

# Suzuka River System Suzukagawahasen River Utsube River Flood Escape Map

**Protect Yourself**

If directed to begin evacuation preparation and evacuation of seniors, etc. or if an evacuation advisory is issued, escape

Ex: Evacuation shelter, home of a relative / friend, etc. that will not be flooded

Stay safe if you did not escape in time

Ex: Tall and sturdy building where you can stay even after flooding

Answer the questions in "When & Where to Escape" on the bottom left to determine your evacuation points!

\*This Escape Map is based on the following flood-prone area maps:  
 \*The Mitaki River System Mitaki River Flood-Prone Area Map and the Tempaku River System Tempaku and Kabake River Flood-Prone Area Map display only expected inundation areas.  
 Check the Awareness Map on the "Information" side as to which river(s) will affect your residential area.

Suzuka River system Suzuka River, Suzukagawahasen River, Utsube River Flood-Prone Area Map (maximum rainfall scenario)  
 Assumed rainfall for specification: 6-hour total rainfall in Suzuka River basin: 391 mm  
 Released: May 31, 2016  
 Prepared by: Mie Office of River and National Highways, M.I.T.C. Chubu Regional Development Bureau  
 URL: <http://www.chr.mlit.go.jp/mie/index.html>

Mitaki River system Mitaki River Flood-Prone Area Map (maximum rainfall scenario)  
 Assumed rainfall for specification: 24-hour total rainfall in Mitaki River basin: 779 mm  
 Released: September 22, 2017  
 Prepared by: Mie Prefecture  
 URL: <http://www.pref.mie.lg.jp/>

Tempaku River system Tempaku and Kabake Rivers Flood-Prone Area Map (maximum rainfall scenario)  
 Assumed rainfall for specification: 24-hour total rainfall in Tempaku River basin: 82 mm  
 Released: May 7, 2019  
 Prepared by: Mie Prefecture  
 URL: <http://www.pref.mie.lg.jp/>

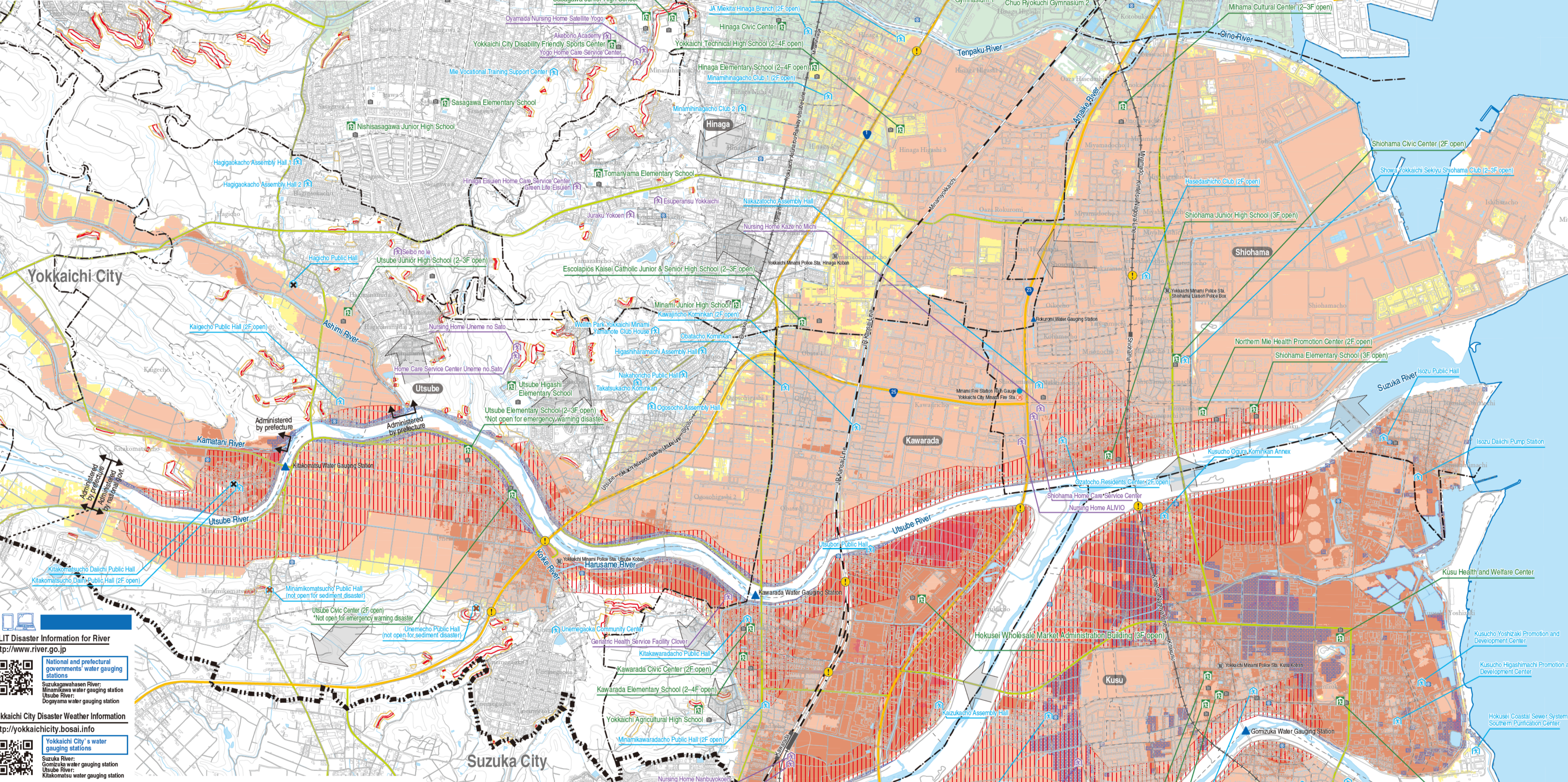
### List of Designated Evacuation Shelters

Designated evacuation shelters are buildings that fulfill a central role as evacuation points and are also meant for long-term stays.

The designated evacuation shelters' availability during flooding and the number of accessible floors are indicated based on the: Suzuka River System Suzuka, Suzukagawahasen, and Utsube River Flood-Prone Area Map; Mitaki River System Mitaki River Flood-Prone Area Map; and Tempaku River System Tempaku and Kabake River Flood-Prone Area Map. For the latest information, see the community disaster plan and any hazard maps that are created.

Name	Applicable disaster type		Barrier-free facilities					
	Flood (accessible floors)	Sediment disaster	Multipurpose toilet	Western toilet	Elevator	Handrail	Slope	
<b>Hinaga</b>								
Hinaga Civic Center	○ [2-4 floors]	○	○	○	○	○	○	
Hinaga Elementary School	○ [2-4 floors]	○	○	○	○	○	○	
Chuo Ryokuchi Gymnasium 1	○ [2-4 floors]	○	○	○	○	○	○	
Chuo Ryokuchi Gymnasium 2	○ [2-4 floors]	○	○	○	○	○	○	
Yokkaichi Technical High School	○ [2-3 floors]	○	○	○	○	○	○	
Escalopos Kaisei Catholic Junior & Senior High School	○ [2-3 floors]	○	○	○	○	○	○	
Minami Junior High School	○ [2-3 floors]	○	○	○	○	○	○	
Yokkaichi Minami High School	○ [2-3 floors]	○	○	○	○	○	○	
Tomaryama Elementary School	○ [2-3 floors]	○	○	○	○	○	○	
Yogo Civic Center	○ [2-3 floors]	○	○	○	○	○	○	
Sasagawa Junior High School	○ [2-3 floors]	○	○	○	○	○	○	
Yogo Elementary School	○ [2-3 floors]	○	○	○	○	○	○	
Yokkaichi City Disability Friendly Sports Center	○ [2-3 floors]	○	○	○	○	○	○	
Nishiasagawa Junior High School	○ [2-3 floors]	○	○	○	○	○	○	
Sasagawa Elementary School	○ [2-3 floors]	○	○	○	○	○	○	
<b>Kawarada</b>								
Kawarada Civic Center	○ [2 floors]	○	○	○	○	○	○	
Kawarada Elementary School	○ [2-4 floors]	○	○	○	○	○	○	
Yokkaichi Agricultural High School	○ [3 floors]	○	○	○	○	○	○	
Hokusei Wholesale Market Administration Building	○ [3 floors]	○	○	○	○	○	○	
<b>Utsube</b>								
Utsube Civic Center*	○ [2 floors]	○	○	○	○	○	○	
Utsube Elementary School*	○ [2-3 floors]	○	○	○	○	○	○	
Utsube Higashi Elementary School	○ [2-3 floors]	○	○	○	○	○	○	
Utsube Junior High School	○ [2-3 floors]	○	○	○	○	○	○	

Name	Applicable disaster type		Barrier-free facilities					
	Flood (accessible floors)	Sediment disaster	Multipurpose toilet	Western toilet	Elevator	Handrail	Slope	
<b>Shiohama</b>								
Shiohama Civic Center	○ [2 floors]	○	○	○	○	○	○	
Shiohama Elementary School	○ [3 floors]	○	○	○	○	○	○	
Northern Mie Health Promotion Center	○ [2 floors]	○	○	○	○	○	○	
Shiohama Junior High School	○ [3 floors]	○	○	○	○	○	○	
Mihama Cultural Center	○ [2-3 floors]	○	○	○	○	○	○	
<b>Kusu</b>								
Kusu Civic Center	○ [3 floors]	○	○	○	○	○	○	
Kusu Elementary School	○ [3-4 floors]	○	○	○	○	○	○	
Kusu Junior High School	○ [3 floors]	○	○	○	○	○	○	
Kusu Exchange Center	○ [3 floors]	○	○	○	○	○	○	
Kusu Health and Welfare Center	○ [2 floors]	○	○	○	○	○	○	
Kusu Welfare Center	○ [2 floors]	○	○	○	○	○	○	
Kusu Disaster Management Center	○ [2-3 floors]	○	○	○	○	○	○	
Kusu Evacuation Center	○ [2 floors]	○	○	○	○	○	○	
Minato Junior High School	○ [2-3 floors]	○	○	○	○	○	○	



### Legend

- Designated evacuation shelter
- Emergency evacuation shelter
- Welfare evacuation shelter (secondary shelter)
- Closed off during flooding
- Closed off during sediment disaster
- Government office
- Fire sta.
- Police sta.
- Water gauging station
- Rain gauge station
- Emergency supplies warehouse
- Flood control supplies warehouse
- Underpass
- Sediment Disaster Special Warning Area
- Sediment Disaster Warning Area
- Expected Inundation Area
- Direction of escape

### Find Out Water Level

For upstream Utsube River, Kamatani River, and Ashimi River (sections administered by the prefecture), only overflow and overtopping are taken into consideration. Please check any flood-prone area maps that Mie Prefecture may release for such sections.

River	River flooding risk water level	Evacuation alert water level	River flooding warning water level	Flood fighting corps standby water level
Suzuka River (Suzukagawahasen River)	4.0m	3.60m	3.60m	2.50m
Utsube River	2.50m	1.90m	1.90m	1.10m

### MLIT Disaster Information for River

<http://www.river.go.jp>

### Yokkaichi City Disaster Weather Information

<http://yokkaichicity.bosai.info>

### When & Where to Escape

Find your home on the map. Check the inundation pattern and color for that location and answer the questions in order, beginning with Q1. Once you find out the result, find evacuation points on the map, such as an evacuation shelter or home of a relative, friend, etc. that will not be flooded, and a tall and sturdy building where you can stay even after flooding, and write them down in the evacuation points memo!

**Q1** Is there a [red pattern] pattern?

Wooden houses may be destroyed due to fast currents.

Result: Cannot stay after inundation. MUST evacuate before inundation.

**Q2** Is there a [orange pattern] pattern?

The ground may erode during flooding. Inundation could last around one week.

Result: Cannot stay after inundation. MUST evacuate before inundation.

**Q3** Is it inside [yellow/green pattern] or [red pattern] ?

There is a risk of sediment disaster that could collapse your house or put your life in danger.

Result: Cannot stay after inundation. MUST evacuate before inundation.

**Q4** What is the inundation color and the number of floors in the building?

Inundation color	No. of floors	Result
3F-4F	5 or more floors	Can stay after inundation. Evacuate before inundation.
3F-4F	1 to 4 floors	Cannot stay after inundation. MUST evacuate before inundation.
2F	3 or more floors	Can stay after inundation. Evacuate before inundation.
2F	1 to 2 floors	Cannot stay after inundation. MUST evacuate before inundation.
1F	2 or more floors	Can stay after inundation. Evacuate before inundation.
1F	1 floor	Cannot stay after inundation. MUST evacuate before inundation.
Under 1F	All floors	Can stay after inundation. Evacuate before inundation.

### Evacuation points memo

Find on map and fill in the following. Write it down on the cover page too.

Place to escape under the begin evacuation preparation and evacuation of seniors, etc. notification or evacuation advisory  
 Evacuation shelter, home of a relative/friend, etc. that will not be flooded

Place to stay safe if you did not escape in time  
 Tall and sturdy building where you can stay even after flooding

\*Think about where to evacuate even if there is no inundation color.

If you can stay home, prepare emergency supplies and go to the 2nd floor or to the highest point as much as possible.  
 If you cannot stay home, determine the closest place where you can stay and write it down.

### Use coins to estimate distance and time

Calculate distance on the map: 1 coin = 300 m on the map (Straight-line distance)

Estimate time on the map: 10 coins = 3000 m (3 km)

Walking speed reference: Report of Manual Review Commission for Tsunami Evacuation Preparation

Physically able persons (adults, etc.)	Physically disabled persons, infants, preschoolers, etc.
6 min (1.0 m/sec)	12 min (0.5 m/sec)

Sections of this hazard map are based on the Digital Map (Basic Geographical Information 20000) and Fundamental Geographical Data published by the Geospatial Information Authority of Japan (GSI), with approval obtained from the GSI Director General (Approval No. 762-FY1918 Information usage). Sections of this hazard map are based on the "National Land Numerical Information (River Data, Emergency Transport Road, Railway, Municipal Office, Police Department, Fire Department, Ministry of Land, Infrastructure, Transport and Tourism).