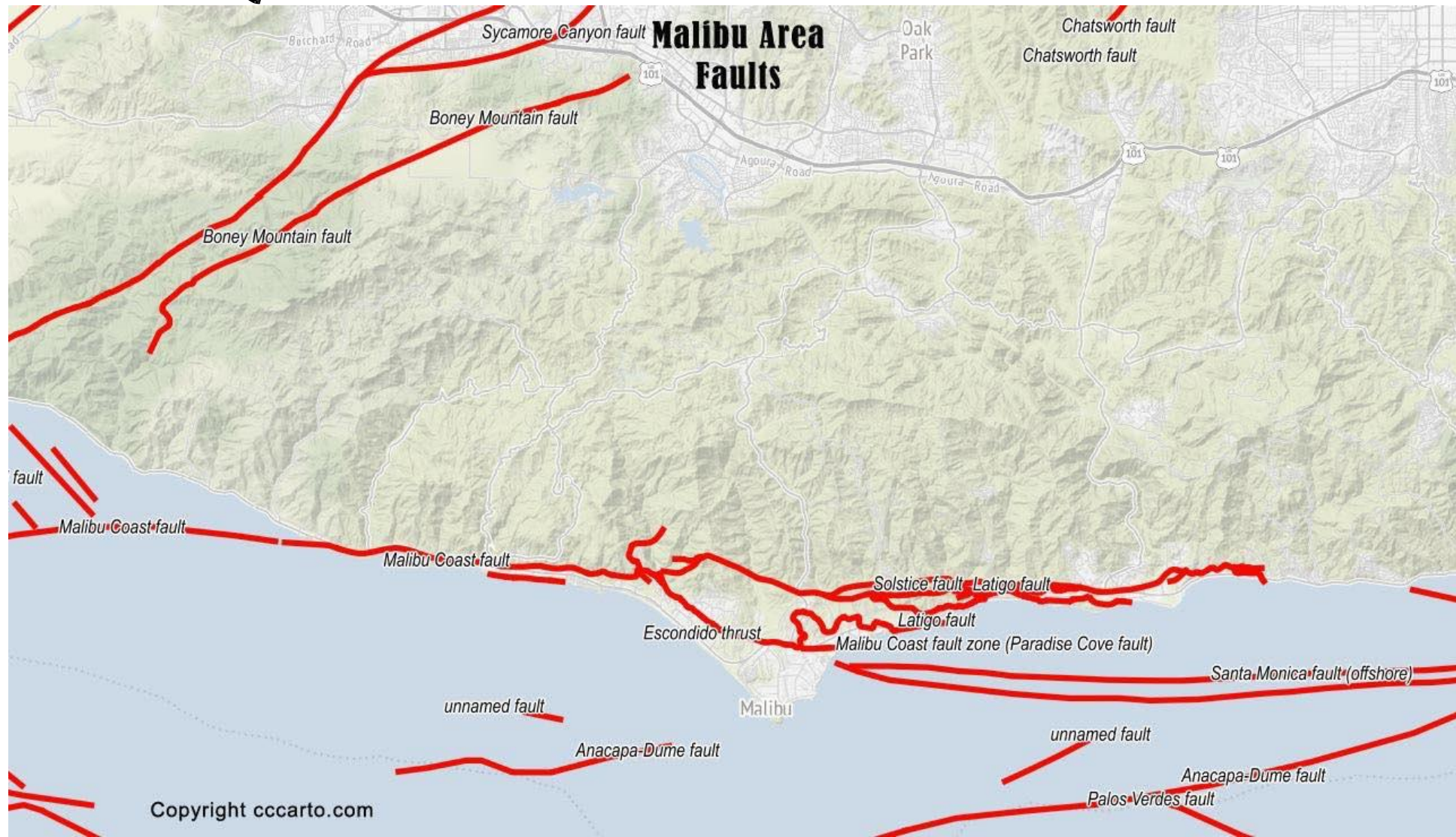


EARTHQUAKE PREPAREDNESS & HOME HAZARDS

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EARTHQUAKES AND MALIBU



EARTHQUAKE AND MALIBU

- Numerous local earthquake faults
- Steep terrain prone to land and rockslides
- Easily isolated due to roads being impassable
- Limited local resources
- The Malibu Coast fault system is active capable of producing a magnitude 6.5 to 7 earthquake
- More significant to the Malibu area than the local effect of a large quake on the San Andreas fault





KNOW

Have a disaster plan and make sure all members of the family know it.

CREATE

Create or refresh you go bags and your stay kit. Make sure the items aren't expired.

MITIGATE

Go through your home and mitigate any hazard that may exist.

GET NOTIFICATIONS

- City of Malibu
 - www.MalibuCity.org/DisasterNotification
- County of Los Angeles
 - www.Alert.LACounty.gov
- If you live, go to school, or work outside of the City and County of LA consider signing up for the local (City and County) notifications in those areas as well.



KNOW YOUR DISASTER PLAN

- Talk to family, friends, co-workers and neighbors about getting prepared
- Know the disaster plans of schools and adult care facilities
- Know your family reunification sites
- Have an out of area contact
- Identify safe spots in each room to take cover, if needed
 - Under sturdy tables and desks
 - Against interior walls
- Have important phone numbers printed and ready to go in case your phone dies.



CREATE A STAY KIT

- Personalize your stay kit to you and your family's needs
- 2-3 weeks worth of food
 - Self stable, that you like to eat
- 2-3 weeks worth of water
 - 1 gallon per person per day
- Comfortable clothes and closed toed shoes
- Flameless Light Source
- Radio
- First Aid Kit – personalized to your and your families needs
- A place to sleep if you home is damaged
 - American Red Cross Shelter?
 - Tent?
 - Rv?



WATER PURIFICATION

Requires a source for fresh water. Some systems and methods do not work with sea water.

- Water purification tablets
 - Can be purchased at most camping supply stores follow instructions on packaging
- Water purification pumps
 - Often used when backpacking follow manufactures instructions on use and filter replacement
 - Be familiar with it before use in a disaster
- Boiling fresh water
 - Bring water to a roiling boil
 - Leave at a boiling for 1 minute
 - Cool
- Buy from reputable dealers
- Do your research before buying a product
- Test and become familiar with how to use it



BLEACH TO PURIFY WATER

Table 3.3: Ratios for Purifying Water with Bleach

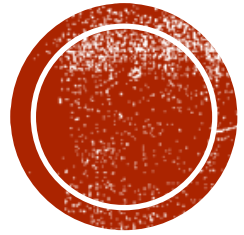
Water Quantity	Bleach Added
1 quart	4 drops
1 gallon	8 drops
4 gallons	1/3 teaspoon

*Note: If water is cloudy, double the recommended amount of bleach.

■ Unscented Bleach

- Add correct amount of bleach (table in next slide)
- Stir or shake the mix
- Let stand for 30 minutes





MITIGATION & HOME HAZARDS



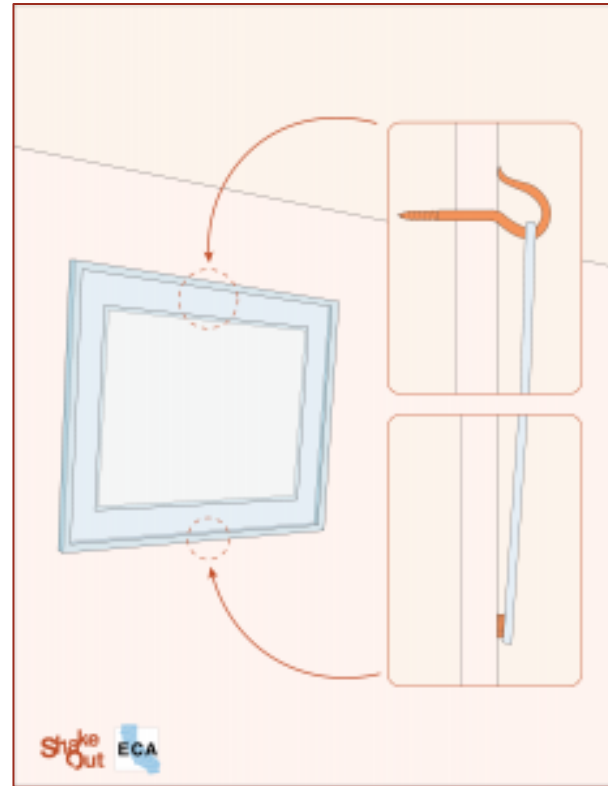
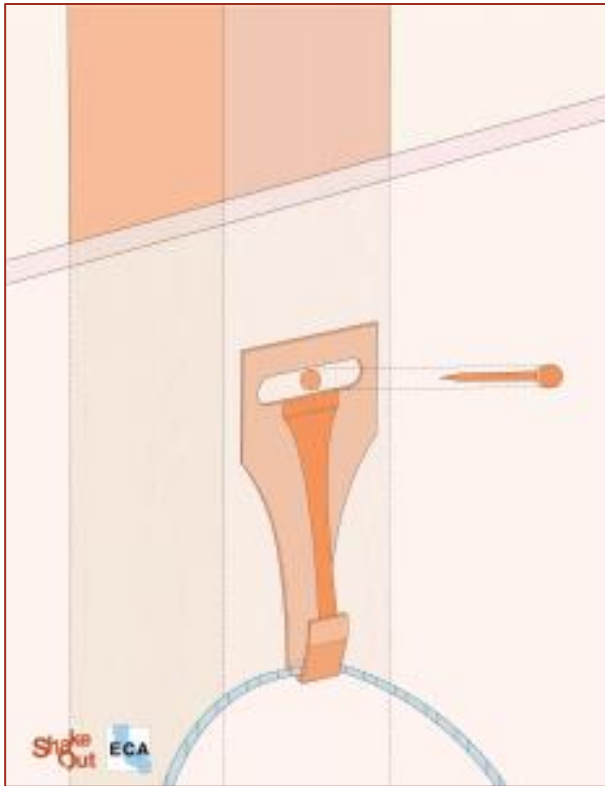


EARTHQUAKE BED SIDE KIT

- Flashlight
- Closed toed shoes
- Pants
- Work Gloves



SECURE DECORATIONS



- Secure heavy paints and decorations
- Move heavy or large items to lower shelves or the floor
- Add cross bars to bookshelves and open cabinets
- Hang paintings and mirrors on closed hooks
- Use museum wax or putty to secure things on shelves
- Install latches on cabinets



SECURE FURNITURE

- Secure bookcases and top-heavy furniture to the wall
- Move tall furniture away from doorways
- Secure TVs with straps or into studs
- Anchor ceiling lights, fans, and chandeliers



SECURE APPLIANCES



- Secure the water heater with metal straps to studs
- Use flexible connections where gas lines meet appliances (such as water heaters, ovens, and clothes dryers)
- Bolt house to foundation (older homes)
- Secure free-standing wood stoves or fireplace inserts



BEDROOM HAZARDS

- Secure or move any large painting or decorations that hang over the bed
- Move the bed away from windows.
- Secure or move mirrors, dressers and bookcases
- Are there any things that fall on you while you are asleep?
- Are there any items that could block you from getting out through a door or window?



DURING AN EARTHQUAKE

**IF
POSSIBLE**



**USING
CANE**



DURING AN EARTHQUAKE

USING WALKER



USING WHEELCHAIR





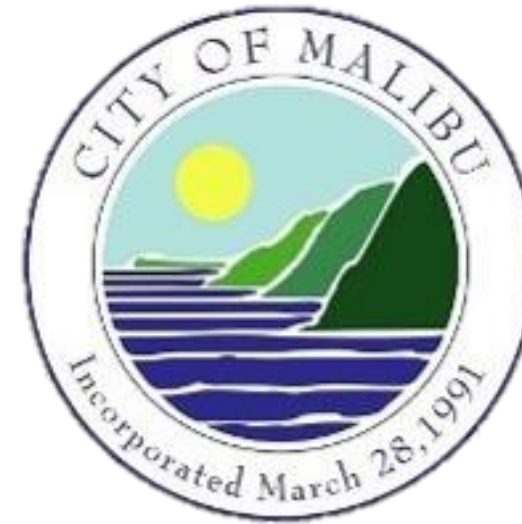
AFTER AN EARTHQUAKE

- Assess for hazards.
- Be prepared for potential aftershocks.
- Prepare for potential landslides, and/or a tsunami.
- Check those around you and help were applicable.
- Text your out of area contact your status and location.
- Put out small spot fires.
- Follow your work's, school, or family disaster plan.



RESOURCES

- www.malibucity.com/preparedness
- <https://ready.lacounty.gov/>
- www.ready.gov
- www.redcross.org/get-help.html
- <https://fire.lacounty.gov/emergency-disaster-preparedness-safety-tips/>
- <https://www.caloes.ca.gov/>
- <https://www.earthquakecountry.org/>
- “The Big One” Podcast



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