

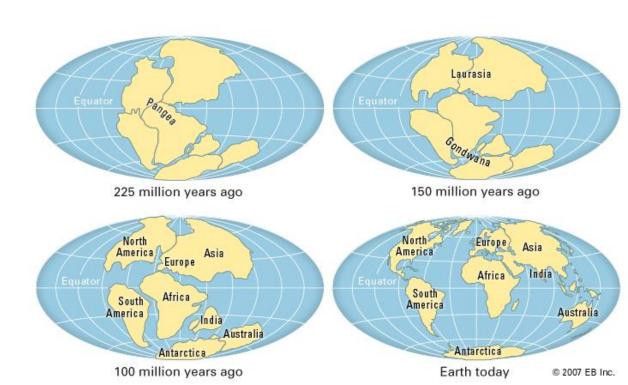






The Ground

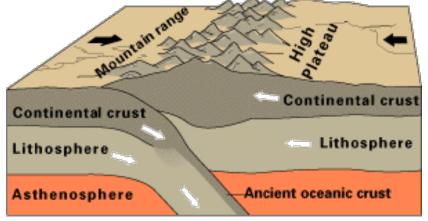
- Also known as the
- Earth itself is made of
- The top layer we live on is not even solid
 - Consists of
 - Fit together like puzzle pieces
 - Are in a constant state of



The Ground

As these plates move, they bump into each other creating ; 3 types...

created where plates push together





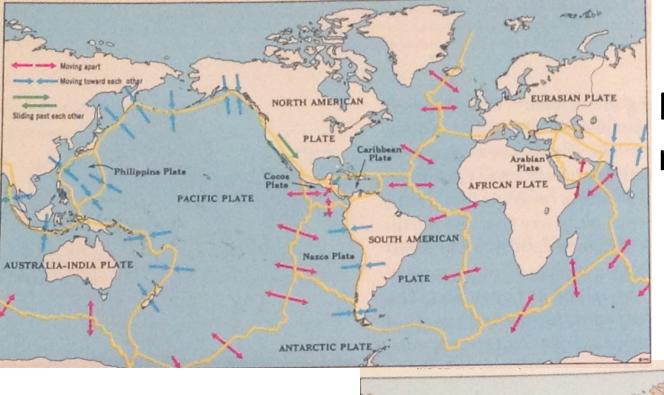
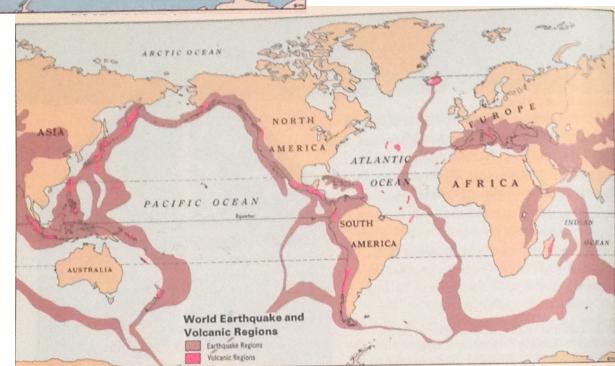


Plate movement

Tectonic activity



The Water

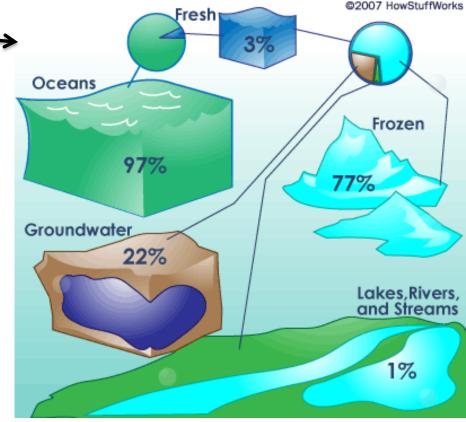
Also known as the

This is why pollution is such an important

issue...

 Water heavily impacts both physical & human geography

- People, animals, and plants require to survive
- Large bodies of water influence



landforms (Earth's most

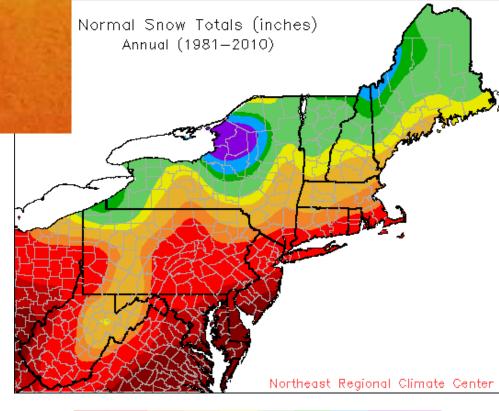
- Known as the
- Helps to protect Earth from along with Earth's magnetic field
- that form in the atmosphere act as a blanket helping
- At different places around Earth winds constantly blow in certain directions
 - Known as
 - This is a result of the sun

- Weather ≠ climate
 - Weather is the (temp., cloud cover, precipitation)
 - Climate is the
- Climate ≠ terrain
 - Would a desert be a climate or terrain?
 - Terrain is the
 - Therefore, a desert would be a ; the of such an area is known as

- Primary factors that impact climate and weather patterns:
 - (how close to the equator are you?)
 - Large bodies of water



The Lake Effect



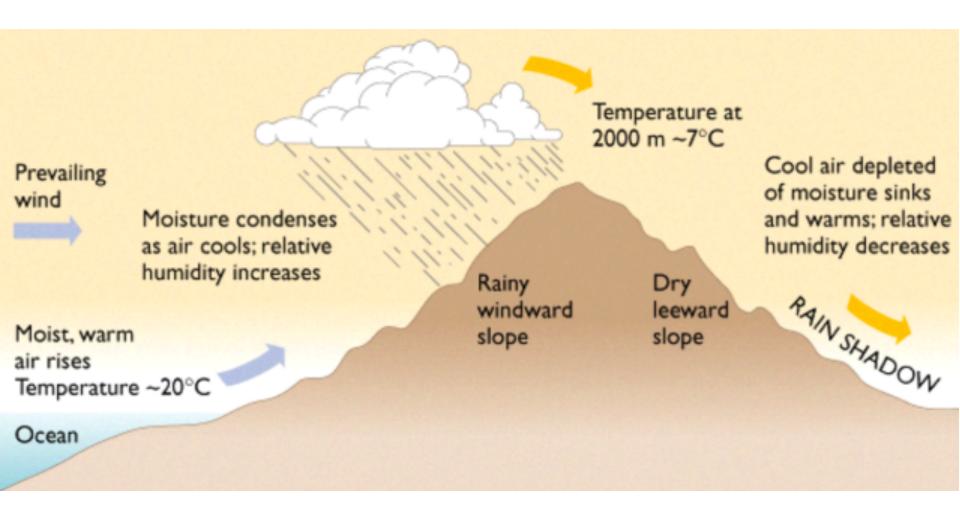
80 100 110 130 160 170

50

- Other factors of weather and climate:
 - are cooler (air warms along the , so you're further from the heat source)
 - Mountains create an (rain shadow)effect creating
 - Within the prevailing winds are zones of

- zones are areas
- zones are areas

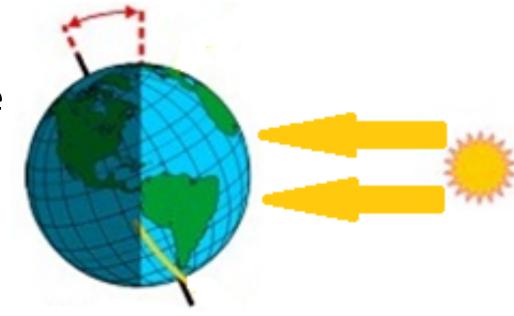
The Orographic Effect



Video: Pressure systems, weather, and climates

Earth in Space

- Earth is tilted at
- Earth's round shape and tilt results in



- Special water relationship with causes
 - Gravitational force of the moon creates tides
 - When the sun, Earth, and moon line up with each other it magnifies this effect

