

Living on SHAKY GROUND

HOW TO SURVIVE EARTHQUAKES AND TSUNAMIS IN NORTHERN CALIFORNIA

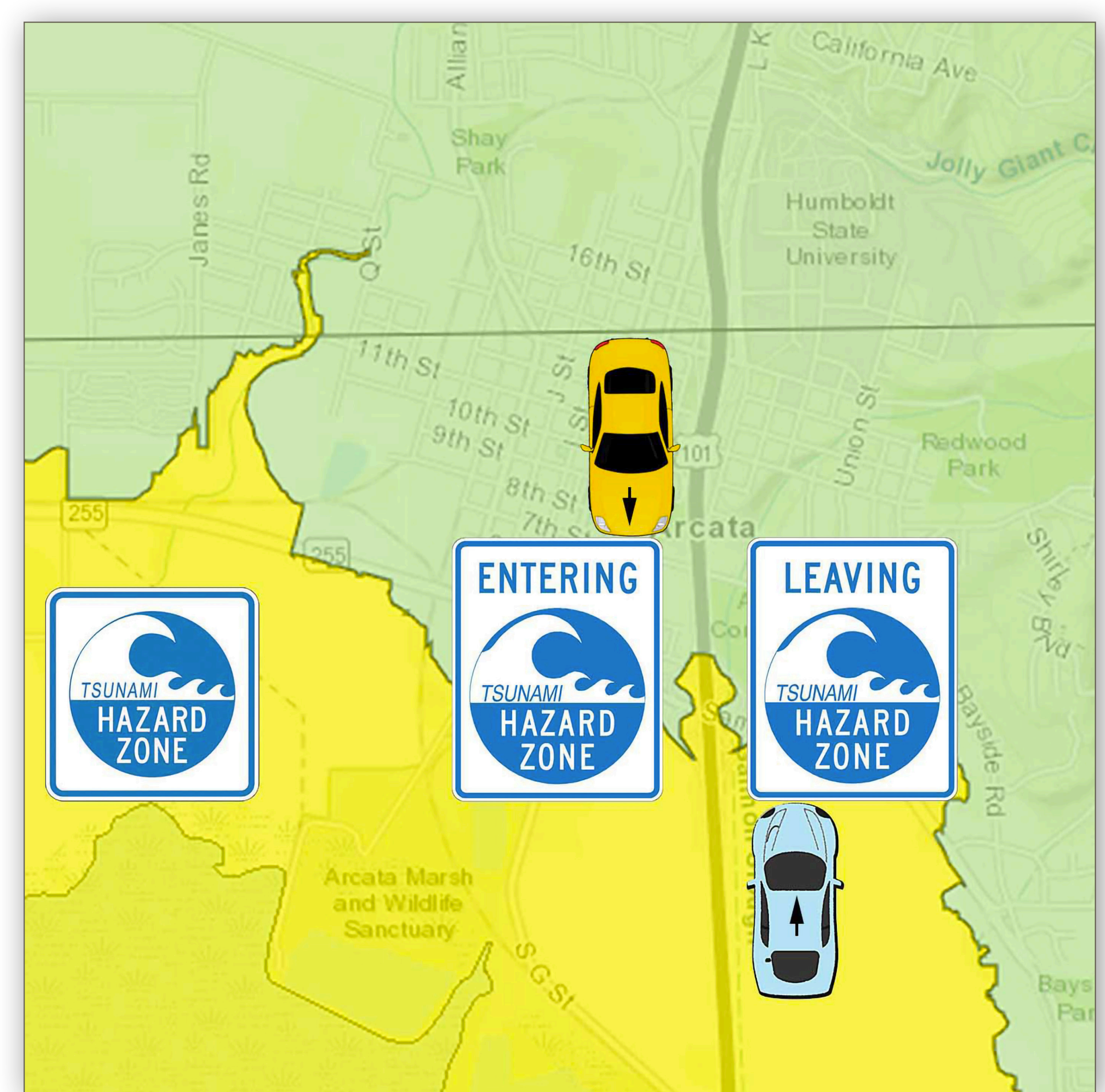
Know Your Zone

Tsunami safety begins with knowing where a tsunami might hit. This is the tsunami zone and if you are in the zone, you need to evacuate when you feel a large earthquake.

Tsunami mapping identifies areas that could be flooded by a tsunami. The California Geological Survey (CGS) is responsible for creating our tsunami maps. CGS identifies all possible tsunami sources and models the flooding extent. The models are combined to identify a WORST-CASE line. For Humboldt and Del Norte Counties, **the largest tsunami is caused by an earthquake on the Cascadia subduction zone**. CGS then adds an additional factor of safety to the worst-case line, which is the zone you see on maps. A new set of maps for Humboldt County was released in August 2020.

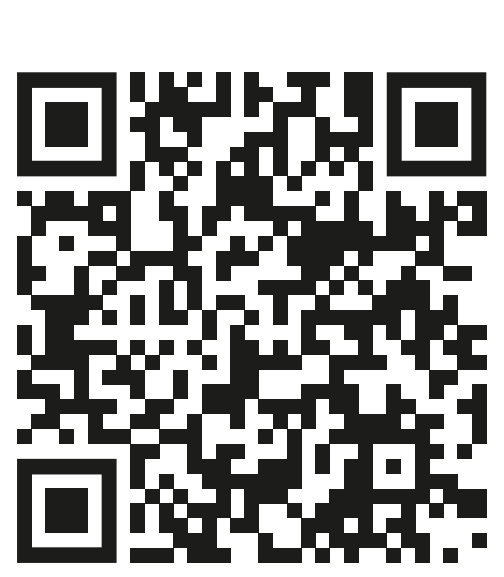


Tsunami zones for the Humboldt Bay area. Green zones are safe areas. Yellow zones are areas that might be flooded in a worst-case tsunami.



Tsunami zone signs are placed near the boundary between the green (safe) and yellow (hazard) zones. ENTERING signs are on roads as you enter into the tsunami zone and LEAVING signs are near the exit. HAZARD ZONE signs are placed within the zone as a reminder.

HOW TO USE THESE MAPS



Find where you live or work on the maps or use the State's interactive map at tsunami.ca.gov. If you are in the YELLOW area, plan a safe evacuation route to the nearest green area.

IF A TSUNAMI COMES FROM NEARBY:

The greatest tsunami threat is from an earthquake on the Cascadia subduction zone near our coast. **Your warning is ground shaking that could last a minute or longer.** As soon as the shaking lessens so that you can safely move, evacuate to a safe area. The first surges could arrive in as little as ten minutes after shaking begins. Go on foot as the earthquake will damage roads and make driving unsafe.

IF A TSUNAMI COMES FROM FAR AWAY:

You will be notified by county authorities if you need to evacuate. Follow their instructions. You will likely have an hour or more to reach a safe area.

