

Natural Disasters!

by Sam

Chapter 1

Earthquakes

An earthquake is made by two tectonic plates rubbing together reverse rubbing or slamming together. An earthquake can really damage the environment and it can damage are man-made buildings.

Facts about earthquakes

.An earthquake has not happened in the UK for more than 5 billion years

.An earthquake that hit Haiti in January 2010 with a magnitude of 7.0 killed over 200000 people.

.The most powerful earthquake ever recorded was in Valdivia ,Chile occurring In 1960 it had a magnitude of 9.5

.The 2004 earthquake that occurred in the Indian Ocean near Sumatra,Indonesia triggered a series of Tsunamis that killed over 200000 people in 14 different countries

.The damage caused by earthquakes also depends on their depth and fault type

Volcanos

A volcano is cased by pressure building up in the magma chamber and when it can not hold any more it will burst and magma will come out when it hits the ground it is called lava it will dry in about 1 minute or less.

Here is a picture of a volcano.

<https://ralphygeogers.files.wordpress.com/2012/07/volcano.jpg>

As you can see in the picture this is a new volcano as it is
Not very big

There are three types of volcanos

Active-erupts all the time

Dormant-erupts every 1 to 5 years

Extinct-will probably not erupt ever again

Tsunamis

A tsunami is a series of ocean waves caused by an underwater earthquake, landslide, or volcanic eruption.

More rarely a tsunami can be generated by a giant meteor impact in the ocean. They can reach the height of 100 ft.

<https://www.dosomething.org/us/facts/11-facts-about-tsunamis>

You can see in this picture of a tsunami the tsunami is about to sweep up a pathway.

This is why most people don't live by the sea, if you do want to live by the sea then don't if you know there is a underwater volcano!

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Tsunamis are very dangerous it can, move houses and break flats, it can move cars and break them and kill parents, children and babies.

Also it can fill the whole world.

