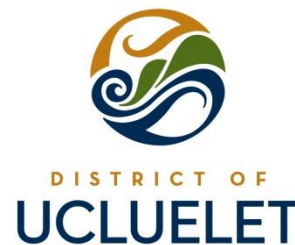


TSUNAMI / EARTHQUAKE WHAT TO DO - Q & A



On the West Coast a significant earthquake may be followed by a Tsunami. The impact of this natural disaster will be significant - plan to be self-sufficient for 72 hours or longer.

HOW WILL I KNOW A TSUNAMI IS ON ITS WAY?

A SIGNIFICANT LOCAL EARTHQUAKE

A significant local earthquake could be 20 seconds to 5 minutes in duration (this will make standing difficult). Within minutes, a series of tsunami waves could reach the West Coast.

What to do:

- DROP, COVER & HOLD-ON during the earthquake
- Immediately move to higher ground following the earthquake if you are in a low lying area – the following locations are all 20 meters (about 66 feet) or more above sea level:
 - High school and associated fields
 - Tugwell fields
 - Top of Hyphocus Island
 - Upper parts of Millstream (industrial area)
 - High points on Reef Point road
 - High points on Coast Guard road
 - Information centre at Highway 4 junction
 - High part of Sutton Road



DO NOT wait for an official warning (there may not be sufficient time for officials to issue a warning)

DO NOT pack (have your grab-and-go bag already packed by the exit)

DO NOT go to the beach to watch - tsunamis move faster than you can run (well over 970 kph (600 mph) in the open ocean)

DO wait for an "all clear" from local officials before returning home or to low lying areas (a tsunami may have more than one wave, and the first wave may not be the largest and tsunami wave activity may last 24 hours or longer)

- If you are 20 meters above sea level, stay where you are (see map at Ucluelet Community Centre)

NOTIFICATION FROM LOCAL GOVERNMENT

Some Tsunamis may start far away and take some time to arrive on the BC coast. Notification may include the following: door to door notice, loud hailers/vehicle-sirens, fire hall siren, local radio, marine VHF radio, and/or signage at affected areas.

What to do during a:

- | | |
|-------------------------|---|
| Tsunami Watch | - Wait for further information |
| Tsunami Advisory | - Stay away from the waterfront and remain above the high tide line |
| Tsunami Warning | - Move to higher ground (see table on reverse for more detail) |

SUDDEN CHANGES IN SEA LEVEL

A sudden rise or fall in sea level or a loud roaring sound heard coming from the ocean may be the first signs of danger.

What to do:

- Immediately move to higher ground
- DO NOT** wait for an official warning
DO NOT go to the beach to watch - tsunamis move faster than you can run

More Information



HOW DO I GET ACCURATE INFORMATION?

- Do** An emergency plan with your family, friends and/or neighbours
- Think** About hazards where you live, work, play and how to travel to closest safe areas
- Gather** Emergency supplies (NOW! before there is an emergency)
- Educate** Yourself on emergency preparedness, first aid and outdoor survival skills

During an emergency, accurate information may be obtained from the following:

- Local radio - CIMMFM 99.5 Ucluelet and CHMZFM 90.1 Tofino
- Channel 16 on Marine VHF
- <http://wcatwc.arh.noaa.gov> - National Tsunami Warning Centre (NTWC)
- www.embc.gov.bc.ca - Emergency Management British Columbia
- www.tsunami.noaa.gov and www.tsunami.gov - National Oceanic Atmospheric Administration

Further information at:

- www.publicsafety.gc.ca - Public Safety Canada
- www.getprepared.gc.ca - Government of Canada
- www.hc-sc.gc.ca - Health Canada

To receive earthquake, tsunami, and other weather alert emails and SMS services:

- <https://lists.unesco.org/wvs/subscribe/tsunami-information-ioc-> - NTWC Earthquake and Tsunami Statements
- <https://sslearnquake.usgs.gov/ens/> - US Geological Survey (USGS) Earthquake Notifications
- <http://www.weather.gov/subscribe> - National Weather Service
- <http://www.emergencyinfobc.gov.bc.ca> - EMBC

If you feel an earthquake, please share your experiences:

- <http://www.earthquakescanada.nrcan.gc.ca> - Natural Resources Canada -
- <http://earthquake.usgs.gov/earthquakes/eventpage/usb000px6r#dyfi> - USGS

TSUNAMI WATCH, ADVISORY or WARNING?

Tsunami Notification	Meaning	How does local government respond?	What should I do? How will I know?
WATCH Wait for more information	Watches are issued when early seismic information indicates that an area <u>could</u> be impacted <u>if</u> a tsunami has been generated	Monitoring the situation and waiting for further information	<i>How will I know</i> - Personal investigation through news and internet <i>What to do</i> – stay calm & wait for more information
ADVISORY Stay above high tide line	“The second highest level of tsunami alert. Advisories are issued due to the threat of a tsunami that has the potential to produce strong currents dangerous to those in or near the water (EMBC website)”	Course of action may include one or all of the following: <ul style="list-style-type: none"> • Closure of public waterfront • Notification of the lowest lying properties • Community safety announcements & signage 	<i>How will I know</i> - Personal investigation through news and internet <i>How will I know</i> - Lowest lying properties, depending on the tsunami activity predicted, may receive notification from municipal officials – e.g. fire department, RCMP, public works and signage at affected areas <i>What to do</i> – stay calm & stay above high tide line
WARNING Move to higher ground and stay there	“This is the highest and most serious level of tsunami notification. Warnings are issued when there is imminent threat of a tsunami or confirmation of a tsunami wave (EMBC website)”	Full activation of the Emergency Operations Centre (EOC) and implementation of the emergency evacuation plan	<i>How will I know</i> – For a large local earthquake, the earthquake will be your notice <i>How will I know</i> - For off shore generated tsunami warnings, notification may include the following, door to door notification, loud hailers/vehicle-siren, local radio and marine VHF <i>What to do</i> – stay calm & move to higher ground and remain there

MORE INFORMATION & HOW DO I VOLUNTEER?

For more information or to volunteer, please contact Ucluelet’s Manager of Emergency Services emergency@ucluelet.ca or 726-7744