



防災資訊 (地震)

Earthquake Information





Taiwan's Seismic Intensity Scale



Intensity scale		Range of Ground Acceleration	Effects on People	Effects Indoors	Effects Outdoors
0	Micro	Below 0.8	Not felt.		
1	Very minor	0.8 ~ 2.5	Felt only by a few people at rest, vibrates slightly.		
2	Minor	2.5 ~ 8.0	Felt by the majority of people, some awakened from sleeping.	Hanging lamps and objects vibrate slightly.	Standing vehicles vibrate slightly, similar to being passed by a passing truck, but only lasts for a short time.
3	Light	8 ~ 25	Felt by nearly everyone, a few frightened.	Buildings shake, dishes, bowls, windows and doors shake making sounds; hanging objects shake visibly.	Standing vehicles vibrate obviously; electric wires sway gently.
4	Moderate	25 ~ 80	Many are quite frightened, looking for safe shelter. Most people are awakened from sleep.	Buildings rock noticeably; unstable objects topple over; heavy furniture moves; may cause slight damage.	Felt by drivers; electric wires sway obviously; felt by people walking.
5	Strong	80 ~ 250	Most people are considerably frightened.	Walls crack; heavy furniture may overturn.	Noticeably felt by drivers; some chimneys and large archways topple over.
6	Very Strong	250 ~ 400	People have trouble walking due to violent rocking.	Damage to some buildings; heavy furniture overturns; doors and windows bend.	Drivers have trouble steering; sand and clay blasts occur.
7	Great	400 and above	People move with difficulty due to severe rocking.	Severe damage to or collapse of some buildings; almost all furniture move or falls down.	Landslides and fault ruptures occur; railways bend and underground lines break.



Before an earthquake

- Prepare an **emergency kit** and fire extinguisher at home and inform your family members where they are located and how to use them.
- Learn how to turn on and shut off gas, water and electricity.
- Keep hanging objects firmly secured. Cabinet doors ought to be locked.
- Do not put heavy objects on high shelves. Secure heavy furnishings
- Know the safe spots in your residence.





Earthquake Emergency Kit



- Store a three-day supply of food, water, and other supplies in your earthquake emergency kit.





During an earthquake

In Home

- Keep calm and immediately shut off electricity, gas and water.
- Open the entrance door and grab any cushion at hand to protect the head. Quickly duck under a sturdy piece of furniture or table, or stand by the central wall of the building.
- Stay away from windows in case the glass is broken by the tremor.
- DO NOT rush outdoors in a panic.





During an earthquake



慈濟大學華語中心
Chinese Language Center
Tzu Chi University

In school

- Duck under a desk with your back to the window and protect your head with your backpack.
- Do not rush out of a classroom, and avoid going up or down the stairs in a panic.
- If you're in the playground, keep away from buildings.
- If you're in a moving school bus, remain seated and do not move until the bus fully stops.

In Offices and public places

- Protect yourself from falling objects from the ceiling.
- Duck under a desk or a sturdy piece of furniture, or stand by a wall support.
- Choose an exit carefully and avoid being pushed by the crowd.
- Do not try to rush out of a building. Do not use elevators.



After an earthquake

- Check if people near you are hurt and provide emergency aid.
- Check for water, electricity and gas leaks. Gently open the doors and windows upon finding gas leaks, immediately get away and inform related authorities.
- Check your building for damage and quickly leave a damaged building. During evacuation, take the stairs.
- Try to wear leather shoes and boots to avoid from being hurt by broken window glass or other sharp objects.
- Keep the streets clear for emergency vehicles and evacuate on foot.
- After a major earthquake, you should be careful of aftershocks.
- Do not enter disaster areas without permission.





Internet Resources

- **Central Weather Bureau:** <http://www.cwb.gov.tw/>
- **National Fire Agency, Ministry of the Interior:**
<http://www.nfa.gov.tw/>
- **Central Geological Survey, Ministry of Economic Affairs:**
<http://www.moeacgs.gov.tw/>
- **National Center for Research on Earthquake Engineering:**
<http://www.ncree.gov.tw/>
- **National Earthquake Information Center, U.S.:** <http://neic.usgs.gov/>

