

Tsunami Main Causes:

Earthquakes, underwater volcano, underwater gas release, landslides, avalanche, volcano eruption, collapse of an island or a meteorite.

TSUNAMI ALERT

1. The **PACIFIC TSUNAMI WARNING CENTRE (PTWC)** issues its alert to the National Met Service and NEMO which is shared with the Public.
2. Immediately the **FIRE DEPARTMENT** (assisted by the Police) will sound the warning for a tsunami threat. *(Where there are no Fire Tender, pre-arranged vehicles will continuously honk their horn)*
3. **Whilst sounding the Sirens, the Fire Service will simultaneously inform the public of the threat via a loud hailer/ bull horn.**
Sirens will blast continuously.

NEMO HQ and all emergency offices will simultaneously send out the **WARNING** via the media houses, social media, text etc.

An earthquake in the ocean may create a wave start 3 ft. high and grow to 65 ft. as it enters shallow coastlines. The waves can travel 500-600 mph.

THE DRILL

Once the **FIRE ENGINE** siren OR pre-arranged vehicle horns are blaring:

- ⇒ If you are safe where you are, **STAY THERE**
- ⇒ If you are near the sea or coastline and it is not safe, move as far away as possible to the highest point in your surroundings
- ⇒ If you see the sea going out **immediately move away from the coast to high ground or to the 2nd OR 3rd level of the nearest sturdy building** such as schools, public buildings, hotels, homes of family and friends etc.
- ⇒ **DO NOT GO NEAR THE SEA**, never go down to the beach to watch a tsunami. Move away from the incoming waves. If you can see the waves coming, you are too close to escape.
- ⇒ Before leaving, **TURN OFF YOUR GAS TANK** and be prepared for aftershocks. **STAY AWAY FROM GLASS OBJECTS! DO NOT DRIVE** onto roads, bridges, culverts etc., that may have been damaged by the earthquake.
- ⇒ In the case of aftershocks **TAKE COVER/DUCK UNDER** a sturdy furniture, bed etc., and **HOLD ON.**
- ⇒ Listen for NEMO's alert notices and advice
- ⇒ **STAY CALM, TRY NOT TO PANIC! STAY PUT UNTIL NEMO ISSUES THE "ALL CLEAR"**



National Emergency Management Organization
Melhado Parade
Belmopan, Belize

Tel: 822-2054 / 822-0995

Fax: 822-0874

Toll Free: 936

Website: www.nemo.org.bz

Email: nemohqbmp@nemo.org.bz



NEMO
"Preserving Life and Property"

EARTHQUAKE & TSUNAMI



Safety Guidelines

What is an Earthquake?

An earthquake is the shaking of the ground caused by sudden breaking and movement of large sections (tectonic plates) of the earth's rocky outermost crust. The edges of the plates are marked by faults (or fractures). Most earthquakes occur along the fault lines.

What are the Effects of an Earthquake?

- ◆ INJURIES AND DEATH
- ◆ LANDSLIDES in mountain areas
- ◆ FIRES from broken electrical lines
- ◆ DAMAGE to property & infrastructure
- ◆ FLOODING from broken pipes, dams
- ◆ Hazardous Chemical Spills
- ◆ Liquefaction - weakened soil
- ◆ TSUNAMIS usually follow after earthquakes

A Tsunami is a large, potentially destructive fast moving sea wave generated by any event that displaces a large body of water, like the sea, the ocean, lakes etc.

BEFORE AN EARTHQUAKE

- ◆ Become actively involved with NEMO and the Red Cross. Call NEMO District Office for information.
- ◆ Build your home in accordance with the recommended building codes.
- ◆ Repair defective electrical wiring and leaky gas connections. These are potential fire risks.
- ◆ Secure water tanks, water heaters, gas cylinders and storage units to walls or floors.
- ◆ Always store non-perishable food items, water, medicine, first aid pack, flash lights and whistles.
- ◆ Place largest and heaviest items on lower shelves
- ◆ Repair defective electrical wiring and leaky gas connections. These are potential fire risks.
- ◆ All family members should know how to turn off electricity, gas and water connections.
- ◆ All family members should know what to do during an earthquake, and practice these tips regularly.

DURING AN EARTHQUAKE

- ◆ Remain calm. Do not rush for exits.
- ◆ If inside, stay there. If outside, stay there.
- ◆ If inside a building, stand in a strong doorway or get under a desk, table or bed.
- ◆ Move away from windows, glass doors, heavy mirrors, pictures, bookcases, hanging plants and heavy objects.
- ◆ Watch for falling plaster, bricks, light fixtures and other objects.
- ◆ Do not use elevator or stairs.
- ◆ If in a vehicle, do not stop ON or OVER a bridge
- ◆ If outside stay there, away from obvious signs of danger.

STAY CALM - DO NOT PANIC

Protect Yourself During an Earthquake

DROP, COVER, AND HOLD ON!



AFTER AN EARTHQUAKE

DO NOT ATTEMPT TO MOVE SERIOUSLY INJURED PERSONS

- ◆ Check for fires.
- ◆ Check for injuries - administer first aid.
- ◆ Check utilities - shut off if necessary.
- ◆ Check your house for serious damage. Evacuate if there is a threat of collapse.
- ◆ Secure safe drinking water.
- ◆ Turn on radio for emergency news.
- ◆ Clear up hazardous materials.
- ◆ Be prepared for additional earthquake shocks.
- ◆ Stop in the open, away from buildings, trees, electrical lines and overpasses.

**◆ DO NOT LIGHT A MATCH
◆ DO NOT TOUCH FALLEN POWER LINES**