

22. Atmosphere – climate

Climate = long-term conditions of the atmosphere in a place/region. It is more stable than weather and influenced by many factors:

Latitude – the greater the latitude, the less the insolation

Distance from the sea – the longer the distance, the greater the temperature extremes

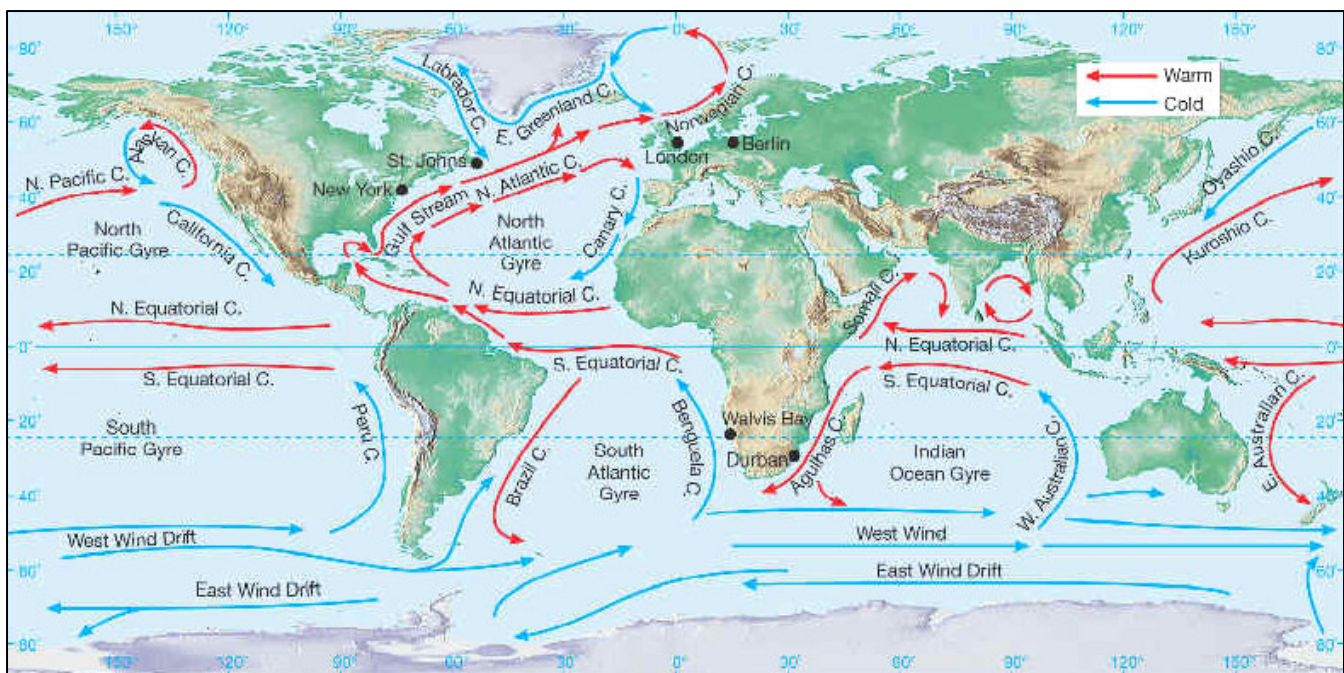
Global circulation within troposphere – transport of different (warm and cold) air masses

Ocean currents – influence coastal areas

Altitude – with increasing altitude, temperature drops about 0.6°C

Relief – whether there are mountains or not

Anthropogenic activities – deforestation hence change of vegetation cover, etc.



Keywords

climate, latitude, insolation, temperature extremes, air mass, ocean current, coastal areas, altitude