

Factors of climate and its Elements

Factors of Climate: Physical Conditions that determine the climate in a given area. These don't change.

Relief	Altitude	Ocean currents	Latitude	Nearby seas or water
--------	----------	----------------	----------	----------------------

_____	how close a place is to the Equator.
_____	or elevation, measures how high the land is above the sea level.
_____	or landforms can affect some weather conditions.
_____	The distance from the sea has an effect on the surrounding land.
_____	In some areas warm water is moved from the equator to a colder region causing the region to be warmer.

Elements of climate: any of the properties or conditions of the atmosphere and ocean that together define the climate of a place: Temperature, atmospheric pressure, humidity, precipitation, wind. These change at any moment.

Temperature:	The amount of water vapor in the air.
Precipitation:	the movement of the air in the atmosphere.
Atmospheric pressure:	the weight of the air in the atmosphere.
Humidity:	the amount of heat in the air.
Wind:	water that falls from clouds

• ml • kilometres • mm • thermometer • vapour • scales

temperature	humidity	precipitation	wind	atmospheric pressure
<ul style="list-style-type: none"> the amount of heat in the air unit: degrees Celsius (°C) or degrees Fahrenheit (°F) instrument: 	<ul style="list-style-type: none"> the amount of water in the air unit: percentage (%) instrument: hygrometer 	<ul style="list-style-type: none"> water that falls from clouds unit: millimetres (.....) instrument: rain gauge 	<ul style="list-style-type: none"> the movement of air in the atmosphere unit: per hour (km/h) instrument: anemometer 	<ul style="list-style-type: none"> the weight of the air in the atmosphere unit: hectopascals (hPa) instrument: barometer