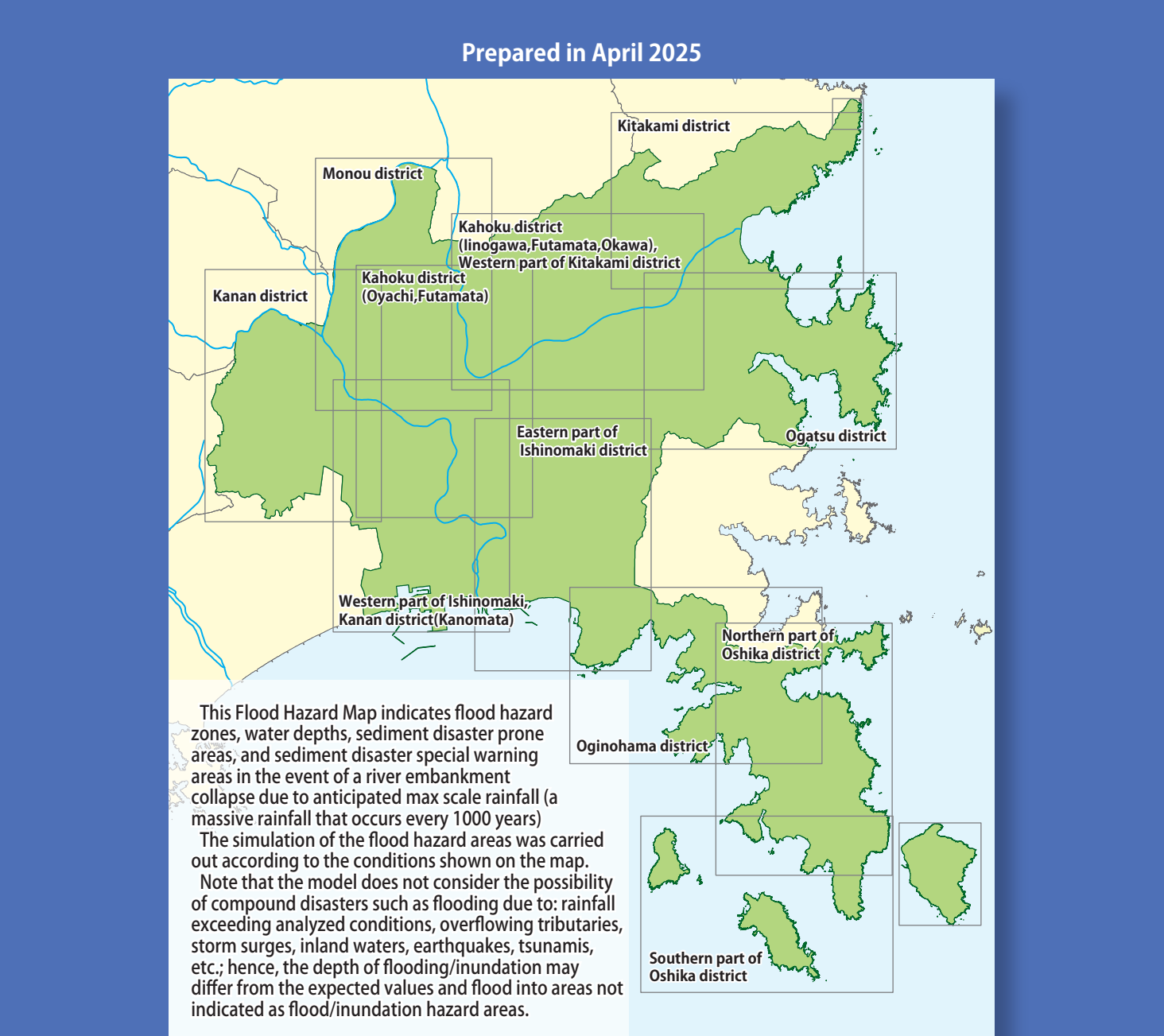


Ishinomaki City Flood Hazard Map



[Sources]

Flood Inundation Hazardous Areas	Kitakami-gawa-Karyu River Office, Tohoku Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism	Designated June 30, 2016	Kitakami-gawa, Kyukitakami-gawa, Eaigawa, Shinaigawa, Tadagawa, Narusegawa
	River Division, Civil Engineering Department, Miyagi Prefectural Government	Designated March 15, 2022	Kuratsubogawa, Oshinobirigawa, Manogawa, Yabugawa, Takagawa, Hinatagawa, Hikegawa, Uchinoharagawa, Mizunogawa, Fujikawa, Jougawa
		Designated May 31, 2022	Saragaigawa, Nakashimagawa, Maguragawa, Nishizawagawa, Osawagawa, Oppazawagawa
		Designated May 30, 2023	Furukawa, Oppagawa, Kamogawa, Hasamigawa, Akashigawa, Niideragawa, Takenohasagawa, Omorigawa
Sediment Disaster Prone Areas (Sediment Disaster Special Warning Area)	Disaster Management and Erosion Control Division, Civil Engineering Department, Miyagi Prefectural Government	Updated until October 4, 2024	
Location scheduled for a Sediment Disaster Survey		Published May 1, 2024	

Let us produce a Timeline for our home

A Timeline is an evacuation plan that describes preparations for evacuation and evacuation methods in the event of a disaster. To ensure that when the time comes, and so that we can act based on vital information without panicking, discuss with your family the actions you should take and create a Timeline for our family.

What is "Alert Level"? ... Alert Level is information that allows residents to intuitively understand the severity of the occurring disaster and take appropriate evacuation action.		
Evacuation information, etc.	Severe Weather Preparedness ^(*) (Information corresponding to the alert level)	Actions that should be taken When? Who? What do we do?
Alert level 1 Early advisory information (The Japan Meteorological Agency issues a warning when there is a possibility of a warning-level event.)	•Early advisory information Medium / High	<input type="checkbox"/>
Alert level 2 Advisory for heavy rain, flooding, storm surge (Announced by the Japan Meteorological Agency) (Scene of preparedness for disaster)	•Heavy rain advisory •Flood advisory •River Flood Advisory •Storm surge advisory •Kikikuru "Advisory" [Kikikuru] = Risk Map ① Landslide risk map ② Inundation risk map ③ Flood risk map	<input type="checkbox"/>
Alert level 3 Elderly people, those with disabilities, and others who may need more time to evacuate should evacuate from affected areas. (Issued by the city)	•Heavy rain warning (sediment disaster) •Flood warning •River flood warning •Storm surge advisory (there is a strong possibility that it will be switched to a warning) •Kikikuru "Warning"	<input type="checkbox"/>
Those who need more time to evacuate such as the elderly or persons with disability should evacuate from danger areas as soon as Alert Level 3 .		
Aside from the elderly, everyone should also halt their normal activities, prepare for evacuation, and if they perceive danger, then evacuate voluntarily .		
Alert level 4 Evacuation order (Issued by the city)	•Sediment disaster warning information •Flood hazard information •Storm surge special warning •Storm surge warning •Kikikuru "Danger"	<input type="checkbox"/>
By this point, everyone must have evacuated		
Alert level 5 Ensure safety immediately! (Issued by the city) ^{(*) An order will not necessarily be issued.} Alert level 5 indicates a life-threatening situation where evacuation is not possible. Do not wait for alert level 5 "Ensure safety immediately!" to be issued!	•Heavy rain special warning •Flooding Information •Kikikuru "Disaster imminent"	<input type="checkbox"/>

^(*) At present the Japan Meteorological Agency and the Ministry of Land, Infrastructure, Transport and Tourism are reviewing the notation for information for Severe Weather Preparedness, etc., and the notation is scheduled to be updated in the future.

1-1 Flooding and Sediment Disasters

Flooding

Rivers rise and overflow due to heavy rain, etc., creating a flood which may submerge land and inundate buildings.

Areas requiring immediate evacuation

Remaining in the area could put your life at risk. Evacuate out of the inundation hazard area before flooding begins.

Areas where the predicted flood depth is 3 m or higher

There is a possibility of flooding to the second floor or higher.

Areas where the predicted flood could cause houses to collapse, etc.

In areas, like those along a levee, that are susceptible to intense currents, the currents may cause houses to collapse and wash them away through riverbank erosion or flood flow.

River water level information

The following diagram provides a guide for water level thresholds for when evacuation actions and flood prevention actions should be taken. Let's Check.

Flooding

Water level thresholds for evacuation

Sediment disasters

Rockfall

Debris flow

Landslide

If any such signs occur, immediately evacuate

If such signs occur, evacuate immediately

If such signs occur, evacuate immediately

Sediment Disaster (Special) Warning Area

Location scheduled for Sediment Disaster Survey

2-1 Disaster prevention information to be announced during heavy rain

When the forecast predicts heavy rain and there is possibility of disaster, various disaster prevention information is announced by National, Prefectural, and Ishinomaki city governments. During heavy rain, let's gather information and take proper evacuation actions.

Evacuation information	Evacuation order	Alert Level 3 is issued at this stage. The elderly, and persons with disabilities, who take longer to evacuate, as well as those assisting the evacuation, should evacuate from danger to safe areas.
River water level information	Water level threshold for evacuation	Alert Level 4 is issued at this stage. Everyone in the affected area must evacuate from dangerous areas.
Sediment disaster warning information	Flood danger water level	Alert Level 5 is issued at this stage. Take immediate action to protect yourself at a safe area.
Information on record short duration torrential rainfall		When the risk of sediment disasters increases due to rainfall, disaster prevention information is jointly announced by Miyagi Prefecture and Sendai Regional Meteorological Observatory.
Weather information on very heavy rainfall (linear precipitation zones)		This is information on short duration torrential rainfall that only occurs about once in several years, which is measured and analyzed.
Heavy rainfall special warning		"Linear precipitation zone" refers to very heavy rain falling continuously in the same place in a linear rainband. As the risk of disasters caused by heavy rain increases rapidly, meteorological information regarding very heavy rain is explained using linear precipitation zone as a keyword. This supplementary information is released when the situation is equivalent to or exceeds the Alert Level 4 "All residents should evacuate from affected areas".

Information on Disaster Prevention Alert Levels

Alert level	Advisories, warnings, etc. (relevant information)	Evacuation information
Alert level 1	Early advisory information	
Alert level 2	Heavy rain advisory, flood advisory	
Alert level 3	Heavy rain warning, flood warning	Elderly people, those with disabilities, and others who may need more time to evacuate should evacuate from affected areas.
Alert level 4	Sediment disaster warning information	All residents should evacuate from affected areas.
Alert level 5	Heavy rainfall special warning	Life-threatening situation, ensure safety immediately!

City evacuation centers, evacuation shelters

The city has designated evacuation centers and evacuation shelters, but some of these facilities may not be available depending on the situation during disaster. Besides the evacuation facilities designated by the city, check in advance the safe home of a relative or friend, or an accommodation facility.

Type	Explanation	Evacuate to the safe home of a relative or friend
Evacuation center	Places to evacuate to temporarily, in order to stay safe during a disaster.	
	Using the map on the backside	
Evacuation center / shelter	A facility for people to live in if their homes were damaged and became uninhabitable.	

1. Disaster Preparedness

1-2 Let's work on disaster prevention with our family

1 Discuss evacuation together

Step 1 Check the disaster risks around your home.

Check the inundation status in the case of a flood. Check what color the location of your house is on the flood hazard map.

Step 2 Check the evacuation center near your house.

Check the evacuation center on the map for each type of disaster.

Step 3 Check the evacuation route and the disaster risks on the evacuation route.

Look at the flood hazard map, and check the route to the evacuation center. Also, check whether there are disaster risks on the evacuation route.

Step 4 Check the route to the evacuation center and practice walking it.

Practice walking the route while talking with your family and the local community. If there are dangerous areas along the evacuation route, re-evaluate the evacuation route.

Step 5 Produce your own hazard map based on the results of your checks.

Reflect the results of your checks on your hazard map and create your own My Hazard Map. Create a Timeline for your family, taking into account the time needed to evacuate.

2 Prepare emergency items and emergency supplies

Valuable items

Clothing (to suit the season)

Types of small tools

Water, food (about 3 days)

Toiletries

Medicines

Baby Care Products

Pet Products

Emergency supplies

*These are just examples, so prepare necessary items depending on your personal needs. Also, periodically check the contents, and replace them as required.

2. Actions to be taken during heavy rain

[Obtaining disaster prevention information] *Links with English translations

Ishinomaki City homepage

Ishinomaki City Disaster mail

Ishinomaki City LINE official account

Ishinomaki SNS

Ministry of Land, Infrastructure, Transport and Tourism "River disaster prevention information"

Miyagi Prefecture Disaster Prevention Information Portal

Television

Hazard Map Homepage Version

Ishinomaki City

Hazard map information is available on the city's website. On the homepage, you can show or hide information using the check button. You can also freely switch the display range, for example, check detailed information around your home or create your own hazard map (A4 size) centered around your home.

Ministry of Land, Infrastructure, Transport and Tourism

Hazard maps are available for viewing anywhere in the country, stacked with disaster risk information and useful information for disaster prevention.

Overlapping Hazard Maps

1-3 Let's cooperate with disaster prevention as a community.

1 Disaster Prevention Volunteer Organizations

In the event of a large-scale disaster, there are limits to what the government can do to respond to the disaster. A voluntary disaster prevention organization is an organization that carries out disaster prevention activities based on the spirit of self-help and mutual aid, and is based on a neighborhood association or administrative unit. Actively participate in the activities at your local area, and become involved in local disaster prevention.

2 Drawing up of District Disaster Management Plans

A District Disaster Management Plan is a voluntary disaster prevention activity plan that everyone living in a certain area formulates regarding mutual aid (mutual assistance) to protect lives and property in their community. When local inhabitants come together to consider disaster management and to take measures, the disaster prevention capacity of the region as a whole is enhanced and community bonds are strengthened. The city is supporting the formulation of District Disaster Management Plans by means of mobile seminars and other activities held in response to local requests.

3 Disaster prevention networks

The city registers neighborhood associations, voluntary disaster prevention organizations, and administrative districts that are willing to cooperate in creating a support system for evacuation action supporters as a "disaster prevention network" and promotes the creation of a support system.

4 Let's participate in disaster prevention drills.

The city is promoting the creation of a system in which comprehensive disaster prevention drills and other drills are carried out under the leadership of voluntary disaster prevention organizations. Let's participate in local drills in preparation for disaster.

Let's learn how to check the safety of your family and friends!

"Disaster emergency message dial / message board"

Days provided for experiencing the use of Disaster emergency message dial 171

• 1st and 15th day of each month, 00:00 to 24:00

• Three days of New Year's holiday (January 1, 00:00 to January 3, 24:00)

• Disaster prevention week (August 30, 9:00 to September 5, 17:00)

• Disaster prevention and volunteering week (January 15, 9:00 to January 21, 17:00)

How to check safety

Disaster emergency message dial 171 is a "voice message board" used when a large-scale disaster occurs. Recording and playback of messages can be carried out from regular telephone, public telephone, mobile phone, PHS (excluding some telecommunications carriers).

To record a message

To playback a message

You can also register and check on the Internet.

Please access <https://www.web171.jp>

2-2 Things to keep in mind for evacuation

Evacuation is a voluntary decision!

Make sure to evacuate early, based on disaster prevention information such as weather information or evacuation information.

During evacuation, wear clothes that are easy to move in.

Try to evacuate as a group of two or more persons.

It is necessary that the elderly, children, the sick, the physically disabled, etc., evacuate early.

Let us cooperate in assisting those that need support during evacuation.

When there is impending danger, instructions will be given out such as "Evacuation for the Elderly, Persons with Disabilities, those who need more time to evacuate" or "All residents should evacuate from affected areas"

Night evacuation is very dangerous

because it is difficult to check your surroundings. As much as possible try to evacuate before it gets dark.

DANGER!

When an evacuation center is not nearby, temporarily evacuate to the upper floor of the nearest sturdy building.