

Tsunami Hazard Worksheet/Cal EMA

Instructions for online information on California Tsunami Hazard Areas

Log onto <http://myhazards.calema.ca.gov/>

Welcome to the California Emergency Management Agency “My Hazards” website! This website can be used to find out what natural hazards exist in your area and information on how to minimize their impact.



For tsunami information, click on the tan-colored “*Tsunami*” tab. Read the section on “*Tsunami Hazards*.”

1. What is the most common cause of tsunamis?

2. What areas in California would be most affected by a tsunami?

Choose a city or beach that you would like to investigate. The area you choose should be somewhere along the coast of California. At the top of the page, in the box located just above the tan-colored tabs, type in the name of the area you are investigating (*for example: Seal Beach*).

Click “*Map Search*”

3. Record the name of your area here: _____

The website will bring up four types of hazard information for the area you have chosen. You will be on the earthquake hazard page.

Click on the “*Tsunami*” tab to get to the tsunami information page for your area.

Depending on the area you are investigating, you will get a message that that states whether or not your area is in a tsunami hazard zone:

- 1) If you see the message “*You are outside a tsunami hazard zone,*” it indicates that you have chosen an area that is not within the hazard zone. (For this assignment, try using the red “bulls eye” above the map to click on an area closer to the shoreline.)
- 2) If the message is “*Your location is in or near a tsunami hazard area,*” look at the map that is displayed on the right side of the page. Using the map tools at the top of the map you can zoom in, zoom out, and move across the map display. The center of your area will be displayed as a red target dot. Zoom in as close as you can to your target...

4. Look at the information just below the map

1) What does the blue line represent: _____

2) What color is used to show the Tsunami Hazard Zone: _____

Read the section *“Tsunami Hazard – YOUR LOCATION IS IN OR NEAR A TSUNAMI HAZARD AREA.”*

5. List three tsunami warning signs:

1) _____

2) _____

3) _____

Read the next section, *“Tsunami Checklist - WHAT SHOULD I DO?”*

6. From the list, pick three things that you think would be helpful if you lived in a tsunami hazard area:

1) _____

2) _____

3) _____

7. If you are planning a vacation to, or near the coastline of California, what is something that you can do in advance to be aware of the potential for tsunamis?

The next time you visit the California coast,
look for these blue and white signs

