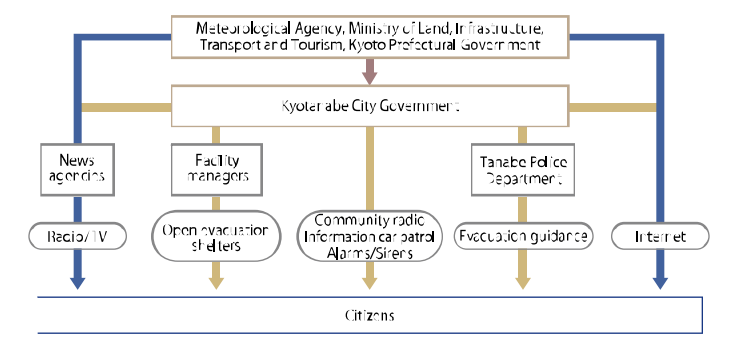


## Sources for Information and Contact Numbers during Disasters

### Communication channels for evacuation information

- In addition to weather information and flood forecasts (advisories and warnings), this transit is evacuation advisories and orders during times of disaster.
- Communication channel for disaster information.
- Communication channel for evacuation advisories and orders during times of disaster.



### List of related organizations

#### Call 119 for emergencies

Government organizations			
Name	Telephone number		
Kyotanabe City Hall (operator)	0774-64-1127	Kyotanabe Fire Station/Kyotanabe Fire Department	0774-64-1125
Community Building Section	0774-64-1574	Kyotanabe Fire Department (North Area Station)	0774-65-0119
Life-Line Maintenance Section	0774-64-1346	Kyotanabe Police Department	0774-62-0110
Lifetime-related organizations			
Kyotanabe City Waterworks Department, Management and Operations Section	0774-64-0404	Sansai Technical Power, Disaster Office (All West (for repair information))	0774-794-9077 0120-444-113
Sewerage and Wastewater Division	0774-64-1352		

#### Information gathering via internet

- ★Weather information  
Kyoto Local Meteorological Observatory <http://www.osaka-jma.go.jp/kyoto/kyoto1.html>
- ★Information on river levels and rainfall amounts  
Ministry of Land, Infrastructure, Transport and Tourism (river disaster information) <http://www.river.go.jp/>
- ★General community disaster prevention information  
Kyotanabe City Website <http://www.kyotanabe.jp/>

## Preparations for Disaster Readiness

Our family's evacuation shelter location	Emergency contact number during disasters
* Relatives or friends that can be contacted reliably	

Name of family member	Date of birth	Blood type	Phone number of workplace or school

	Name	Contact number
Total disaster prevention association chairperson		
Neighborhood association chairperson		
Neighborhood association leader		

Radio station frequencies		How to use the NTT Disaster Emergency Message Service
NHK Kyoto 1	621kHz	1. For recording messages (voice guidance available) [171] → follow voice guidance → [1] → 0774-xx-xxxx (disaster victim's phone number)  2. For listening to messages (voice guidance available) [171] → follow voice guidance → [2] → 0774-xx-xxxx (disaster victim's phone number)  For details: 0180-997524 (toll-free call applicable) Or visit the NTT West website
Asahi Broadcasting (ABC)	1008kHz	
KBS Kyoto Broadcasting	1143kHz	
Mainichi Broadcasting (MBS)	1179kHz	
Radio Osaka (OBC)	1374kHz	
NHK FM Kyoto	87.8MHz	
α-Station (FM Kyoto)	89.1MHz	

Checklist of items to take with you		
Flashlight Portable radio Mobile phone		Clothing (including undergarments)
Drinking water (3 liters per day per person) Emergency food rations		Valuables, cash * Coins are useful for public telephones, etc.
Medical supplies		

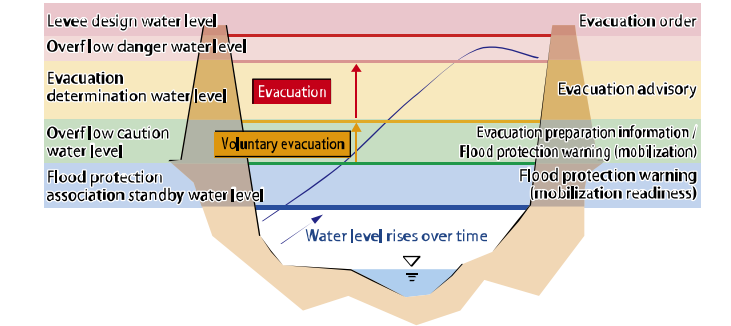
## River Level Information

### Evacuation advisories and evacuation orders

Using the water level of rivers as a reference, flood advisory information and warnings (for each river and area), as well as evacuation advisories and orders will be issued. This information is also provided as needed via the Internet. Also, please be aware of notices and press announcements from the city.

- Information provided via internet  
Ministry of Land, Infrastructure, Transport and Tourism (river disaster information) <http://www.river.go.jp/>
- For mobile phones  
<http://l.river.go.jp/>

### River levels and recommended action, advisories and orders



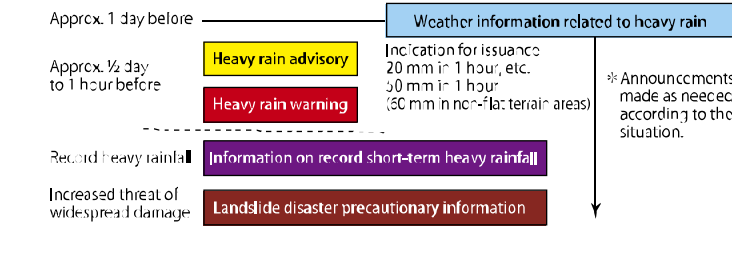
### Standard values for Kyotanabe City and surrounding areas

River	Kizu River				Fugenji River	Susutani River
	Housono (Seika Town)	Inooka (Kyotanabe City)	Yavota (national) (Yavata City)	Miyama-d (Kyotanabe City)	Hishida (Seika Town)	
Observatory						
Levee design water level	6.27m	6.7m	6.41m	—	2.50m	
Overflow danger water level	—	—	—	—	2.40m	
Evacuation determination water level	—	—	—	—	1.80m	
Overflow caution water level	2.50m	3.50m	4.00m	1.20m	1.60m	
Flood protection standby water level	1.0m	2.00m	2.50m	0.50m	1.00m	

## Weather Information / Advisories / Warnings

### Meaning of weather information, advisories and warnings

- Weather information, advisories and warnings  
When torrential rainfall is predicted or if it is already raining, the information announced by the Local Meteorological Observatory will be as follows (not necessary in this order). Kyotanabe City is included in the southern area of Kyoto Prefecture for weather forecasts, and the Yamashiro midlands for advisory and warning announcements.



### Types and intensity of rainfall (Ref: Japan Meteorological Agency documents)

Forecast term	Image	Rainfall amount per hour	Condition indicators
Fairly strong rain		10~20mm	<ul style="list-style-type: none"> <li>Heavy rain</li> <li>Large water puddles over ground surfaces</li> <li>Difficult to hear voices even indoors</li> </ul>
Strong rain		20~30mm	<ul style="list-style-type: none"> <li>Steady downpour of rain</li> <li>One gets wet even if using an umbrella</li> <li>Gutters and small rivers overflow</li> </ul>
Intense rain		30~50mm	<ul style="list-style-type: none"> <li>Rain like water being poured out of a bucket</li> <li>Roads seem to become rivers</li> <li>Becomes easier for rock falls and landslides to occur</li> </ul>
Very intense rain		50~80mm	<ul style="list-style-type: none"> <li>Rain like a waterfall (continuous strong downpour)</li> <li>Areas become whitish with sprays of water</li> <li>Becomes easier for various disasters to occur</li> </ul>
Torrential rain		More than 80mm	<ul style="list-style-type: none"> <li>Feeling of pressure making it hard to breathe, ear fullness</li> <li>Danger of large-scale disasters</li> <li>Strict vigilance is necessary</li> </ul>

## Risk of Landslide Disaster

### Rock fall, land shifts and mudslides

- Types of landslide disasters  
The following are types of landslides. The locations for each of these possible occurrences are noted on the Hazard Map.

Image	Explanation	Precursors
	Water saturates the ground and weakens the earth's resistance. Rock fall occurs when the weakened slope suddenly collapses. Since the collapse is unexpected and instantaneous, it is difficult for people to escape, leading to damage.	<ul style="list-style-type: none"> <li>Water on the face of the cliff becomes cloudy.</li> <li>A large crack appears in the cliff.</li> <li>Small rocks begin to fall.</li> </ul>
	On relatively gentle slopes, this occurs when areas not prone to sliding, such as the sub-terranean layer of clay, are affected by underground water and slowly begin to move. Since it occurs over a large area at one time, residences, roads, railways, etc. receive a large amount of damage.	<ul style="list-style-type: none"> <li>Cracks appear on the ground.</li> <li>Water from wells or streams becomes cloudy.</li> <li>Water sprays from the slope.</li> </ul>
	This occurs when earth and sand accumulated in a valley or on a slope combines with water from heavy rain fall and slides downward. Because its destructive force is great and the flow is very rapid, it causes a high level of damage.	<ul style="list-style-type: none"> <li>Rumbling sounds from the mountain and the sound of splitting trees and grinding rocks can be heard.</li> <li>The water level of the river decreases, even though rain continues to fall.</li> <li>River water suddenly becomes cloudy and driftwood is mixed in.</li> </ul>

### Evacuation information and recommended action

For evacuation information such as "evacuation advisories" and "evacuation orders," the following is applicable. For possible conditions, this is presented in combination with the response for "flooding" (in addition to the evacuation information in this table, announcements will be made as necessary).

	Conditions for announcement (flood)	Conditions for announcement (landslide)	Action to be taken
Evacuation order	<ul style="list-style-type: none"> <li>Overflow danger water level is surpassed.</li> <li>People's lives are in danger.</li> </ul>	<ul style="list-style-type: none"> <li>Landslide disaster has occurred or is occurring in neighboring areas.</li> </ul>	<ul style="list-style-type: none"> <li>If you have not yet completed evacuation procedures, do so immediately.</li> <li>If there is not enough time to complete evacuation, evacuate to the nearest emergency shelter immediately.</li> </ul>
Evacuation advisory	<ul style="list-style-type: none"> <li>Overflow caution water level is surpassed.</li> <li>Flood protection standby water level is surpassed.</li> </ul>	<ul style="list-style-type: none"> <li>Cracks in the ground have been confirmed or imminent risk of disaster is observed.</li> </ul>	<ul style="list-style-type: none"> <li>Move to the ground shelter or high evacuation procedures.</li> </ul>
Evacuation preparation information	<ul style="list-style-type: none"> <li>Water level of river has surpassed the overflow caution water level and is predicted to rise even further.</li> <li>Overflow caution water level is surpassed.</li> </ul>	<ul style="list-style-type: none"> <li>Heavy rain and flood warnings or records indicate heavy rainfall, and the need for evacuation has increased.</li> </ul>	<ul style="list-style-type: none"> <li>Engage in medical activities in times of disaster evacuation.</li> <li>Prepare for evacuation by evacuating family members, preparing items to take, etc.</li> </ul>

## Mind-set during Normal Times and Times of Disasters

### Daily awareness to prepare for flood disasters

(1) Ascertain safe evacuation routes.

Together, decide in advance your route to the evacuation shelter and ascertain that it can be navigated safely.

(2) Make advance preparations for emergency supplies to take with you.

When you evacuate, take only necessary baggage that has been prepared beforehand.

### Awareness during disasters

(1) Collect accurate information and act quickly.

Obtain disaster information, such as the latest weather and evacuation information, from the radio or TV. Pay attention to the intensity of the rain and flooding conditions. If you feel you are in danger, make an effort to act early.

(2) Pay attention to calls for evacuation.

If danger is predicted, Kyotanabe city or the fire department may call for evacuation. Follow the instructions given if there is a call for evacuation.

### (3) Provide cooperation for evacuation of the elderly, etc.

Senior citizens, children, and people who are ill or disabled need to be evacuated early. Please assist in evacuating these people.

(4) Wear clothing that is easy to move in and evacuate in groups.

When you evacuate, wear clothes that are easy to move in and communicate with your neighbors to evacuate together. Carry a walking stick and be careful not to fall into gutters or drainage ditches.

### (5) Evacuating by automobile is dangerous

Do not evacuate by automobile as there is a risk of becoming immobilized if flooding occurs.

(6) Do not leave your vehicle on the road.

Do not leave your vehicle on the road as it interferes with flood protection activities.