

Heat Transfer on Earth

Methods of Heat Transfer:

- conduction (heat travels through an object)
- convection (gases or liquids carry heat)
- radiation (transfer by infrared, through space)

Heat transfer on earth is accomplished through convection through water (oceans) and gases (atmosphere). Ocean currents and wind convect heat from one location on earth to another.

The general tendency of heat is to move from hot to cold. Heat moves from the equator towards the poles.

Gulf Stream: Moves heat from the tropics (Carribean) to Western Europe. This is the reason why England has climate that is milder than ours, even though it is further north.