

30 microseconds



VOLCANIC ERUPTION

This happens when a cloud becomes electrically charged. The top of the cloud becomes positively charged, while the bottom is negatively charged. It is the spark of electricity that occurs between these two regions as the cloud tries to become neutrally charged.

LUNAR CYCLE

During this phenomena, lava, ash, volcanic bombs and gases are released from within Earth to its surface through a volcano. Sometimes they are very explosive and produce lots of lava. Other times, only a small amount of ash may be released.

1 year to move 5 cm.

It consist of the phases of the moon that can be seen from earth. The phases are created by the shadow cast on the Moon by the sun as the moon moves around the Earth.

MOVEMENT OF TECTONIC PLATES

HURRICANE



1 hour - thousands of years

These are large rotating storms that form over warm ocean water. They produce very high wind speeds of 119 km/h or more.

Earth is made up of layers. The layer that we walk on is called the crust. Underneath the crust is mantle. This layer has slow moving currents in it that cause the crust to move. Over hundreds of thousands of years, this has caused the shape of Earth's crust to change dramatically - from one huge landmass to many smaller landmasses.

1-31 days

IMAGE	PHENOMENON	WHAT IS IT?	DURATION
	LIGHTNING		
			
			29 days
			
			