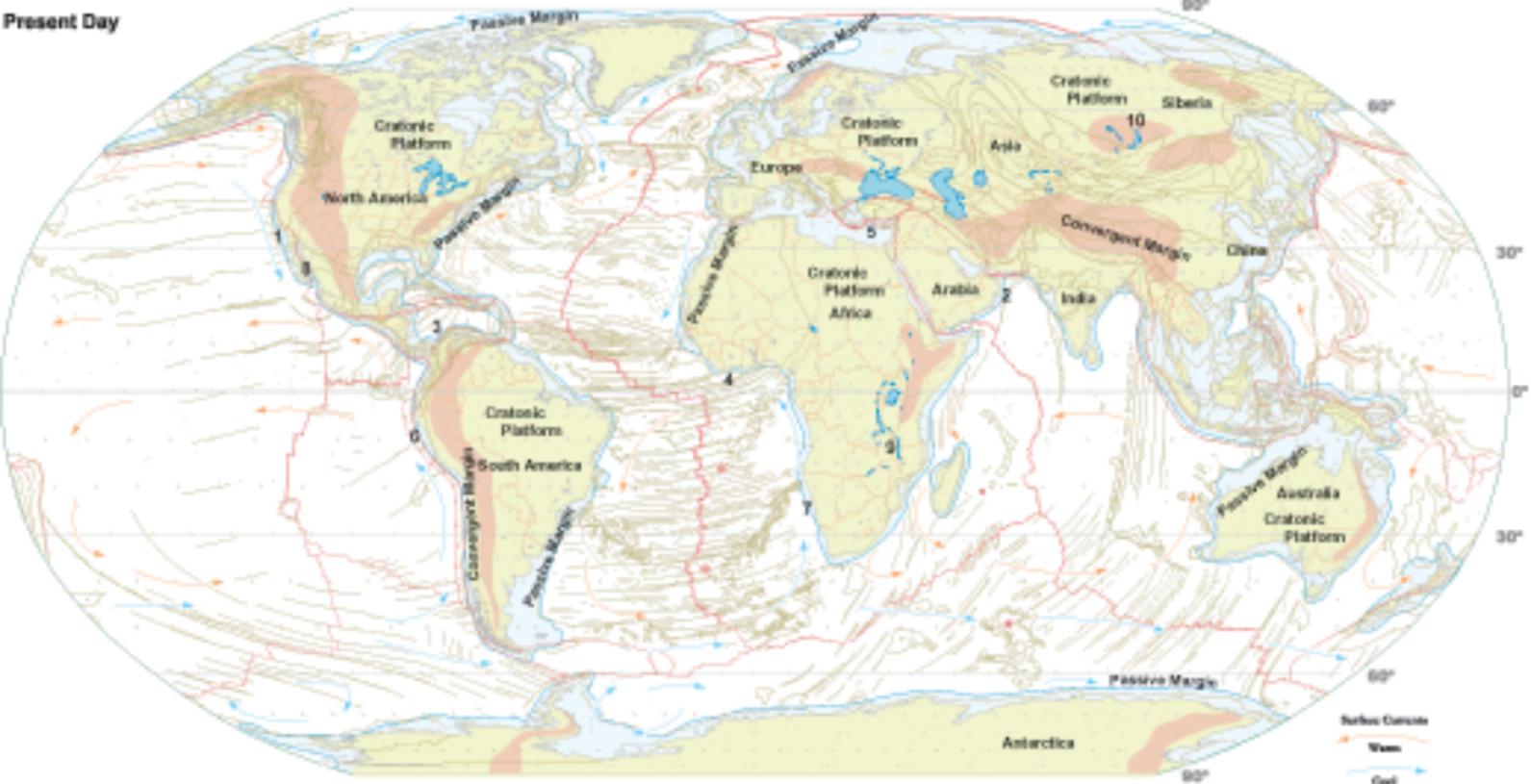


Present Day



Key Features

- Contains widely distributed, dominantly north-south extension
- Contains Alpine-Himalayan orogeny; billions of Patagonians down.
- Major sea level rises and falls on an overall rising sea level
- Relative narrow shelves, small area of epicontinental seas, broad high plateau & mountain belts (Tibet, Colorado, Andes)
- Contains global climatic cooling, long-term intense climate
- Strong latitudinal temperature gradient enhances zonal atmospheric and surface ocean circulation
- Enhanced thermohaline deepwater circulation, oxygenation of deep water
- Widespread, abundant, waxy oil-prone eukaryotes; land plants

Representative epeirogenous-rich sediments:

Basin	Are	OBG. Type
1. Santa Barbara basin	California	Slope/Steep (shallow)
2. Oman margin	Oman	Slope/Steep
3. Cariaco Basin	Venezuela	Slope/Steep (shallow)
4. Guinea Basin	Africa	Slope/Steep (shallow)
5. Eastern Mediterranean		Slope/Steep (shallow)
6. Offshore Peru	Peru	Construction shelf margin
7. Goliath Margin	Namibia	Construction shelf margin
8. Gulf of California	Mexico	Construction shelf margin
9. Lake Baikal	Russ. Shelves	Lacustrine, Overfilled
10. Lake Malawi	Russ. Africa	Lacustrine, Balanced-HL

Basin	Ref.
Apulia	Moullé & Sano, 1979
	Moullé & Sano, 1979
	Spoon & Pommerehne, 2001
	Moullé, 1987
	Moullé, 1987
	Potter, 1987
	Moullé & Sano, 1979
	Cohen, 1997
	Hower et al., 1995
	Hower et al., 1998

Map Legend:

	Highlands
	Lakes
	Land
	Sed., Carbonate
	Sed., Clayey sand
	Oceanic
	Subduction Zone
	Spreading Ridge
	Plate Boundary
	Hot Spot