

How to use the hazard map

The flood hazard map shows information for areas that are expected to be inundated due to flooding of rivers, and evacuation shelters etc., so that everyone can evacuate appropriately. In normal times, check the dangers in your area, where you can obtain information, and how to evacuate; if there is a risk of a disaster evacuate from the dangerous place as soon as possible. In the event of flood damage due to heavy rain, there may be a risk of landslides on the evacuation route. Check the landslide hazard map as well. Also check the storm surge hazard map in preparation of a typhoon.

Discuss with your family regularly

In order to take the appropriate action in an emergency it is important to prepare before disasters, such as flooding caused by heavy rain. Discuss disaster preparedness and actions to take with your family and community on a regular basis.

- Check the location of your home and evacuation shelters.**
Check the location of your home and evacuation shelters by referring to the location of national and prefectural roads, schools and public facilities.
- Check which places could become dangerous during heavy rains.**
Check for dangerous places such as waterways and bridges around your home during heavy rain.
- Avoid dangerous places and set your evacuation routes.**
Set your evacuation routes, avoiding places that could become dangerous in the event of heavy rain as checked in 2.
- Actually walk through the evacuation route to ensure that it's safe.**
Actually walk the route while talking with your family and neighbors. If there is a dangerous place on the evacuation route, review the evacuation route.
- Prepare Emergency Supplies.**
Refer to the "Emergency Supplies (example)" on the right and prepare the items to be taken with you when evacuating.
- Fill in Our Family's Disaster Prevention Note.**
Check the designated emergency evacuation shelters and designated evacuation shelters from time to time and fill in the "Our Family's Disaster Prevention Note" on the right. Note down the contact information of your family, acquaintances, relatives, etc. to confirm their safety.

Where to obtain information

In an emergency situation, pro-actively obtain weather information and evacuation information from TV, radio, and the Internet. In addition, the information about evacuation facilities listed on this hazard map may have changed since it was published, so check the latest information on the **disaster prevention app or the Nishio City website**. Check for information in normal times as much as possible.

Obtain information

Choose the source for yourself and obtain information.

Disaster Prevention Radio
Provides information and announcement about disaster information and evacuation using speakers installed throughout the city.

Internet
Information on the city's disaster prevention efforts, disaster information, and disaster prevention information will be provided from each organization's website.

Nishio City website
<https://www.city.nishio.aichi.jp/>

Nishio City Twitter
https://twitter.com/nishio_city

Nishio City Facebook
<https://www.facebook.com/kohonishio/>

Nishio City LINE official account
@nishiocity

Aichi Prefecture Disaster Prevention and Safety Bureau website
<https://www.pref.aichi.jp/bousai/>

Nagoya Local Meteorological Observatory
<https://www.jma-net.go.jp/nagoya/>

Disaster Information for Rivers by Ministry of Land, Infrastructure, Transport and Tourism
<https://www.river.go.jp/>

River disaster management information by Aichi Prefectural government
<https://www.kasen-aichi.jp/>

Television and Radio Broadcasting

Emergency broadcasts and text information via TV and radio will be provided. In addition, you can check disaster prevention information sent by the government in the event of a disaster through data broadcasting of digital terrestrial broadcasts. Press the "d" button (data broadcasting) on your TV remote controller.

Nishio City Disaster Prevention App and Disaster Prevention Mail

We are distributing a smartphone app that aggregates disaster prevention information for Nishio City (download required). On this app, you can check the broadcast contents of the wireless-activated disaster warning system, evacuation shelters, hazard maps, etc. You can also check the broadcast contents of the wireless-activated disaster warning system by e-mail. (Pre-registration required).

Disaster Prevention App | **Disaster Prevention Mail**

QR code to download app | Email address and QR code to register

iPhone | Android

bousai.nishio-city2@raidan2.ktaiwork.jp

Telephone service for wireless-activated disaster warning system

You can check broadcasts from the Disaster Prevention Radio over the telephone. Use the phone number below to check information.

0120-96-8111 (Toll-free)

Emergency Rapid Mail

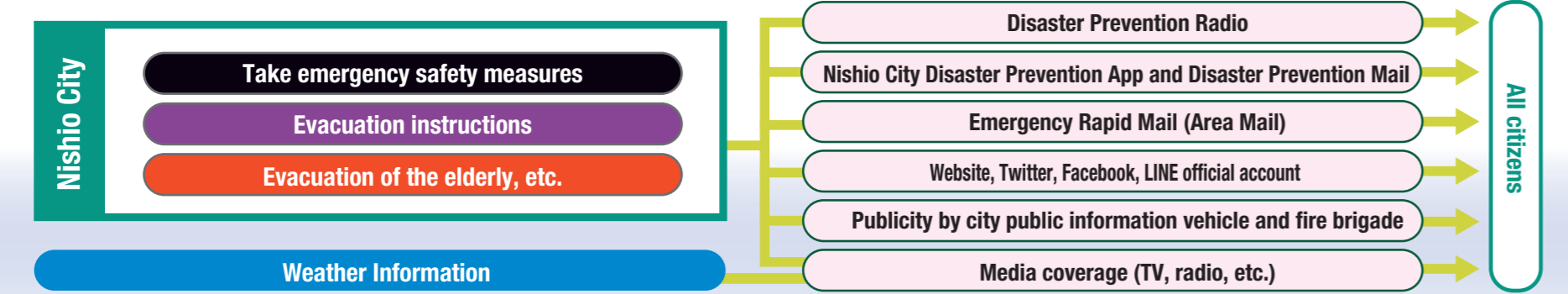
Using the "Area e-mails" and "Emergency early warning e-mails" functions of cell phones, evacuation information such as evacuation instructions and other emergency information notifications are automatically sent to cell phones in Nishio City. For information on how to receive information, refer to the website of each cell phone company.

Public Information Vehicle

This is dispatched in the event of a disaster and uses a loudspeaker to call for attention.

Information Transmission Flow

If a disaster such as the flooding of a river is expected, the Japan Meteorological Agency (JMA) and Nishio City will transmit information through a wireless-activated disaster warning system, apps, e-mails, Twitter, etc.

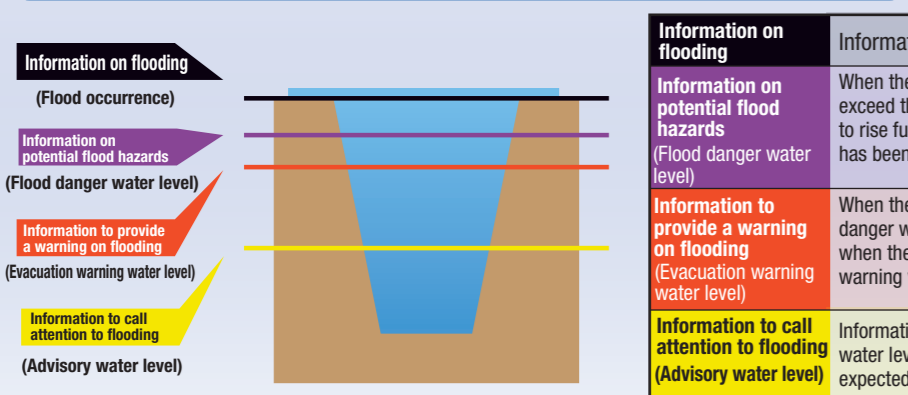


Contents of the Information to be Announced

Everyone should evacuate at Warning Level 4!

Warning level	Actions to be taken by citizens	Nishio City	Japan Meteorological Agency, etc.
5	If you have not yet evacuated from the danger area, take the most appropriate action to save your life. This is a life-threatening situation. If you were late to escape the disaster, ensure your own safety and take action to protect yourself	Take emergency safety measures The disaster has already occurred and is imminent. Remain safe and protect yourself from harm	Heavy Rain Special Warning
4	Finish evacuating everyone from the danger zone ■ Finish your evacuation before it becomes difficult to evacuate due to strong winds and flooded roads, etc. ■ Either quickly evacuate to the evacuation shelter or a safe place or ensure safety by remaining indoors ■ In situations where going out of your house, etc. would put your life at risk, evacuate to a safe place nearby or remain at a safer spot in your own house. ■ Help each other to evacuate	Evacuation instructions A situation with increased risk of damage or harm occurring A situation in which everyone finishes evacuating	Landslide disaster warning information
3	Elderly persons should evacuate immediately from the danger zone ■ Be prepared to evacuate at any time ■ Get accurate information ■ Elderly people and people with disabilities should start evacuation. ■ If you live along a landslide warning area or a river where there is a risk of a sudden rise in water level, evacuate as soon as evacuation preparations are ready.	Evacuation of the elderly, etc. A situation with a risk of damage or harm occurring A situation to begin evacuating people who need time to evacuate	Heavy rain warning Flood warning

Information to be announced as flood forecast for designated river water levels



Record Short-Time Heavy Rainfall Information

This information is to be announced when record short-time heavy rain that occurs only once every few years is observed in a situation where heavy rain warnings are announced.

Weather information concerning significantly heavy rainfall

This information is issued when a linear precipitation zone (a situation in which extremely severe rain continues to fall in the same place due to a linear shaped zone of rainfall) has occurred during a sudden increase in the risk of a disaster due to heavy rainfall.

Our Family's Disaster Prevention Note / Emergency Supplies

Meeting place			
By disaster	Meeting place	Contact information (first choice)	Contact information (second choice)

Family or other contact information		
Name	Phone number	Email address

*Also fill in the relatives and acquaintances who live in areas that do not flood.

Emergency Supplies (example)

- Drinkable water
- Food (Preserved foods, candies, chocolate, etc.)
- Writing utensils/notes
- Underwear, socks
- Valuables (Cash, health insurance card, etc.)
- Tissue paper Toilet paper
- Flashlight
- Shoes
- Work gloves
- Blankets, sleeping bags
- Rain items
- Medicine, pills, masks
- Towels
- Backpack
- Helmet
- Hazard map
- Mask, thermometer

Disaster Message Phone

Disaster Message Phone 171
You can confirm your safety and evacuation location by voice message.

When recording a message: 1 (0000)□□-□□□□ Record a message

When playing a message: 2 (0000)□□-□□□□ Listen to a message

If you are in the disaster area, dial your home phone number. If you are not in the disaster area, dial the phone numbers of people in the disaster area starting from the area code.

Disaster emergency message board
You can leave messages from your cell phone on the dedicated message board site.

NTT DOCOMO
<http://dengen.docomo.ne.jp/top.cgi>

KDDI:au
<http://dengen.auweb.ne.jp/>

Softbank
<http://dengen.softbank.ne.jp/>

Guidelines for Evacuation and Flood Outbreak Mechanism

Points of evacuation

It is recommended that you always arrange the items you need to bring with you when evacuating in order and discuss with your family members about evacuation processes. Also, if a disaster is expected, get accurate information and try to evacuate as soon as possible.

Evacuate quickly depending on the situation
Even if no evacuation information has been announced, you should evacuate voluntarily based on your assessment of the situation and other factors.

Take your Disaster Prevention Note
Prepare a Disaster Prevention Note with your address, name, and contact information, and evacuate with it.

Minimize the number of items you take with you
Pack emergency supplies in a backpack so that both hands are free.

Leave a contact note for your family
Leave a note for family members who are out of the house, such as where you are going to evacuate to.

Help each other out
Avoid going alone and evacuate to a designated area in a group with neighbors.

Evacuation by safe route
Avoid riversides and underground walkways, and choose as safe and wide roads as possible.

Follow the instructions at evacuation shelters
When you arrive at an evacuation shelter, follow the instructions of the person in charge and report your name and address.

About inundation and flooding

When it rains heavily, water over flows from rivers. Get to know the mechanisms of inundation and flooding.

Inundation due to inland water (Flooding inside an embankment)
When the amount of rain exceeds the capacity of drainage facilities such as sewers and road gutters, or when the river water level rises, rainwater may not be drained and may flood.

Flood (Flooding by river water)
When the water level of a river rises due to heavy rain, water may overflow the embankment, or the earth and sand of the embankment may flow out and collapse.

Horizontal Evacuation (leaving the home to evacuate) and Vertical Evacuation

Early evacuation is important in a disaster. However, it is necessary to avoid unreasonable evacuation behavior in situations where danger is imminent, such as when the evacuation route is already flooded. In such cases, even if evacuation of the elderly, etc. or evacuation instructions are announced, it is necessary to judge not only evacuation to an evacuation shelter (horizontal evacuation) but also evacuation to a high place such as a nearby tall building or the second floor of your house (vertical evacuation). If indoors, it is also necessary to evacuate to the side furthest from the mountain in areas where there is a risk of landslide disasters.



Areas that require early evacuation

Evacuate early in the following areas:

- Area where inundation depth is expected to be 3.0 m or more
- Area where there is a risk of house collapse during floods (Within flooding assumption area with a house collapse risk, etc.)

* If a one-story building, area where inundation depth is expected to be 0.5 m

Near rivers, there is a risk of houses collapsing if the embankment collapses due to river flow (flooding or bank erosion). Pay attention to evacuation information from the City and evacuate immediately if you sense any danger.

Expected Inundation Area and Expected Inundation Area Map for Each River

