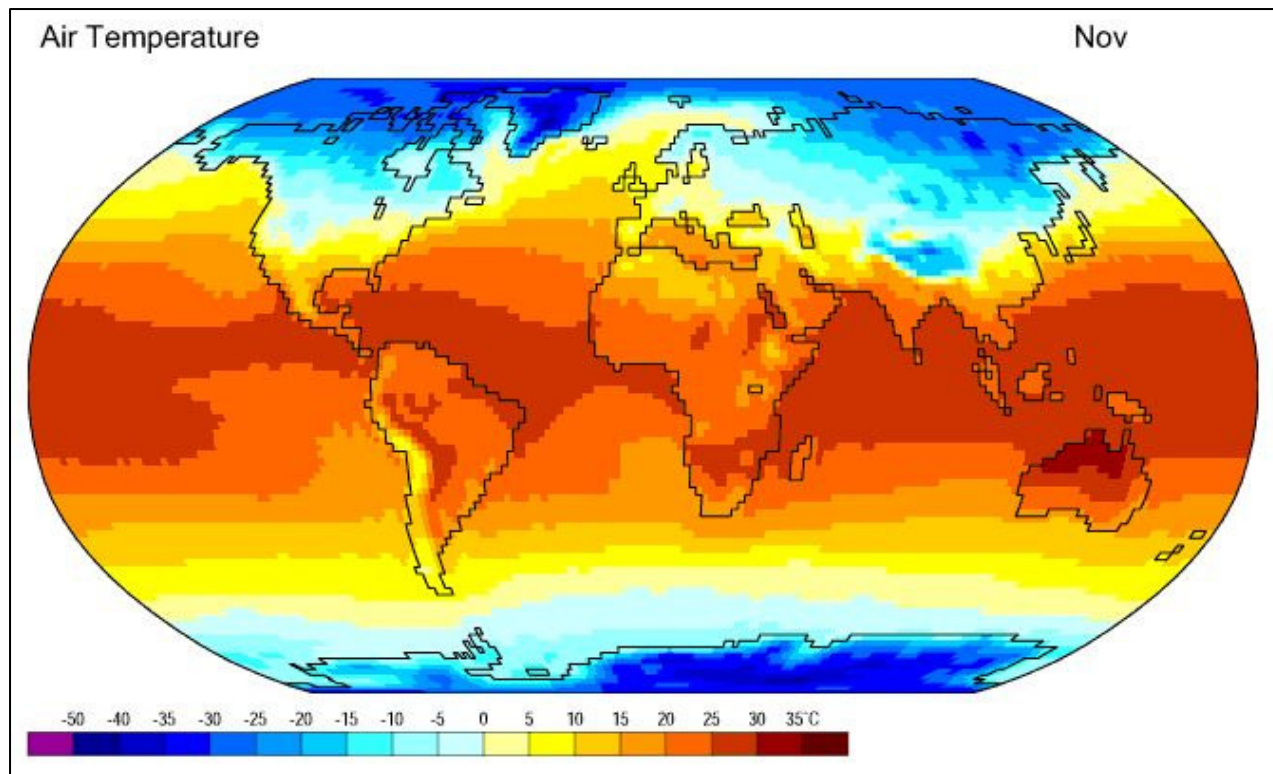


23. Atmosphere – temperature patterns

Heat and energy transfer (change) realizes by complicated currents (streams) of different water and air temperatures.

Solar radiation (insolation) = the main source of processes taking place within atmosphere => it heats up the relief – soils (pedosphere), water surfaces (hydrosphere) and troposphere.

According to globular shape of the Earth, heat (temperature) levels *change from the equator towards North and South pole*. The whole Earth is in heat equilibrium (balance).



Distribution of temperature in the world is the direct result of many climate-influencing factors.

Tasks:

1. Describe the map of world's temperature differences.
2. Outline the interaction between ocean currents and temperature differences in the world.
3. Outline the interaction between altitude and temperature differences in the world.
4. Outline the interaction between distance from the sea and temperature differences in the world.

Keywords

insolation, heat balance, climate-influencing factors

