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JAPAN EARTHQUAKE & TSUNAMI OF 2011

INTRODUCTION

I am going to explain the earthquake and tsunami of Japan were on March 11, 2011. With a magnitude of 9 grades on the Richter scale. This tsunami and earthquake have not the record of this century. The record is in Sumatra in 2004 with a magnitude of 9.1 grades on the Richter scale.



PLATES COLLIDE





1.DUBLIN-TOKYO: 9585 KM. 13 HOURS BY PLANE

2.MADRID-TOKYO: 10761 KM. 13 HOURS AND 30 MINUTES BY PLANE

JAPAN EARTHQUAKE

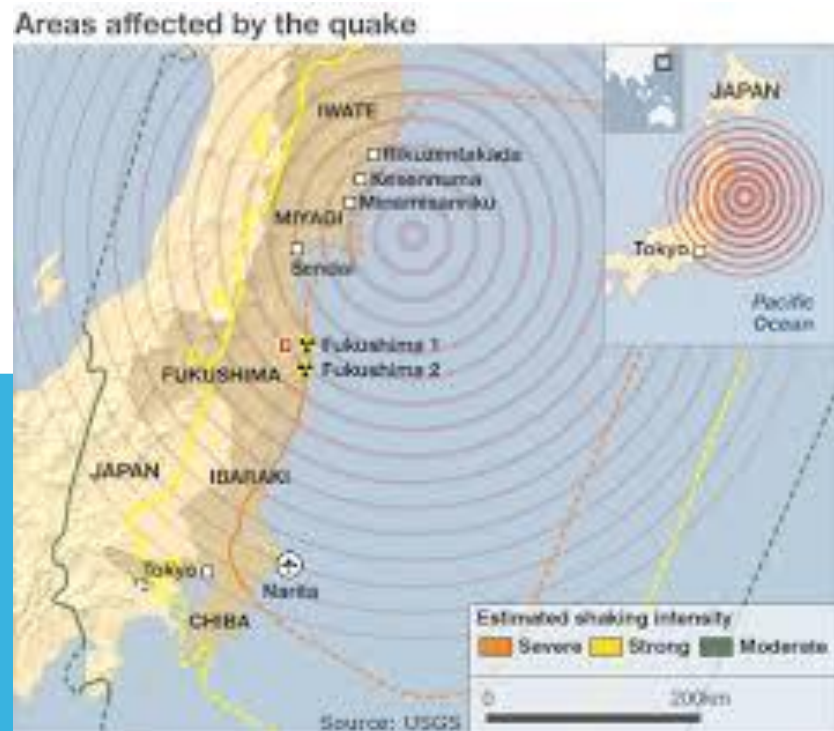
The earthquake, was the March 11, 2011. (05:46 UTC)

In 2011 in Spain we had an earthquake also, was in Lorca (Murcia). The 11/5/2011 (15:47 UTC). And it was of 5.3 grades on the Richter scale

In 2010 were two earthquakes the first on Haiti (12/1/2010, 20:53 UTC and it was of 7.0 grades in the Richter scale). The second was in Chile (27/2/2010, 07:34 UTC and it was of 8.8 on the Richer scale)

This morning at 00:08 UTC occurred an earthquake in El Salvador. 7.0 grades in the Richter scale (14/10/2014)

This picture is from the epicentre of Japan earthquake & tsunami 2011



WHAT IS A TSUNAMI?

Tsunami: From the Japanese (tsu: port and nami: wave). Is a seismic sea wave, is a series of water waves caused by the displacement of a large volume of a body of water, generally an ocean or a large lake.

http://www.youtube.com/results?search_query=earthquake+japan+2011

<http://www.youtube.com/watch?v=-5fKvN-RwKs>

Indonesia



Japan




EFFECTS OF THE TSUNAMI

EFFECTS:

- ❖ 20896 dead people
- ❖ 3084 missing people
- ❖ 6025 injured people
- ❖ 1235 replicas

EFFECTS OF THE TSUNAMI

DAMAGE:

1. 6 million of homes lost the electricity
 2. 1 million of homes had no running water
 3. Explosions at the Fukushima power-plant
 4. Ruptured gas pipes led to fires 500 km² coastal plains hit destroying
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EFFECTS OF THE TSUNAMI

FUKUSHIMA:

The tsunami caused a cooling system failure at the Fukushima Daiichi Nuclear Power Plant, which resulted in 7 nuclear meltdowns and release of radioactive materials

About 300 tons of radioactive waves continue to back from the plant every day into the Pacific Ocean, affecting fish and other marine life

VIDEOS AND PHOTOS

<http://www.youtube.com/watch?v=diVGveF83Zw>

