

Tsunami Safe Areas:

If you are on a beach, a low-lying coastal area (including all of the Civic Center area), or Pacific Coast Highway, make your way AT ONCE to higher ground (at least 90' above Sea Level). Tune to local media for further information, and DO NOT RETURN TO COASTAL AREAS until the all clear signal has been given by public safety personnel. **Local Evacuation Safe Areas include, but are not limited to:**

- Malibu Bluffs Park
- Hughes Research Labs parking lot
- Malibu Creek State Park
- Salvation Army camps (behind Tapia Park)

TUNE TO LOCAL RADIO STATIONS FOR INFORMATION ABOUT OTHER EVACUATION SAFE AREAS.

Evacuation Routes: These routes provide access to communities away from coastal areas where shelter and support can be found.

- Topanga Canyon Blvd.
- Malibu Canyon Road
- Kanan Road
- Encinal Canyon Road
- Mulholland Highway

Local Radio News Stations:

- KFWB 980 AM
- KNX 1070 AM
- City of Malibu 1620 AM

EMERGENCY SUPPLIES "GO-KIT"

Prepare and pack Personal Protection Equipment such as:

- Sturdy shoes or boots
- Dust mask
- Safety Goggles
- Thick work gloves
- Small First Aid kit
- Sun protection
- Head protection (Safety Helmet)

Other Emergency Supplies you'll need:

- Water
- Spare glasses
- Spare medications
- Warm clothing
- Emergency water and food
- Soap and sanitary supplies
- Multi-tool, knife
- Flashlights with spare bulb and batteries
- Self-powered radio
- Emergency cash
- Emergency telephone numbers and personal information
- Pet supplies including food & water



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City of Malibu



Malibu Tsunami Information

What you need to
know about
Tsunamis in the
Malibu area

What Is A Tsunami?



A tsunami is a series of sea waves most commonly caused by an earthquake beneath the sea floor or an underwater landslide. As the waves enter shallow water, they may rise rapidly and inundate coastal areas with the potential of endangering lives and creating significant property damage. The first wave is often not the largest, and waves may continue arriving for a number of hours.

The time it takes for the waves to reach their destinations depends on where the earthquake occurs.

A far field or “Distant” tsunami is one that may be generated by a very large earthquake in remote areas of the Pacific Ocean. Since distant tsunamis such as this may take several hours to reach the Southern California coast following the event, they allow time for warnings to be issued to give coastal residents time to evacuate.

A near field or “Local” tsunami is one that can hit the coast within minutes following an offshore geological event. Residents of coastal communities probably will feel such an earthquake. This type of locally generated tsunami is possible at many points along the Southern California coast and provides little time for warning the population and less time for evacuation.

IF YOU ARE NEAR THE COASTLINE, AN EARTHQUAKE MAY BE YOUR ONLY WARNING OF AN APPROACHING TSUNAMI, SO IT IS VERY IMPORTANT TO ACT QUICKLY.

How Can I Prepare For A Tsunami?

If you feel an earthquake, **duck, cover and hold** until the shaking stops. Count how long the shaking lasts. If severe shaking lasts 20 seconds or more, a tsunami might follow.

If you are at the beach and you notice the water has pulled back or run out, creating a vast expanse of exposed beach, this is a warning that a tsunami may be imminent.

NEVER GO TO THE BEACH TO WATCH FOR, OR TO SURF, A TSUNAMI WAVE!

Stay away from coastal or low-lying areas. Waves might continue for several hours and travel several times faster than you can walk, run or drive.

When you are that close, you will probably not escape the waves. Remember that a tsunami is a series of waves. Often the first wave may be the least dangerous. The waves may get progressively worse.

Use common sense. Do not endanger yourself by trying to surf a tsunami. Because they are not like regular waves, they are impossible to surf. They are much faster, higher and can come onshore filled with debris.

Follow any evacuation notices.

Listen to the radio or watch television for emergency information and instructions about re-entry from local officials.

How Will I Be Warned?

In the event of a Tsunami Evacuation, residents will be notified by a number of sources. Normal television and radio broadcasts will be interrupted by special warning messages. Residents in affected areas will receive recorded announcements by telephone. There may be helicopters flying along the coastline giving the alert by loudspeaker. Lifeguards will be responsible for warning people on the beaches. The City’s website (www.ci.malibu.ca.us), cable television channel (TV-3) and radio station (1620 AM) will provide information and instructions.

TSUNAMI WATCH: This means that a significant distant earthquake has occurred. Tsunami approach is not confirmed but is possible. Stay tuned to local radio and TV stations for information. Prepare for a possible Tsunami Warning.

TSUNAMI WARNING: This means that a tsunami approach has been confirmed. Stay tuned to local radio and TV stations for information and be prepared to evacuate if advised to do so by local authorities.

TSUNAMI EVACUATION: Those within the evacuation advisory area should immediately make their way to higher ground. Tsunami “Safe Areas” may be indicated by signs placed along roads at elevations of 90’ or more above sea level. Stay tuned to local radio and TV stations for information about local Evacuation Centers.