

## Geographical coordinates

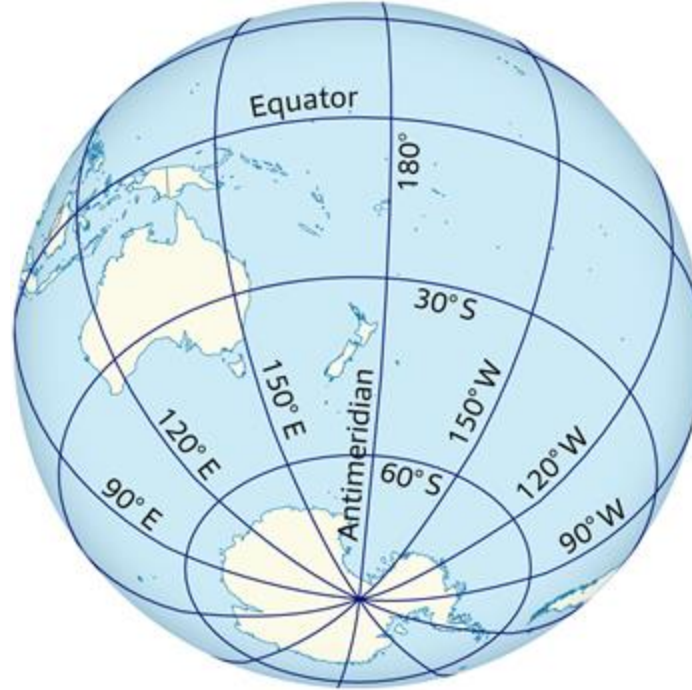
The Earth's axis and the Equator;  
Parallels and meridians;  
Latitude and longitude;  
Time zones;  
The Nautical Mile.



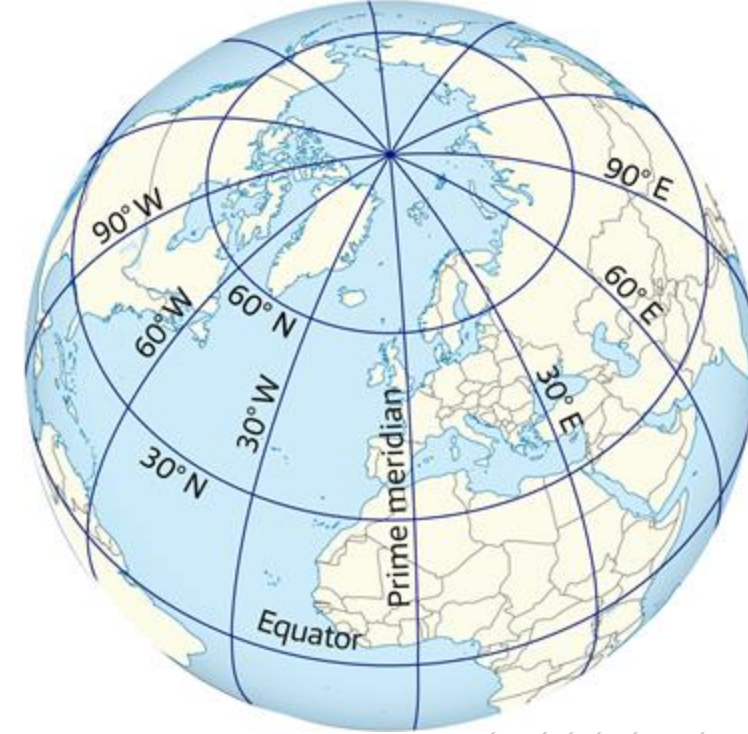
**The Equator** is an imaginary line that divides the Earth in two halves called Northern and Southern Hemisphere.

Equator

Southern Hemisphere

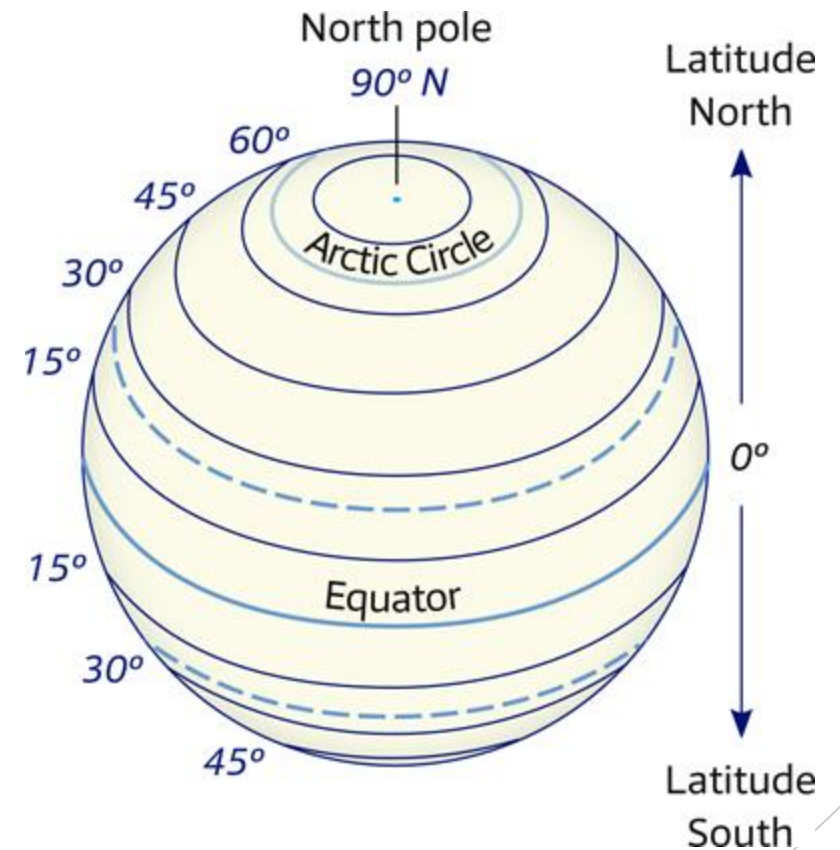


Northern Hemisphere



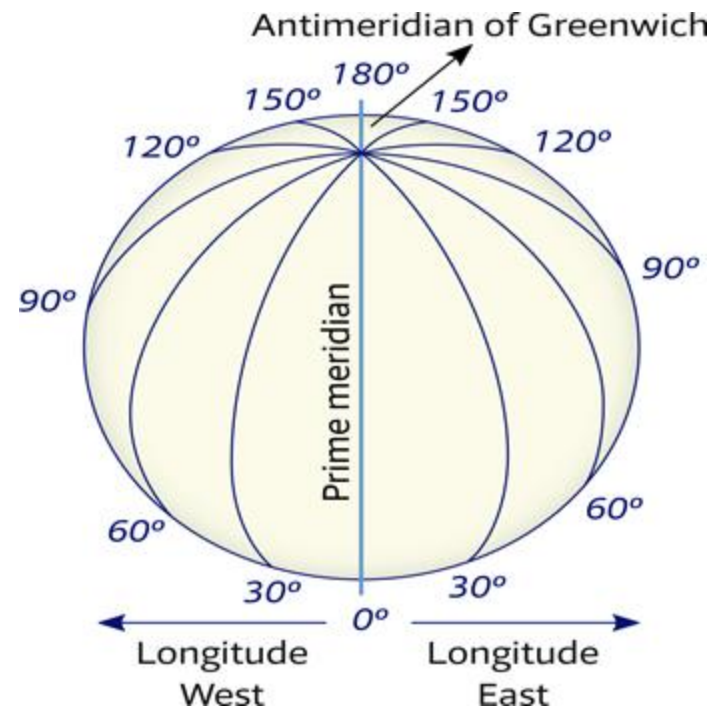
# Latitude

The **Latitude** of a place is the **Arc of a Meridian** that is found between the parallel passing through that place and the Equator, it's indicated by the symbol  $\phi$  (fi).



# Longitude

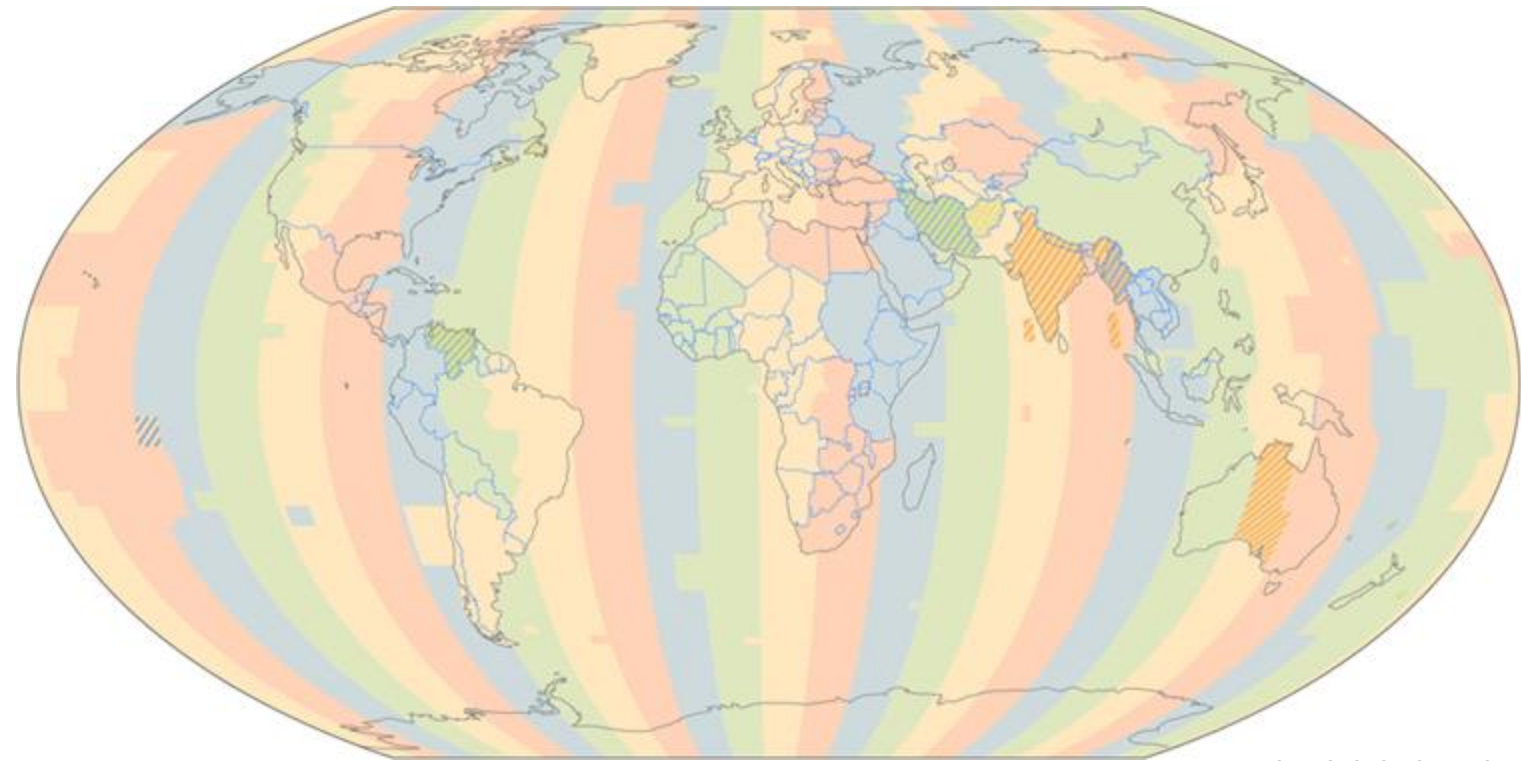
- The **longitude** of a place is the **Arc of The Equator** found between the Greenwich Meridian and the meridian passing through that place, its symbol is  $\lambda$  (**lambda**).



# Time Zones

The Earth is divided in 24 time zones

Times zones are numbered from 0 to 23 in an eastly direction, starting from Greenwich (**Time Zone 0**).



**Behind**



**London**



**Ahead**

The distance a ship travels is measured in Nautical Miles (unit of measurement for distances at sea).

# Nautical Mile

