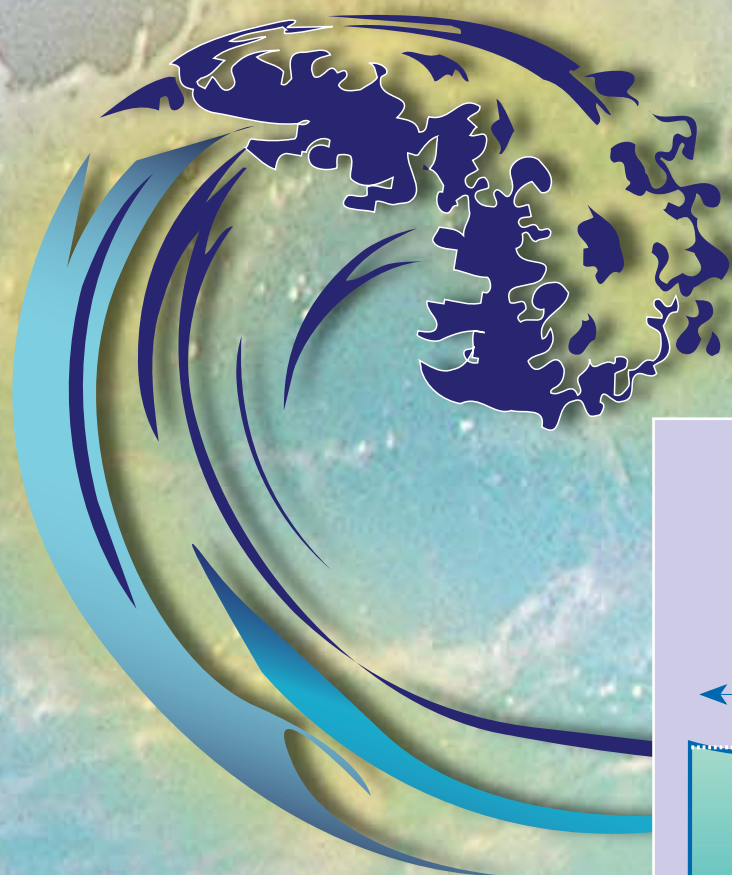
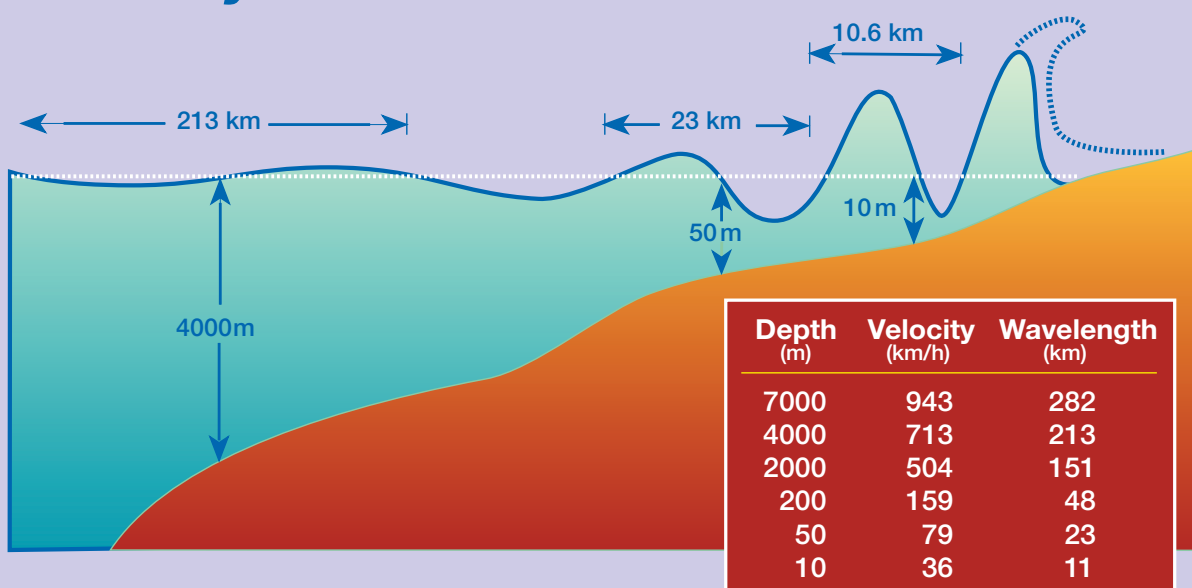


Tsunamis on the move...



Tsunamis slow down but grow in size as they come ashore.

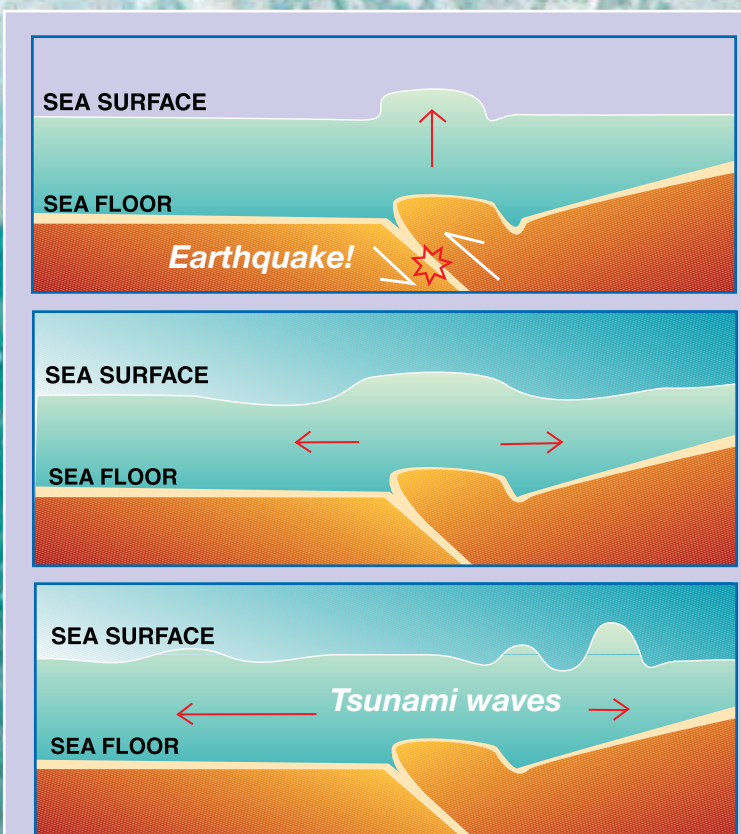


Tsunamis ...

- Are a series of long-wavelength, long-period ocean waves. They are not surfing waves.
- Come ashore for hours. The first wave may not be the largest.
- Are caused primarily by earthquakes occurring below or near the seafloor.
- Are less frequently caused by underwater volcanic eruptions, landslides, slumps, and meteorites.

Tsunamis ...

- Travel at jet airliner speeds in the deep ocean, but the waves are only centimeters high and cannot be felt aboard ships.
- Slow down and grow in height tremendously upon entering shallow water.
- Can crest to 10-m high heights, strike with devastating force, and quickly flood all low-lying coastal areas.
- Threaten life and property.



Large earthquakes beneath the seafloor can generate tsunamis



Knowledge is Safety: Tsunami Warning Signs...

- An earthquake is one of nature's tsunami warning signs. If you're at the beach and the ground shakes so hard you can't stand up, a tsunami may have been generated.
- Tsunami may be preceded by a rapid fall in sea level as the ocean retreats exposing fish and rocks on the sea bottom.
- A roar like an oncoming train may be heard as a tsunami rushes toward the shore.

What you should do...

- After an earthquake, move quickly inland and to higher ground.
- Tsunami from a local earthquake can strike in minutes, and before a tsunami warning is announced.
- Tsunami from distant locations can take up to 24 hours to cross an ocean basin. Tsunami warnings will be announced advising coastal evacuation to safe shelters.
- Learn to recognize nature's warnings. Heed official tsunami warnings.
- Stay away from rivers and streams. If you see a tsunami, you may not be able to outrun it. Look for a sturdy, multi-storied, reinforced concrete building and climb to its highest floor or the roof. If there is no time, climb up and cling to a strong tree.
- If you're swept up by a tsunami, look for something to help you stay afloat, and to protect you from dangerous floating debris like houses, cars, and trees.

