

Disaster Control Manual



Being prepared!

Tottori Prefecture

I Earthquakes



- Earthquakes in Japan (p.2 ~ 5)
- Earthquake preparation (p.6 ~ 10)
- What to do in the event of an earthquake (p.11 ~ 16) .

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EARTHQUAKE-RIDDEN JAPAN

- Japan is prone to earthquakes.
- A hazardous earthquake can occur anytime, anywhere.
- Most communities are well equipped and prepared.



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Large Earthquakes Recorded

- **Tottori Prefecture:**
 - 1943 – Tottori Earthquake (intensity 6, magnitude 7.2)
 - 2000 – Western Tottori Earthquake (intensity 6, magnitude 7.3)



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What is an Earthquake?

- Trembling or shaking movement of the earth's surface.
- An earthquake close to the sea can cause *tsunami*.



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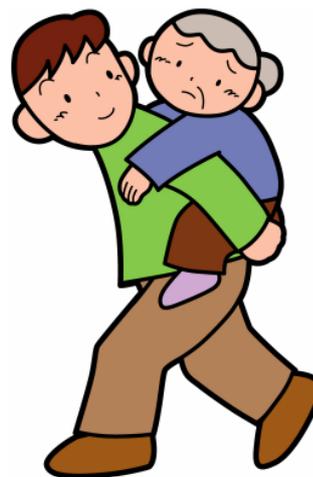
Japanese Seismic Intensity Scale



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Preparing for an Earthquake

- Be prepared everyday.
- In the event of a disaster, work in a team.
- Build good community relations so that it's easier to get help in times of trouble.



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Daily Preparation I

- Emergency Kit - pack what you need to take with you in the event of evacuation:
 - 3 days' worth of food and water.
 - Medication and clothing
 - Torch, etc.
- Have the kit placed within reach.



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Daily Preparation II

- Verify your evacuation site (nearest school, etc.).
- Verify your evacuation route.



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Daily Preparation III

- Prevent your furniture from falling by firmly fixating them.



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Daily Preparation IV

- Have a list of emergency numbers handy.

For example:

- Embassy and consulate no.s
- Fire & Ambulance - 119
 - For fires and serious injuries.
- Police - 110
 - For disaster, theft, and danger.
- Tottori Prefectural International Exchange Foundation
(for English and Chinese speakers) – (0857) 31-5951



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In the Event of an Earthquake

- Don't panic!
- Take cover under a desk or table.
- Protect your head with a cushion, etc.



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When the 1st Tremor Stops I

- Turn off kitchen appliances.
- Confirm your family's safety.
- Unplug all electrical appliances.



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When the 1st Tremor Stops II

- Prepare for evacuation.
- Wear comfortable clothing.
- Take your emergency kit (see “Daily Preparation I”).



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When the 1st Tremor Stops III

- Move to an evacuation shelter.
- Do not use a bicycle.
- Check whether your surroundings are safe.
- Avoid hazardous routes (narrow roads, walls, river banks, etc.).



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Coastal Areas

- A *tsunami* can occur anytime.
- A *tsunami* occurs straight after an earthquake.
- Move quickly to higher ground.
- A *tsunami* consists of a series of waves.
- Stay away from beaches and rivers for a period of time.

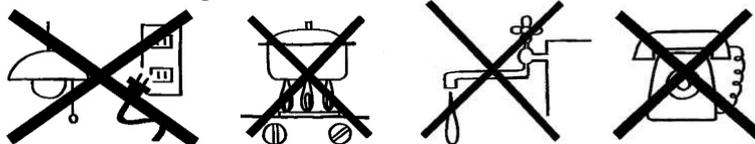


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In the Event of a Large Earthquake

- Electricity, gas, and water will be unusable.
- Telephone lines will also stop working.
- However, mobile phone emails can relatively function.

→ It is best to record a message through the Disaster Dial-A-Message Centre.



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II Floods, Typhoons, & Torrential Rain

- Wind & Flood Damage (p.18~20)
- Preparation (p.21~23)
- What to Do (p.24~27)



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Wind & Flood Damage

- The effects of global warming is being felt throughout the world.
- Concentrated heavy rainfall can occur in a short period of time.



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Climate Patterns of Japan

- **Monsoon (*tsuyu*)**
 - Long periods of rainfall occur in the months of June and July.
- **Typhoon**
 - Typhoon season falls in the months of September and October.



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In the Event of Heavy Rainfall

- Floods can occur in the event of heavy rainfall.
- Beware of water entering your house.
- Beware of landslides.



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Wind & Flood Preparation

- Check any potentially hazardous areas.
 - Do not go near riverbanks.
 - Avoid steep slopes and cliffs prone to landslides.



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When a Typhoon Approaches I

- Keep a close eye on the weather report.



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When a Typhoon Approaches II

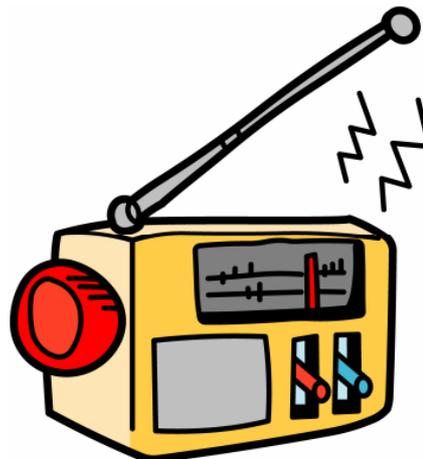
- Things to do before heavy rainfall and strong winds come:
 - Collect all loose items outside your home.
 - * *Pots, clothes, and all other flyable objects need to be removed.*
 - Clean out your gutters.



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In the Event of Heavy Rainfall & Strong Winds I

- Stay inside and avoid going anywhere.
- Avoid going anywhere near rivers or beaches.
- Listen to the news.



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In the Event of Heavy Rainfall & Strong Winds II

- If you are in danger, immediately escape to an evacuation shelter.
- It's important to decide and act quickly.



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In the Event of Heavy Rainfall & Strong Winds III

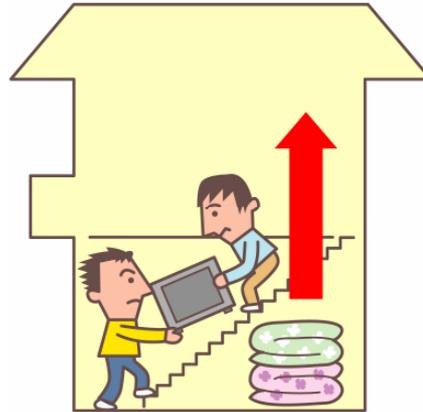
- You may be asked to evacuate.
- Follow all instructions.



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In the Event of Flood

- Floods can occur in a short period of time.
- Escape to the 3rd floor or on a higher level.
- Stay in a safe place until help arrives.



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