

Emergency Preparedness

Presented by the Seattle Office of
Emergency Management



Important Links

- www.Seattle.gov/emergency
- OEM@Seattle.gov
- Carl.Leon@Seattle.gov





Seattle is vulnerable to many disasters...

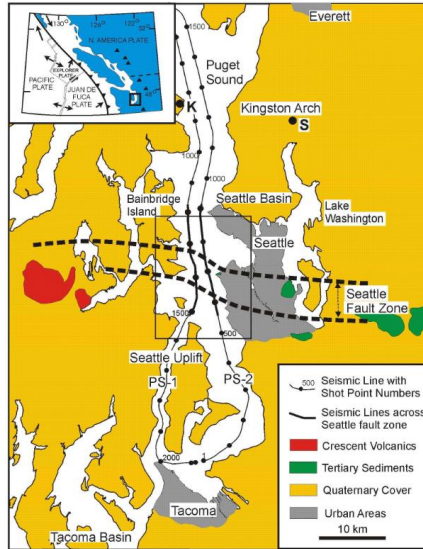
Seattle's top hazards...

1. Earthquakes
2. Snow and Ice
3. Windstorms
4. Power Outages
5. Cyber Attacks
6. Landslides
7. Disease Outbreaks
8. Flooding
9. Excessive Heat
10. Tsunamis/Seiches
11. Infrastructure and Structural Failures
12. Fires
13. Transportation Incidents
14. Water Shortages
15. Social Unrest
16. Attacks
17. Hazmat Incidents
18. Volcanic Hazards

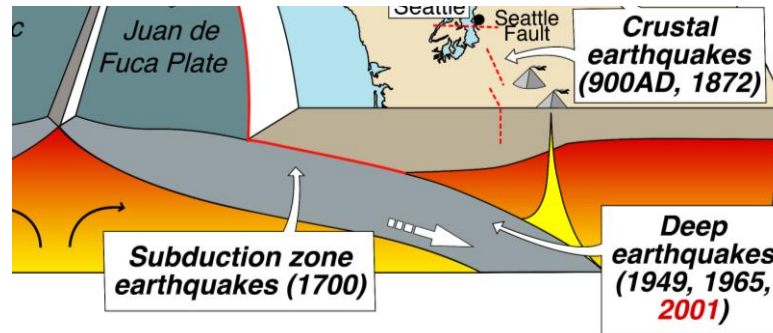


Earthquakes in Seattle

The Seattle area experiences three earthquake types with three very different consequences.



Crustal or Shallow Quakes



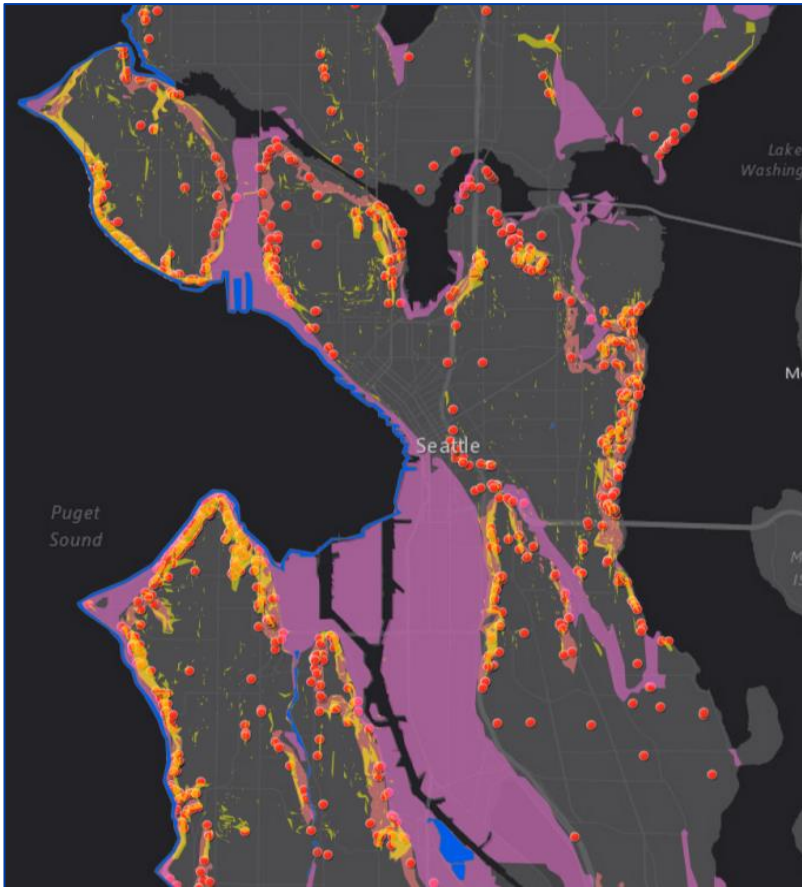
Intraplate or Deep Quakes



Subduction Zone or Megathrust Quakes

Seattle Hazard Explorer & King County Ready Tool

www.seattle.gov/hazardexplorer



www.hazardready.org/seattle



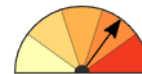
WHAT TO EXPECT AT THIS LOCATION

In Your Lifetime



There is a **HIGH CHANCE** (84%) of a magnitude 6.5+ deep earthquake hitting in the next 50 years. It will feel similar to the M6.8 Nisqually Earthquake in 2001. **Strong shaking will make it hard to walk here. Books, glassware, and items will fall from shelves. Cabinet doors and drawers will open.** Some chimneys and poorly built buildings will be damaged. ([map](#))

Cascadia Quake



There is a **MODERATE CHANCE** (10-30%) of a magnitude 8+ Cascadia earthquake hitting the Northwest in the next 50 years. **When it does, you will feel very strong shaking that persists for minutes here. Standing will be difficult and many will be injured. Bricks and shattered glass will litter the streets.** Power and water will be off for days to weeks. ([map](#))

What's The Worst?



A **LOW CHANCE** (5%) exists of a magnitude 7+ earthquake on the Seattle Fault in the next 50 years, but if it does it will be damaging. **Severe shaking will make it hard to stand or drive. Heavy furniture will be overturned. Parts of URM buildings will collapse and wood frame houses will shift on foundations.** ([map](#))



Know the reality

The services you rely on will be significantly disrupted.



People may not be able to get places easily (roads, bridges damaged, transit will stop)



Stores may quickly run out of supplies or normal places of business may close



Utilities may be damaged (electricity, water, sewer)



Gas stations and ATM machines may not work (cash only society)



Hospitals may be overwhelmed

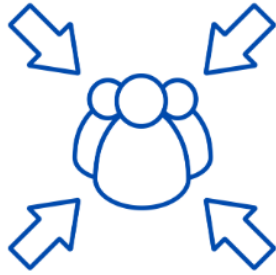


Phones, cable TV, and internet may not work, or you may need to rely on new methods of communication to stay connected with friends and family



First responders may not be able to help you for some time

Make a plan



Meeting Place

Determine a meeting place for if you and your household need to evacuate your home or if you are separated at the time of the disaster.



Utility Disruptions

Plan for possible utility service disruptions. Have plans in place for if you lose power, access to water, or access to communications. If you or someone in your household relies on any of these things for life-sustaining care, now is the time to create a plan with doctors and caregivers.



Planning in Advance

Know emergency plans at your children's school, your place of work, and in your neighborhood. Plan if you can't occupy your home.

Know your neighborhood's plan



Seattle Neighborhoods Actively Prepare

Learn more about joining or forming a local SNAP group by visiting www.seattle.gov/snap.



Seattle Emergency Hubs

Seattle Emergency Hubs

Find your nearest Community Emergency Hub as a resource for information following a disaster. You can find yours by visitin the Neighborlink Map here: <https://bit.ly/2ZD2f2j>

Communications plan



Texting

Texting is your best option of communication after a disaster. Establish text message groups of important contacts beforehand to make it easier to contact multiple people at one time. Preserve phone battery.



Traditional Emergency Contact Lists

Keep written lists of important emergency contacts. Consider an out-of-area contact for your household in case phone services are overwhelmed in your area. Remember not to make calls unless necessary if phone lines are overwhelmed.



Social Media and Video Calling

In certain emergencies, social media and video calling can be a lifeline between you and those you care about most. Look for free and easy-to-use video chatting services such as FaceTime, Facebook Messenger Video, WeChat, and WhatsApp.



Sign-up for AlertSeattle



When emergencies happen, be the first to know. Stay informed with **AlertSeattle** to receive real-time, official notifications from the City of Seattle. This is a free service.

alert.seattle.gov

Receive alerts via:



Text



Phone



Email

Opt-in to alerts on:



Severe Weather



Public Safety



Public Health

...and more!



Home hazard mitigation and retrofitting

Secure the following:

1. Large furniture
2. Wall hangings
3. Kitchen cabinets & contents
4. Water heater
5. Washer/Dryer
6. Stoves
7. Hazardous Materials

Go on a 30 minute home hazard hunt.

Attend a free home retrofit class.

Visit seattle.gov/emergency to register on our events calendar.

Retrofit your home

See a list of contractors on OEM's website.



Home hazard mitigation and retrofitting



Insurance and government assistance

- Do not rely on FEMA or other government assistance as your insurance plan
 - Usually no more than \$35,000 for a total loss
 - Small Business Administration (SBA) Loans vs. Individual Assistance Program (IAP)
- Homeowner's Insurance vs. Renter's Insurance
- Know what your insurance covers and what it does not
 - Earthquake – must be purchased separately
 - Flood – must be purchased separately through the NFIP
 - Rising water vs. Falling water



Life safety essentials



1. Water



2. Food



3. Staying
warm & dry



4. Safe Light
Source



5. Personal
sanitation
products

Build a kit



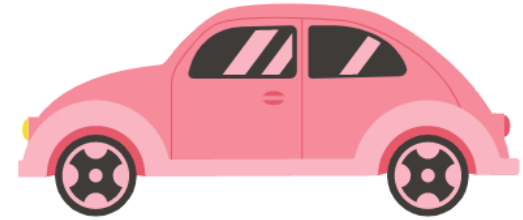
Be Prepared for at least two weeks

The recommendation is to be prepared to be on your own for at least two weeks or more. This may seem like a daunting task, but do not let that two-week marker stop you from starting. Get together what you can. You can find recommendations here: www.seattle.gov/beprepared



Think about what you use daily

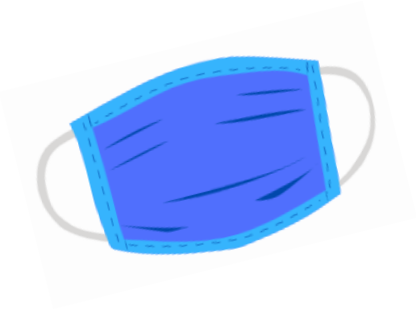
You may already own most of the items recommended for your preparedness kit. You do not necessarily have to go out and buy new or special things, just know where you keep them in the house.



Keep a kit in your car and at work

Keeping a small preparedness kit at your place of work and in your car (especially for winter weather) can help keep you safe in any situation.

COVID-19 guidance



Wear a face covering whenever in public or leaving your home. Face coverings are **mandatory in public statewide as of June 25, 2020.**



Continue practicing good hygiene habits, such as washing your hands for at least 20 seconds each time you leave and return home. If you are out and do not have access to handwashing, use hand sanitizer.



Stay home if you have any underlying medical conditions that may make you more susceptible to complications from COVID-19.



Gather with no more than 5 people for recreational activities outside of your household per week.

Helping your neighbors during COVID-19

Hello Neighbor  **Seattle**

Leave this card at your neighbor's door to offer assistance

My name is _____

My address is _____

My phone number is _____

I can help:

☐ Pick up groceries ☐ Urgent errands/supplies

☐ Regular check-in call ☐ Other _____

This document is available in multiple languages at [Seattle.gov/emergency](https://seattle.gov/emergency)

For info on available resources go to:
Seattle.gov/COVID-19
or call **City of Seattle Customer Service:** (206) 684-2489
open Monday thru Friday, 8:30AM - 5:00PM

SAFELY HELPING YOUR NEIGHBORS

- Wash your hands frequently.
- Always wear a face covering.



Minimize physical contact:

Leave items on the doorstep.

Use money transfer apps instead of cash.

Communicate via phone/text, email, and/or social media.

If you must interact in-person, keep a distance of six feet or more.

Adapted with permission from King County, WA

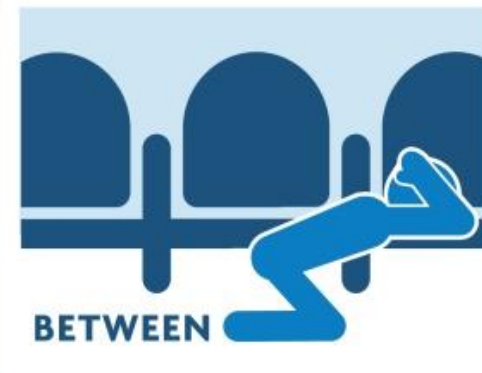
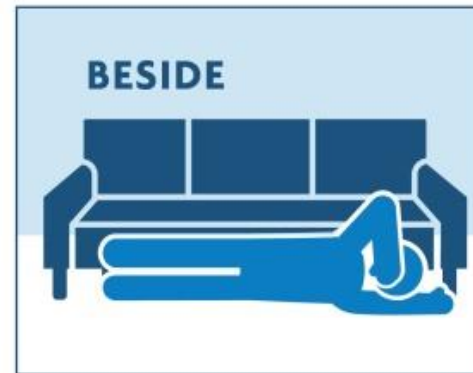


Use our [Hello Neighbor](#) card to offer assistance to neighbors. While COVID-19 is still present in our community, it is important for those most vulnerable to stay at home. Offer to go grocery shopping or run other errands for those remaining at home, or simply offer to check-in with a regular phone call. A little bit goes a long way!

Download the card [here](#). Other languages are available at the link above.



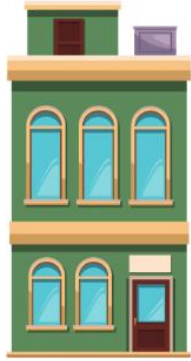
What to do during an earthquake



After the earthquake



**Check yourself
and those in your
household**



**Check your home,
unit, or building
and personal
property for
damage**



**Dress for safety
and go to your
meeting place**



**Find out more
information**

Know how and when to control utilities



Shut off natural gas **ONLY** if necessary

Only shut it off if you smell natural gas, hear a hissing sound, or the dial is spinning rapidly.

Watch a video on how to shut off natural gas here: <https://bit.ly/3eueuST>



Shut off water at the main house valve

- Typically located right outside your house or inside.
- This saves the water in your hot water heater and toilet from possible contamination.
- Turn off power to the water heater- attach a hose.

Watch a video on how to shut off water at the main house valve here: <https://bit.ly/2B18nYG>



Check to see if your home has sustained structural damage

Rope off damaged areas so others know there is a potential hazard.

Find out more information



Get AlertSeattle messages by *signing up online at* ***alert.seattle.gov.***



Follow City departments on social media.

@oemseattle
@alertseattle
@cityofseattle



Tune into local television, if available.

Use emergency radio stations to stay up-to-date on information:

AM 710
AM 1000
FM 97.3
FM 90.7



Seattle Emergency Hubs

Find your nearest Community Emergency Hub as a resource for information following a disaster. You can find yours by visiting the Neighborlink Map here:
<https://bit.ly/2ZD2f2j>



Disaster skills training



[Learn how to use a fire extinguisher](#)



[Learn how to shut off gas when necessary](#)



[Learn how to shut off water at the main valve](#)



[Learn how to construct an emergency toilet](#)



[Learn about Stop the Bleed](#)



[Learn Light Search & Rescue skills](#)



Sign up for our webinars and classes at
www.seattle.gov/emergency.

Skills Training Links

- How to use fire extinguisher (1:55)
• <https://www.youtube.com/watch?v=NvbuYuAJGAs>
- How to shut off gas (1:43)
• <https://www.youtube.com/watch?v=loDeN-YPP4E>
- How to shut off water (2:17)
• https://www.youtube.com/watch?v=UJN_OylzFrU
- How to construct emergency toilet (2:05)
• <https://www.youtube.com/watch?v=DsuEthYvHaE>
- Stop the Bleed
• <https://www.stopthebleed.org/resources-poster-booklet>
- Light SAR (5:00)
• <https://www.youtube.com/watch?v=BIKzUElKwRM>



Volunteer with OEM

Are you interested in becoming a volunteer with the Seattle Office of Emergency Management?

Contact Carrie Brazil at Carrie.Brazil@seattle.gov or send us an email at oem@seattle.gov.

Or, to find out more information, and to fill out an application, visit our website at www.seattle.gov/emergency.



Questions?

Thank you for attending- you'll be happy you prepared ahead of time when the next disaster strikes!

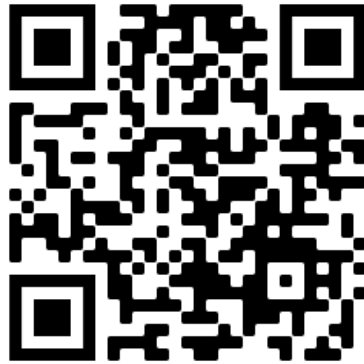


Seattle
Office of Emergency
Management



Give us feedback!

<https://www.surveymonkey.com/r/oempreserve>



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