

30 microseconds



VOLCANIC ERUPTION

1 year to move 5 cm.

It consists 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

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.

IMAGE	PHENOMENON	WHAT IS IT?	DURATION
	LIGHTNING		
			29 days