

Chapter 21 Climate

>>> **Homework: Read Ch 21.1 and Ch 21.2 by Wednesday, March 25th** <<<

- **Vocabulary words to know:**

Tropical zone	Koppen Climate Classification System
Temperate zone	Mid-latitude
Polar zone	Highland climates

- **Factors That Affect Climate:**

Latitude – the distance north or south of the equator. As latitude increases, the average of solar energy decreases thus lowering temperature.

Elevation – the height above sea level. As elevation increases, the colder the climate.

Topography – elevation of land in the form of mountains and mountain ranges.

Water Bodies – large bodies of water that have an important effect on temperature of an area, such as lakes and oceans and seas.

Atmospheric Circulation – global winds that influences climate because they distribute heat and moisture around the Earth.

Vegetation – plants that can affect both temperature and the precipitation patterns in an area.