

Section 19-1

What Causes Climate



What is climate?

The average year-after-year conditions of temperature, precipitation, winds and clouds in an area

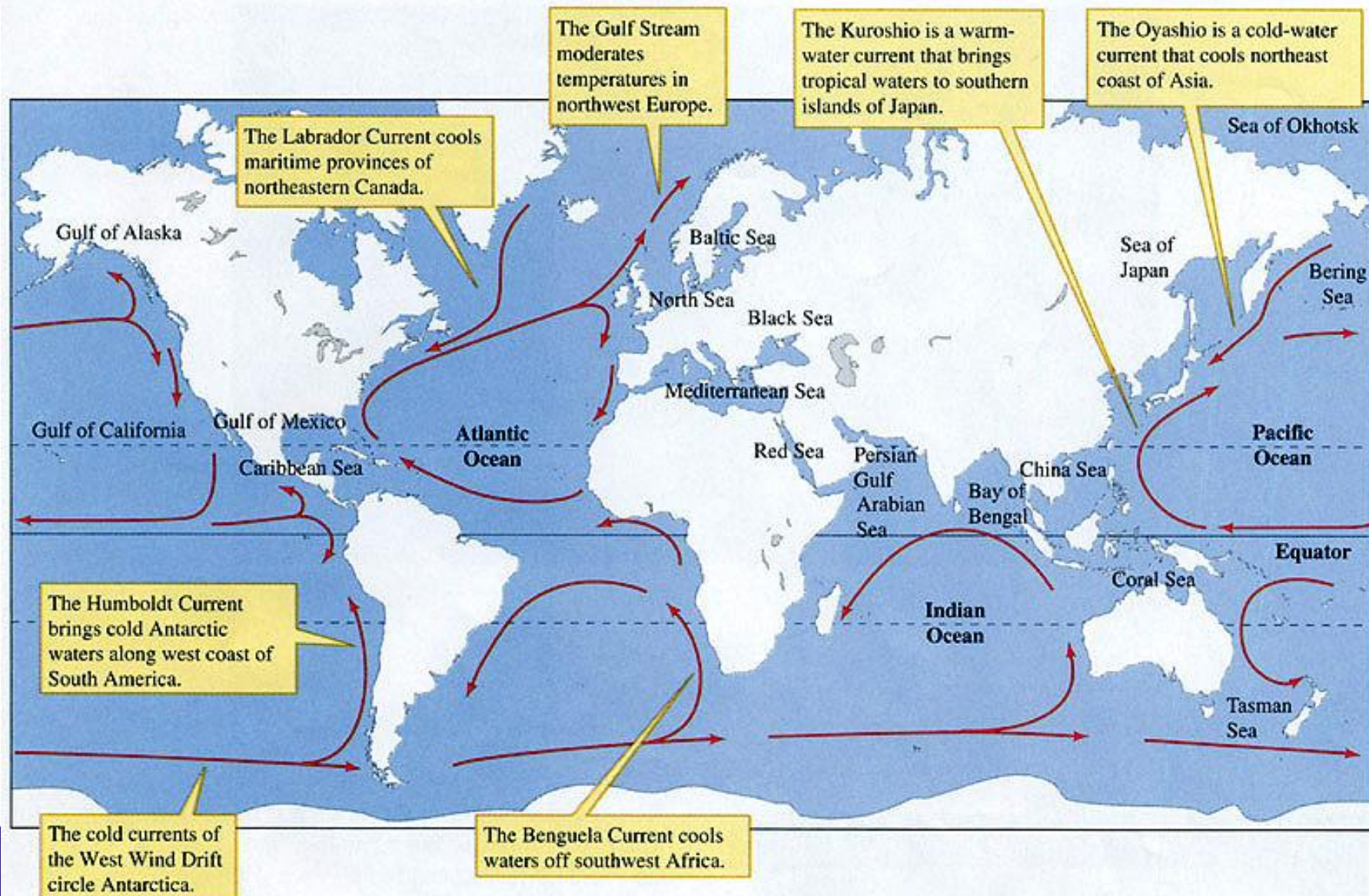
What are the two main factors that determine climate?

1. Temperature
2. Precipitation

What are the four main factors that influence temperature?

- 1. latitude**
- 2. altitude**
- 3. distance from large bodies of water**
- 4. ocean currents**

Climate Regions



What are the two main factors that influence precipitation?

1. prevailing winds
2. mountain ranges



Climate Regions

Microclimates

A small area with specific climate conditions

Seasons

Caused the tilt of the Earth's axis

Section 19-2

Climate Regions



Five Main Climate Regions:

1. tropical rainy
2. dry (hot or cold)
3. temperate marine
4. temperate continental
5. polar

A highland climate can occur within any of the other zones.

Climate Regions

