

My Timeline

# Evacuation Plan for Our Family or My Timeline

My and my family's **evacuation actions**

Creation date:

One to three days before heavy rain/typhoon

Level 1

Meteorological Information

Typhoon forecast/Possibility of Warnings

\* Issued by the Japan Meteorological Agency

☐ Check things to bring in an emergency.  
☐ Check your family's whereabouts and plans for the future.  
☐ Ask your relatives or friends to evacuate you.  
☐ Check meteorological information on TV or the Internet.  
☐ Discuss the timing of evacuation with your family and supporters.

☐  
☐  
☐  
☐  
☐

Advisory

Level 2

Meteorological Information

Heavy Rain/Flood/Flooding Advisory

\* Issued by the Japan Meteorological Agency

☐ Reconfirm evacuation sites and evacuation routes.  
☐ Check if your cell-phone is charged.  
☐ If you are to evacuate at level 3, prepare to begin evacuation.

☐  
☐  
☐

Warning: Elderly people should evacuate.

Level 3

Evacuation Information

Evacuation of the Elderly, Etc.

\* Issued by Shinshiro City

☐ Check the status of evacuation sites, rainfall, etc. on TV, the Internet, or your cell-phone.  
☐ **Begin evacuation with the issuance of Evacuation of the Elderly, Etc.**  
☐ If you are to evacuate at level 3, notify your support person that you have evacuated.  
☐ If you are to evacuate at level 4, prepare to begin evacuation.

☐  
☐  
☐  
☐

Evacuation site ( )

All citizens should evacuate.

Level 4

Evacuation Information

Evacuation Instructions

\* Issued by Shinshiro City

☐ Check the latest situation on TV or the Internet.  
☐ **Begin evacuation with the issuance of Evacuation Instructions.**  
☐ Notify your family and supporters that you have evacuated.  
☐ Evacuation completed.

☐  
☐  
☐  
☐

Evacuation site ( )

Be sure to evacuate by alert level 4!

Disaster occurrence

Level 5

Evacuation Information

Emergency Safety Measures

Danger to life

Protect yourself immediately

\* Issued by Shinshiro City

As a disaster has already occurred or is likely to occur in the city, take immediate action to protect your life by moving to an upper floor or higher location of your home where the risk of flooding is lower and where there is less risk of landslides!

## Contact information and methods for family and supporters

Name	Phone number	Main places of stay other than home (work/school)	Meeting place and contact method in case of emergency, etc.

When evacuating during heavy rain, keep your belongings to a minimum and use a backpack so that you can use both hands freely.

Things to put in your emergency bag

☐ Portable radio  
☐ Mobile battery  
☐ Flashlight (with spare batteries)  
☐ Candles (thick and stable)  
☐ First-aid medicine  
(Sterile adhesive tape, gauze, bandages, triangular bandage, wound disinfectant, antipyretic, digestive medicine, cold medicine, eye drops, etc.)

☐ Drinking water, emergency food (hardtack, etc.)  
☐ Daily necessities  
(Lighter, knife, tissue paper, plastic bag, etc.)  
☐ Clothing  
(Underwear, jacket, gloves, socks, handkerchief, towels, etc.)  
☐ Infectious disease countermeasures  
(Masks, hand sanitizer, etc.)

What you need depending on your family structure


Example: household medicines, etc.  
☐  
☐  

Convenient things to have



☐ Blankets/ sleeping bags  
☐ Disposable chopsticks  
☐ Portable gas stove  
☐ Ground sheet  
☐ Slippers  
☐ Pocket warmers

Necessities for evacuation

☐ Rain gear (raincoat)  
☐ Gloves  
☐ Helmet (fire-proof hood)  
☐ Hazard Map  
☐ Valuables  
(Bank passbook, health insurance card, driver's license, etc.)  
☐ Cash (including 10-yen coins for public telephones)

 **Shinshiro City** **Tsukude District**

# Flood and Landslide Hazard Map



It is important for each citizen to take preventive measures with correct knowledge and disaster prevention awareness in order to protect lives from natural disasters. Please make use of this booklet, which contains the following information: ideas and reference information for evacuating from disasters caused by heavy rain, areas that are expected to be flooded if major rivers in the city flood, expected flood depth, landslide hazard areas, and the location of evacuation shelters.

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[Toyogawa River System] Toyogawa River, Sakai River, Uri River, Noda River, Dainyu River, Tamachi River, Ure River, Tsuge River, Oshima River, Kamebuchi River, Ebi River, Tomoe River, Shimada River, Tokaizu River  
[Yahagi River System] Tomoe River, Suganuma River, Kurose River, Nakagawa River

◆ Our Home's Disaster Risk

Flood		Landslide
<div>Risk of flood disaster ▼ Expected flood inundation area <input type="checkbox"/> Applicable (expected flood inundation area) ⇒ How deep will the water be in our home? [        m to        m] <input type="checkbox"/> Not applicable ▼ Areas requiring early evacuation <input type="checkbox"/> Yes <input type="checkbox"/> No</div>	How dangerous is our home?	<div>Risk of landslides ▼ Landslide (emergency) warning area <input type="checkbox"/> Yes ⇒ <input type="checkbox"/> Landslide warning area <input type="checkbox"/> Landslide emergency warning area <input type="checkbox"/> None</div>
<div>Alert level 3 Evacuation of the Elderly, Etc.</div> <div><input type="checkbox"/> If our home is in an area that requires early evacuation <input type="checkbox"/> If we need time to evacuate, such as when pregnant or accompanied by small children.</div> <div>Alert level 4 Evacuation Instructions</div> <div><input type="checkbox"/> Other than the above, if our home is in an expected flood inundation area.</div>	When should you start evacuation?	<div>Alert level 3 Evacuation of the Elderly, Etc.</div> <div><input type="checkbox"/> If we need time to evacuate, such as when pregnant or accompanied by small children.</div> <div>Alert level 4 Evacuation Instructions</div> <div><input type="checkbox"/> Other than the above, if our home is in a landslide (emergency) warning area.</div>
<div><input type="checkbox"/> Upper floor of your home [        floor] <input type="checkbox"/> Relatives' or acquaintances' houses [        ] <input type="checkbox"/> Designated evacuation shelters [        ] <input type="checkbox"/> Others [        ]</div>	Where are our evacuation sites?	<div><input type="checkbox"/> Upper floor of your home [        floor] <input type="checkbox"/> Relatives' or acquaintances' houses [        ] <input type="checkbox"/> Designated evacuation shelters [        ] <input type="checkbox"/> Others [        ]</div>

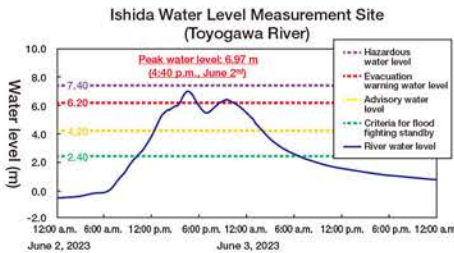
Published by Shinshiro City (Prepared in March 2024)

Hazard maps are also distributed at the Disaster Prevention Division, Civil Engineering Division, and at the counters of each branch office.



# Past Flood Disasters That Occurred in Shinshiro City

In the heavy rains caused by Typhoon No. 2 in June 2023 and its associated front, extremely heavy rain continued for a long time in linear precipitation bands in the Toyogawa River system, with a total rainfall of 492 mm recorded at the Yamayoshida Precipitation Measurement Site. Damage also occurred in Shinshiro City.



Stream overflow, slope failures, and landslides occurred in various parts of Shinshiro City.

# Protect Your Life Yourself

In recent years, disasters that threaten lives and livelihoods have frequently occurred in Japan, such as floods caused by heavy rain, and steep slope collapses (collapses), debris flows, and landslides. In order to protect the lives of residents from floods and landslides, progress has been made in constructing dams, levees, weirs, and retaining walls.

However, it takes a lot of time and money to set up many countermeasure facilities. Therefore, in order to protect our lives from floods and landslides, it is important to know the dangers around us and to evacuate appropriately.

When a large-scale disaster occurs, rescue and support from the government cannot arrive quickly, so self-help and mutual assistance are important.

## Self-help Protect your life by yourself!

### How to confirm safety in the event of a disaster

- During disasters, more people use their phones to check on the safety of their family members and others, which can overload the phone system. Therefore, be sure to check the NTT Disaster Emergency Message Dial "171" and disaster emergency message board "web171" provided by telephone and cell-phone companies.



### Confirmation of evacuation method

- Confirm evacuation destinations and evacuation methods with your family in advance. If possible, take a preliminary look and check the areas you need to be careful about when evacuating. If it is difficult to evacuate immediately, evacuate to a room of your home that does not face the mountain slope, or to the second floor.



- Consider evacuating to your relative or friend's house.

### Check emergency items

- Make sure you have everything you need. Check the expiration dates of perishables and replace them with a new one if necessary.



### Check for dangers around your home etc.

- Check the areas around your home that are at risk of landslides or flooding using Hazard Maps and the Internet.



## Mutual assistance

Cooperate with the community to protect life!

### Cooperate and evacuate

- When evacuating, call out around your neighborhood and evacuate. Cooperate in the local community so that people who require assistance in the event of a disaster, such as the elderly and people with disabilities, can evacuate quickly. If you feel you are in danger, consider evacuating to a public hall or a friend's house with the help of others.



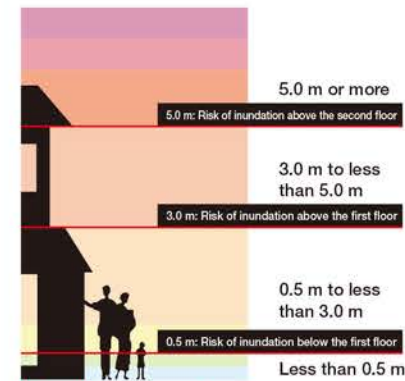
# How to Read the Hazard Map

Hazard Maps show information such as disaster risks and evacuation sites. See below how to read each one.

## Flood disaster

The Hazard Map shows the area expected to be flooded and the maximum inundation depth in the event of the largest possible rainfall.

### Criteria for inundation depth



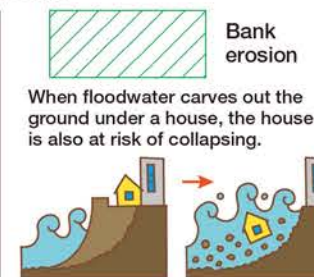
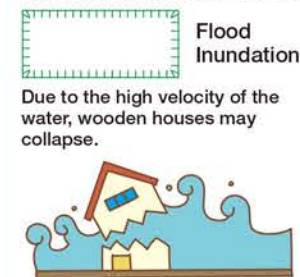
This is an area where there is a risk of inundation due to flood from rivers or from inland waters. The maximum expected inundation depth under each simulation condition is shown in different colors.

If the depth of the expected inundation is greater than the height of your home, or if you are in an assumed flooding area where houses are likely to collapse, you will need to evacuate as soon as possible.

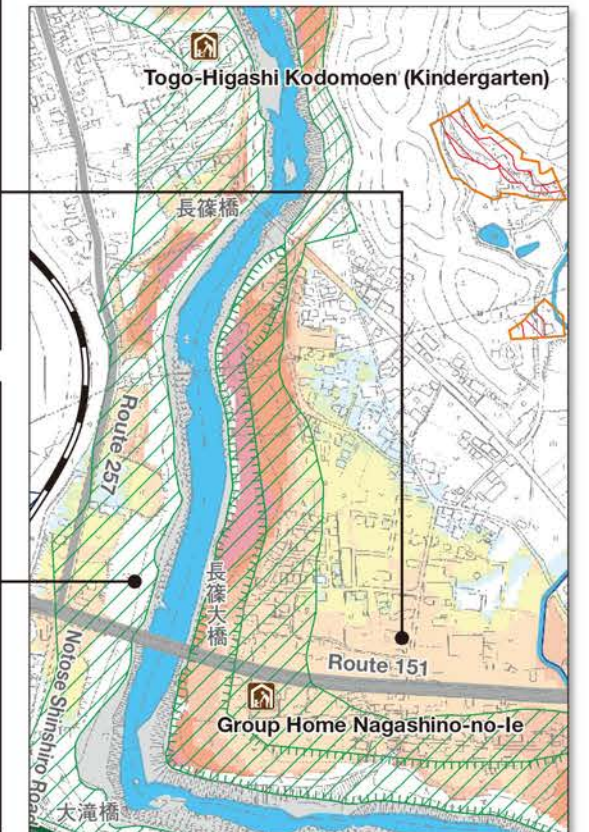
When the water reaches above your knees, it will be difficult to walk.

### An assumed flooding area where houses are likely to collapse (flood only)

Areas where the occurrence of severe flood flows and bank erosion is accompanied by bank collapses, which may cause the collapse or washing away of houses, etc., is expected.



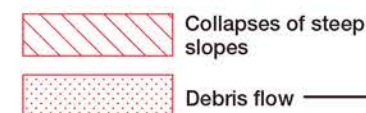
Largest possible rainfall  
Toyogawa River basin: Total precipitation in 1 day: 604 mm  
Basins of Sakai River, Uri River, Noda River, Dainyu River, Tamachi River, Oshima River, Kamebuchi River, Shimada River tributaries: Total precipitation in 1 day: 836 mm  
Ure River basin: Total precipitation in 1 day: 695 mm  
Tsuge River basin: Total precipitation in 1 day: 819 mm  
Ebi River basin: Total precipitation in 1 day: 830 mm  
Tomoe River (Toyogawa River System) basin: Total precipitation in 1 day: 752 mm  
Tokaizu River basin: Total precipitation in 1 day: 794 mm  
Tomoe River (Yahagi River System) basin: Total precipitation in 1 day: 640 mm  
Tomoe River (Yahagi River System): Total precipitation in 24 hours: 640 mm  
Tomoe River (Yahagi River System): Total precipitation in 1 day: 640 mm



This map was compiled and created by Shinshiro City based on the Toyogawa River Expected Flood Inundated Area Map (Published by the Ministry of Land, Infrastructure, Transport and Tourism in May 2016), the Toyogawa River System Toyogawa River Upstream Tributary Rivers Expected Inundation Area Map (Published by Aichi Prefecture in October 2021), and the Yahagi River System Yahagi River Middle Tributary Rivers Expected Inundation Area Map (Published by Aichi Prefecture in July 2020).

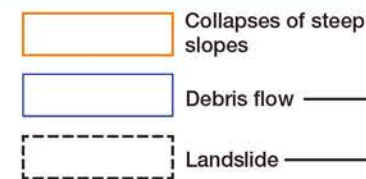
## Landslide Disaster

### Landslide emergency warning area (red zone)

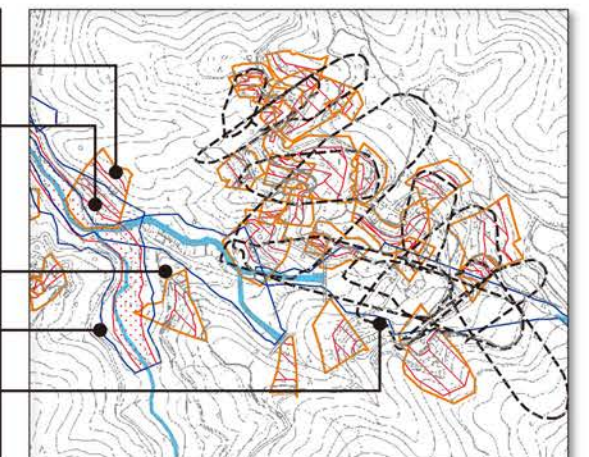


Areas where there is a risk of damage to buildings and significant harm to the lives or bodies of residents.

### Landslide warning area (yellow zone)



Areas where there is a risk of harm to the lives or bodies of residents.



Landslide warning areas and landslide emergency warning areas are areas designated as of May 2024.



# Flood Disasters due to Heavy Rain

## Image of how rain falls and its intensity

Slightly heavy rain 10-20 mm per hour	Heavy rain 20-30 mm per hour	Intense rain 30-50 mm per hour	Extremely intense rain 50-80 mm per hour	Torrential rain 80 mm or more per hour
<ul style="list-style-type: none"> <li>■ Pouring rain</li> <li>■ Enough rain to form puddles all over the ground</li> </ul>	<ul style="list-style-type: none"> <li>■ Downpours</li> <li>■ You can get wet even with an umbrella</li> </ul>	<ul style="list-style-type: none"> <li>■ Torrents</li> <li>■ The road becomes like a river</li> </ul>	<ul style="list-style-type: none"> <li>■ Pours like a waterfall</li> <li>■ Umbrellas become completely useless</li> </ul>	<ul style="list-style-type: none"> <li>■ Gives a stifling sense of oppression, bringing a feeling of fear</li> </ul>

## Types of disasters and mechanisms of occurrence

**Flood from a river (flood)**

Floods that occur when river water levels rise due to heavy rain and cause levees to burst, or floods in which river water overflows levees are called "floods from rivers" (flood).

**Flooding of rivers downstream of dams**

When heavy rain falls exceeding the capacity of the dam, there will be an emergency water discharge. Dam management may issue information about the emergency water discharge.

## We have established "areas where early evacuation is required."

**Areas where early evacuation is required**

**Areas with an inundation depth of 3 m or more**

Equivalent to the floor height of the second floor of a typical house or higher. Staying indoors can be life threatening.

**An assumed flooding area where houses are likely to collapse**

This is an area where, during heavy rains, there is a risk of flood flow and bank erosion that could wash away a typical wooden house.

**When evacuation information is issued...**

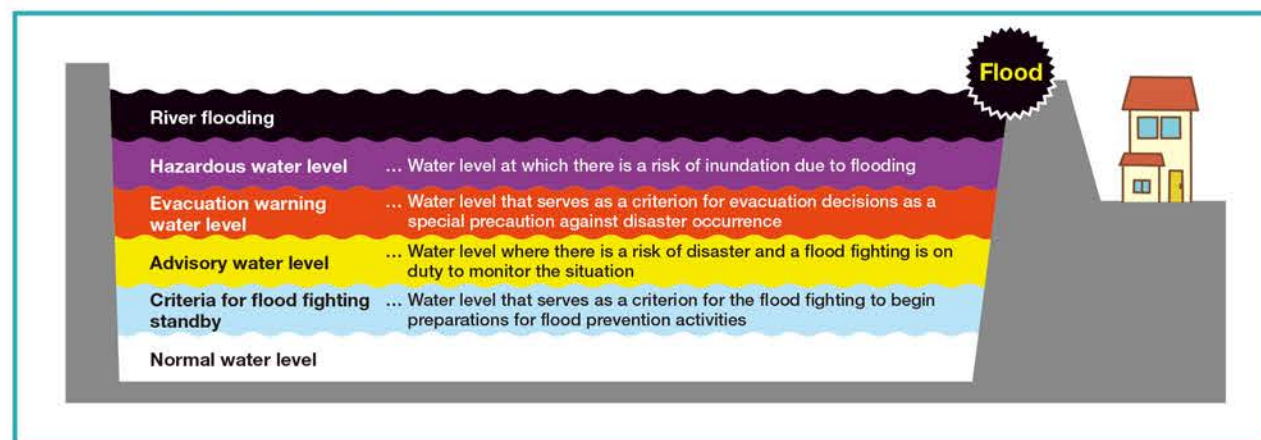
**If alert level 3: Evacuation of the Elderly, Etc. is issued,**

(1) First, evacuate to outside of the expected flood inundation area.  
(2) If the above is difficult, evacuate to the second floor or higher of a building such as a designated evacuation shelter outside of areas where early evacuation is required.

**Be careful in the following situations!**

If it is dangerous to go outside, such as when the surrounding area has started to flood, immediately evacuate to the second floor of your home or a nearby sturdy building to ensure your safety.

## River water level information



# Landslide disasters

## Implementation and publication of basic research

Aichi Prefecture has conducted surveys and published the results on the topography and geology of areas that are likely to be damaged by landslides, such as mountain streams, slopes, and their downstream areas; the expected range of landslide disasters; soil usage status; etc.

**Steep slope collapses**

This is a phenomenon in which steep slopes (cliffs) collapse. This is triggered by heavy rain or earthquakes.

**Precursory phenomena** Be careful when the following phenomena occur!

- Pebbles fall from the cliff.
- Water gushes out from the slope.

**Debris flow**

This is a phenomenon in which water and sediment mix and flow out of the valley with great force when a mountain slope collapses due to heavy rain or when sediment accumulated at the bottom of a valley flows out.

**Precursory phenomena** Be careful when the following phenomena occur!

- Abnormal turbidity occurs in river water.
- River water level suddenly decreases.

**Landslide**

This is a phenomenon in which a part of a mountain or slope gently moves downward while retaining its original shape to some extent. This is caused by rising groundwater levels due to rainfall and melting snow, or by human-induced topographical changes.

**Precursory phenomena** Be careful when the following phenomena occur!

- The mountain is rumbling or shaking.
- Cracks have appeared on the cliff.

## Designation of caution areas

In order to protect the lives of citizens from landslides, warning areas are designated based on the Landslide Prevention Law.\*

\*Act on Sediment Disaster Countermeasures for Sediment Disaster Prone Areas

**Landslide warning zone (yellow zone)**

Areas where there is a risk of danger to life or body in the event of a landslide

**Landslide emergency warning zone (red zone)**

Areas where there is a risk of damage to buildings and significant harm to life or body in the event of a landslide

## How to evacuate from landslides

**In principle, evacuate outside the warning area**

Evacuate to a designated evacuation shelter indicated by evacuation information or a safe place outside the landslide warning area.

If your home is on a cliff, there is a risk of it collapsing, so quickly evacuate outside the area.

**If it is difficult to evacuate outside the warning area**

Evacuate to the second floor or higher of a nearby sturdy building.

Evacuate to a safer place in your house, such as a room on the second floor away from the cliff.



# Think about Evacuation Actions and Evacuation Destinations

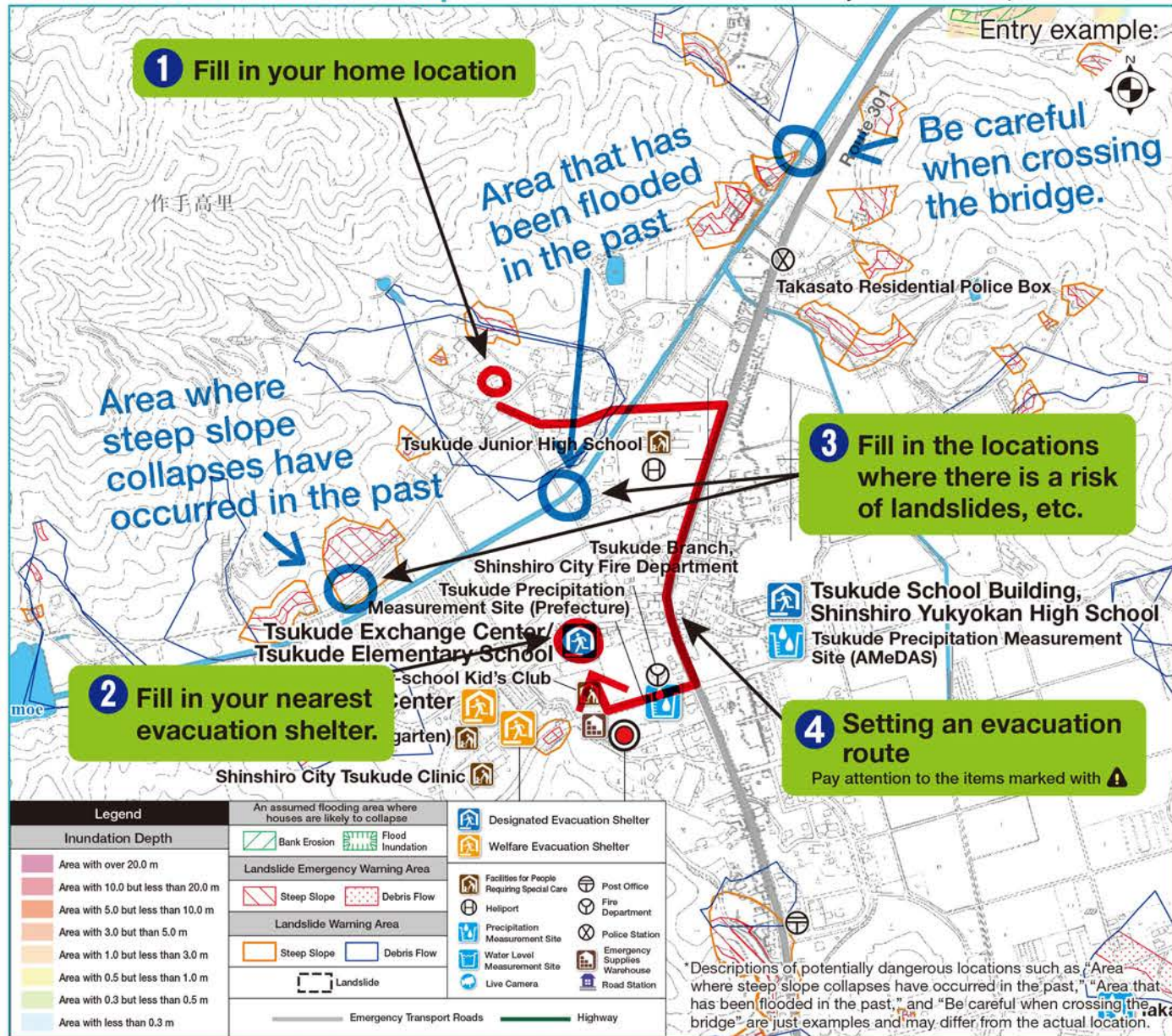
## Create Our Own Disaster Prevention Map

"How to Create Our Own Disaster Prevention Map" is available on the Shinshiro City website.

<https://www.city.shinshiro.lg.jp/kurashi/kyukyu-bosai/hazard/map.html>



**Effective use of the Hazard Map** Write down evacuation methods on your Hazard Map in advance.



When setting an evacuation route, be careful of the following:

- ⚠ Avoid areas where there is a risk of landslides, floods, inundation, fallen trees, etc.
- ⚠ Landslides can occur along with flood disaster during heavy rains. When setting an evacuation route, be sure to avoid river bridges where the water level is likely to be high, underpasses that are likely to be submerged, and dangerous canals.

# Think about Evacuation Actions and Evacuation Destinations

## Create a Timeline for Our Family

"How to Create a My Timeline (Timeline for Our Family)" is available on the Shinshiro City website.

<https://www.city.shinshiro.lg.jp/kurashi/kyukyu-bosai/hazard/map.html>



If a weather-related disaster such as a typhoon or heavy rain is expected, it is important to take early action such as obtaining information in advance and evacuating before sunset. The timing of evacuation will differ for each person depending on the area around your home and weather conditions. "Create a Timeline for Our Family" so that you can take appropriate evacuation actions. (Table for Timeline for Our Family is on the last page.)

\* A timeline is created for each person in preparation for disasters such as typhoons, heavy rain, and torrential rain. Decide when to act, who will act, and what action will be taken in chronological order.

Entry example:

## My Timeline

### Evacuation Plan for Our Family or My Timeline

My and my family's evacuation actions

Creation date:

Level	Evacuation Information	Evacuation Site
Level 1	<b>Typhoon forecast/Possibility of Warnings</b> * Issued by the Japan Meteorological Agency <input type="checkbox"/> Check things to bring in an emergency. <input type="checkbox"/> Check your family's whereabouts and plans for the future. <input type="checkbox"/> Ask your relatives or friends to evacuate you. <input type="checkbox"/> Check meteorological information on TV or the Internet. <input type="checkbox"/> Discuss the timing of evacuation with your family and supporters.	
Level 2	<b>Heavy Rain/Flood/Flooding Advisory</b> * Issued by the Japan Meteorological Agency <input type="checkbox"/> Reconfirm evacuation sites and evacuation routes. <input type="checkbox"/> Check if your cell-phone is charged. <input type="checkbox"/> If you are to evacuate at level 3, prepare to begin evacuation.	
Level 3	<b>Evacuation of the Elderly, Etc.</b> * Issued by Shinshiro City <input type="checkbox"/> Check the status of evacuation sites, rainfall, etc. on TV, the Internet, or your cell-phone. <input type="checkbox"/> Begin evacuation with the issuance of Evacuation of the Elderly, Etc. <input type="checkbox"/> If you are to evacuate at level 3, notify your support person that you have evacuated. <input type="checkbox"/> If you are to evacuate at level 4, prepare to begin evacuation.	Evacuation site ( Evacuation to XX's home )
Level 4	<b>Evacuation Instructions</b> * Issued by Shinshiro City <input type="checkbox"/> Check the latest situation on TV or the Internet. <input type="checkbox"/> Begin evacuation with the issuance of Evacuation Instructions. <input type="checkbox"/> Notify your family and supporters that you have evacuated. <input type="checkbox"/> Evacuation completed.	Evacuation site ( XXX Junior High School )
Level 5	<b>Emergency Safety Measures</b> Danger to life Protect yourself immediately * Issued by Shinshiro City As a disaster has already occurred or is likely to occur in the city, take immediate action to protect your life by moving to an upper floor or higher location of your home where the risk of flooding is lower and where there is less risk of landslides!	

### Contact information and methods for family and supporters

Name	Phone number	Main places of stay other than home (work/school)	Meeting place and contact method in case of emergency, etc.
Taro Shinshiro	0536-12-3456	●● Co., Ltd.	
Hanako Shinshiro	0536-45-6789		
Ichiro Shinshiro	0536-56-7890	●● School	

### Prepare emergency items

Things to put in your emergency bag	What you need depending on your family structure	Necessities for evacuation
<input type="checkbox"/> Portable radio <input type="checkbox"/> Mobile battery <input type="checkbox"/> Flashlight (with spare batteries) <input type="checkbox"/> Candles (thick and stable) <input type="checkbox"/> First-aid medicine (Sterile adhesive tape, gauze, bandages, triangular bandage, wound disinfectant, antipyretic, digestive medicine, cold medicine, eye drops, etc.)	Example: household medicines, etc. <input type="checkbox"/> XX (drug name), cane, etc. <input type="checkbox"/> Sanitary items, diapers, etc. <b>Convenient things to have</b> <input type="checkbox"/> Blankets/sleeping bags <input type="checkbox"/> Portable gas stove <input type="checkbox"/> Pocket warmers	<input type="checkbox"/> Rain gear (raincoat) <input type="checkbox"/> Gloves <input type="checkbox"/> Helmet (fire-proof hood) <input type="checkbox"/> Hazard Map <input type="checkbox"/> Valuables (Bank passbook, health insurance card, driver's license, etc.) <input type="checkbox"/> Cash (including 10-yen coins for public telephones)

Published by Shinshiro City (令和6年3月作成)

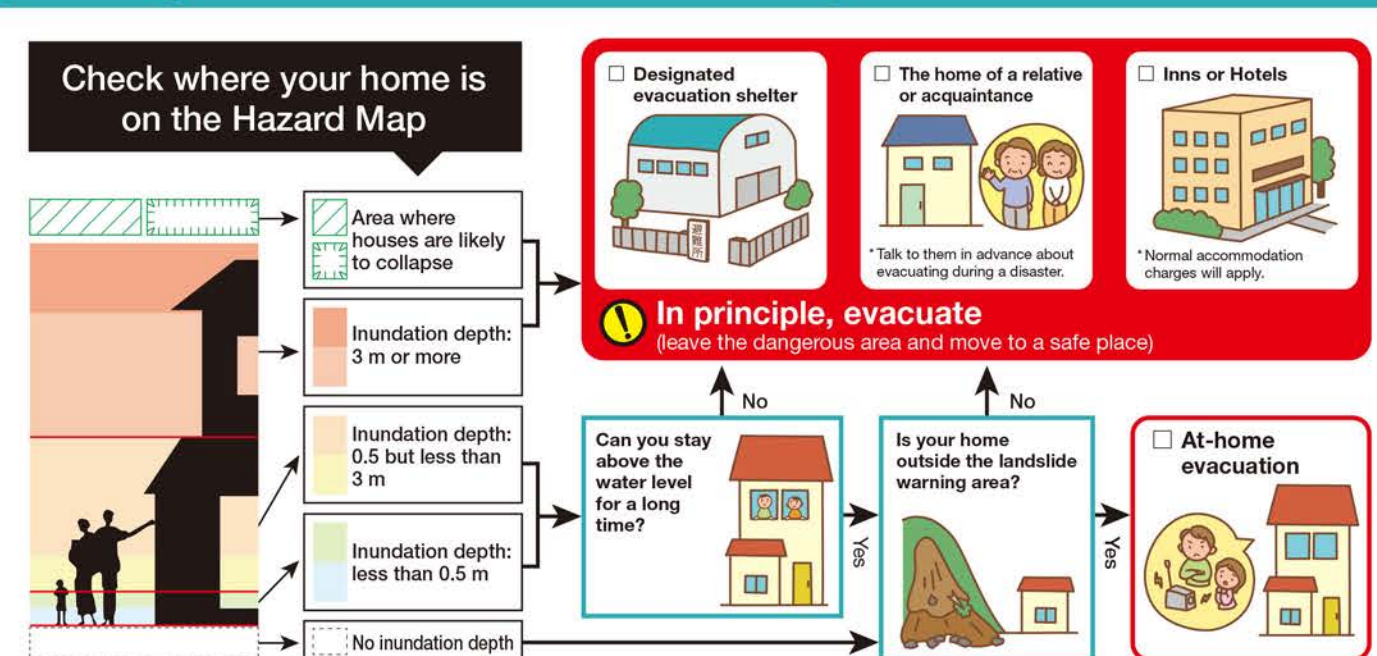


## Alert level and Evacuation Information

Meteorological information, etc. (Issued by the Japan Meteorological Agency)	Alert level	Evacuation information, etc.	Action to take
	level 1	<b>Possibility of Warnings</b> (Issued by the Japan Meteorological Agency) Risk of weather worsening	Check upcoming meteorological information. Increase your preparedness for disasters by paying attention to the latest disaster prevention meteorological information, etc.
<b>Alert Level 2 equivalent information</b> Heavy Rain or Flood Advisory Information calling attention to flooding	level 2	<b>Heavy Rain or Flood Advisory</b> (Issued by the Japan Meteorological Agency) Weather worsening	Check your own evacuation actions. Check areas where a disaster is expected, evacuation destinations, and evacuation routes using Hazard Maps.
<b>Alert Level 3 equivalent information</b> Heavy Rain Warning Flood Warning Information to provide a warning on flooding	level 3	<b>Evacuation of the Elderly, Etc.</b> (Issued by Shinshiro City) Risk of disaster	Elderly people should evacuate from dangerous places. People other than the elderly should also prepare to evacuate or voluntarily evacuate by suspending their usual activities using river water level information. * Elderly people, etc.: people who need time to evacuate (elderly people, people with disabilities, pregnant women, infants, etc.) and their supporters
<b>Alert Level 4 equivalent information</b> Landslide Warning area information Information on potential flood hazards	level 4	<b>Evacuation Instructions</b> (Issued by Shinshiro City) Risk of disaster	All citizens should evacuate from dangerous places. The situation is comparable to when major disasters occurred in the past. Make sure to complete your evacuation by this stage.
<b>Alert Level 5 equivalent information</b> Heavy Rain Emergency Warning Information on flooding	level 5	<b>Emergency Safety Measures</b> (Issued by Shinshiro City) Disaster occurrence/Disaster impending	<b>Danger to life Protect yourself immediately.</b> There is a high possibility that some type of disaster has already occurred. Ensure your safety immediately as your life is in danger.

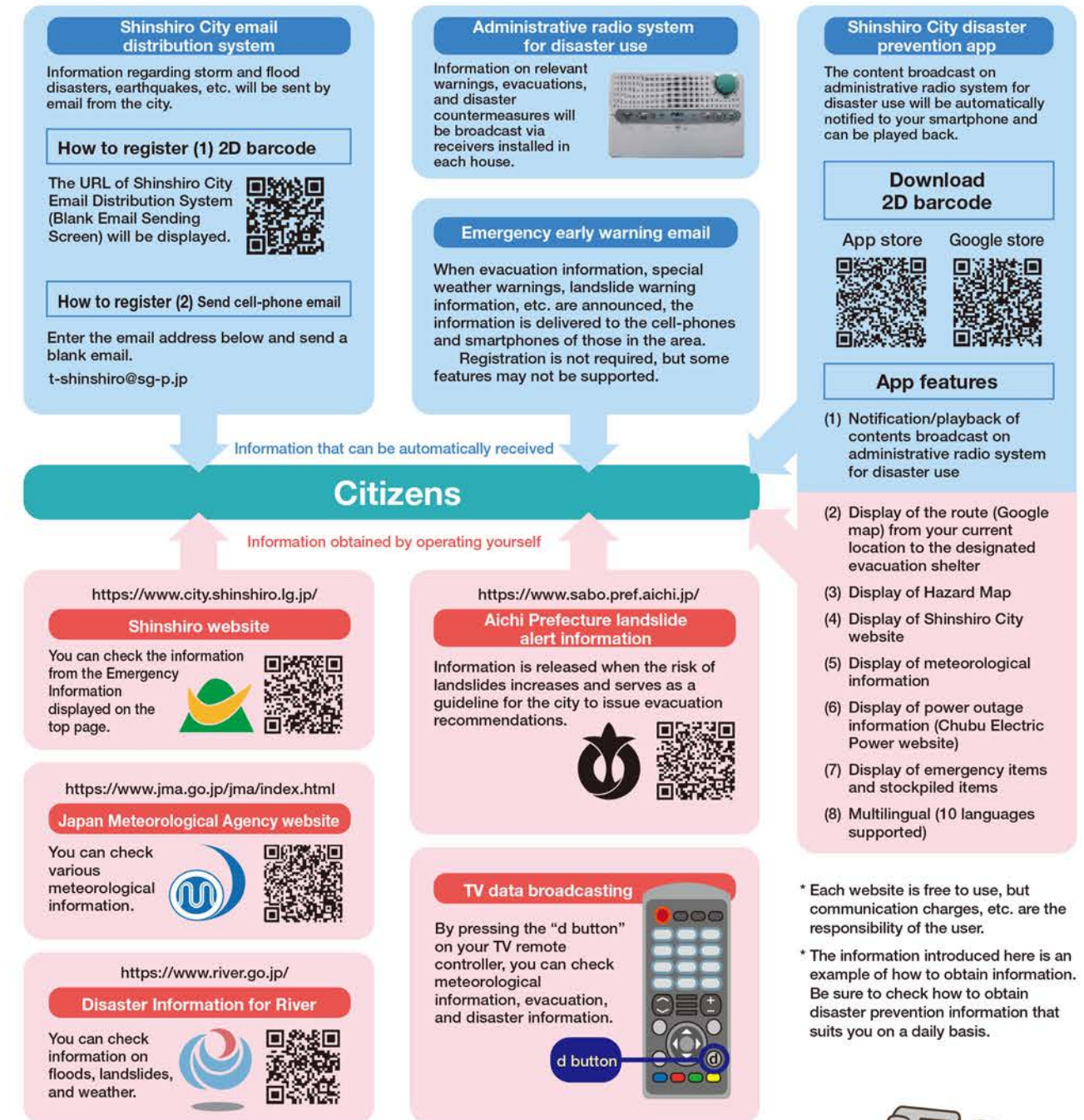
Be sure to evacuate by alert level 4!

## Evacuation Actions Judgment Flow (during Floods and Landslides)



## Get the Information You Need

When a disaster occurs, various tools are used to disseminate information useful for making action decisions. Still, it is important to gather information yourself and use it to take appropriate evacuation actions, with the awareness that you are responsible for protecting your own life.



\* Each website is free to use, but communication charges, etc. are the responsibility of the user.

\* The information introduced here is an example of how to obtain information. Be sure to check how to obtain disaster prevention information that suits you on a daily basis.

## Check how to confirm safety in the event of a disaster.





# Be Prepared for Disasters

In preparation for disasters that may occur at any time, think about whether there are any dangerous areas nearby. It is also important to actively participate in disaster prevention drills held in your community and be prepared for emergencies.

## Check the Hazard Map

Check in advance if there are any dangerous areas nearby and where evacuation shelters are located.



While referring to page 5 of this Hazard Map, "Think about Evacuation Actions and Evacuation Destinations -Create Our Own Disaster Prevention Map-" and page 6, "Think about Evacuation Actions and Evacuation Destinations -Create a Timeline for Our Family-," discuss evacuation processes with your family members.

## Help each other when in trouble

Communicate with local residents on a daily basis and cooperate with them to confirm their safety and provide evacuation support to the extent that it is reasonable.



Shinshiro City is accepting registrations from people who wish to receive support based on the Shinshiro City Disaster Evacuation Support System for People Requiring Assistance during Disasters. This is a system that allows people who are unable to evacuate alone and require some kind of assistance to smoothly receive support from the local community in the event of a disaster or the threat of a disaster occurring.

## Participate in disaster prevention drills

In preparation for disasters, participate in local disaster prevention drills and strive to improve your disaster-prevention abilities.



In Shinshiro City, voluntary disaster prevention associations are organized in all administrative districts of the city. In addition to disaster prevention drills, actively participate in voluntary disaster prevention meetings.



## Disaster Evacuation Support System for People Requiring Assistance during Disasters

<https://www.city.shinshiro.lg.jp/kurashi/kyukyu-bosai/sonaeru/hinan-shien.html>

# Measures to Limit Damage

To prevent damage to your home due to storm and flood disasters, perform inspections and maintenance around your home on a daily basis.

## Roof

Are there any cracks, breaks, or outward turned roof tiles or a galvanized-iron roof? Reinforce the roof if necessary.

## Balcony

Bring indoors anything that could be blown away by the wind, such as flowerpots and poles for drying clothes.

## Window glass/storm shutters

Close the window firmly and check for cracks or wobbling in the window frame. If necessary, cover from the outside with a board or the like.



## Exterior wall

Are there any cracks in the exterior wall? If the wall is made of wood, is there any rot or looseness?

## Block wall

Are there any cracks or damage?

## Entrance

Install sandbags and water stops to prevent rainwater from entering.

## Things around your house

Are the propane gas cylinders firmly fixed? Bring indoors in advance anything that could be blown away by the wind, such as flowerpots and bicycles.

## Street gutters

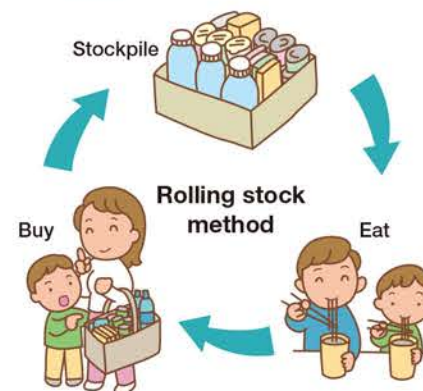
If clogged, it can cause road flooding and inundation. Clean them regularly.

# Stockpile for Disaster

When a major disaster occurs, it may be difficult to obtain food and other supplies due to logistics being halted or retail stores being damaged. When preparing your stockpile for disaster, instead of preparing special items for disaster prevention, try to stock up on items that are used in your daily life as much as possible.

## Rolling stock

This is a stockpiling method in which you buy a little more of the food you usually eat, eat the items with the closest expiration date, and replenish what you eat.



You can naturally prevent stored food from expiring without any effort or waste.

## Distributed stockpiling

This is a method of storing food and other items in different locations in your home. Even if one room is damaged due to an earthquake or flooding, you can survive with supplies stored in another room.



# Emergency Items

In the event of a disaster, it is expected that it will be difficult to obtain supplies due to logistics being halted or retail stores being damaged. Prepare (stockpile) necessary supplies during normal times and keep them together so that they can be taken out quickly in an emergency.



## Emergency food

- ☐ Drinking water
- ☐ Hardtack
- ☐ Canned goods
- ☐ Biscuits
- ☐ Infant formula
- ☐ Baby food
- ☐ Instant foods, etc.



## Clothing

- ☐ Clothing appropriate for the season
- ☐ Socks
- ☐ Underwear
- ☐ Work gloves
- ☐ Towels
- ☐ Blankets
- ☐ Raincoat
- ☐ Disposable diapers, etc.



## Medicines, hygiene products, etc.

- ☐ Medicines (household medicines, eye drops, etc.)
- ☐ Contact lens
- ☐ Sanitary items
- ☐ Toilet articles
- ☐ Tissues
- ☐ Dentures
- ☐ Rubbing alcohol
- ☐ Mask
- ☐ Soap, etc.



## Valuables and others

- ☐ Cash
- ☐ Bank passbook
- ☐ Driver's license
- ☐ Health insurance card
- ☐ Physical disability certificate
- ☐ Seal
- ☐ Maternal and child health handbook
- ☐ Portable radio
- ☐ Flashlight (batteries)
- ☐ Mobile battery, etc.





# Designated evacuation shelters and welfare evacuation shelters

## Designated evacuation shelters: Tsukude District

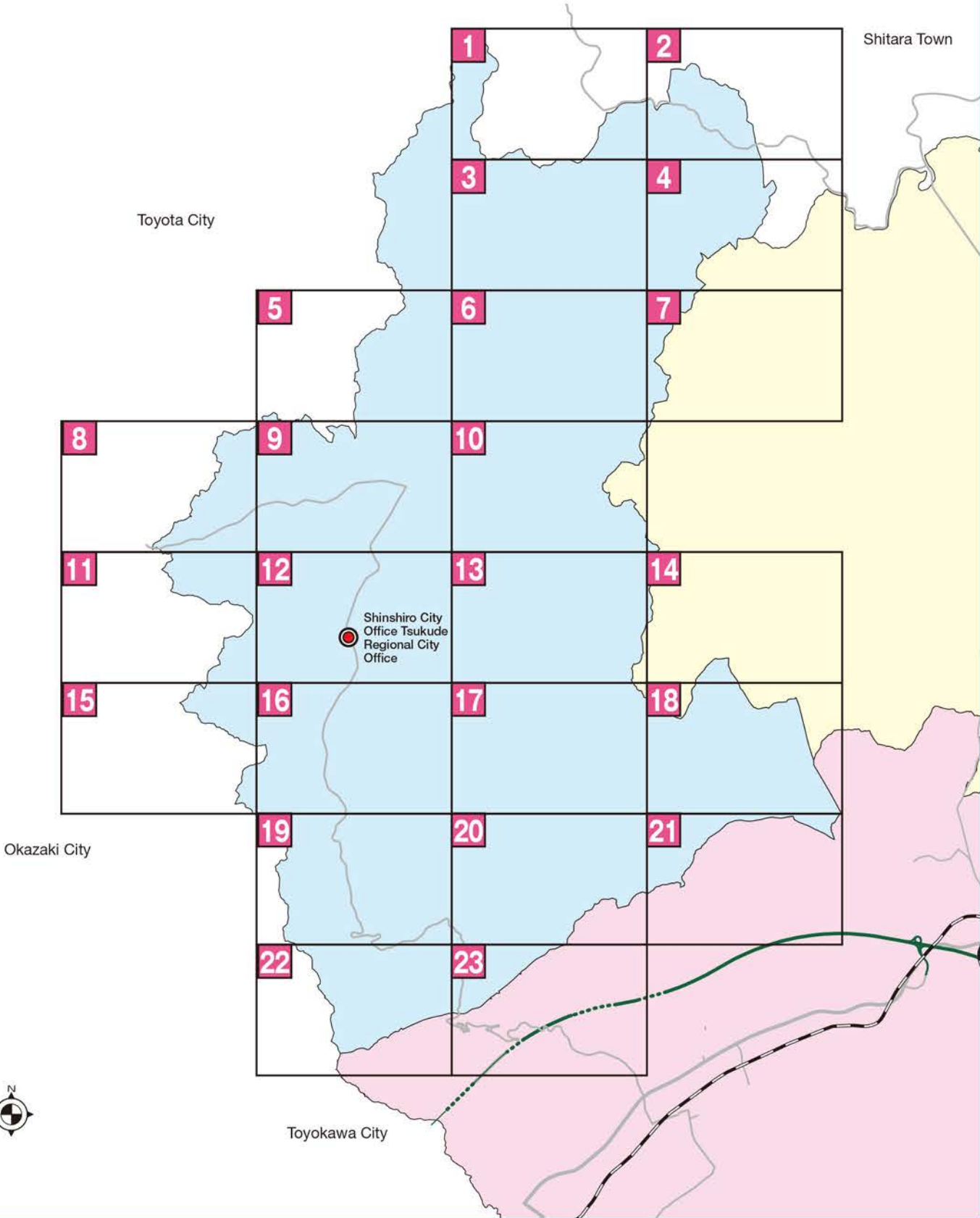
Evacuation shelters	Address	Division map No.
Tsukude Rural Village Multipurpose Shared Use Facility	18 Aza Manze, Tsukude suganuma	6
Former Kaisei Elementary School	3 Aza Honokibashi, Tsukude tabara	9 12
Tsukude School Building, Shinshiro Higashi High School	1-2 Aza Kidoguchi, Tsukude takasato	12
Former Tomoe Elementary School	9 Aza Kokomesawa, Tsukude kiyooka	12 16
Tsukude Rural Environment Improvement Center	9-7 Kakidaira, Tsukude takamatsu	17 20
Tsukude Exchange Center Tsukude Elementary School	28-1 Aza Nawatekami, Tsukude takasato 32 Aza Nawatekami, Tsukude takasato	12

## List of Welfare Evacuation Shelters: Tsukude District

Evacuation shelters	Address	Division map No.
Elderly Welfare Center Niji-no-Sato	22 Aza Nawatekami, Tsukude takasato	12
Tsukude Childcare Support Center	20-1 Aza Nawatekami, Tsukude takasato	12

# Flood and Landslide Hazard Map Framework

The Landslide Hazard Map: Tsukude District is divided into 23 sheets.  
Check the division map No. that applies to your home or evacuation site.





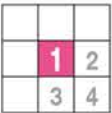


Legend (Roads)

Emergency Transport Roads

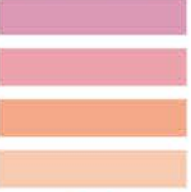
Highway

1 : 10,000



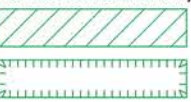
Areas requiring early evacuation

Areas where inundations are expected to be 3.0 m or more



Or

Areas where houses may collapse as it is an assumed flooding area where houses are likely to collapse (bank erosion or flood inundation).



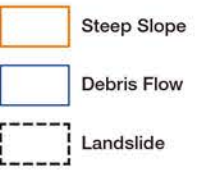
Expected depths of water in the event of an inundation (by rank)



An assumed flooding area where houses are likely to collapse



Landslide Warning Area



Landslide Emergency Warning Area



Shitara Town

Route 420

Tokaizu River

Legend (evacuation shelters)



Legend (other facilities)



Fire Department

Post Office

Police Station

Emergency Supplies Warehouse

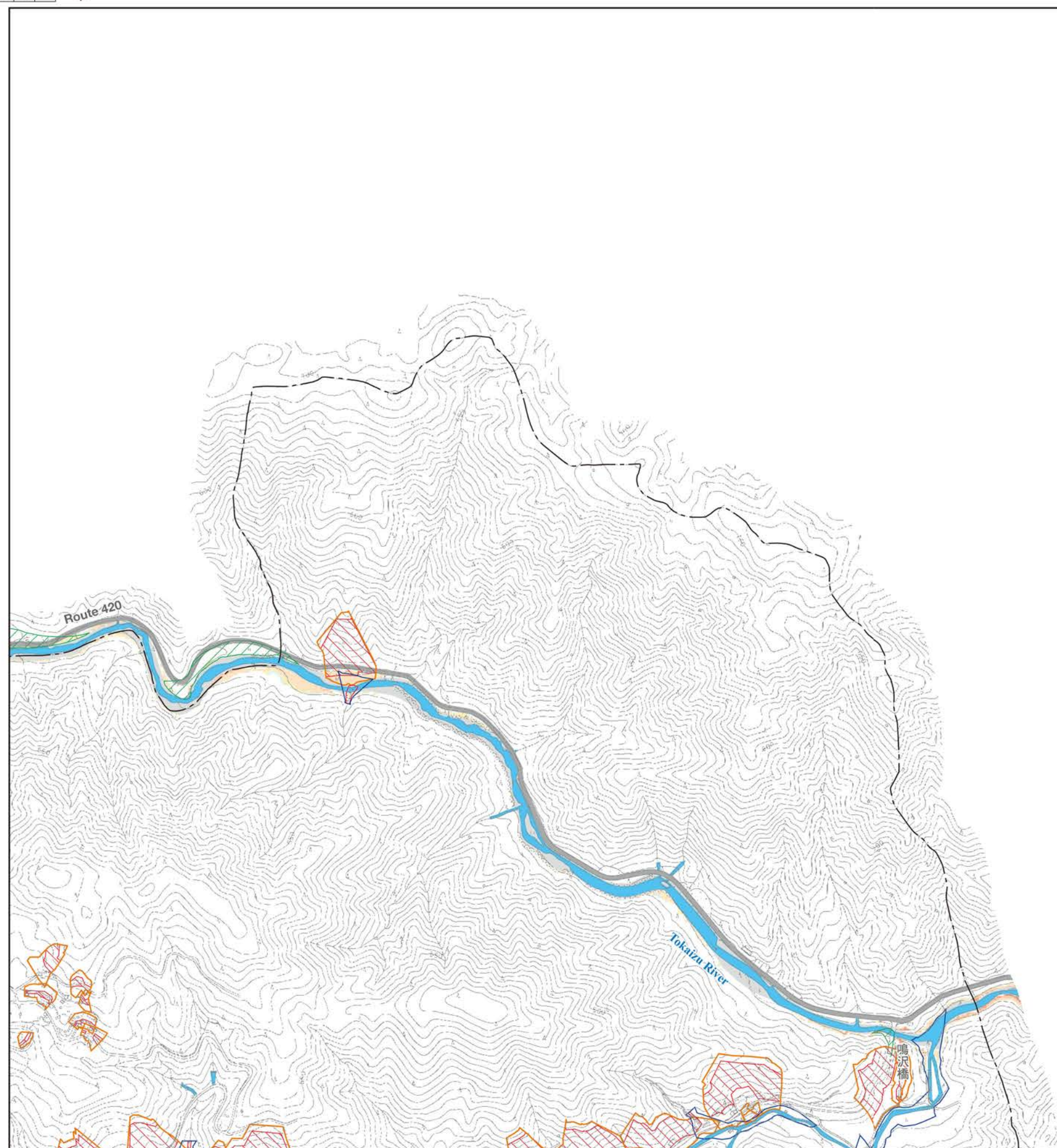
Precipitation Measurement Site

Water Level Measurement Site

Live Camera

Road Station





Shitara Town

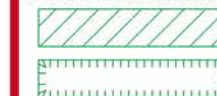
### Areas requiring early evacuation

Areas where inundations are expected to be 3.0 m or more

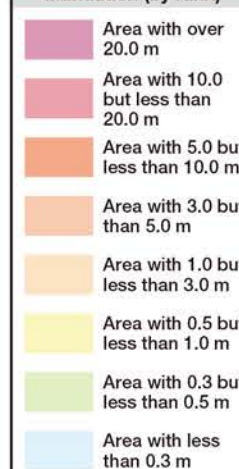


Or

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### Expected depths of water in the event of an inundation (by rank)



### An assumed flooding area where houses are likely to collapse



### Landslide Warning Area



### Landslide Emergency Warning Area



In preparing this hazard map, the urban planning map published by the Shinshiro City Government was used with the consent of the mayor of the City.







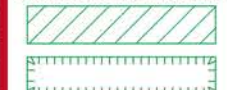
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Expected depths of water in the event of an inundation (by rank)



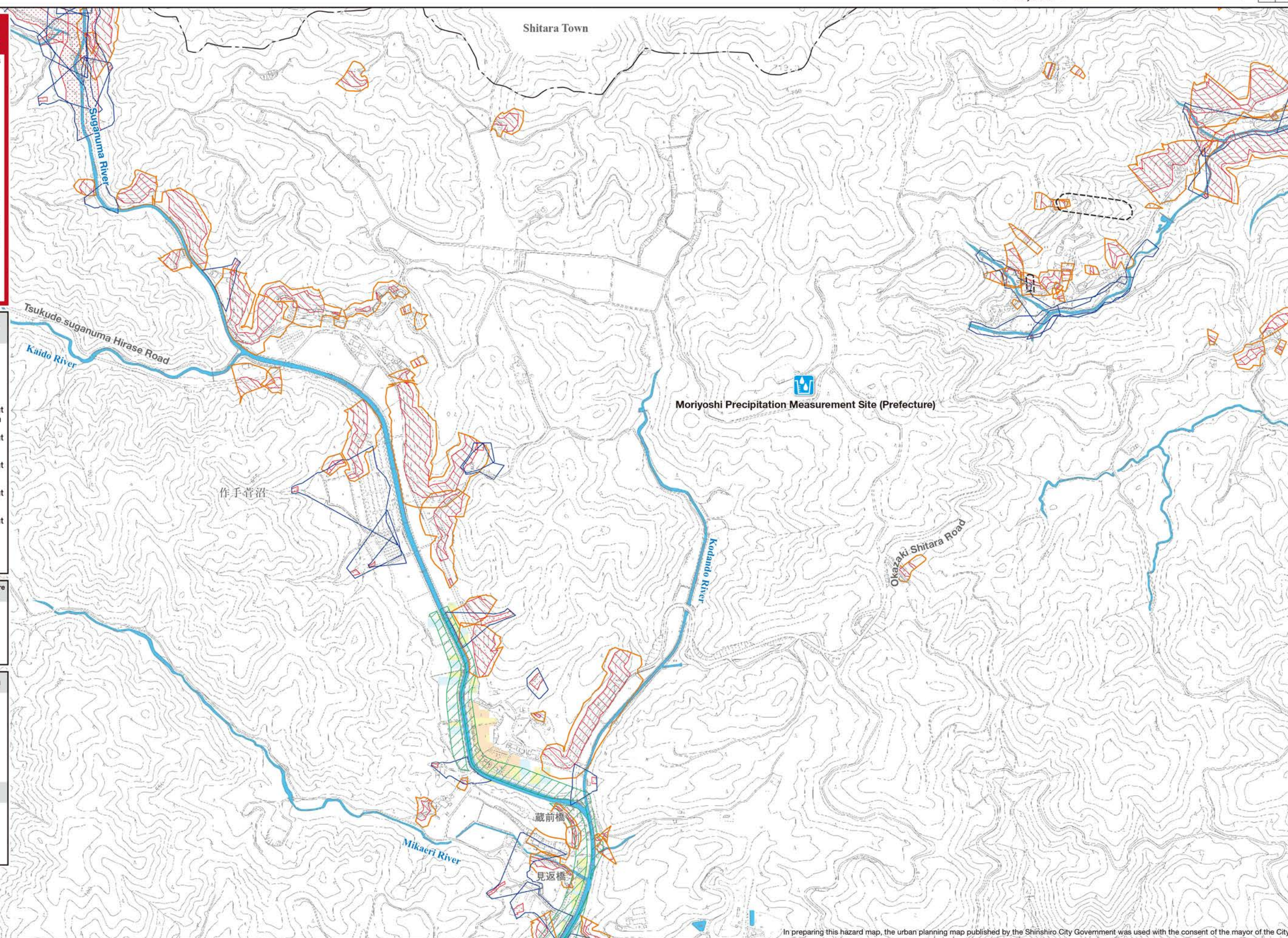
An assumed flooding area where houses are likely to collapse



Landslide Warning Area

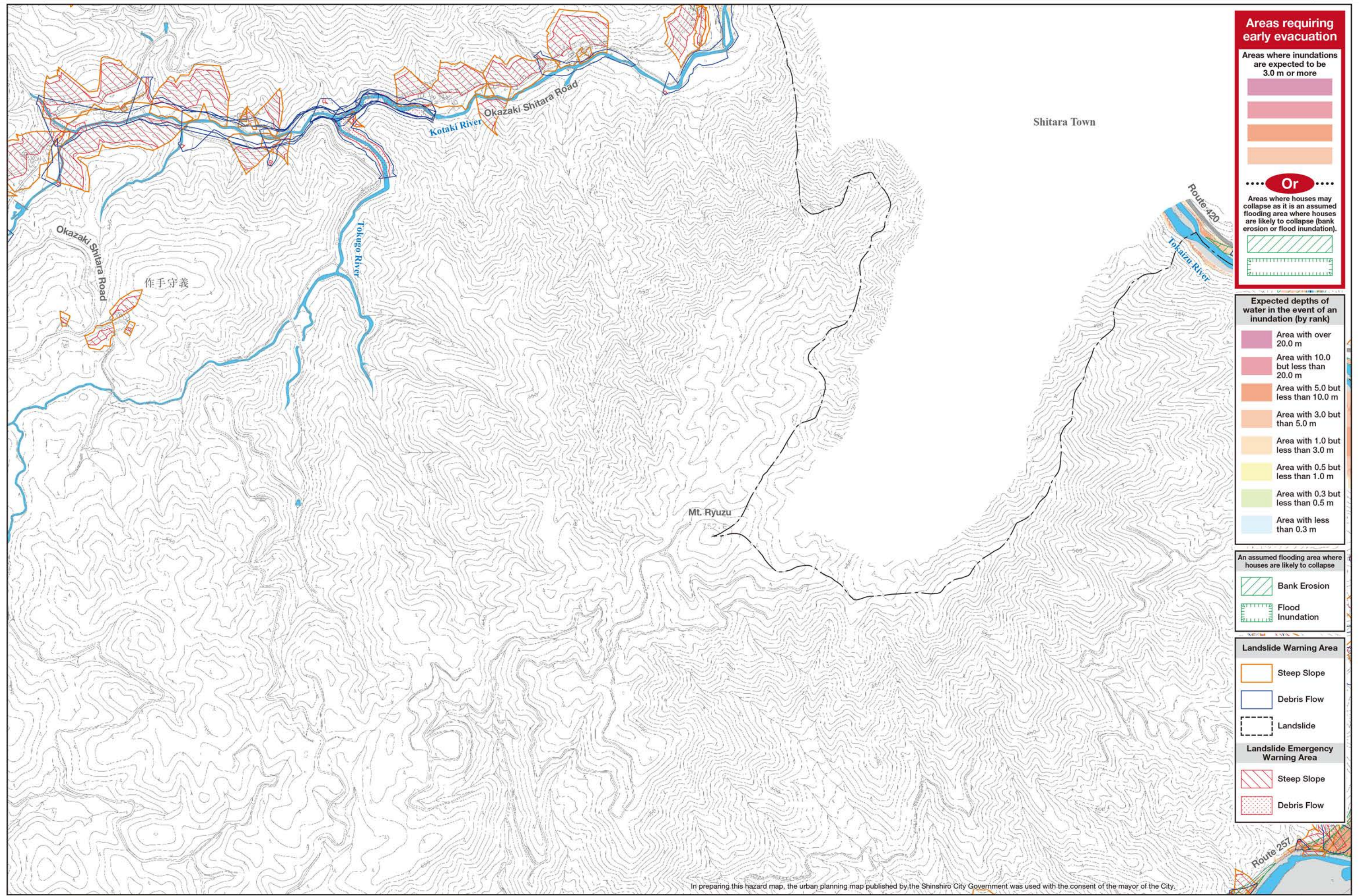


Landslide Emergency Warning Area



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**Areas requiring early evacuation**

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..... Or .....  
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**Expected depths of water in the event of an inundation (by rank)**

- Area with over 20.0 m
- Area with 10.0 but less than 20.0 m
- Area with 5.0 but less than 10.0 m
- Area with 3.0 but less than 5.0 m
- Area with 1.0 but less than 3.0 m
- Area with 0.5 but less than 1.0 m
- Area with 0.3 but less than 0.5 m
- Area with less than 0.3 m

**An assumed flooding area where houses are likely to collapse**

- Bank Erosion
- Flood Inundation

**Landslide Warning Area**

- Steep Slope
- Debris Flow
- Landslide

**Landslide Emergency Warning Area**

- Steep Slope
- Debris Flow

In preparing this hazard map, the urban planning map published by the Shinshiro City Government was used with the consent of the mayor of the City.





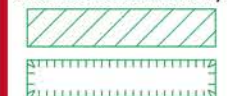
## Areas requiring early evacuation

Areas where inundations are expected to be 3.0 m or more



Or

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Expected depths of water in the event of an inundation (by rank)



An assumed flooding area where houses are likely to collapse



Landslide Warning Area

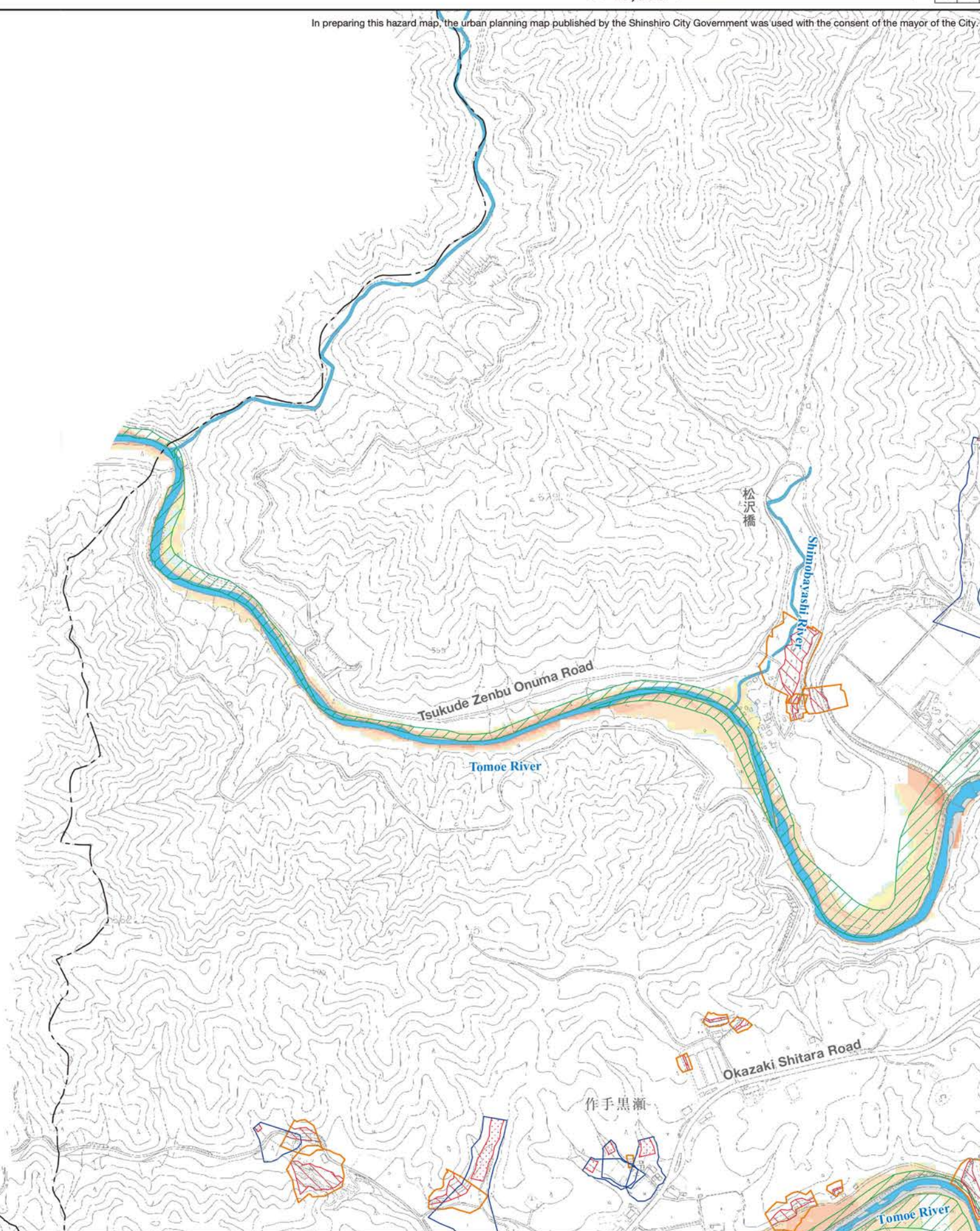


Landslide Emergency Warning Area



Toyota City

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### Areas requiring early evacuation

Areas where inundations are expected to be 3.0 m or more



..... Or .....

Areas where houses may collapse as it is an assumed flooding area where houses are likely to collapse (bank erosion or flood inundation).



### Expected depths of water in the event of an inundation (by rank)



### An assumed flooding area where houses are likely to collapse



### Landslide Warning Area

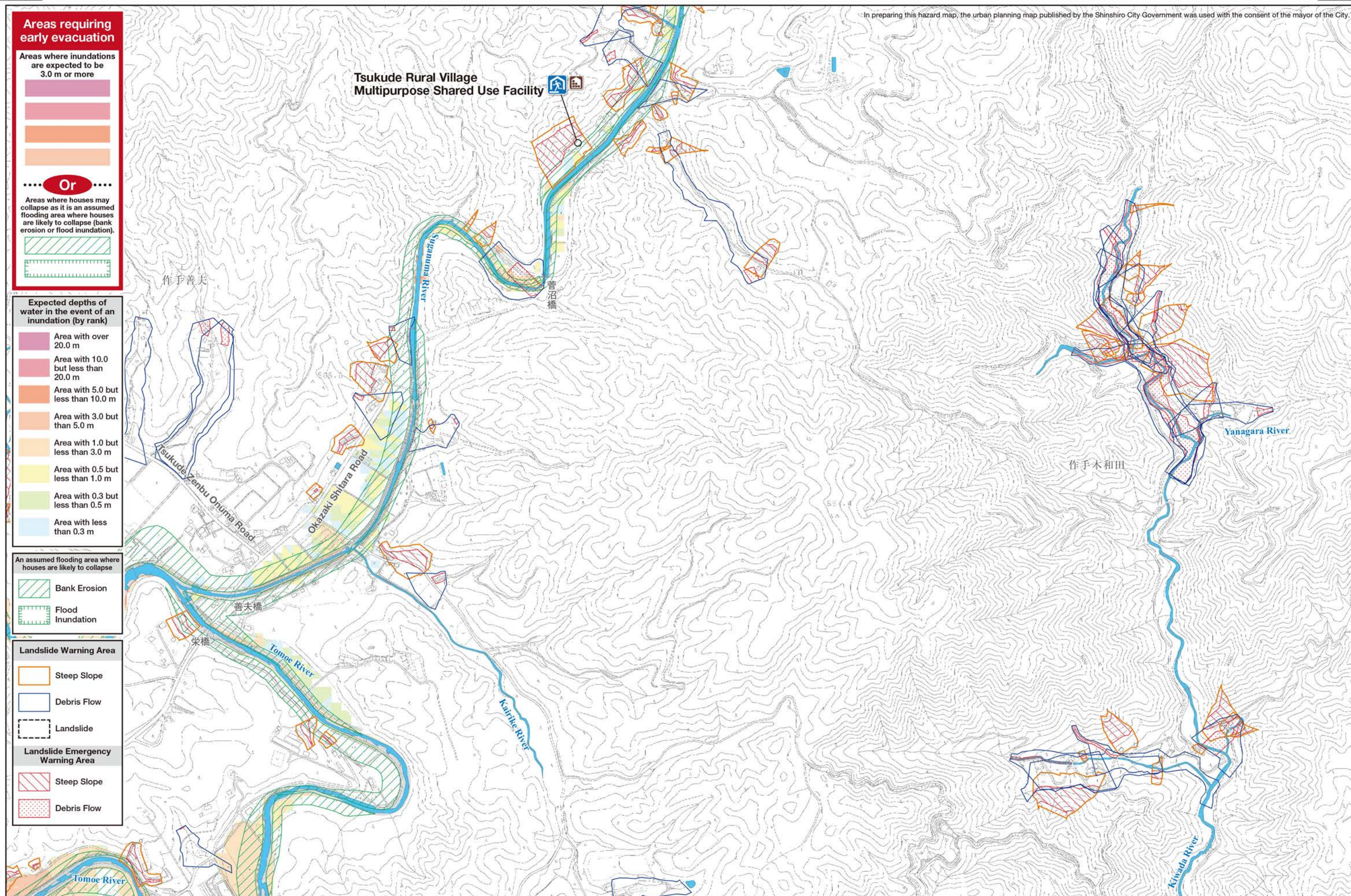


### Landslide Emergency Warning Area

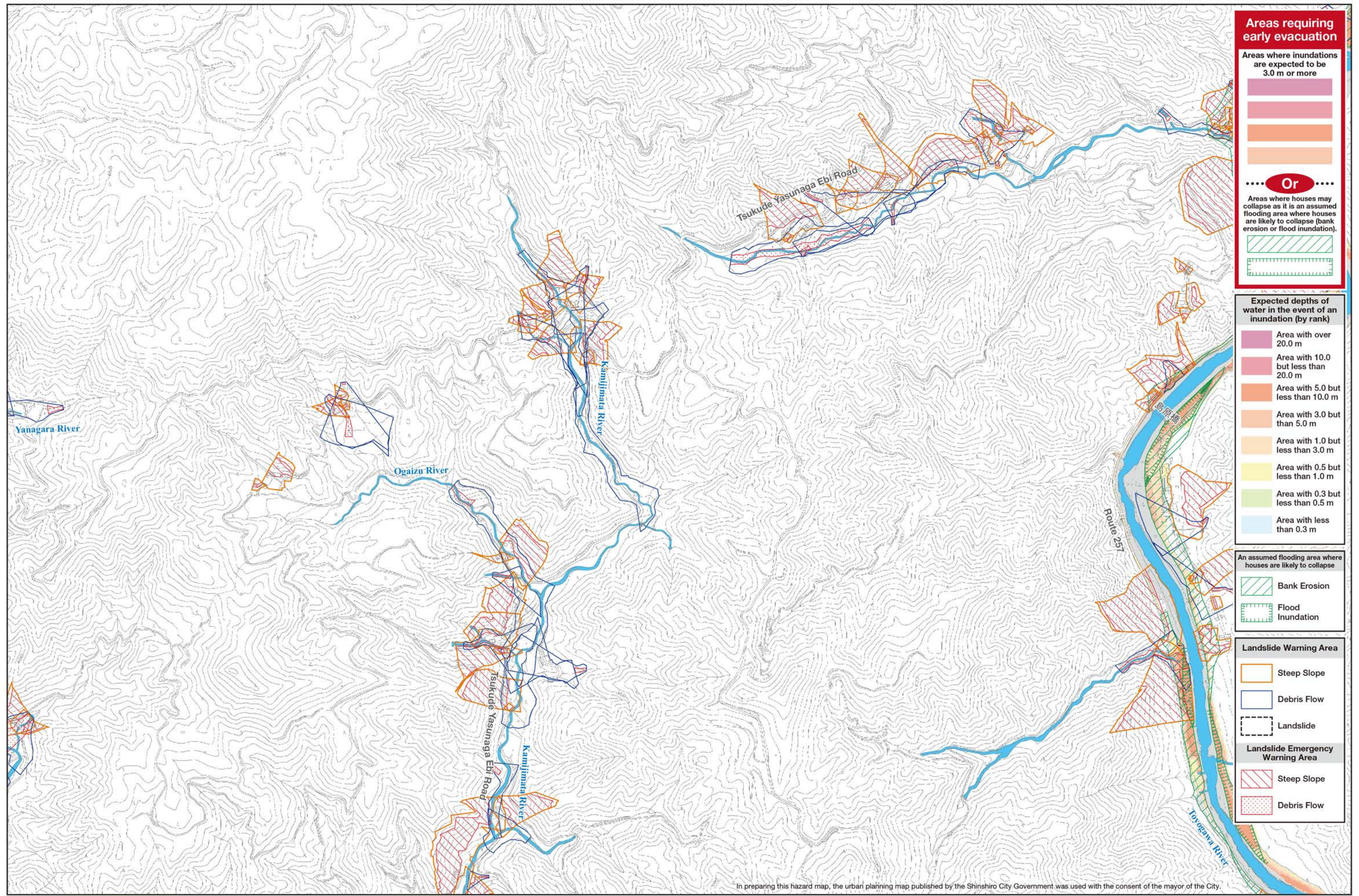


Tsukude Rural Village Multipurpose Shared Use Facility

In preparing this hazard map, the urban planning map published by the Shinshiro City Government was used with the consent of the mayor of the City.







**Areas requiring early evacuation**

Areas where inundations are expected to be 3.0 m or more

..... Or .....  
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**Expected depths of water in the event of an inundation (by rank)**

- Area with over 20.0 m
- Area with 10.0 but less than 20.0 m
- Area with 5.0 but less than 10.0 m
- Area with 3.0 but less than 5.0 m
- Area with 1.0 but less than 3.0 m
- Area with 0.5 but less than 1.0 m
- Area with 0.3 but less than 0.5 m
- Area with less than 0.3 m

**An assumed flooding area where houses are likely to collapse**

- Bank Erosion
- Flood Inundation

**Landslide Warning Area**

- Steep Slope
- Debris Flow
- Landslide

**Landslide Emergency Warning Area**

- Steep Slope
- Debris Flow

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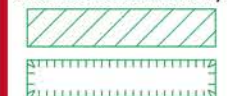
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Expected depths of water in the event of an inundation (by rank)



An assumed flooding area where houses are likely to collapse



Landslide Warning Area



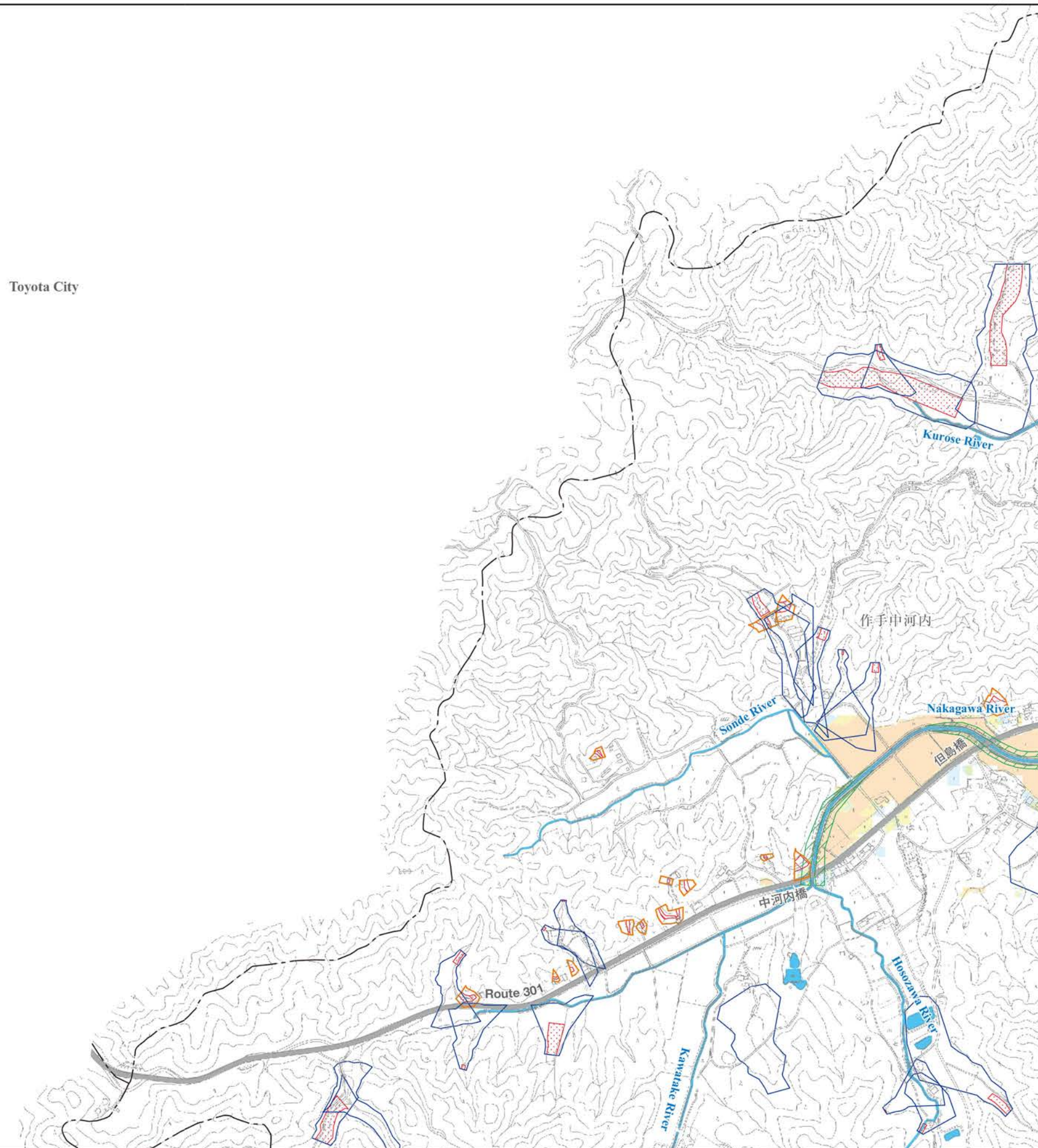
Landslide Emergency Warning Area



Okazaki City

In preparing this hazard map, the urban planning map published by the Shinshiro City Government was used with the consent of the mayor of the City.

Toyota City







### Areas requiring early evacuation

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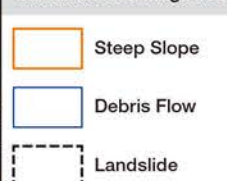
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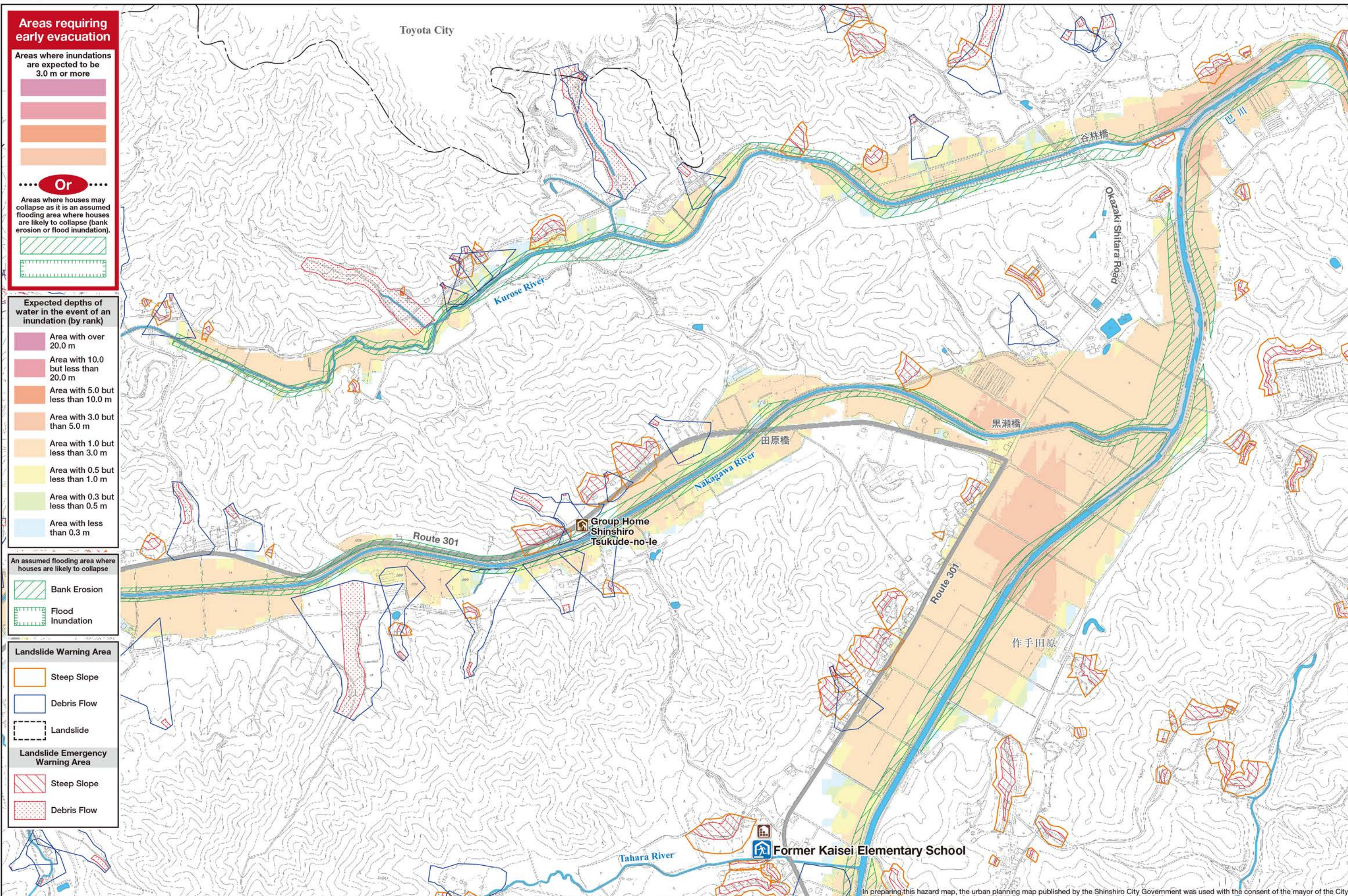
### An assumed flooding area where houses are likely to collapse



### Landslide Warning Area

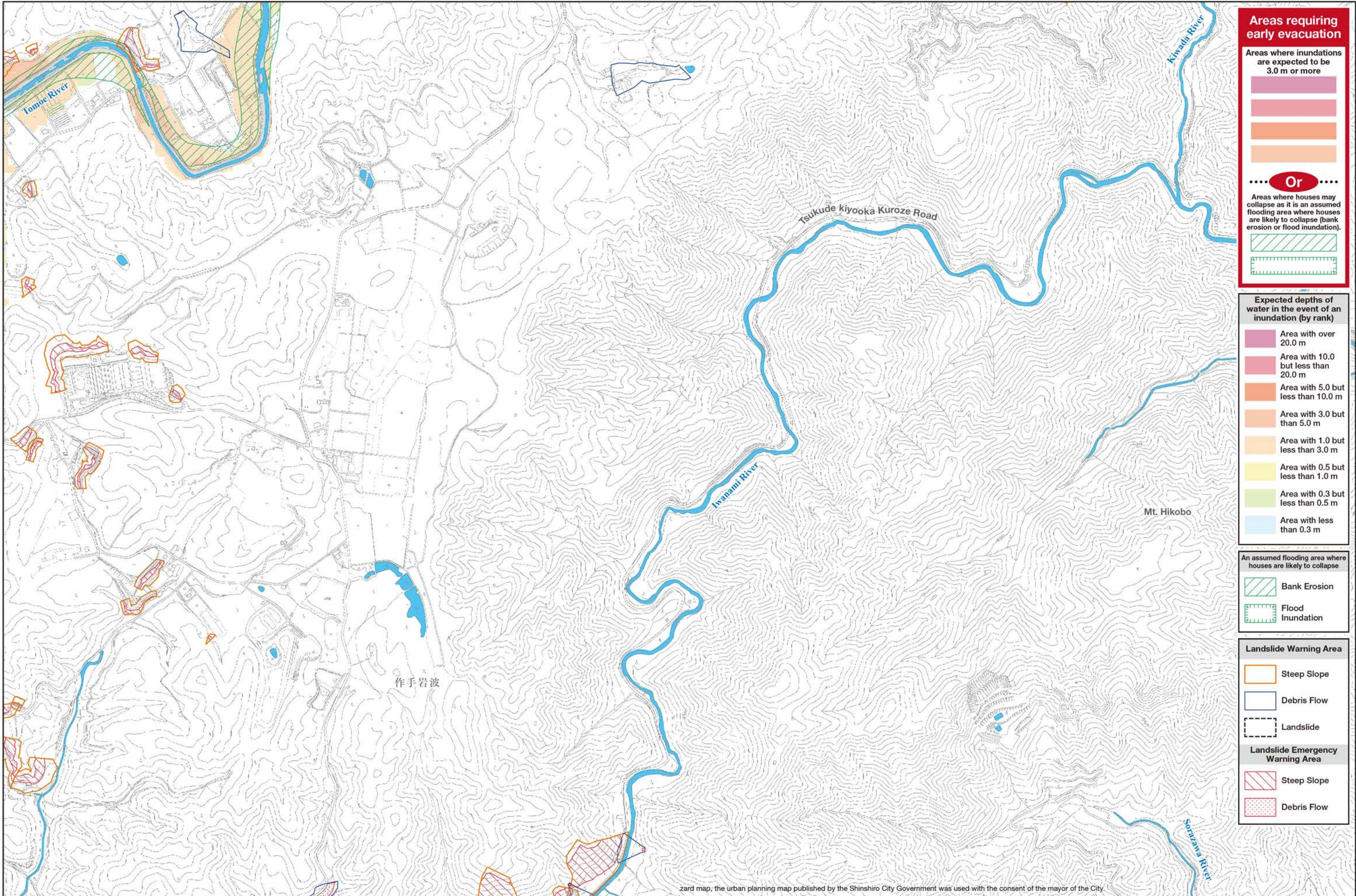


### Landslide Emergency Warning Area



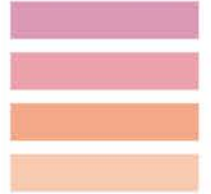
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Areas requiring early evacuation

Areas where inundations are expected to be 3.0 m or more



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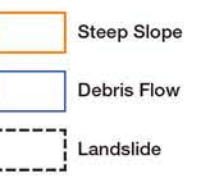
Expected depths of water in the event of an inundation (by rank)



An assumed flooding area where houses are likely to collapse



Landslide Warning Area



Landslide Emergency Warning Area



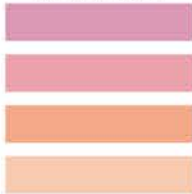
zard map, the urban planning map published by the Shinshiro City Government was used with the consent of the mayor of the City.





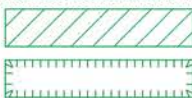
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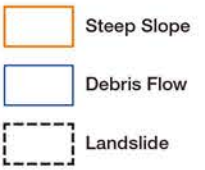
Expected depths of water in the event of an inundation (by rank)



An assumed flooding area where houses are likely to collapse



Landslide Warning Area



Landslide Emergency Warning Area



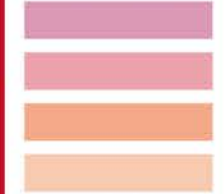
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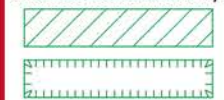
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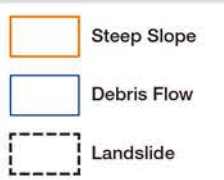
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### An assumed flooding area where houses are likely to collapse



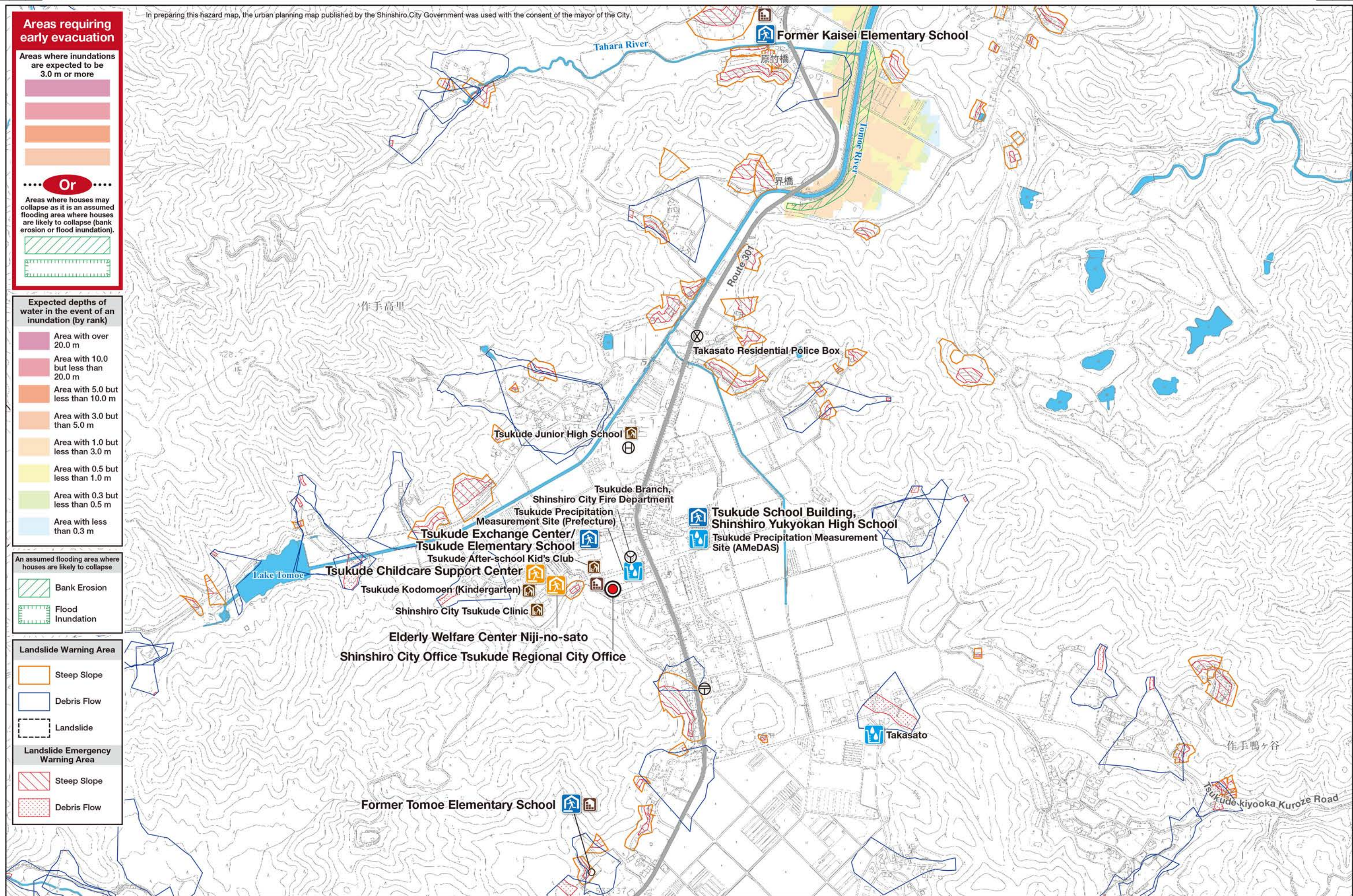
### Landslide Warning Area



### Landslide Emergency Warning Area



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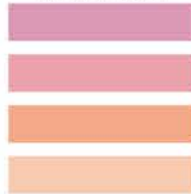




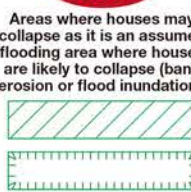


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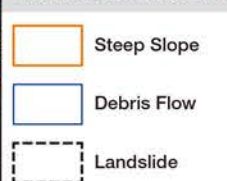
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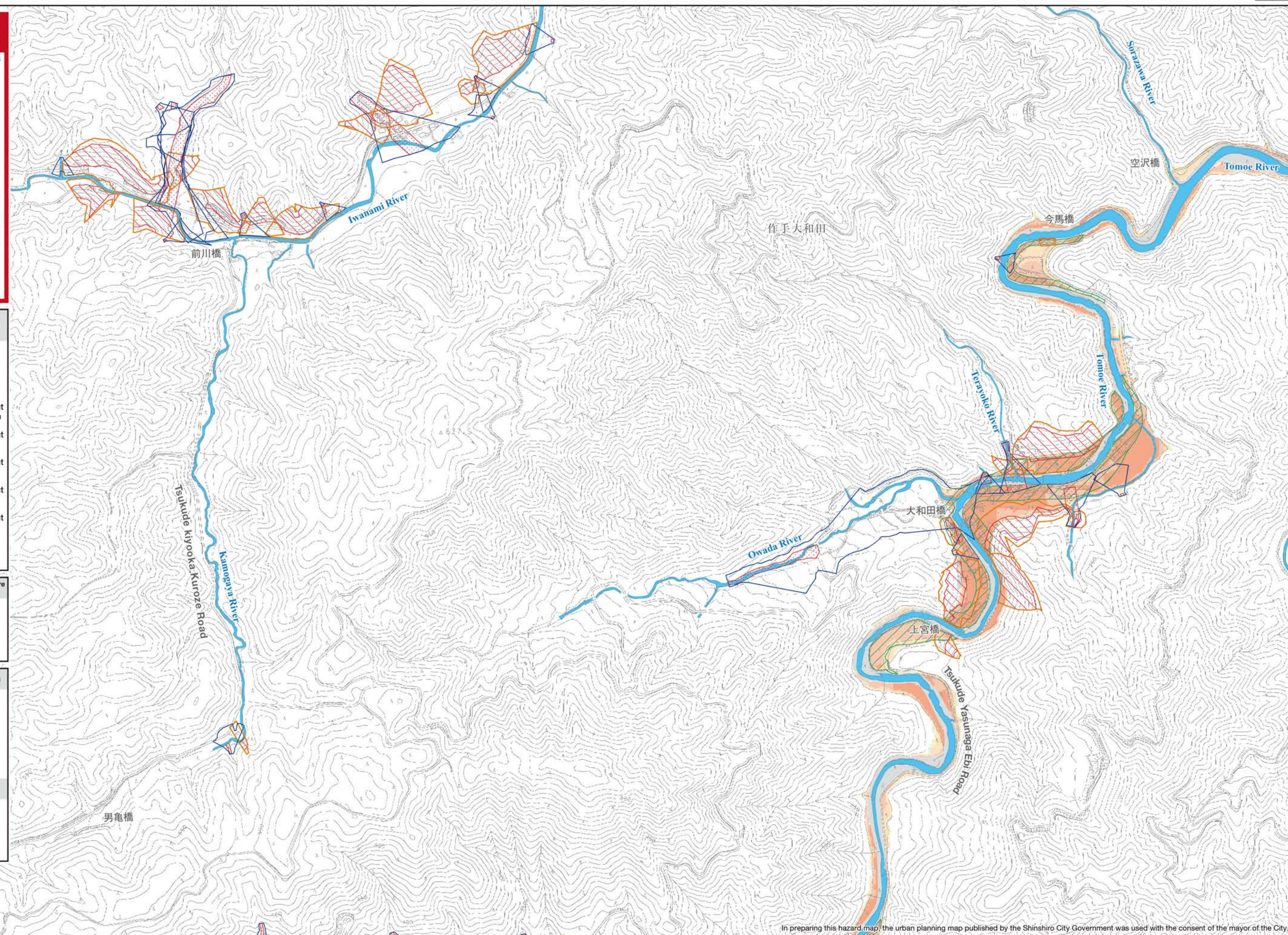
### An assumed flooding area where houses are likely to collapse



### Landslide Warning Area



### Landslide Emergency Warning Area



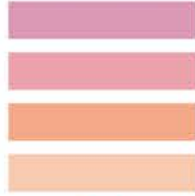
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### Areas requiring early evacuation

Areas where inundations are expected to be 3.0 m or more



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### Expected depths of water in the event of an inundation (by rank)



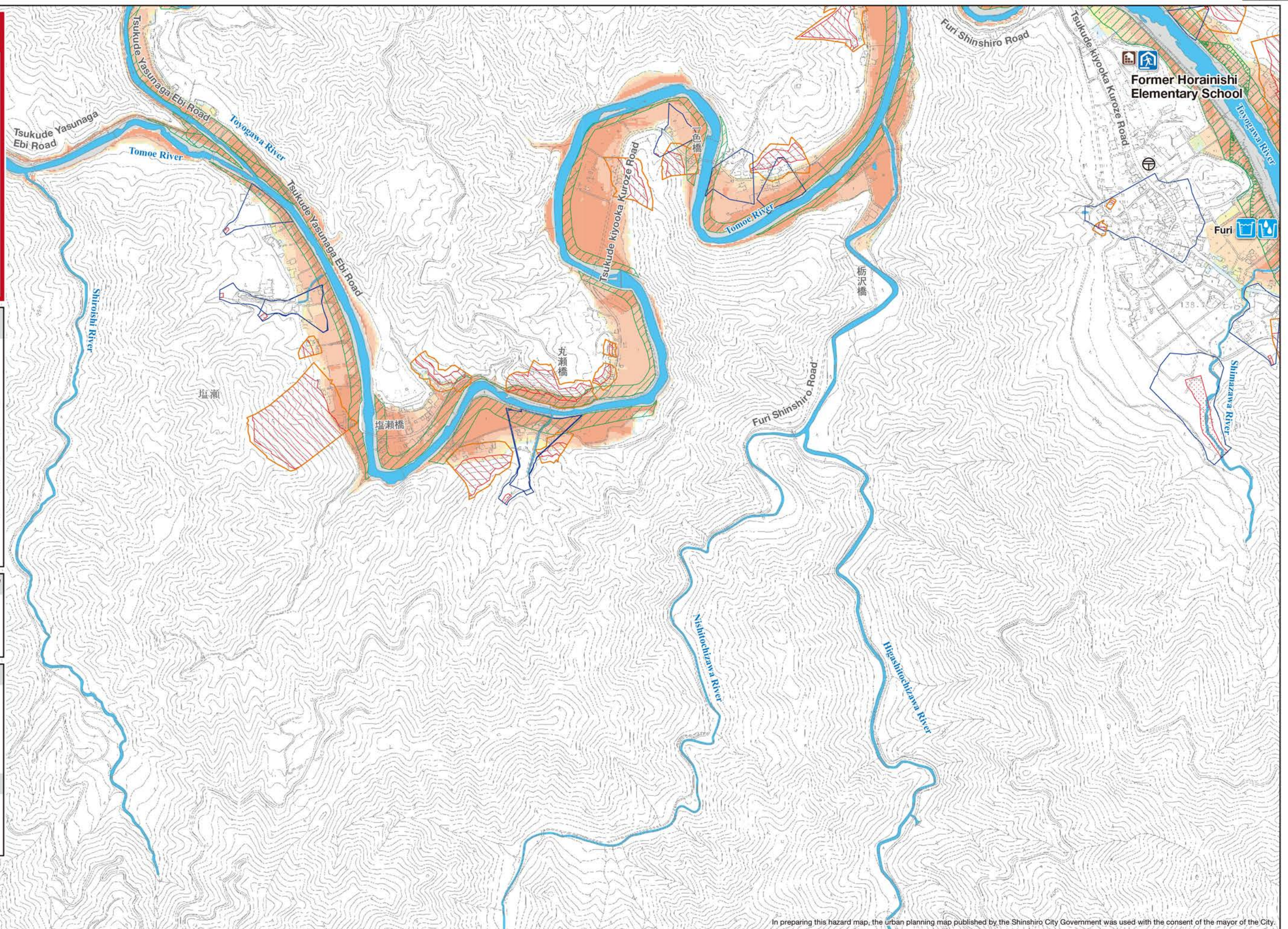
An assumed flooding area where houses are likely to collapse



### Landslide Warning Area



### Landslide Emergency Warning Area



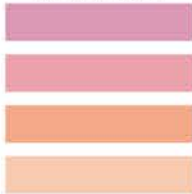
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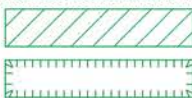
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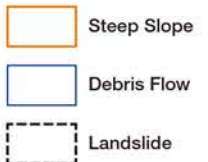
Expected depths of water in the event of an inundation (by rank)



An assumed flooding area where houses are likely to collapse



Landslide Warning Area



Landslide Emergency Warning Area



Okazaki City

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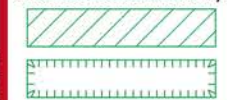
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Expected depths of water in the event of an inundation (by rank)



An assumed flooding area where houses are likely to collapse



Landslide Warning Area



Landslide Emergency Warning Area



Former Tomoe Elementary School



作手清岳

Road Station Tsukude Handmade Village



Tomoyama River

Furumiya River

Tsukude kiyooka Shinshiro Road

Okazaki Tsukude kiyooka Road

須山橋

Tomoe River

Route 301

Aitsuki River

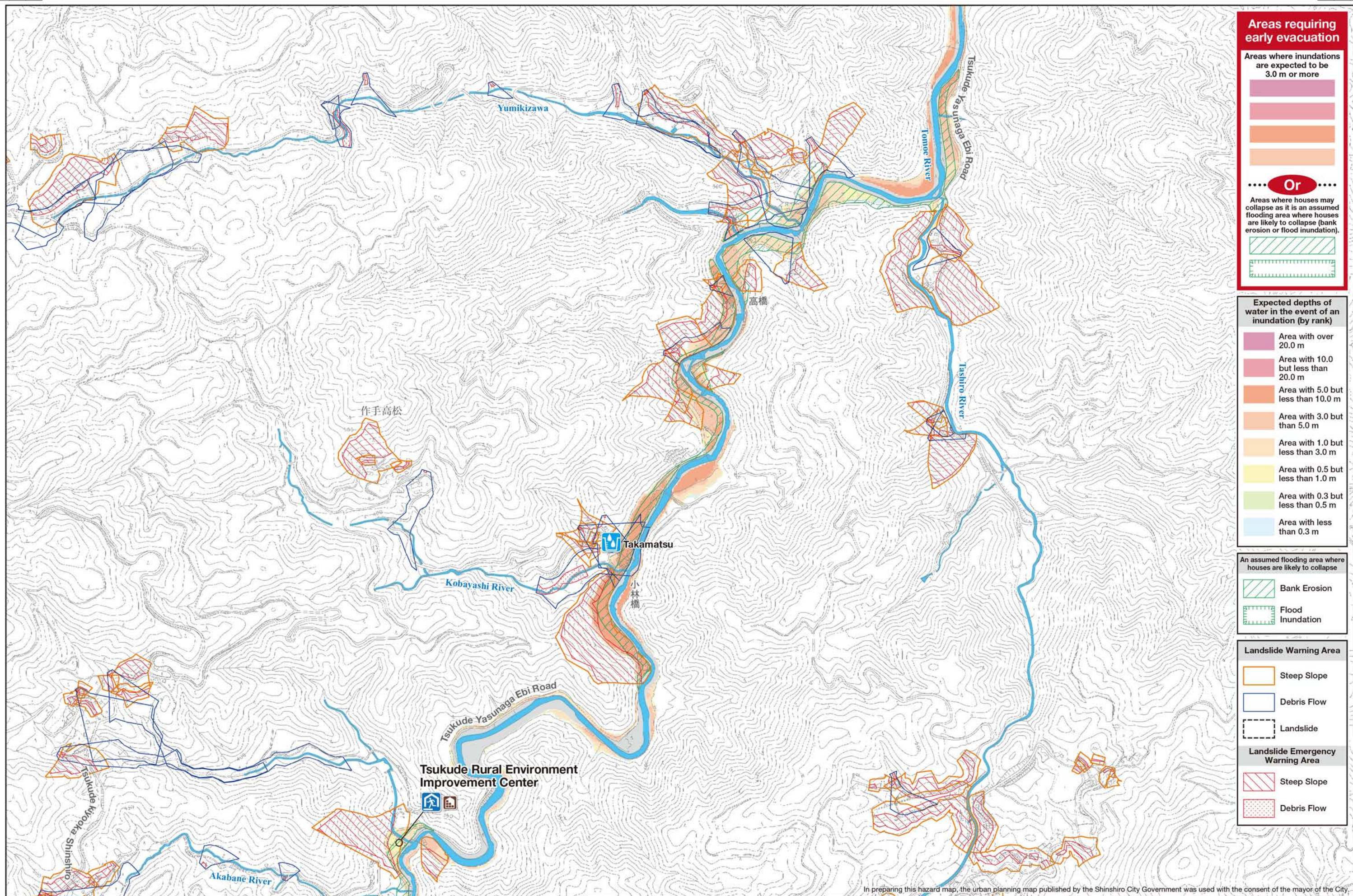
川合橋

Nishihata River

作手白鳥

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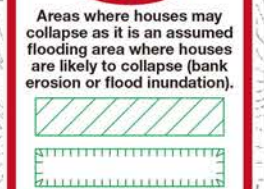


**Areas requiring early evacuation**

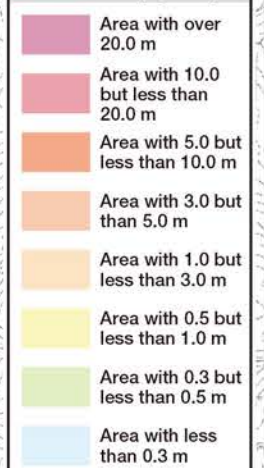
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**Expected depths of water in the event of an inundation (by rank)**



**An assumed flooding area where houses are likely to collapse**



**Landslide Warning Area**



**Landslide Emergency Warning Area**



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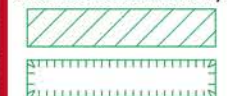
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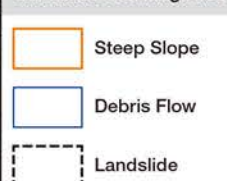
### Expected depths of water in the event of an inundation (by rank)



### An assumed flooding area where houses are likely to collapse



### Landslide Warning Area



### Landslide Emergency Warning Area



Mt. Mitake

作手荒原

Higashitochizawa River

Mt. Ganbo

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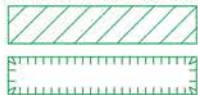
### Areas requiring early evacuation

Areas where inundations are expected to be 3.0 m or more



Or

Areas where houses may collapse as it is an assumed flooding area where houses are likely to collapse (bank erosion or flood inundation).



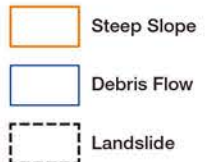
### Expected depths of water in the event of an inundation (by rank)



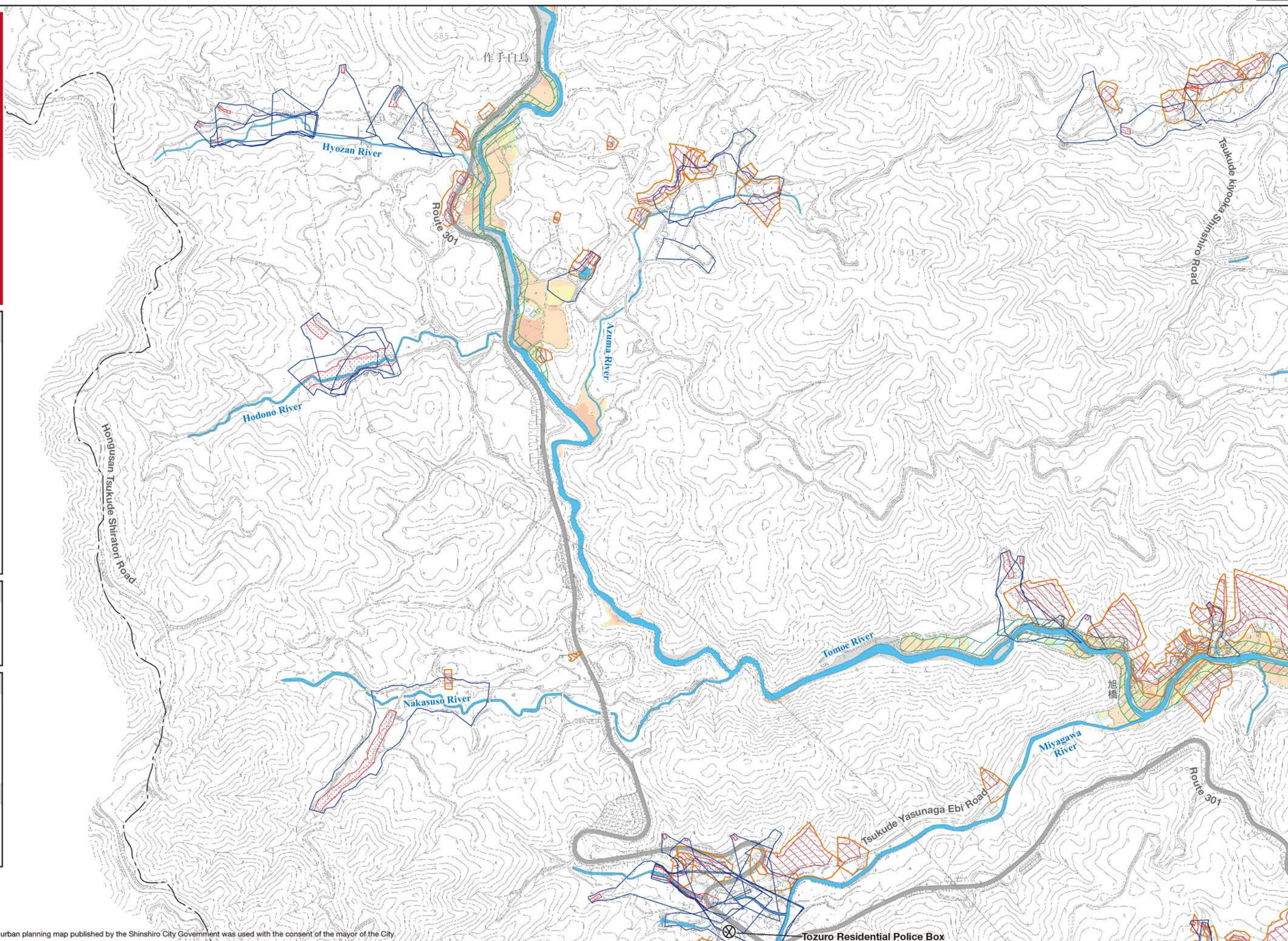
### An assumed flooding area where houses are likely to collapse



### Landslide Warning Area



### Landslide Emergency Warning Area



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Tozuro Residential Police Box





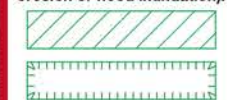
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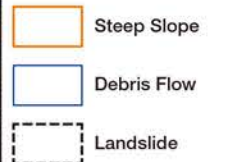
Expected depths of water in the event of an inundation (by rank)



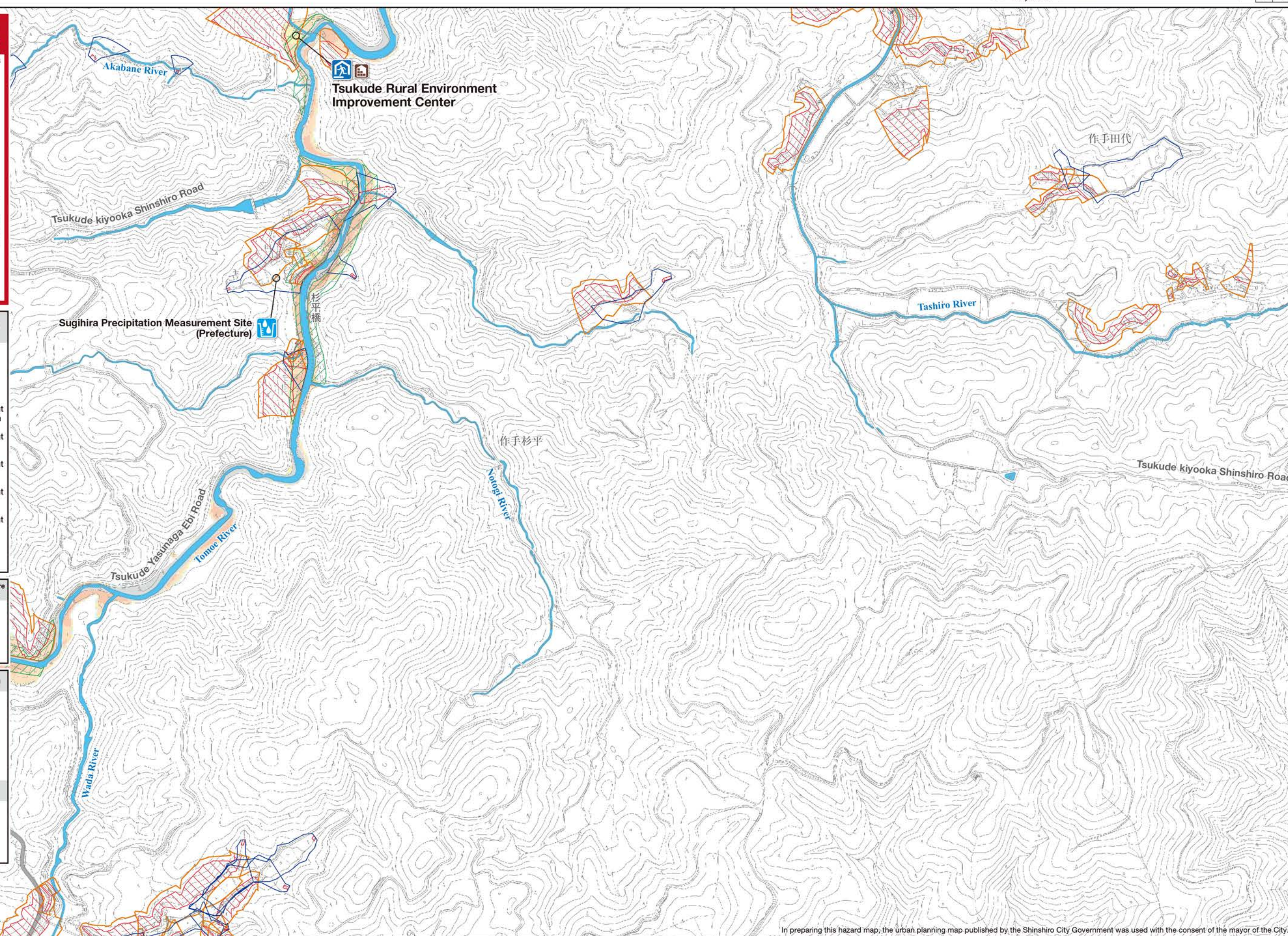
An assumed flooding area where houses are likely to collapse



Landslide Warning Area

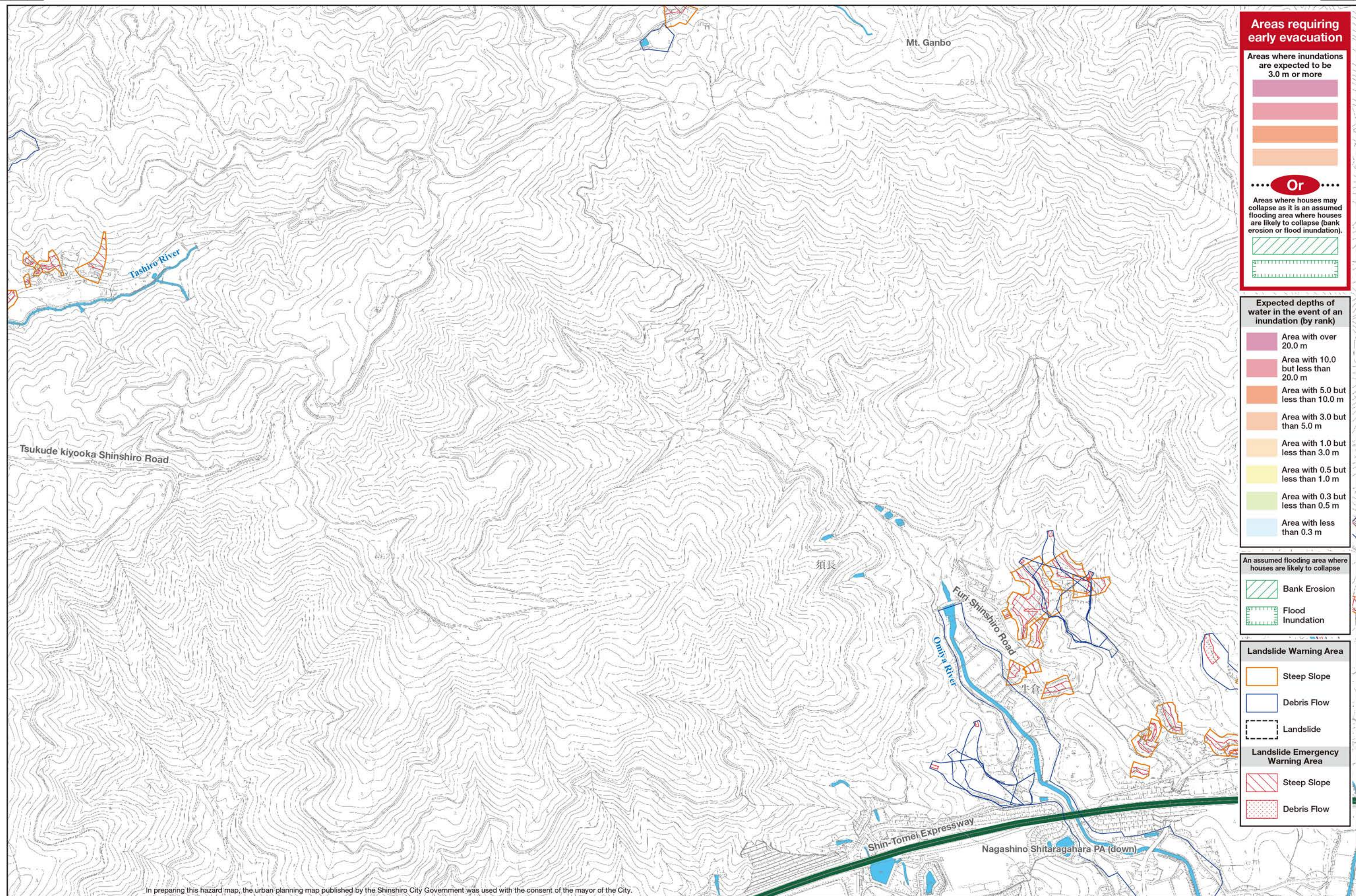


Landslide Emergency Warning Area



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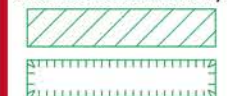
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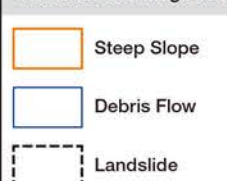
### Expected depths of water in the event of an inundation (by rank)



### An assumed flooding area where houses are likely to collapse



### Landslide Warning Area



### Landslide Emergency Warning Area



Okazaki City

Mt. Hongu

Toyokawa City

Tozuro Residential Police Box

作手保永

Route 301

Route 301

Route 301

Hongusan Tsukude Yasunaga Road

Hongusan Tsukude Shiratori Road

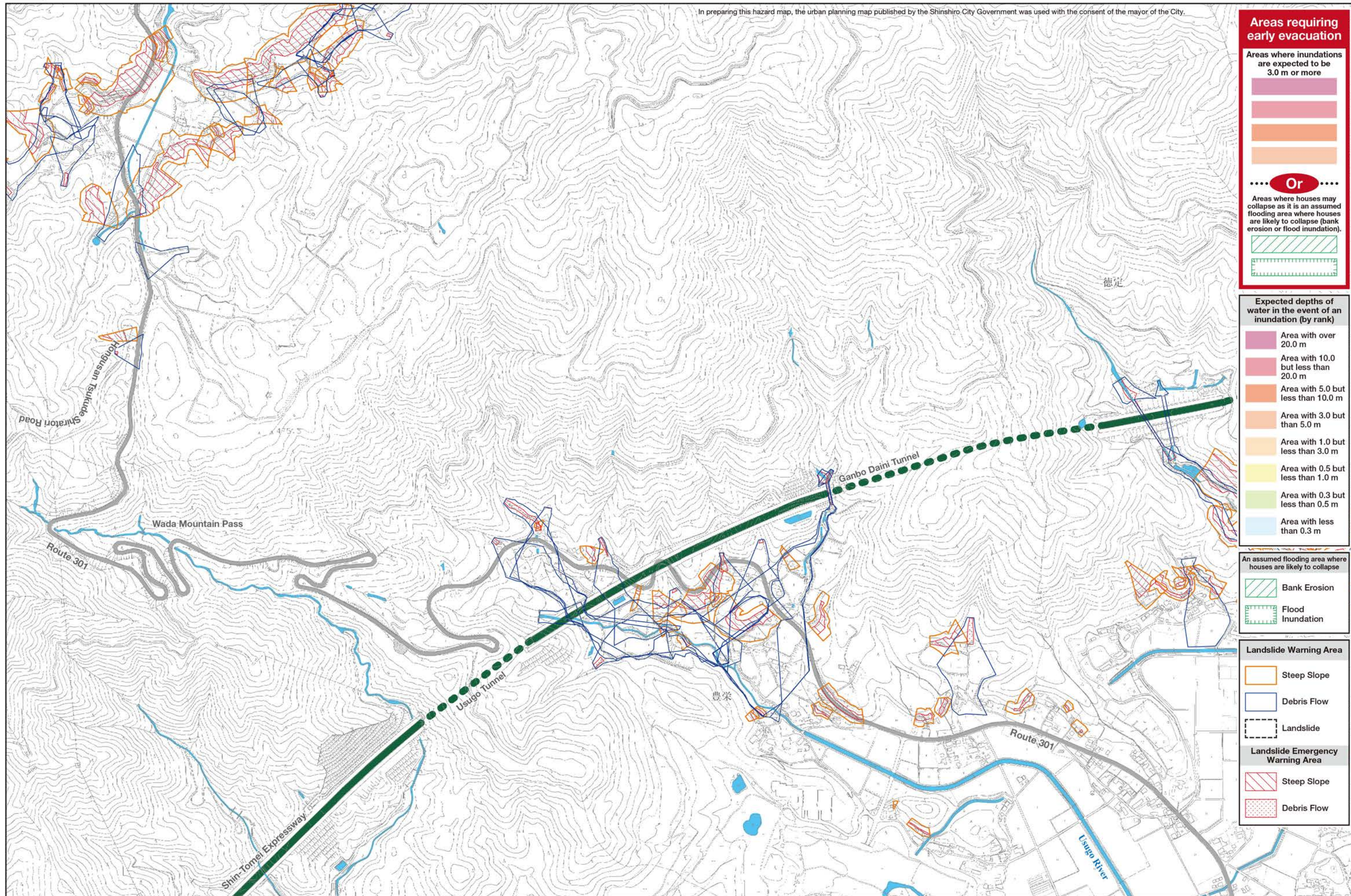
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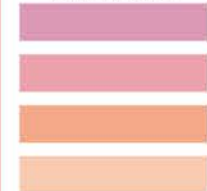


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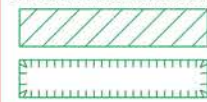
**Areas requiring early evacuation**

Areas where inundations are expected to be 3.0 m or more

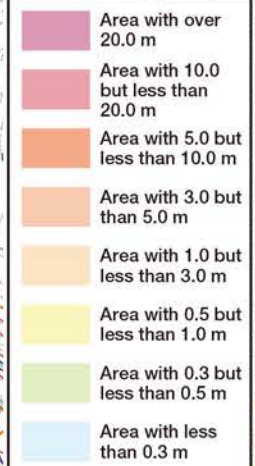


..... Or ..... Or .....

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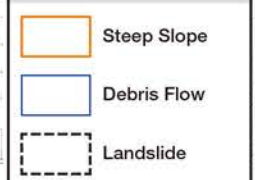
**Expected depths of water in the event of an inundation (by rank)**



**An assumed flooding area where houses are likely to collapse**



**Landslide Warning Area**



**Landslide Emergency Warning Area**

