

Earth: Maps, Hemispheres, Longitude & Latitude





Maps

We use maps to represent the Earth.

World maps are representations of the Earth on a flat surface.



Maps



- **Political Map**: shows political features like provinces, cities, towns, states.



- **Physical Map**: Shows natural features of Earth like mountains, plains, rivers, oceans, etc.



- **Thematic Map**: displays information about a topic or theme like population, rainfall levels, etc.

Hemispheres



- There are 4 hemispheres:
- Northern
- Southern
- Eastern
- Western

Northern Hemisphere



Eastern Hemisphere



Southern Hemisphere



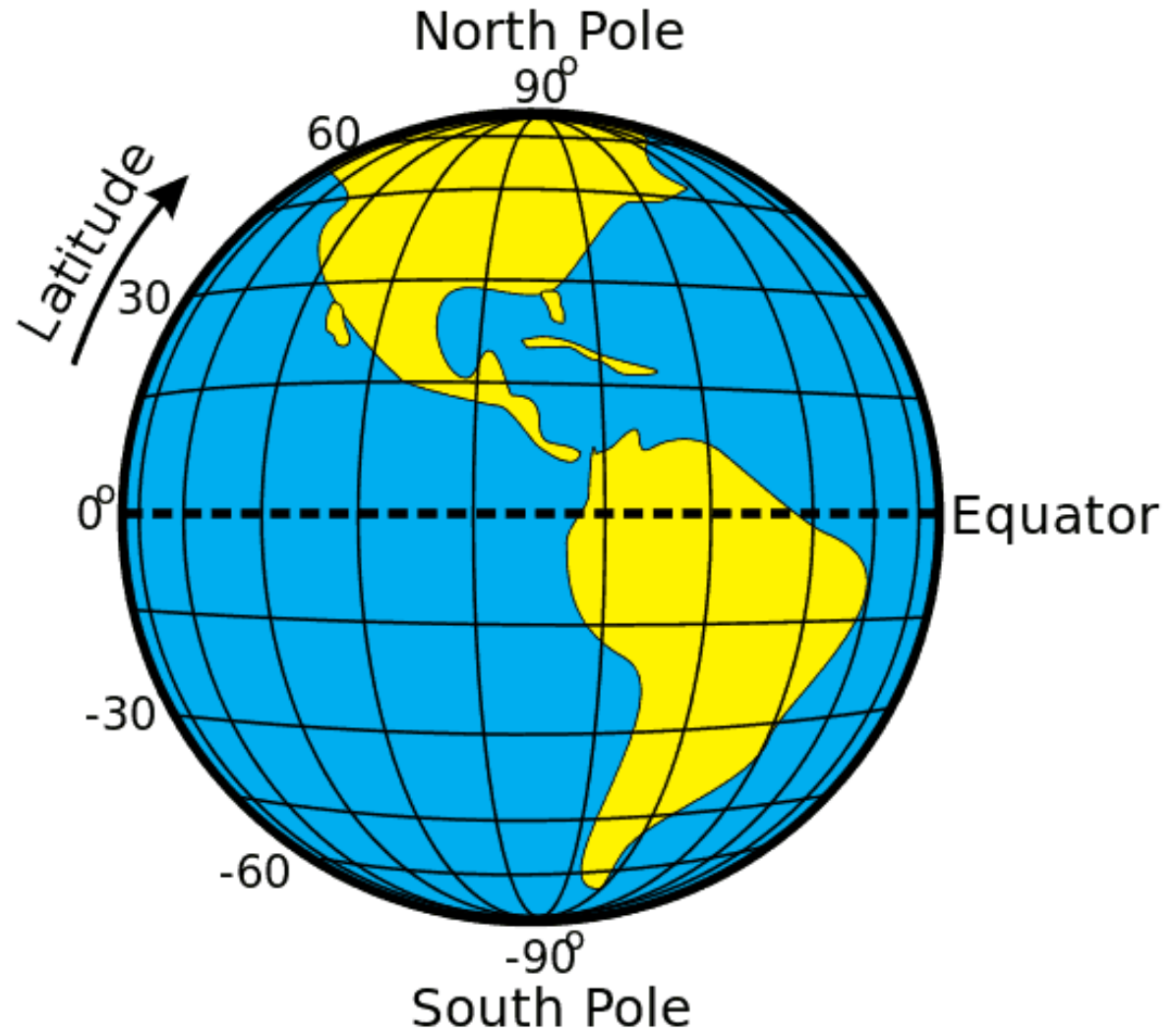
Western Hemisphere



Hemispheres

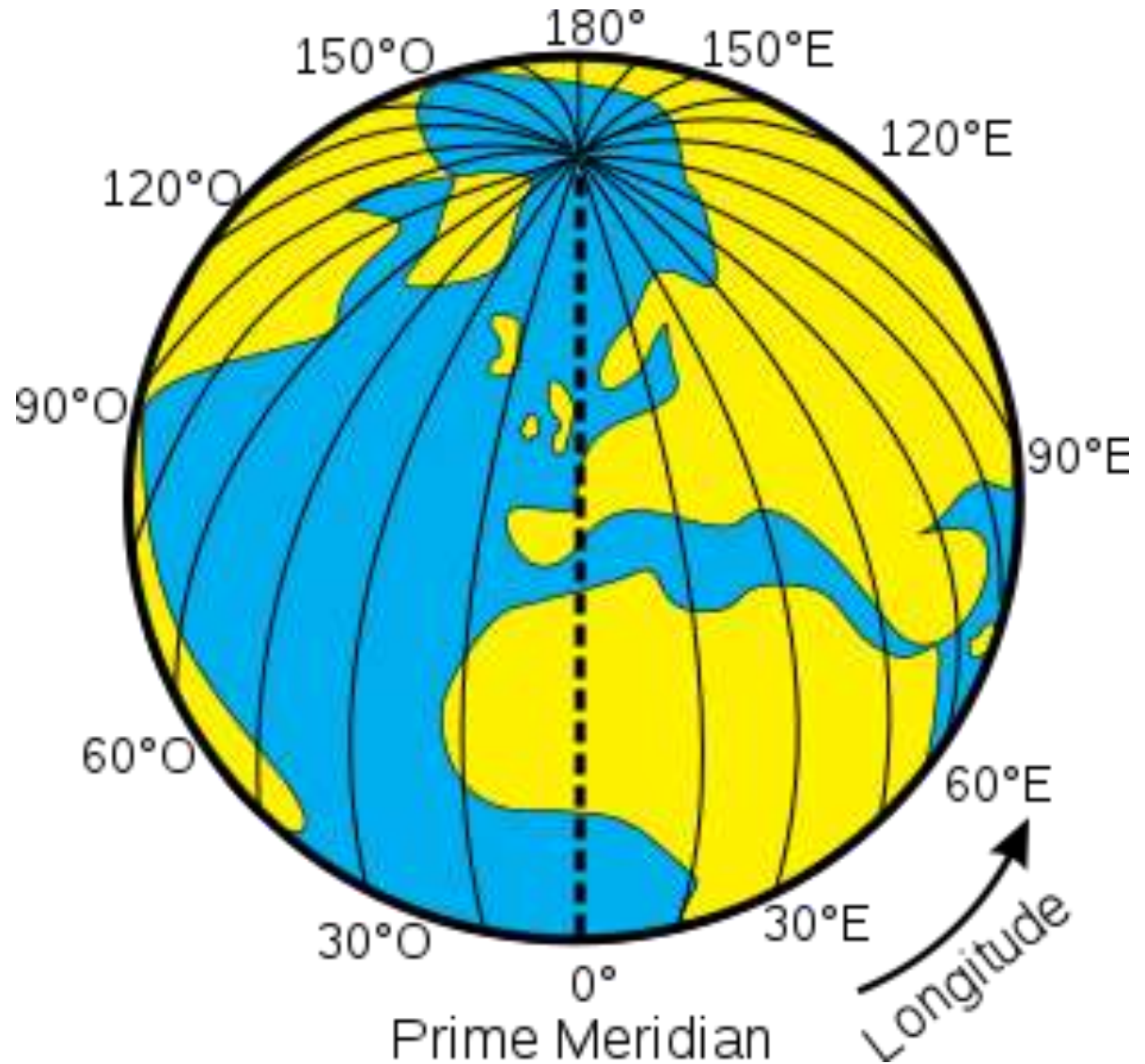
An imaginary line dividing the world into the Northern and Southern Hemispheres is called the **equator**.

It is halfway between the North and South Poles. Located **0° latitude**.

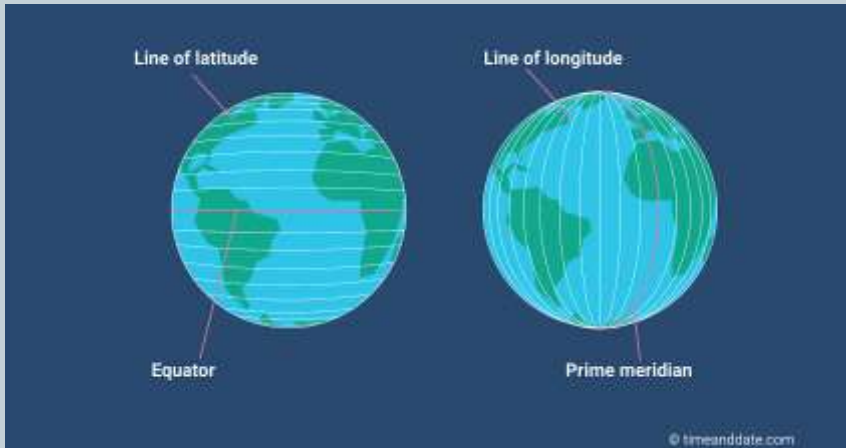


Hemispheres

An imaginary line dividing the world into the Eastern and Western Hemispheres is called the **Prime Meridian**. Located **0° longitude**.



Latitude & Longitude



- **Latitude** measures the distance north or south of the Equator. **Parallels** are horizontal lines which measure latitude.
- **Longitude** measures the distance east or west of the prime meridian. **Meridians** are vertical lines which measure longitude

North, West, East, South

- Four main directions of a compass. Used for navigation and geographic orientation.

