

Tsunami Kaga City Hazard Map



Version for long-time use

Created: March 2026

About the Kaga City Tsunami Hazard Map

This tsunami hazard map was created based on the tsunami disaster warning zones published by Ishikawa Prefecture.

Please review the hazard map regularly and consider concrete evacuation actions in advance so that you can protect your life in an emergency.

How to evacuate when an earthquake or tsunami occurs

An earthquake occurred!

Protect yourself from earthquakes
ShakeOut!

When a tsunami warning is issued (even if you do not feel vibration)

Are you near the coast or a river?

No

People within the evacuation advisory area
 People at risk from building collapse or fire
Evacuate to a **designated emergency evacuation site (first place of refuge)**

Yes

Evacuate to higher ground immediately!



Evacuation is by foot in principle!

Remain evacuated until tsunami warnings or advisories are lifted.

Do not return to your home.

After tsunami warnings etc. are lifted

Can you return to your home?

No

Move to a **designated shelter, etc. (a facility where you will stay for a certain time of period)**

Yes

Please confirm your home's condition

Is your home damaged?
 Are there any fires near your home?

Can you live in your home?

No

Move to a **designated shelter, etc. (a facility where you will stay for a certain time of period)**

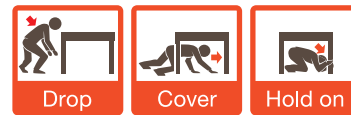
Yes

Please live in your home



What is ShakeOut?

It means to calmly drop down, take cover, and hold on for one minute.



Provided by the Advocacy Council for Effective Disaster-Prevention Drills and Disaster Awareness
<http://www.shakeout.jp/>

What is a designated emergency evacuation site?

A place where you evacuate to immediately to protect your life from the dangers of a disaster. (A playground, park, etc.)

Confirm the location using the hazard map.

Go to an **emergency evacuation site** first! After securing your safety, go to a **shelter** if needed.

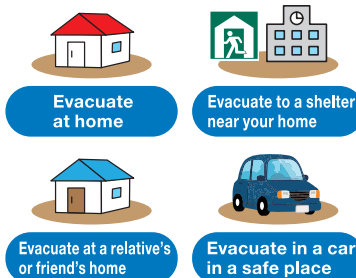
What is a designated shelter?

A facility where you will live for a certain period of time or temporarily when a disaster has occurred. (A school, community center, etc.)

Confirm the location using the hazard map.

Evacuation facilities for longer-term living

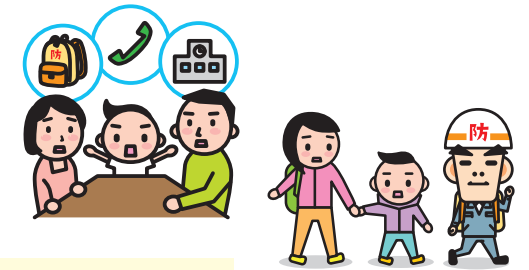
After the lifting of a tsunami warning, when your safety is secured you can evacuate according to the condition of your home. These are the options for evacuation.



Must-do's for tsunamis

Must-do's at ordinary times

- Decide with your family where and how to evacuate in the case of a tsunami.
- Once a shelter and route are decided, walk to the shelter to check the distance and time required for evacuation in advance.
- Conduct evacuation drills in your community to promote early evacuation throughout the area.



Following the 2024 Noto Peninsula Earthquake, there were cases where quick evacuation was implemented thanks to periodical evacuation drills, and all residents' lives were saved.

Must-do's when evacuating

Protect your own life.

Don't be bound by assumptions or preconceptions. Take the initiative to protect your own life.



Get to higher ground, even if only a little

The general rule for tsunami evacuation is "higher, not farther." Get to higher ground, even if only a little higher.



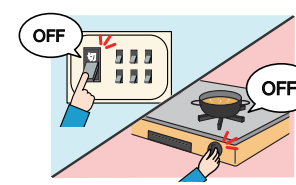
On foot whenever possible

In principle, evacuate on foot. For elderly people who have trouble walking, evacuate by car while watching out for traffic jams.



Check fire sources

Before leaving your home to evacuate, turn off the circuit breaker and shut off the gas main valve.



Evacuate together

Evacuate together, considering the elderly, children, the disabled, and expectant or nursing mothers.



Stay in a shelter

Searching for family or returning to your home may worsen disaster damage.



Emergency go-bag items

Prepare a "go-bag" with the minimum essentials so you can evacuate immediately. A backpack is best, as it allows you to keep both hands free.

Drinking water / Emergency food <ul style="list-style-type: none"> <input type="checkbox"/> Drinking water (approx. 3 liters per person per day) <input type="checkbox"/> Ready-to-eat emergency food (at least 3 days' worth) 	Living goods / Information devices <ul style="list-style-type: none"> <input type="checkbox"/> Glasses / Contact lenses <input type="checkbox"/> Lighter / Matches <input type="checkbox"/> Candles <input type="checkbox"/> Emergency thermal blanket / Blanket / Newspapers <input type="checkbox"/> Disposable warmers (heat pads) <input type="checkbox"/> Water bags <input type="checkbox"/> Portable toilet <input type="checkbox"/> Mobile radio <input type="checkbox"/> Mobile phones (smartphone) <input type="checkbox"/> Mobile battery <input type="checkbox"/> Batteries / Mobile charger <input type="checkbox"/> Hazard map (this booklet) <input type="checkbox"/> Writing utensils / Notebook 	Family with a baby <ul style="list-style-type: none"> <input type="checkbox"/> Powdered milk / Liquid milk <input type="checkbox"/> Baby food <input type="checkbox"/> Disposable diapers / Baby wipes <input type="checkbox"/> Toys (not bulky) <input type="checkbox"/> Disposal feeding bottles <input type="checkbox"/> Portable cutlery <input type="checkbox"/> Baby sling <input type="checkbox"/> Child's shoes
Protective items <ul style="list-style-type: none"> <input type="checkbox"/> Disaster helmet / Disaster hood <input type="checkbox"/> Rain gear / Cold weather jacket <input type="checkbox"/> Light gloves / Heavy-duty gloves <input type="checkbox"/> Sneakers without laces <input type="checkbox"/> Personal safety alarm / Whistle <input type="checkbox"/> Flashlight / Head lamp 	Sanitary items <ul style="list-style-type: none"> <input type="checkbox"/> Clothing / Underwear <input type="checkbox"/> Towels <input type="checkbox"/> Toothbrush / Toothpaste <input type="checkbox"/> Dry shampoo <input type="checkbox"/> Pocket tissues <input type="checkbox"/> Wet tissues <input type="checkbox"/> Garbage bags / Large plastic bags <input type="checkbox"/> Infection-prevention items (masks, antiseptic solutions, etc.) 	Family with women <ul style="list-style-type: none"> <input type="checkbox"/> Feminine hygiene products <input type="checkbox"/> Non-transparent garbage bags
Medical supplies <ul style="list-style-type: none"> <input type="checkbox"/> First aid kit <input type="checkbox"/> Regular medicine / Chronic disease medicine 	Valuables (for evacuation) <ul style="list-style-type: none"> <input type="checkbox"/> Cash (bills and coins) <input type="checkbox"/> Bankbooks <input type="checkbox"/> Personal seal <input type="checkbox"/> Individual Number Health Insurance Card (ID card) <input type="checkbox"/> My Number card <input type="checkbox"/> Driver's license <input type="checkbox"/> Contact address of your family and photos 	Family with elderly person(s) <ul style="list-style-type: none"> <input type="checkbox"/> Adult disposable diapers <input type="checkbox"/> Cane <input type="checkbox"/> Hearing aid <input type="checkbox"/> Dentures <input type="checkbox"/> Care food <input type="checkbox"/> Copy of drug history handbook



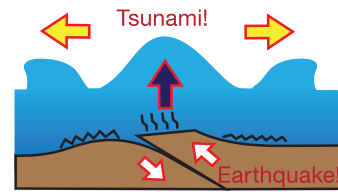
Store them somewhere easy to access, such as near your home entrance.

Weight (est.)
Adult man: 15kg
Adult woman: 10kg
Decide according to your physical fitness!

Learn about tsunamis correctly

How tsunamis occur

- When an earthquake occurs on the sea floor, the sudden movement of the ocean floor pushes up the sea surface.
- The mass of seawater displaced by this uplift spreads outward in all directions, forming a tsunami.
- Tsunamis can be triggered not only by earthquakes on the seafloor, but also by undersea landslides and underwater volcanic eruptions.



Tsunami characteristics

● Breakneck speed like a jet plane!

Tsunamis can travel as fast as a jet plane and, even as they approach land, they strike at car speed. If you wait until you see a tsunami at the coast and then try to flee, it will be too late.



● The power of a tsunami is terrifying!

The force of a tsunami is terrifying enough to sweep away houses and cars in an instant. As it advances, it engulfs and carries along destroyed houses, vehicles, ships, and various other objects, making its destructive power even greater.

● Tsunami heights are beyond imagination!

Tsunami heights are greatly influenced by coastal topography. Waves become higher in V-shaped bays and at the tips of capes.

● Tsunamis go up rivers!

Tsunamis can enter river mouths and flow several kilometers upstream, overcoming embankments and surging into residential areas and farmland.



● Tsunamis strike in waves—two, three, or more!

A tsunami strikes repeatedly. Later waves may be higher than the first. Never approach the coast until tsunami warnings or advisories are lifted.

● Tsunamis can strike even without the sea receding!

A receding sea does not necessarily precede a tsunami. A large wave may suddenly surge ashore.

Warnings, advisories, and forecasts

When an earthquake occurs and there is a risk of a tsunami, the Japan Meteorological Agency will issue the following information, including a **Tsunami Warning**, within approximately three minutes.

Type	Expected tsunami height		Actions to take
	Issued as numerical estimates	Expressions used for major earthquakes	
Major Tsunami Warning	Over 10 m, 10 m, 5 m	Great	People in coastal areas or along rivers should evacuate immediately to higher ground or another safe location. Tsunamis may strike repeatedly, so do not leave your safe location until the tsunami warning is lifted.
Tsunami Warning	3m	High	
Tsunami Advisory	1m	—	People in the ocean should immediately get out of the water and move away from the shoreline. Do not enter the sea or approach the coast until the tsunami warning is lifted.
Tsunami Forecast	When sea-level changes of less than 0.2 m are forecast		While there is no risk of tsunami damage, extreme caution is required when entering the water for work, fishing, swimming, or other activities.
	When sea-level fluctuations continue even after a tsunami advisory is lifted		

Sometimes, when the epicenter is close to land, tsunami warnings may not arrive before the tsunami hits. Follow the “evacuate when shaking occurs” rule strictly and evacuate to a safer location.

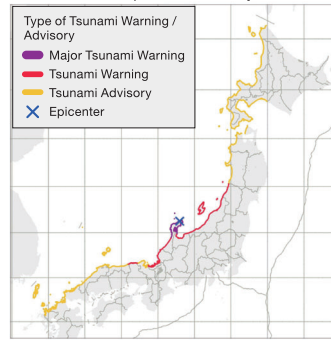
Tsunami damage in Ishikawa Prefecture

2024 Noto Peninsula Earthquake

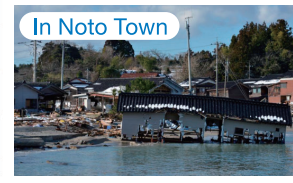
Date: January 1, 2024, at 4:10 pm
Magnitude: 7.6
Seismic intensity: Max. 7 (Shika Town and Wajima City)

- Along with the occurrence of the Noto Peninsula Earthquake, a large tsunami warning was issued to the Noto coastal areas. Tsunami warnings were issued even in the Kaga area in Ishikawa Prefecture.
- Approximately 190 ha of flooding caused by the tsunami was confirmed across three municipalities: Suzu City, Noto Town, and Shika Town in Ishikawa Prefecture. In Suzu City, where the flooded area was extensive, the depth is estimated to have reached about 4 m, resulting in severe damage including the washing away of houses.
- A tsunami height of 0.8 m was observed in Kanazawa.

Issued at 4:22 pm on January 1



Source: Japan Meteorological Agency (JMA) website



Source: Ishikawa Prefecture website

Prepare for tsunamis by obtaining information

How to obtain information during a disaster

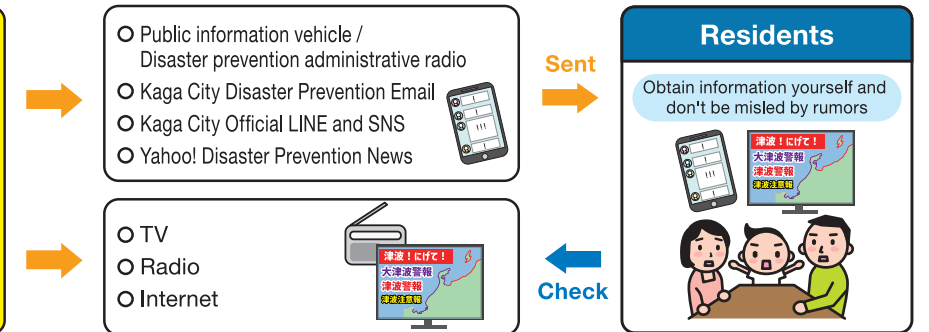
Issued by the Japan Meteorological Agency (JMA)

- ! Earthquake Early Warning (EEW) (Magnitude 4 or greater)
- ! Major Tsunami Warning
- ! Tsunami Warning
- ! Tsunami Advisory
- ! Tsunami Forecast

Issued by Kaga City

- ! Evacuation information

When the risk of a disaster rises or a disaster occurs, information is provided in various ways. Regularly check how to obtain information, and be prepared so that you can access important information yourself when an emergency occurs.



How to obtain disaster information

Please register in advance for anything that requires registration.

Information arrives Pre-registration

Kaga City Disaster Prevention Email

You can receive information by email, such as warnings and evacuation notices for tsunamis, typhoons, and heavy snow, as well as earthquake and fire alerts.

- Register from your PC

加賀市防災メール
(Kaga City Disaster Prevention Email)

<https://plus.sugumail.com/usr/kaga/home>

- Register from your mobile phone / smartphone
- Complete the registration procedure by sending a blank email



Pre-registration

Kaga City Official LINE and SNS

Kaga City's disaster prevention information is provided.

- LINE

Register by searching by ID (@kaga-city)
Register via the QR code



- Facebook

PC / Smartphone:
<https://www.facebook.com/kagacity/>

Pre-registration

Yahoo! Disaster Prevention News

You can receive emergency information from Kaga City, such as evacuation information and disaster information by using the Yahoo! Disaster Prevention News app.

Yahoo! 防災速報
(Yahoo! Disaster Prevention News)

PC / Smartphone:
<https://emg.yahoo.co.jp/>



Examine the information

Ishikawa Prefecture Disaster Prevention Portal

Obtain information on disasters within the prefecture (natural disasters, earthquakes, etc.).

石川県防災ポータル
(Ishikawa Prefecture Disaster Prevention Portal)

PC / Smartphone:
<https://pref-ishikawa.eye-bousai-plus.com>



VACAN

Obtain information on shelter openings and crowding during disasters.

- Location information for shelters
- Opening / crowding status of shelters

PC / Smartphone:
<https://vacan.com/area/kaga-city-evacuation/evacuation-center/10>



Other Hazard Maps

Kaga City also provides sediment disaster hazard maps, earthquake hazard maps, and flood hazard maps. Please check them.

加賀市 防災マップ
(Kaga City Disaster Prevention Map)

PC / Smartphone:
<https://www.city.kaga.ishikawa.jp/kurashi/bosai/index.html>



How to confirm someone's safety

During disasters, phone calls may be difficult to get through. Use “Disaster Message Dial 171” or “Disaster Message Hotline 171” to confirm someone's safety.

Disaster message dial 171 Accessible from a public phone or mobile phone	Message registration	Dial 171	▶ 1 (without PIN number) ▶ 3 (with PIN number)	Please follow the guidance for detailed operation.	Disaster message board web171 PC / Smartphone: https://www.web171.jp/web171app/
	Message playback	Dial 171	▶ 2 (without PIN number) ▶ 4 (with PIN number)		

Emergency contact details

Fire station Fire / Emergency / Rescue **119** **Police station** Crime / Crime prevention / Traffic accidents **110**



Kaga City Hall
Crisis Countermeasures Division

Ni-41 Daishoji Minamicho, Kaga City, Ishikawa Prefecture, 922-8622
TEL 0761-72-7891 FAX 0761-75-7388 E-mail kikitaisaku@city.kaga.lg.jp