

Confirmation of disaster risk	Weather/Earthquake information	Evacuation information	Damage information/safety information
City Hazard Map The Hazard Map data can be downloaded. The latest data is available from the Ikeda City website.	Japan Meteorological Agency (JMA) disaster prevention information From this portal site, a large range of disaster prevention information on the weather, earthquake, tsunami, volcano, and marine can be confirmed. Movement of rain clouds and "Kikikuru" (hazard distribution), etc. can be confirmed from here. https://www.jma.go.jp/jma/menu/menulash.html	Ikeda City Website Information regarding evacuation and a disaster, etc. are updated and published as needed. https://www.city.ikeda.osaka.jp/	
City Hazard Map Portal This website is operated by the Ministry of Land, Infrastructure, Transport and Tourism. Information which is useful for disaster prevention anywhere in Japan can be viewed on one overlapping map. https://disaportal.gsi.go.jp/		Ikeda City official SNS Disaster and evacuation information, etc. are sent out as needed.	
Disaster information website ◆ The Ministry of Land, Infrastructure, Transport and Tourism Inundation Navi This system displays a diagram of estimated inundation areas on an digital map. https://suiboumap.gsi.go.jp/ ◆ The Ministry of Land, Infrastructure, Transport and Tourism River disaster prevention information This site notifies viewers of the status of rain, river levels and hazards, and "river forecast/alerts" in real time. https://www.river.go.jp/index ◆ Designated conditions under the Sediment Disaster Prevention Act in Osaka Prefecture Designated conditions such as Landslide hazard zones can be confirmed. https://www.pref.osaka.lg.jp/damusabo/dosyahou/site.html ◆ Osaka Prefecture river camera http://www.osaka-pref-rivercam.info/index.html	Osaka Disaster Prevention Network You can check weather warnings and alerts, earthquake and tsunami information issued for the prefecture, evacuation information issued by each municipality in the event of a disaster, as well as the operation and status of traffic, roads, and lifelines at a glance. An email notification service is also available.	Emergency community broadcast system Evacuation information, etc. is broadcast through outdoor speakers. For the hard of hearing, confirmation by calling a dedicated phone number (charges incurred). 072-752-2198	
	Yahoo! Disaster prevention flash report With this service, a person can receive various disaster prevention information such as Earthquake Early Warnings (EEW), tsunami, evacuation information, disasters caused by heavy rain, via push notification.		
	Earthquake Early Warning (EEW) The system detects seismic waves (P-waves) at observation points near the earthquake epicenter, quickly estimates the location of the epicenter and the magnitude of the earthquake, predicts the intensity and arrival time of tremors in each region, and provides a warning before of a strong tremor (principal shock, S-wave) arrives.	Emergency early warning (area) mail This service broadcasts Earthquake Early Warnings (EEW), Tsunami Warnings, and Emergency Warnings provided by Japan Meteorological Agency (JMA) and Disaster/Evacuation information provided by national and local governments to the customers who live in the targeted area.	Blackout information App Blackout information in the Kansai area can be confirmed with this app. Progress of recovery work and estimated recovery time can also be confirmed.
	News/Disaster Prevention App ★ NHK News / Disaster Prevention App This service by NHK promptly provides information on disasters such as earthquakes, typhoons, and heavy rain. https://www3.nhk.or.jp/news/news_bousai_app/index.html	L Alert This is a common infrastructure for the rapid and efficient transmission of evacuation information through broadcast stations, etc. Confirmed by TV captions and the α button, etc.	Disaster Emergency Message Dial (171) ★ How to record the message Dial 171 → Push → Input your telephone no. ★ How to play the message Dial 171 → Push → Input your telephone no.

Action in the event of an earthquake

Normal time

- Daily earthquake preparedness
 - ☐ Confirm evacuation sites and routes
 - ☐ Confirm methods to check the safety of one's family
 - ☐ Confirm the one's furniture is secure
 - ☐ Confirmation of evacuation resources
- Re-confirm earthquake preparations (described above)
- Implement safety disaster prevention actions
 - ☐ Do not place things on high locations
 - ☐ Live in a safe indoor location as much as possible
 - ☐ Prepare to evacuate quickly
 - ☐ Stay away from dangerous areas
- Live a normal life while keeping watch for the occurrence of an earthquake

Local earthquake (directly below)

Earthquake Early Warning (EEW) An earthquake has occurred!

Prompt report of seismic scale
 ※ Announcement of an earthquake with a seismic intensity of 3 or higher

Tsunami Warning Tsunami Advisory Information on hypocenter and seismic intensity

Actions during an infectious disease outbreak

Even if the novel coronavirus disease (COVID-19) has not subsided, in principle, evacuate hazardous places if disaster hits.

- ☐ "Evacuate" means to escape from the danger. If you are in a safe place, you do not need to go to an evacuation shelter.
- ☐ Evacuation shelters are not only elementary and junior high schools or community centers. Consider evacuating to a relative's or an acquaintance's home that is safe.
- ☐ Have on hand your own masks, disinfectant, and thermometers as possible.
- ☐ Going outside during torrential rains is dangerous, even in a car. If you have no choice but to spend the night in your car, take great care to check your surroundings, etc., to make sure you are not caught in a flood.
- ☐ Follow the directions of the evacuation site administrator regarding infection prevention measures at the evacuation site.
- ☐ Even in evacuation areas, avoid close contact, practice thorough hand disinfection, and cough etiquette.

Desired matters to consider in evacuation activities

Preparation of evacuation materials

- ☐ Drinking water and food (a 3 day supply)
- ☐ Flashlight
- ☐ Insurance card, regular medication
- ☐ Eye glasses
- ☐ Change of clothes, rain gear
- ☐ Baby food and diapers
- ☐ Cash, ATM card
- ☐ Identification certificate
- ☐ Sanitary items
- ☐ Mobile phone battery

Emergency contact information

Name	Tel. no.	Name	Tel. no.
		Emergency community broadcast system	072-752-2198
		Ikeda City Hall	072-752-1111
		Confirmation of the safety of others	171
		Kansai Electric Power Co., Inc. electric power transmission and distribution	0800-777-3081
		Osaka Gas	0120-5-19424
		Waterworks and sewerage	072-752-1111



Ikeda City supports the Sustainable Development Goals.

Prepared in March 2022

Ikeda City Hazard Map

Wind and Flood Damage, Landslide Disaster

Danger to life: Protect yourself by sheltering in a safe place immediately!

Alert Level 5

~ < Be sure to evacuate by Alert Level 4! > ~

Alert Level 4

Evacuate everyone from dangerous locations

Alert Level 3

Evacuate the elderly and others at risk from dangerous locations

Alert Level 2

Check your plan of action for evacuating yourself

Alert Level 1

Increase your awareness about disasters

DROP

COVER

HOLD ON

Source: Effective disaster drills and disaster awareness advocacy meeting (abbr. Shake Out advocacy meeting)

With the mindset of **protecting your own life**, check the disaster risks at your home and the actions you should take. In addition, in case of evacuation, don't forget to prepare measures to prevent infection.



Introduction

The Ikeda City Hazard Map is prepared so residents will be aware to "protect one's own life," confirm the disaster risk of one's house and take the necessary actions, consider what to do in the event of a disaster, and summarize it.

Record the results of your family discussions in "My Timeline," a disaster action plan, for use in the case of emergency.

① Confirm the type of the disaster and degree of damage estimated by the city. (Earthquake P 7 ~ 10)

② Confirm any hazards around your house and check evacuation sites on the school district map. (P11 ~ 37)

③ Write down your own disaster prevention action on My Timeline. (End of page)



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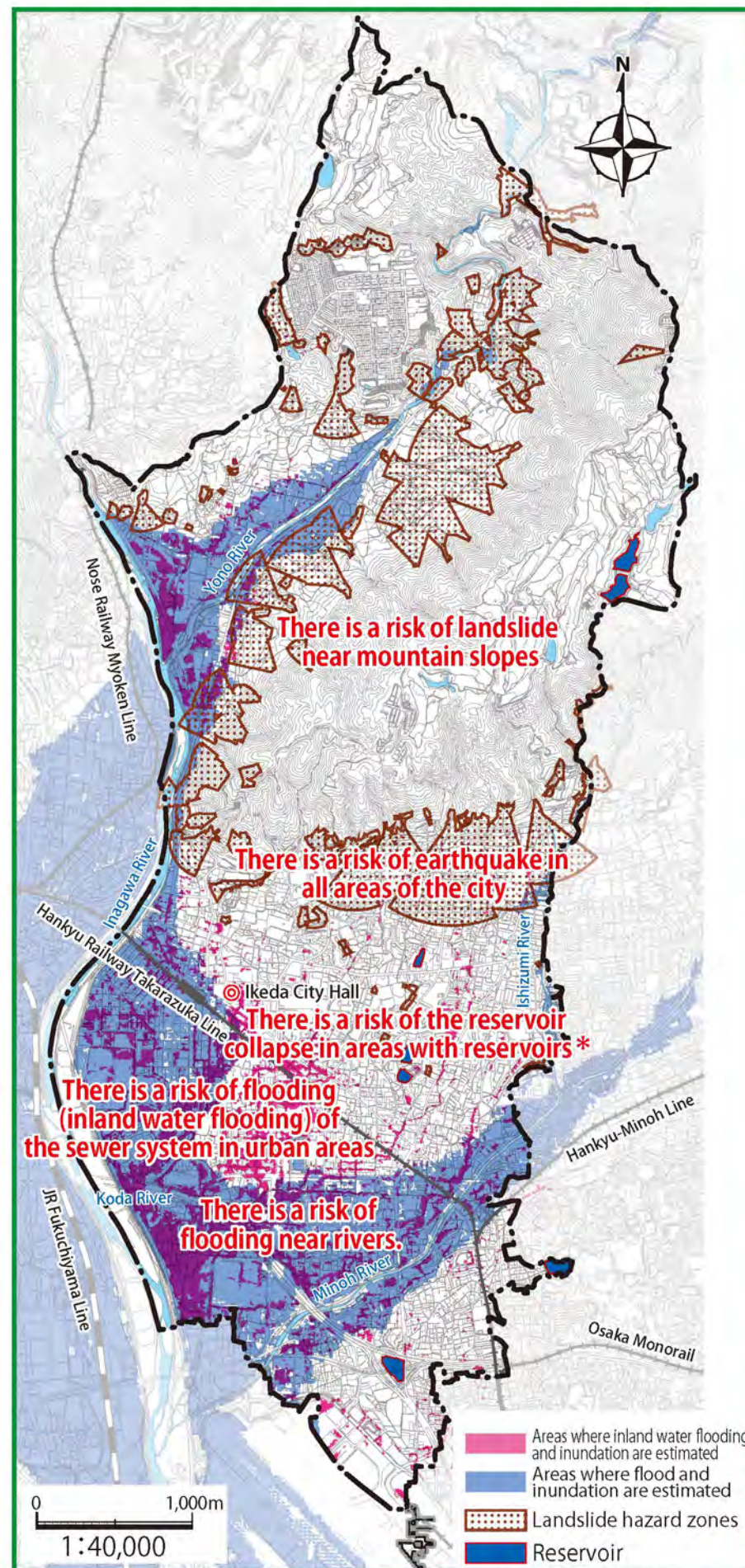
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4 Preparation

4-1 Let's make My timeline End of page

- The Social Capital Development Comprehensive Grant Aid from the Japanese government was used to prepare this Hazard Map.
- The Takeyasu Disaster Countermeasure Fund was used for distribution to and education of the residents.

1-1. Disasters assumed to occur in the city



In Ikeda City, inundation, inland water flooding (river flooding), and landslides caused by typhoons and heavy rains, as well as tremors, liquefaction, and reservoir collapses caused by earthquakes are estimated.

In all areas of the city



In urban areas



Near a reservoir*



Near a mountain slope



Near the river



* Storm surge or tsunami damage are not estimated for the city.

* For reservoir, please check the reservoir hazard map on the city website.



1-2. List of evacuation sites (As of January 2022, ※Including no notification)

Evacuation sites	Designated emergency evacuation sites	Designated general evacuation sites	Designated welfare evacuation sites	Temporary evacuation sites	Wide evacuation area
<ul style="list-style-type: none"> Depending on the type of disaster and conditions, which evacuation site is used varies. Depending on disaster conditions, all evacuation site which are opened will be announced. 	These are facilities or locations to which you can evacuate to in an emergency and protect yourself from a disaster.	These are facilities where you can stay for a certain period of time until the danger of disaster has passed, or where people who cannot return homes due to disaster can stay temporarily.	These facilities are opened on an as-needed basis to evacuees in need who have difficulty living in general evacuation facilities.	In the event of a fire, a location approx. 1,500 m or more to which people can temporarily evacuate.	This is an area to be protected from radiant heat and hot air currents caused by the spread of fire.

Designated emergency evacuation sites (some are also used for designated general evacuation sites or temporary evacuation sites (facility))							
No	Elementary School district	Name	Use classification			Classification	
			Flood	Landslide	Earthquake		
1	Ikeda Elementary School District	Ikeda Elementary School	○	○	○	○	
2		Ikeda Junior High School	○	○	○	○	
3		Community Center	○	○	○	○	
3'		Civic Activity Exchange Center	Under construction			(June 2022)	
4		Ueikedo Community Hall	○	○	×		
5		Jonan Community Hall	○	○	×		
6	Satsukiya Gymnasium	○	△	○			
7	Hatano Elementary School District	Hatano Elementary School	○	○	○	○	
8		Shibutani High School	○	×	○		
9		Shibutani Community Hall	○	×	×		
10		Minamihata Community Hall	○	○	○		
11		Hata Community Hall	○	×	×		
12		Shimoshibutani Community Hall	○	○	○		
13	Kitateshima Elementary School District	Kitateshima Elementary School	△	○	○	○	
14		Kitateshima Junior High School	△	○	○	○	
15		Engei High School	△	○	○		
16		Senshin High School	△	○	○	○	
17		Soen Community Hall	○	○	○		
18		Sumiyoshi Community Hall	○	○	×		
19		Teshima-Kita Community Hall	△	○	×		
20		Kitateshima Plaza	△	○	○		
21		Teshima-Minami Community Hall	△	○	×		
22		Cultural Hall	△	○	○		
23		Sports Center	△	○	○		
24		Culture Plaza	△	○	○		
25	Kureha Elementary School District	Kureha Elementary School	△	○	○	○	
26		Momozono Community Hall	△	○	×		
27		Kureha Community Hall	△	○	○		
28		Himemuro Muromachi Community Hall	△	○	○		
29	Uho Community Hall	Uho Community Hall	○	○	×		
30		Ishibashi Elementary School	△	○	○	○	
31	Ishibashi Elementary School District	Ishibashi Junior High School	△	○	○	○	
32		Ikeda High School	○	○	○	○	
33	Asahigaoka Community Hall	Asahigaoka Community Hall	○	×	×		
34		Hanazono Community Hall	○	○	○		
35		Hatano Community Hall	○	○	×		
36	Ishibashi Elementary School District	Ishibashi-Kita Community Hall	△	○	○		
37		Iguchido Community Hall	△	○	○		
38	Satsukigaoka Elementary School District	Satsukigaoka Elementary School	○	○	○	○	
39		Shibutani Junior High School	○	×	○	○	
40	Satsukigaoka Community Hall	○	×	○			
41	Ishibashi-Minami Elementary School District	Ishibashi-Minami Elementary School	○	○	○	○	
42		Ishibashi Community Hall	○	○	○		
43		Kuko Community Hall	○	○	×		
44	Diversity Center (Tsunagarie Ishibashi)	Under construction			(April 2022)		
45	Midorigaoka Elementary School District	Midorigaoka Elementary School	○	○	○	○	
46		Hachizuka Community Hall	○	○	×		
47		Saison Community Hall	○	○	×		
48	Koda Elementary School District	Koda Elementary School	△	○	○	○	
49		Koda-Kita Community Hall	○	○	×		
50		Kita-Koda Community Hall	×	○	×		
51		Koda Community Hall	×	○	×		
52		Nakanojima Community Hall	×	○	○		
53		Kawarajima Community Hall	×	○	○		
54		Sanaenomori Community Hall	△	○	×		
55		Miyanojima Community Hall	△	○	○		
56		Hosogo Compulsory Education School District	Former Hosokawa Elementary School	○	△	○	○
57			Former Fushiodai Elementary School	○	○	○	○
58	Hosogo Compulsory Education School		○	○	○	○	
59	Fushiodai Community Center Hall 1		○	○	○		
60	Hosokawa Community Center		×	×	○		
61	Fushio Community Hall		○	×	×		
62	Yoshida Community Hall		○	×	○		
63	Higashiyama Community Hall		○	△	○		
64	Nakagawara Community Hall		○	×	×		
65	Furuecho Autonomous Hall		×	△	×		
66	Children's Center		○	○	×		
67	Human Rights and Cultural Communication Center		○	○	○		
68	Northern Osaka Agricultural Cooperative Association Hosokawa Branch		△	×	×		

※ △ for floods are areas which areas of safety by evacuating to the upper floor of the facility.
△ for landslides, use may be limited depending on disaster condition.

Designated welfare evacuation sites					
No	Elementary School district	Name	No	Elementary School district	Name
1	Ikeda Elementary School District	Central Community Hall	2	Ikeda Elementary School District	General Health and Welfare Center

Temporary evacuation sites (Park)					
No	Elementary School district	Name	No	Elementary School district	Name
1	Ikeda Elementary School District	Tsujiqaik Park	7	Satsukigaoka Elementary School District	Yokooka Park
2		Ikeda Eki-mae Park	8		Shiozuka Park
3	Kureha Elementary School District	Momozono Park	9	Ishibashi-Minami Elementary School District	Ishimbashimaeike Park
4		Masumi Park (Under maintenance, April 2022)	10		Ishimashi eki-mae Park
5	Ishibashi Elementary School District	Ishibashi Park	11	Midorigaoka Elementary School District	Ishibashi minami Park
6	Kitateshima Elementary School District	Teshimano Park	12		Suigetsu Park
			13	Hosogo Compulsory Education School District	Furue Park

Wide evacuation area			
No	Name	No	Name
1	Around Prefectural Shibutani High School	4	Near Engei High School (Playground, practice field, etc.)
2	Midorigaoka District (Elementary/Junior High/High Schools affiliated with Osaka Kyoiku University)	5	Satsukiya Park (Ryokufudai and Square area, Castle ruins park)
3	Inagawa Sports Park		

2-1. What is an earthquake

Seismic intensity and tremor conditions

Seismic intensity 1

Slight motion can be felt by some people who are sitting quietly inside a building.

Seismic intensity 2

Shaking can be felt by most people sitting quietly in a building.

Seismic intensity 3

Shaking can be felt by most people in a building.

Seismic intensity 4

- Most of the people are surprised
- Hanging objects such as electrical lights will strongly sway.
- Unstable ornaments may fall over.



Seismic intensity 6 - Low

- Difficult to remain standing.
- Most unsecured furniture may shift, some may fall over. Door won't open.
- Wall tiles and window glass may break or fall.
- The roof tiles on some wooden buildings that are not earthquake-resistant may fall off. The buildings may lean, and some may collapse.



Seismic intensity 5 - Low

- Most of the people become afraid, try to hold on to something.
- Dishes and books in the shelves may fall off.
- Unsecured furniture may shift, unstable things may fall.



Seismic intensity 6 - High

- Can't move unless crawling. Loss of balance.
- Most of the furniture that is not fixed will be moved and many things will fall over.
- More wooden buildings that are not earthquake-resistant will lean or collapse.
- Large cracks in the ground may occur, and large landslides and mountain collapses may occur.



Seismic intensity 5 - High

- Difficult to walk without holding on to something.
- Many dishes and books fall off the shelves.
- Unsecured furniture fall over.
- Unreinforced block walls may collapse.



Seismic intensity 7

- Even more wooden buildings that are not earthquake-resistant will lean or collapse.
- Even wooden buildings that are earthquake-resistant may lean.
- Many of reinforced concrete buildings with less earthquake-resistant will collapse.



Source: Japan Meteorological Agency (JMA) (Seismic intensity and tremor condition)

2-2. When an earthquake occurs

POINT when an earthquake occurs **First, "Drop, Cover, Hold on!"**

Source: Effective disaster drills and disaster awareness advocacy meeting (abbr. Shake Out advocacy meeting)

This is an illustration on three safety actions advocated in ShakeOut (training). For details, see <http://www.shakeout.jp/>

When indoor

Take the proper action Basic directions when at home

Get under a sturdy desk or table and hold on to the legs of the desk or table firmly. Protect your head with a cushion, etc. and wait until the shaking stops.



- If a large tremor strikes, first try to remain safe and protect yourself.
- Don't run outside.

Take the proper action When you are sleeping

If you are awakened by a tremor, stay inside your bedding or under your bed to ensure your safety.

- Keep a pair of thick socks, slippers, a flashlight, and a portable radio at your bedside, and be prepared to evacuate.

**Take the proper action** In the kitchen, etc.

First, get under a table, etc. and wait for the shaking to stop.

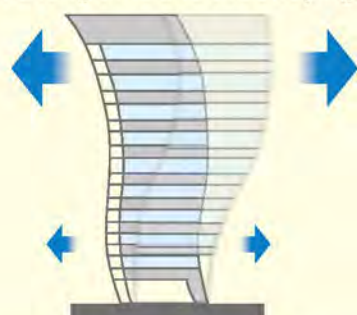
- If you try too hard to put out the fire, the cookware may fall and burn you. Wait until the shaking stops.

- Be careful because not only may the cupboards or refrigerator fall over, but their contents may also fly out.

**Be careful** In an apartment

Keep in mind that shaking may be greater on higher floors than on the ground level.

- Feeling an earthquake on high floors tends to start slowly, but once the shaking begins, it tends to continue for a long time and the swaying tends to increase.

**Be careful** Inside an elevator

In principle, you should press the buttons on all floors and get off at the first floor you stop at. However, it is also important to assess the situation on each floor rather than rush out on the first floor you stop at.



When outdoors

Danger! In a residential area

When a strong tremor strikes, the streets in a residential area will be filled with falling and collapsing objects.

- There is a risk that cinder block and stone walls in alleys in a residential area may fall down during a strong tremor. When you feel a tremor, move away from any walls.
- Electrical poles and vending machines may also fall over, so stay away from these places.

**Danger!** In an office or downtown area

In an office or downtown district with mid- and high-rise buildings, there is a risk of falling window glass, exterior walls, and signboards.

- Exterior walls and tiles and signboards attached to a building may come off. Protect your head using your bag, etc. move away from buildings as much as possible.

**Danger!** While driving

If you suddenly step on the brakes, you may cause unexpected accident.

- When you feel a tremor
 - ① Do not suddenly step on the brakes. Slow down and stop on the left side of the road, firmly holding the steering wheel and watching the cars in front and behind you.
 - ② Turn off the engine, stay in the car until the shaking stops, and listen to the car radio to obtain information.
 - ③ In case of evacuation, leave the keys in the car, close the window and do not lock the doors.
 - ④ Leave a memo with your contact information inside the car and evacuate on foot, taking any valuable items or records such as the vehicle inspection certificate with you.
- Do not evacuate by car, as it may hinder emergency vehicles.

**Take the proper action** In mountain and hilly areas

Watch for falling rocks and avoid dangerous areas such as steep slopes.

- If you are climbing or hiking in the mountains and a strong tremor occurs, immediately protect yourself from falling rocks.
- The ground may become unstable due to the earthquake and may be prone to collapse, so avoid dangerous areas such as cliffs and steep slopes.

**Take the proper action** When on the train

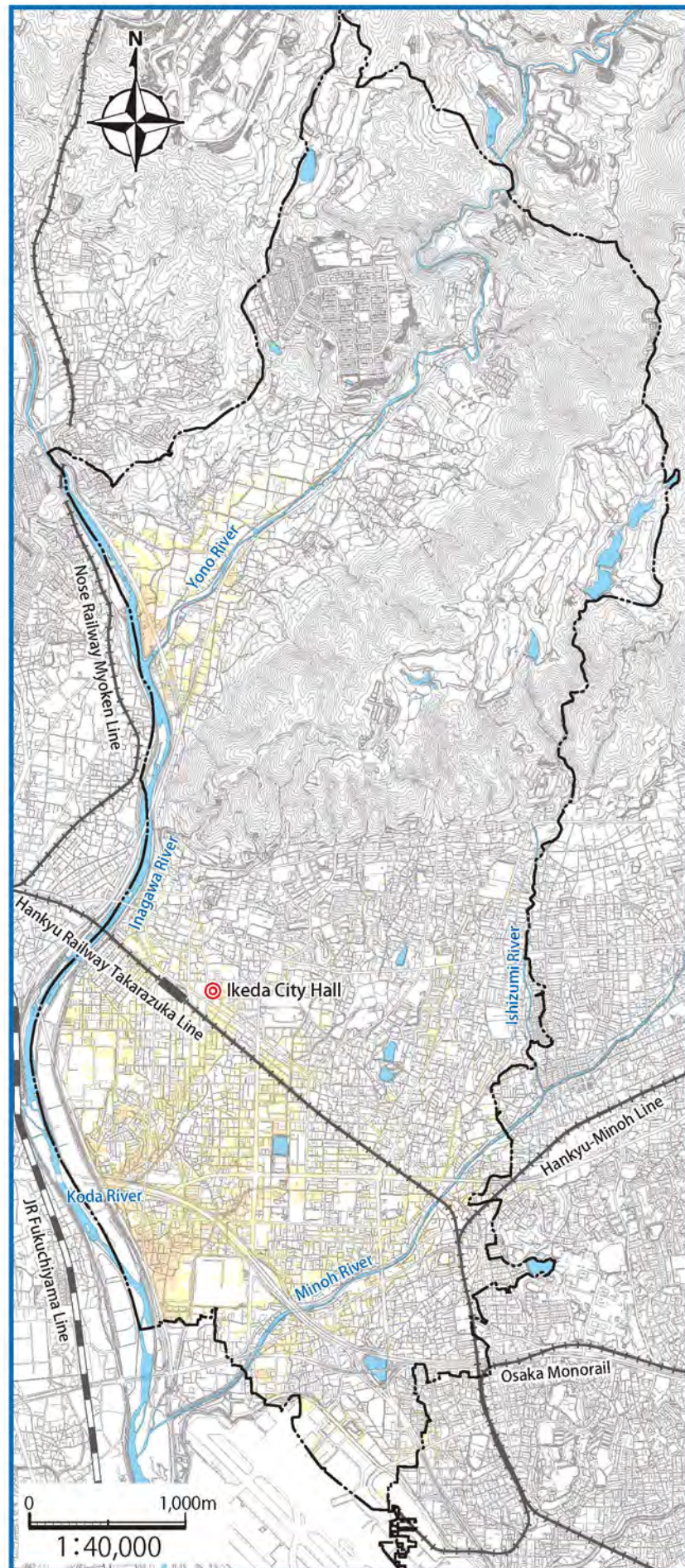
In case of an emergency stop, stay low to avoid injury and firmly grip the handrail or straps.

- If you are sitting in a seat, stay low and protect your head with a bag, etc. If you are standing, firmly grip the handrail or straps to avoid falling.



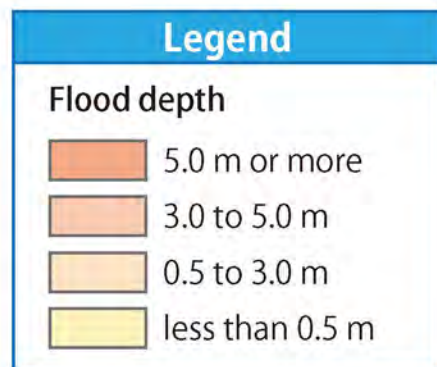


3-1. Inland Water Hazard Map



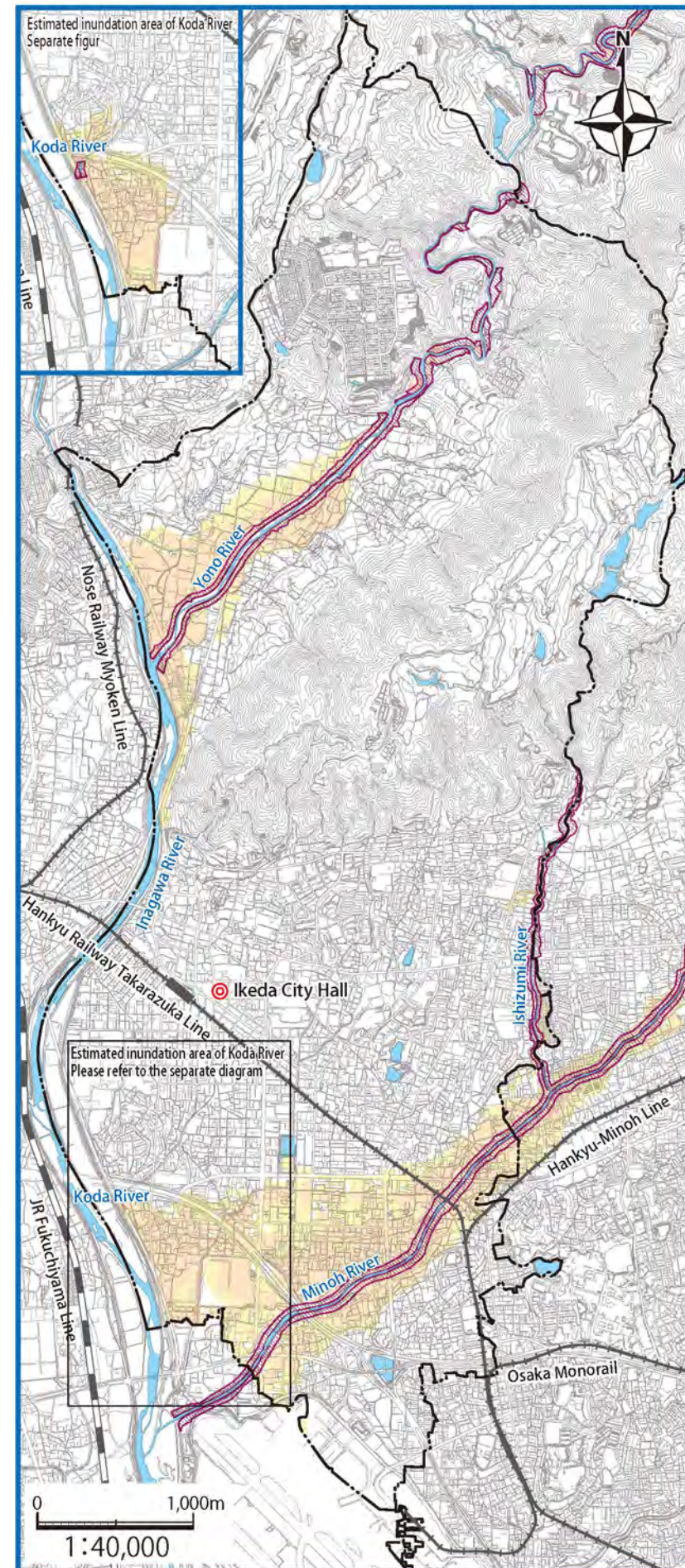
- This map shows the estimated inland water flooding in the event of a maximum rainfall (140 mm per hour) over the entire city, based on the maximum local rainfall in recent years. This was not prepared based on Flood Control Act.
- Flooding due to river overflow is not considered in the implementation of this simulation. Inundation may occur in areas that are not designated as predicted inundation areas, and the estimated depth of flooding may vary from the actual depth of flooding.

Damage due to local heavy rain:
Near Ishibashi handai-mae station
(September 6, 1994)



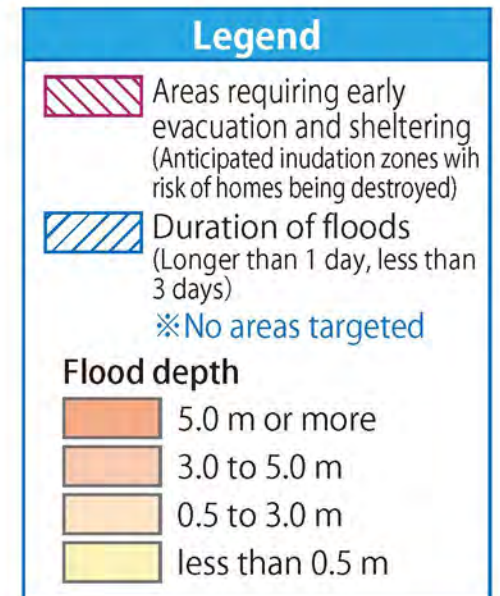
Source: Ikeda City Water Hazard Map (March 2016)

3-2. Flood Hazard Map (Yono River, Minoh River, Ishizumi River, Koda River)



- Estimated maximum scale (Approximate rainfall with an occurrence probability more than once in 1,000 years)
Yono River:
Total rain precipitation amount in 24 hours 1,075 mm
Koda River, Ishizumi River, Minoh River:
Total rain precipitation amount in 24 hours 1,150 mm
- Inagawa River flooding and inland water flooding are not considered for implementation of this simulation. Inundation may occur in areas not designated as estimated inundation areas, and the estimated flood depth may differ from the actual depth of water.

Damage by local heavy rain: Hachioji River
(August 7, 1997)



Source: Osaka Prefecture [Diagram of estimated flooding and inundation of Minoh River, Chazanzaka River, Ishizumi River Estimated maximum scale (November 2020)]
[Diagram of estimated flooding and inundation of Koda River Estimated maximum scale (November 2020)]
[Diagram of estimated flooding and inundation of Yono River, Ishida River, Kiriata River, Kishiro River Estimated maximum scale (November 2020)]

1 Introduction

2 Earthquake

3 Wind and Flood Damag

4 Preparation

1 Introduction

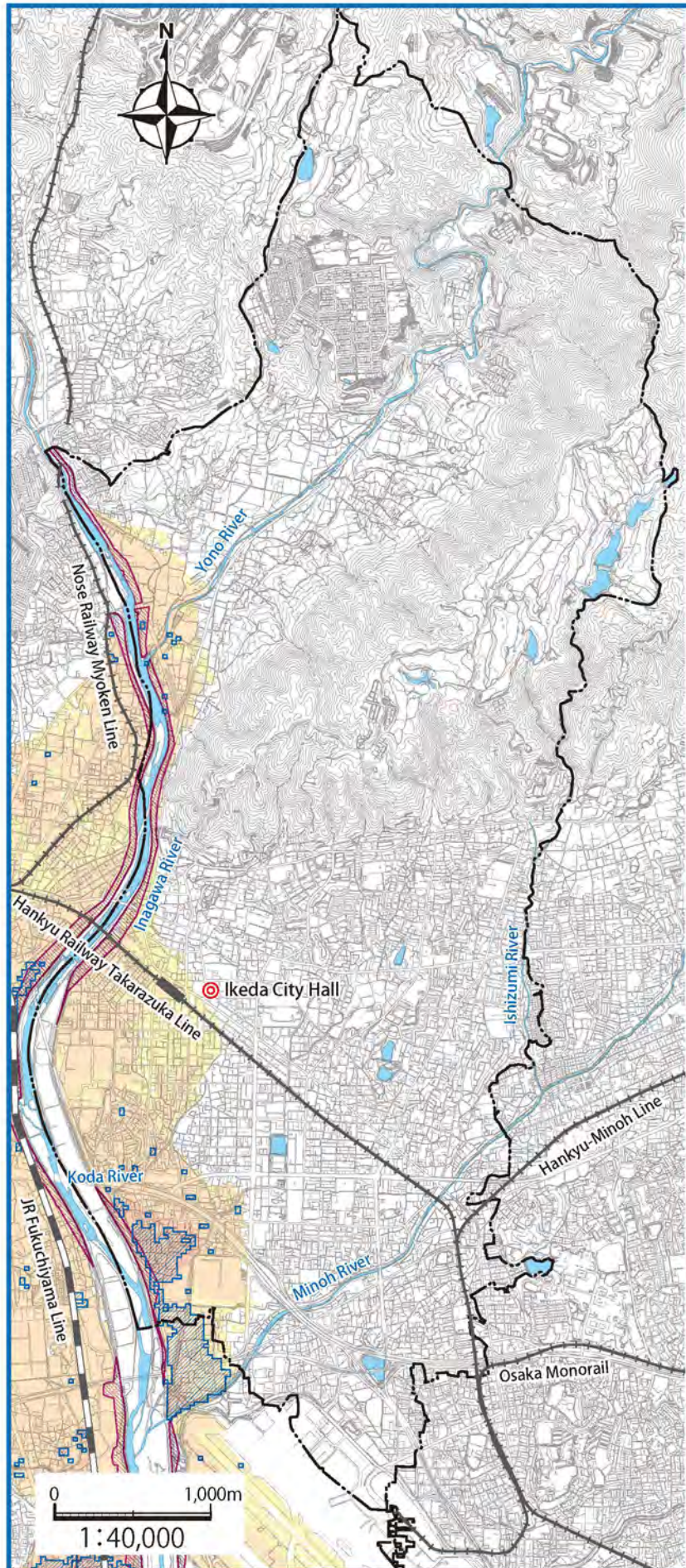
2 Earthquake

3 Wind and Flood Damag

4 Preparation



3-3. Flood Hazard Map (Inagawa River)



- This map shows the condition of flooding of Inagawa River, at a maximum rainfall (total precipitation amount in 9 hours 380 mm) in the basin.
- Flooding and inland water flooding due to overflow of a tributary are not considered for implementation of this simulation. Inundation may occur in areas not designated as estimated inundation areas, and the estimated flood depth may differ from the actual depth of water.

Damage caused by rainfall of Typhoon No. 11: Inagawa River (August 10, 2014)



Legend

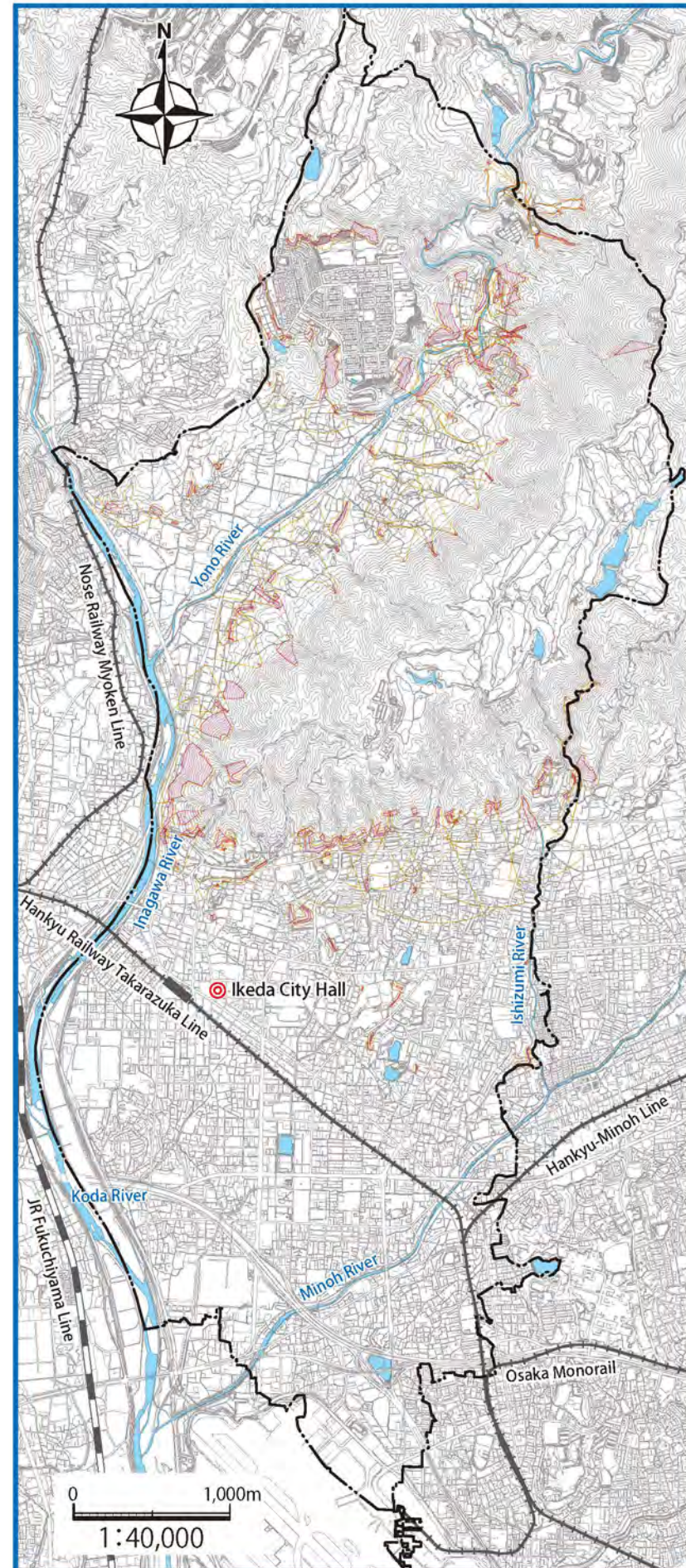
- Areas requiring early evacuation and sheltering (Anticipated inundation zones with risk of homes being destroyed)
- Duration of floods (Longer than 1 day, less than 3 days)

Flood depth

- 5.0 m or more
- 3.0 to 5.0 m
- 0.5 to 3.0 m
- less than 0.5 m

Source: Kinki Regional Development Bureau, the Ministry of Land, Infrastructure, Transport and Tourism [Diagram of estimated flood and inundation of Inagawa River and Mo River (estimated maximum scale, June 2016)]
Osaka prefecture [Diagram of estimated flood and inundation of Inagawa River (estimated maximum scale, November 2020)]

3-4. Landslide Hazard Map



Source: Osaka prefecture [Designated areas under the Sediment Disaster Prevention Act in Osaka Prefecture (June 2021)]

Landslide

Cliff landslide (Collapse of steep slopes)

"Cliff landslide" is when water seeping into the ground and weakens the soil's cohesion, leading to a sudden collapse of the slope (liquefaction) due to rain or an earthquake.

Mudflow

"Mudflow" is when rocks and sediment from mountainside and river bottom are swept downstream all at once due to prolonged or torrential rain.

Landslide (Landslip)

※ Not predicted to occur in the city.

Landslide hazard zones, Landslide special hazard zones

Areas designated by Osaka Prefecture, based on the Sediment Disaster Prevention Act enacted in April 2001.

- Landslide hazard zones
- Areas at risk of landslide
- Landslide special hazard zones
- Areas with a risk of damage to buildings and significant harm to the residents.

Legend

- Landslide hazard zones
- Landslide special hazard zones

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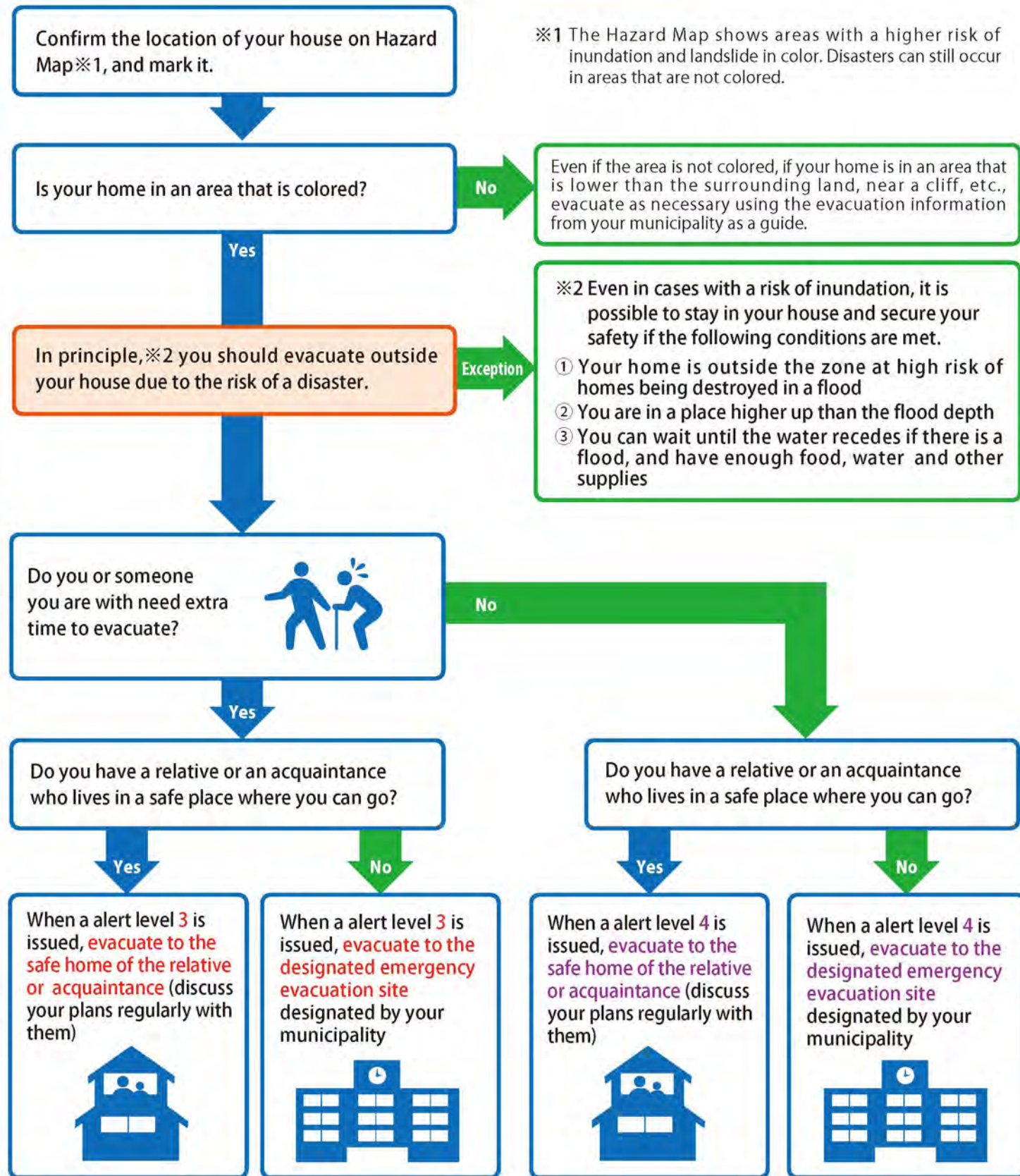


3-5. How to Read the Hazard Map

Confirm the condition around your house in detail using the map divided by school districts. Refer to the Evacuation Action Assessment Flow, to confirm the disaster risk of your house and evacuation action that you should take.

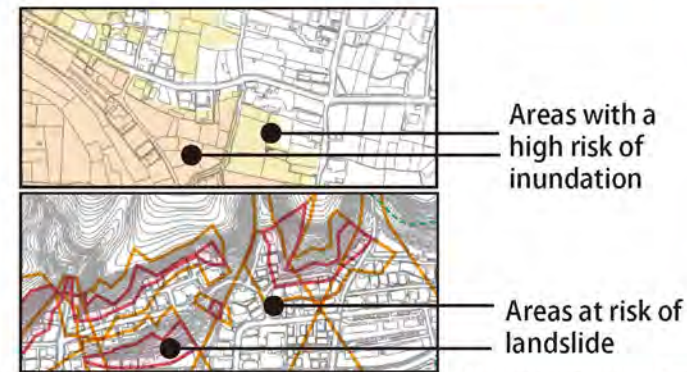
Evacuation decision flowchart

What evacuation action should you take? **Try it and find out!**



How to Read the Hazard Map ①

Be sure to check the map



Legend

Flood damage		Landslide	
Areas where flood and inundation are predicted (flood depth)		Areas at risk of landslide	
3rd/4th floor	More than 5 m (Inundation higher than the 3rd floor)	Landslide hazard zones	Areas where there is a risk of damage to buildings and significant harm physically or to the life of the residents, etc.
2nd floor	3 m to 5 m (Inundation above the 2nd floor and below the 2nd floor eaves)	Landslide special hazard zones	
1st floor	0.5 m to 3 m (Inundation above the 1st floor and below the 2nd floor)		
Below 1st floor	less than 0.5 m (Inundation under the 1st floor)		

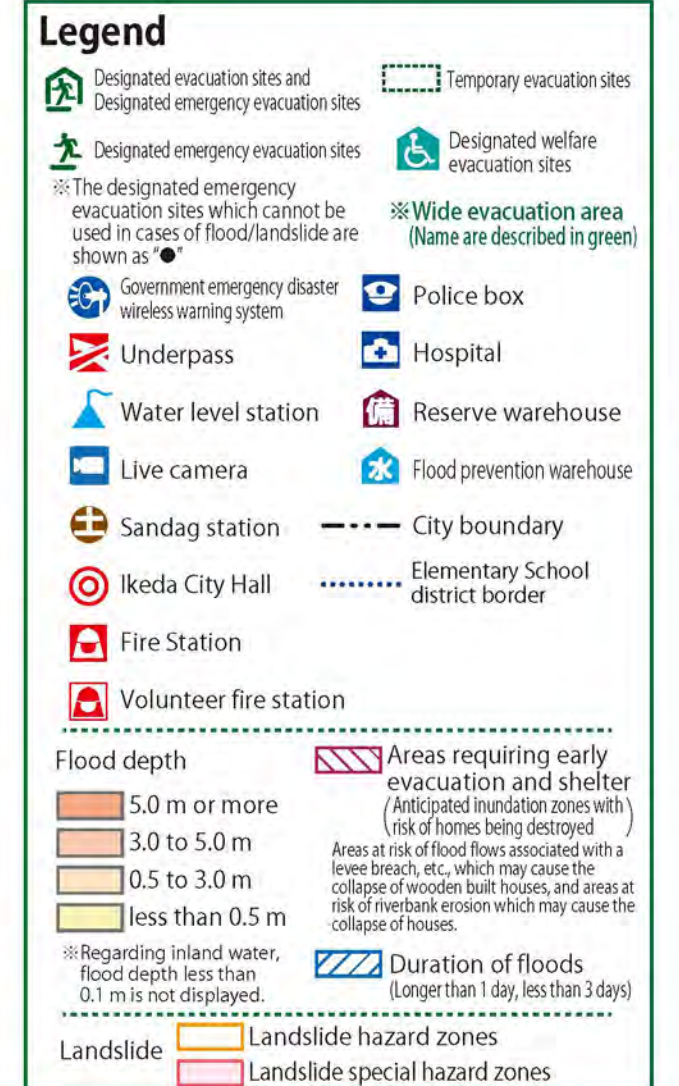
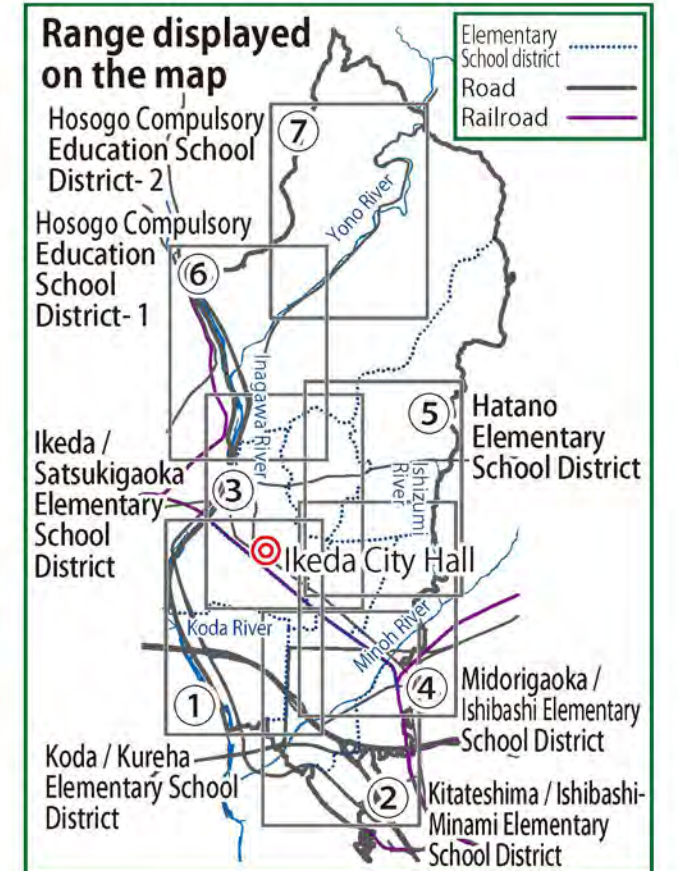
How to Read the Hazard Map ②

For those who would like more details

Even in cases with risk of inundation, if following three items can be confirmed, you can stay in your house safely.

- Your house is not in an area where flooding such as house collapse is predicted, is it?
 - Flood flow:** Due to the high speed of the flow, wooden built houses may collapse
 - Bank erosion:** The ground will be undercut and houses may collapse
 - Areas requiring early evacuation and shelter:** (Anticipated inundation zones with risk of homes being destroyed)
- The living room is higher than the flood depth

3rd/4th floor	More than 5 m (Inundation higher than the 3rd floor)
2nd floor	3 m to 5 m (Inundation above the 2nd floor and below the 2nd floor eaves)
1st floor	0.5 m to 3 m (Inundation above the 1st floor and below the 2nd floor)
Below 1st floor	less than 0.5 m (Inundation under the 1st floor)
- Can you wait until the water subsides, do you have enough food and water?



Source: "Revision of the Guideline regarding Evacuation information" Cabinet Office (May, 2021)"

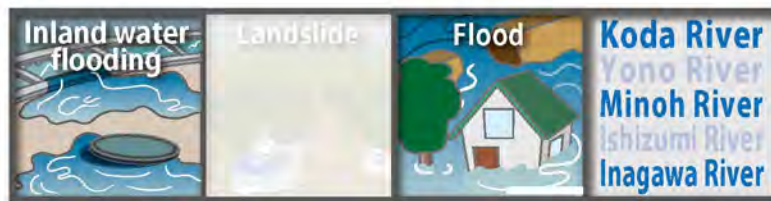
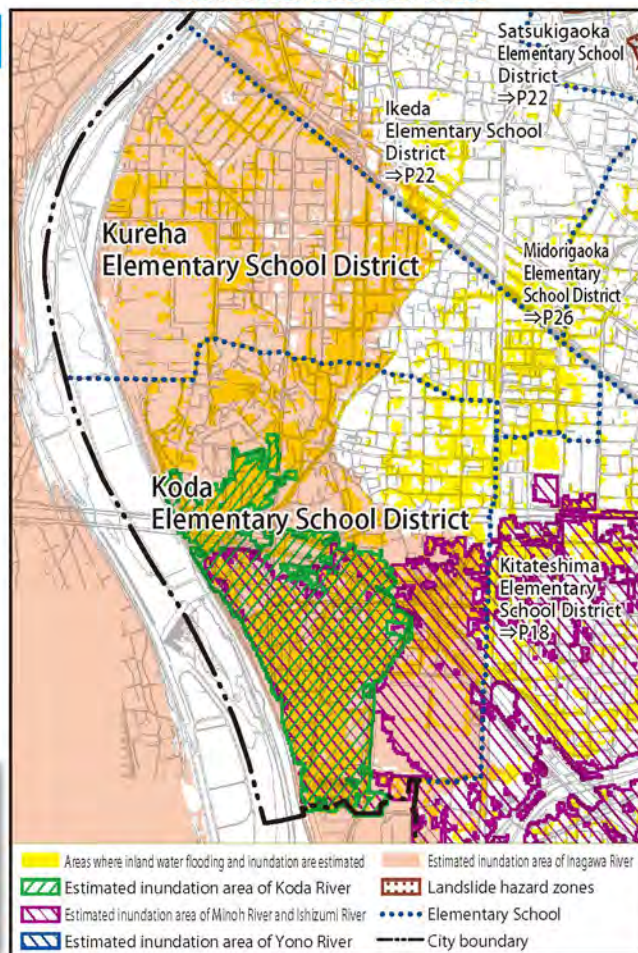
3-6. Hazard Map by School District

① Koda / Kureha Elementary School District Chart by school district

Point 1 Predicted disasters

- In Koda Elementary School district, inland water flooding, flooding (Inagawa River), flooding (Minoh River), and flooding (Koda River) due to heavy rain are predicted. In the event of inland water flooding or flooding of the Inagawa River, a wide area of the school district may be inundated. Moreover, the time period of flooding may continue for more than 1 day in Koda 2-chome, 3-chome, 4-chome, and wide area of Daihatsucho.
- In Kureha Elementary School district, inland water flooding and flooding (Inagawa River) due to heavy rain are predicted. In the event of inland water flooding or flooding of the Inagawa River, a wide area of the school district may be inundated.
- Areas requiring early evacuation and shelter along Inagawa River and Koda River are designated.
- Areas not designated as landslide hazard zones.

Predicted disaster area



Point 2 Damage estimation of the area where you live

Koda Elementary School District

Address, name of the town	Inland water (maximum flood depth)	Flood (maximum flood depth)			Landslide
		Koda River	Minoh River	Inagawa River	
Daihatsucho	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	3.0 ~ less than 5.0 m	5.0 m or more	—
Koda 1-chome	0.5 ~ less than 3.0 m	—	—	0.5 ~ less than 3.0 m	—
Koda 2-chome	0.5 ~ less than 3.0 m	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	3.0 ~ less than 5.0 m	—
Koda 3-chome	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	3.0 ~ less than 5.0 m	5.0 m or more	—
Koda 4-chome	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	3.0 ~ less than 5.0 m	5.0 m or more	—

Kureha Elementary School District

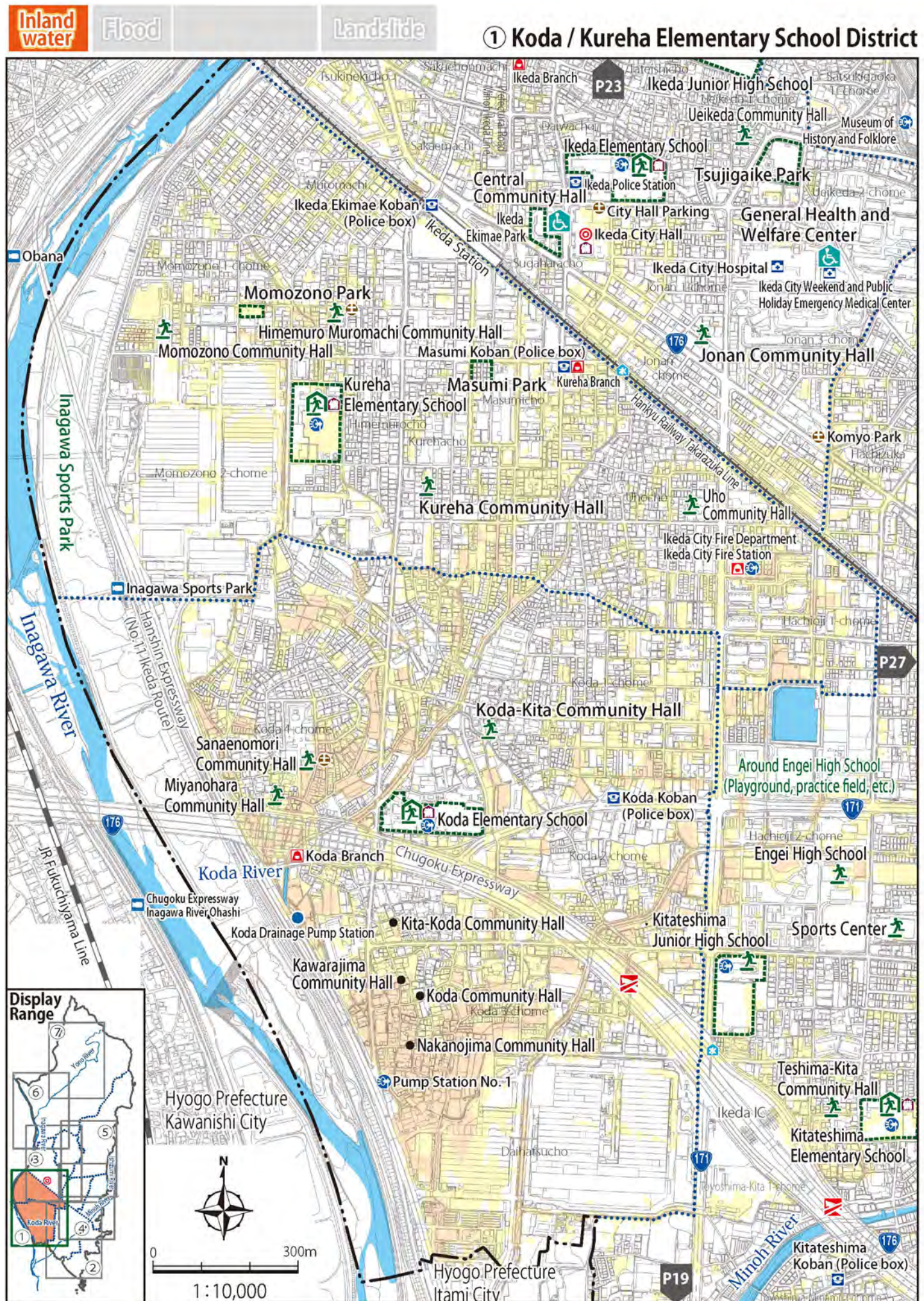
Address, name of the town	Inland water (maximum flood depth)	Flood (maximum flood depth)		Landslide
		Minoh River	Inagawa River	
Uhocho	0.5 ~ less than 3.0 m	—	0.5 ~ less than 3.0 m	—
Kurehacho	0.5 ~ less than 3.0 m	—	0.5 ~ less than 3.0 m	—
Muromachi	0.1 ~ less than 0.5 m	—	0.5 ~ less than 3.0 m	—
Momozono 1-chome	0.5 ~ less than 3.0 m	—	0.5 ~ less than 3.0 m	—
Momozono 2-chome	0.5 ~ less than 3.0 m	—	0.5 ~ less than 3.0 m	—
Hachioji 1-chome	0.5 ~ less than 3.0 m	—	—	—
Himemurocho	0.5 ~ less than 3.0 m	—	0.5 ~ less than 3.0 m	—
Masumicho	0.5 ~ less than 3.0 m	—	0.5 ~ less than 3.0 m	—

Point 3 When evacuating outside your house

According to the results of Evacuation decision flowchart (P11), evacuate safely and early. When evacuating to an evacuation site, confirm whether it is available and if the evacuation route is safe.

Designated emergency evacuation sites

Elementary School district	Name	Flood	Landslide	Designated emergency evacuation site
Koda Elementary School District	Koda Elementary School	△	○	○
	Koda-Kita Community Hall	○	○	○
	Kita-Koda Community Hall	×	○	○
	Koda Community Hall	×	○	○
	Nakanojima Community Hall	×	○	○
	Kawarajima Community Hall	×	○	○
Kureha Elementary School District	Sanaenomori Community Hall	△	○	○
	Miyanojima Community Hall	△	○	○
	Kureha Elementary School	△	○	○
	Momozono Community Hall	△	○	○
	Kureha Community Hall	△	○	○
Kureha Elementary School District	Himemuro Muromachi Community Hall	△	○	○
	Uho Community Hall	○	○	○



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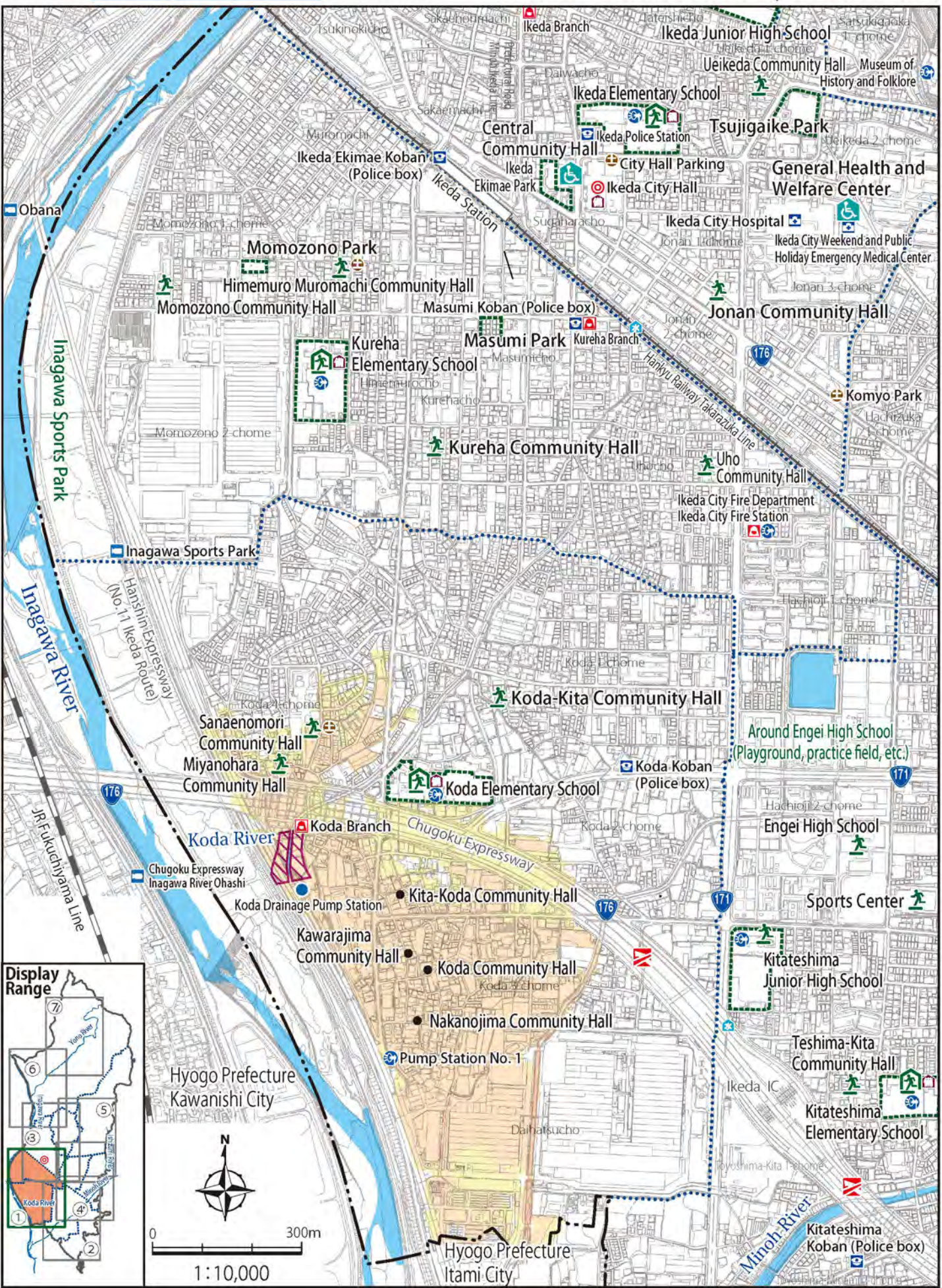
3 Wind and Flood Damages

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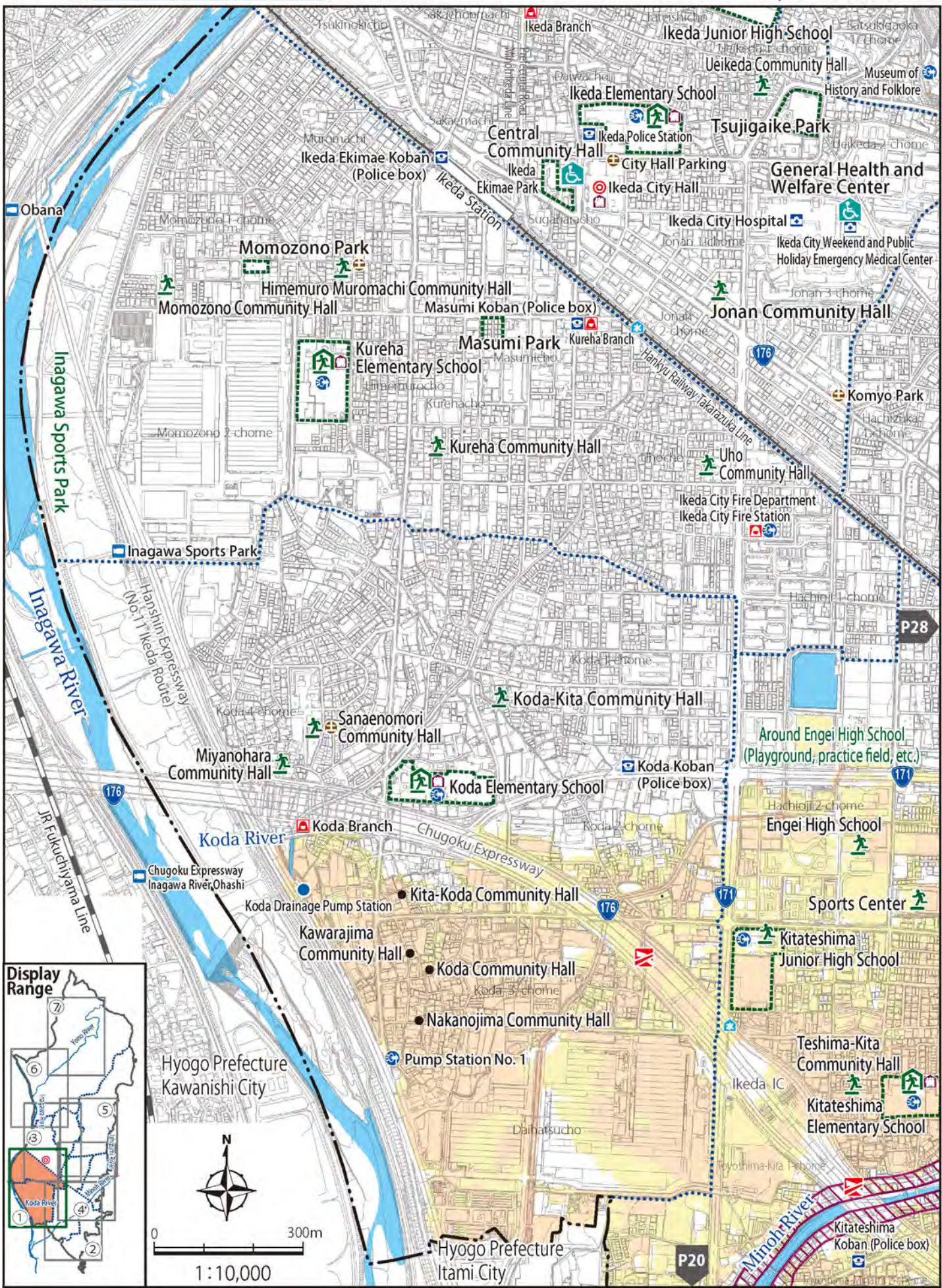
Inland water Flood Koda River Landslide

① Koda / Kureha Elementary School District



Inland water Flood Minoh River Landslide

① Koda / Kureha Elementary School District



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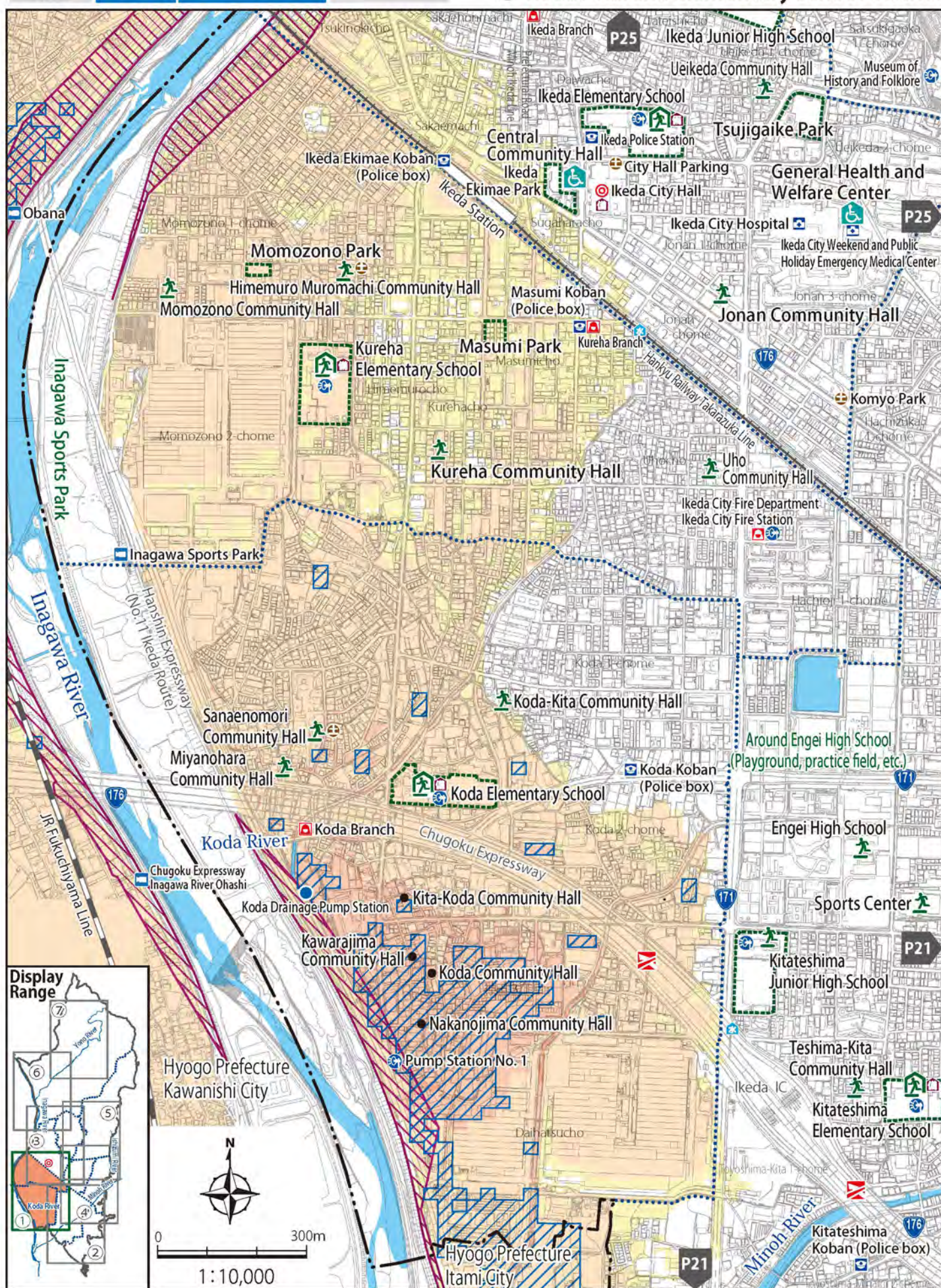
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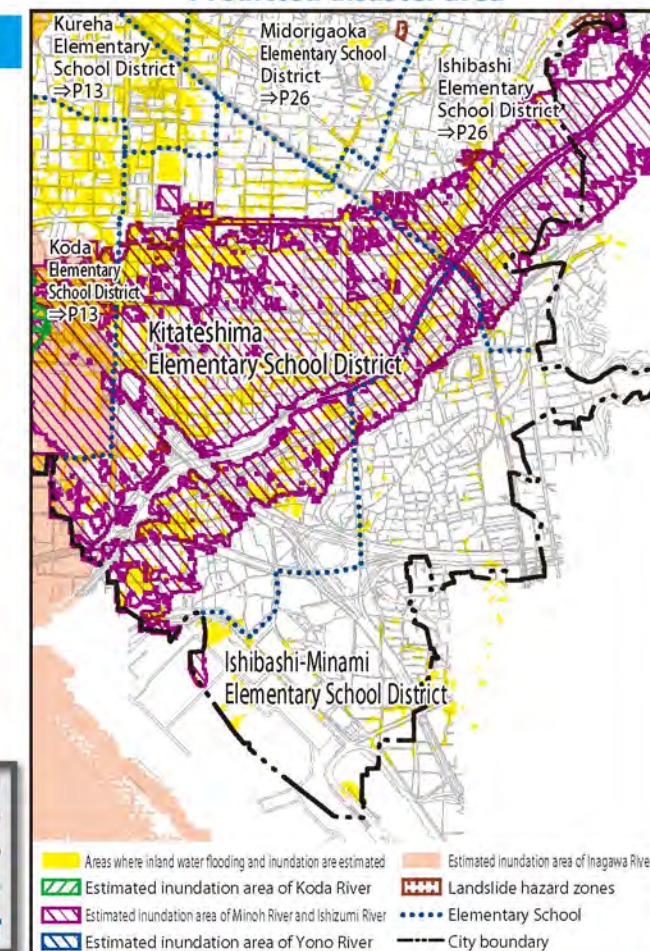
4 Preparation

① Koda / Kureha Elementary School District



② Kitateshima / Ishibashi-Minami Elementary School District Chart by school district

Predicted disaster area



Point 1 Predicted disasters

- In Kitateshima Elementary School district, inland water flooding, flooding (Inagawa River), and flooding (Minoh River) due to heavy rain are predicted. In the event of flooding of the Minoh River, a wide area of the school district may be inundated.
- In Ishibashi-Minami Elementary School district, inland water flooding and flooding (Minoh River) due to heavy rain are predicted.
- Areas requiring early evacuation and shelter along Minoh River are designated.
- Areas not designated as landslide hazard zones.



Point 2 Damage estimation of the area where you live

Kitateshima Elementary School District				
Address, name of the town	Inland water (maximum flood depth)	Flood (maximum flood depth)		Landslide
		Minoh River	Inagawa River	
Sumiyoshi 1-chome 2-5, 14-19	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	—	—
Sumiyoshi 2-chome 1-3, 14	0.5 ~ less than 3.0 m	0.5 ~ less than 3.0 m	—	—
Soen 1-chome	0.1 ~ less than 0.5 m	less than 0.5 m	—	—
Soen 2-chome	0.5 ~ less than 3.0 m	0.5 ~ less than 3.0 m	—	—
Tenjin 1-chome	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	—	—
Tenjin 2-chome	0.1 ~ less than 0.5 m	3.0 ~ less than 5.0 m	—	—
Hachioji 2-chome	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	—	—
Toyoshima-Minami 1-chome	0.5 ~ less than 3.0 m	0.5 ~ less than 3.0 m	—	—
Toyoshima-Minami 2-chome	0.5 ~ less than 3.0 m	0.5 ~ less than 3.0 m	0.5 ~ less than 3.0 m	—
Toyoshima-Kita 1-chome	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	less than 0.5 m	—
Toyoshima-Kita 2-chome	0.1 ~ less than 0.5 m	0.5 ~ less than 3.0 m	—	—

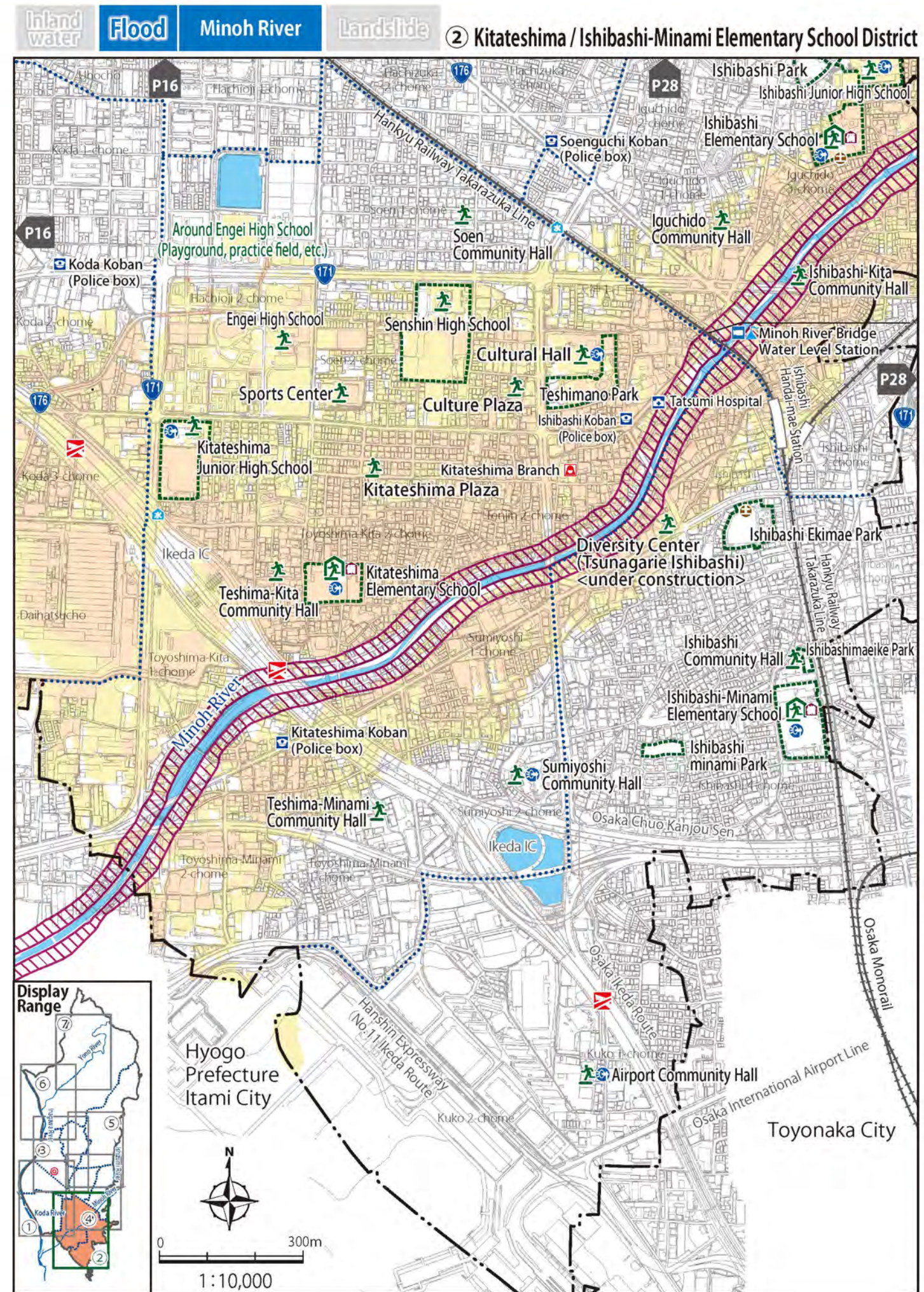
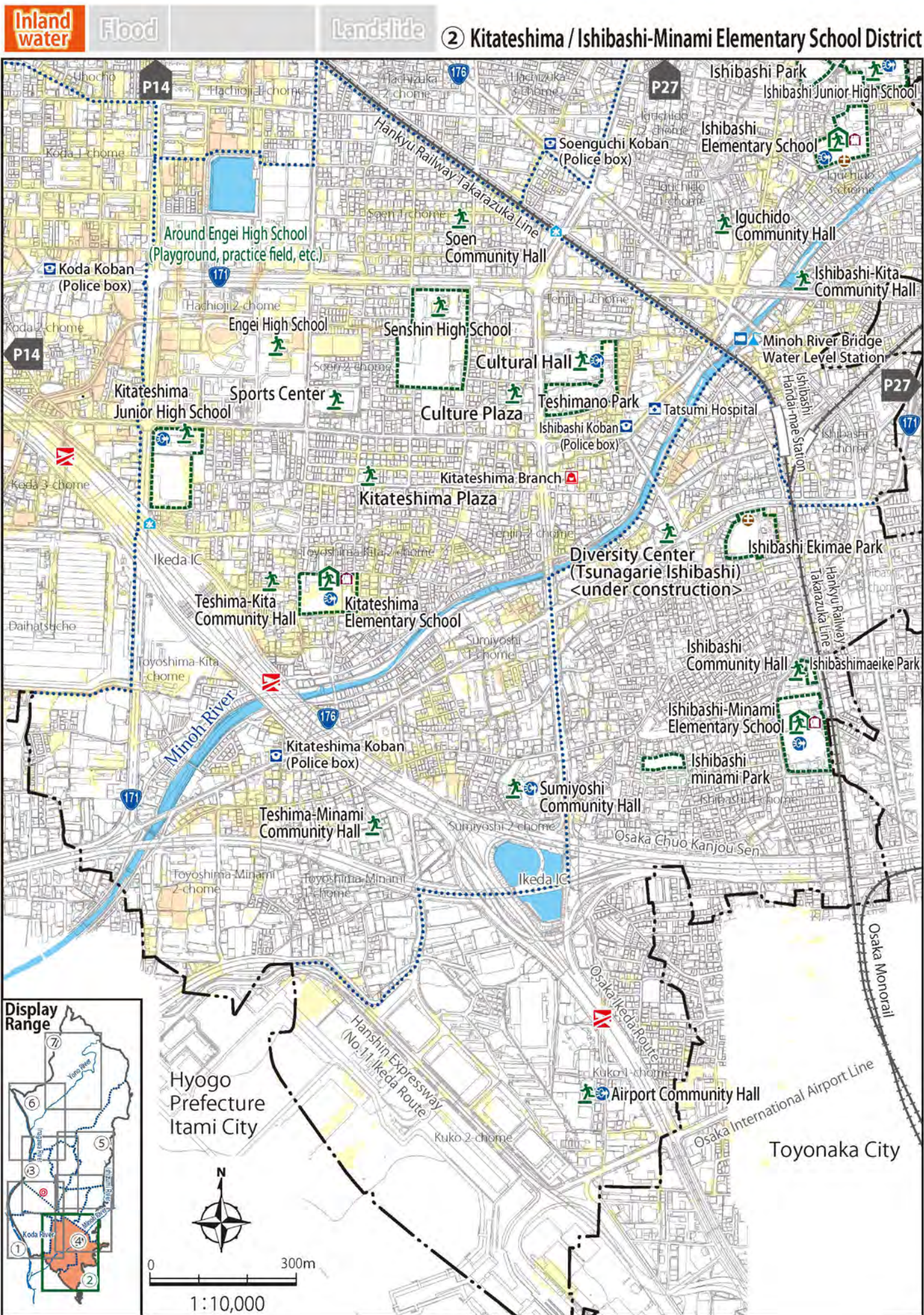
Ishibashi-Minami Elementary School District				
Address, name of the town	Inland water (maximum flood depth)	Flood (maximum flood depth)		Landslide
		Minoh River	Inagawa River	
Kuko 1-chome	0.5 ~ less than 3.0 m	—	—	—
Kuko 2-chome	0.5 ~ less than 3.0 m	less than 0.5 m	—	—
Sumiyoshi 1-chome 1, 6-13	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	—	—
Sumiyoshi 2-chome 4-13	0.5 ~ less than 3.0 m	—	—	—
Ishibashi 1-chome	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	—	—
Ishibashi 3-chome	0.1 ~ less than 0.5 m	—	—	—
Ishibashi 4-chome	0.1 ~ less than 0.5 m	—	—	—

Point 3 When evacuating outside your house

According to the results of Evacuation decision flowchart (P11), evacuate safely and early. When evacuating to an evacuation site, confirm whether it is available and if the evacuation route is safe.

Designated emergency evacuation sites Please refer to P3 for details

Elementary School district	Name	Flood	Landslide	Designated evacuation site
Kitateshima Elementary School District	Kitateshima Elementary School	△	○	○
	Kitateshima Junior High School	△	○	○
	Engei High school	△	○	○
	Senshin High School	△	○	○
	Soen Community Hall	○	○	○
	Sumiyoshi Community Hall	○	○	○
	Teshima-Kita Community Hall	△	○	○
	Kitateshima Plaza	△	○	○
	Teshima-Minami Community Hall	△	○	○
	Cultural Hall	△	○	○
Ishibashi-Minami Elementary School District	Ishibashi-Minami Elementary School	○	○	○
	Ishibashi Community Hall	○	○	○
	Kuko Community Hall	○	○	○
	Diversity Center (Tsunagarie Ishibashi)	○	○	○



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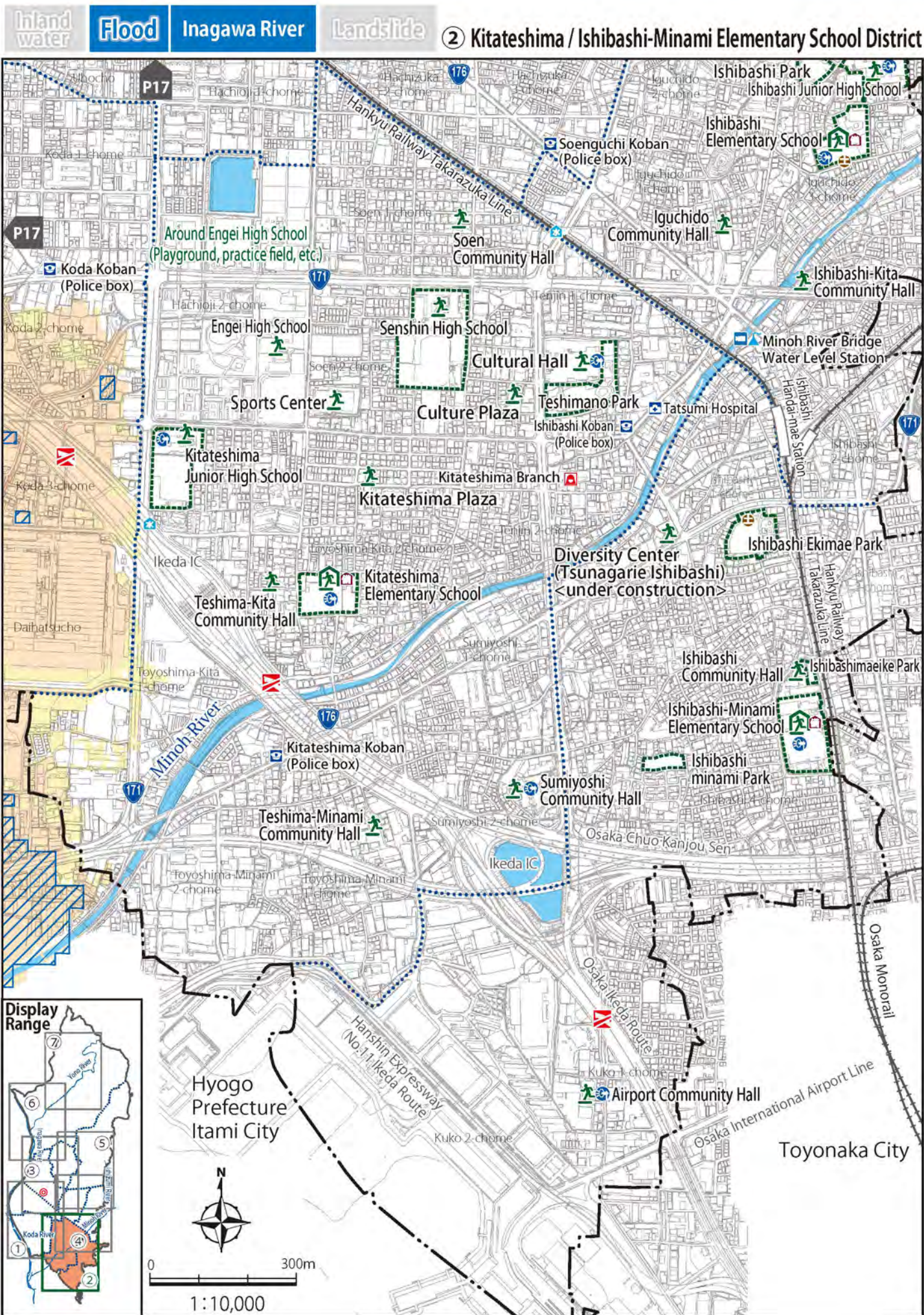
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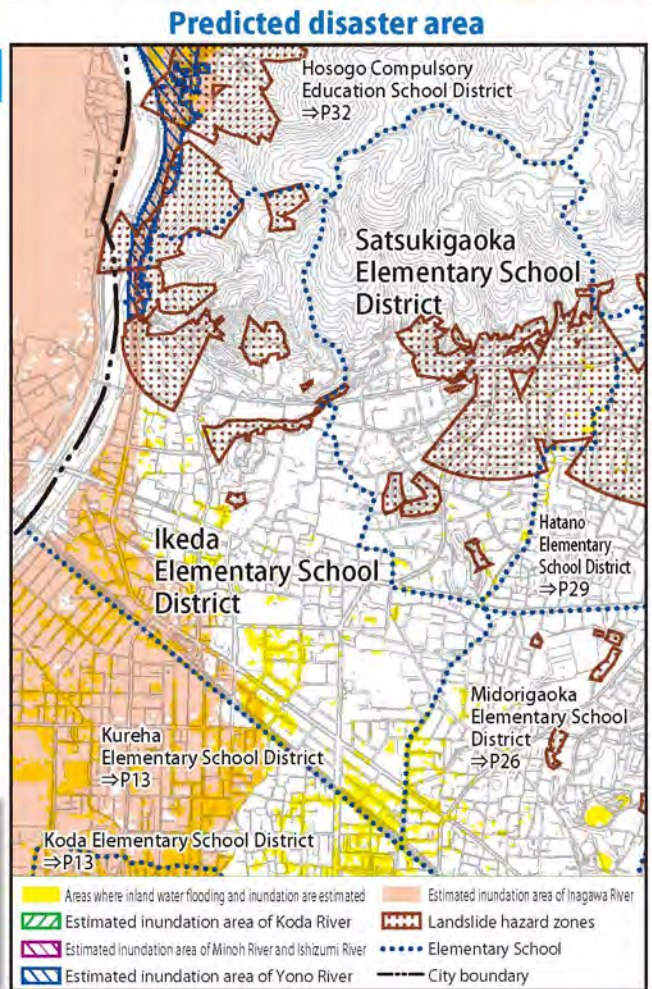
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③ Ikeda / Satsukigaoka Elementary School District Chart by school district

Point 1 Predicted disasters

- In Ikeda Elementary School district, inland water flooding, flooding (Inagawa River), flooding (Yono River), and landslide due to heavy rain are predicted. In Ikeda Elementary School district, some areas have been designated as Landslide hazard zones.
- In Satsukigaoka Elementary School district, due to heavy rain, inland water flooding and landslide are predicted. Landslide hazard zones are designated in wide areas of the school district.
- Along Inagawa River, the areas requiring early evacuation and shelter are designated.



Point 2 Damage estimation of the area where you live

Ikeda Elementary School District				
Address, name of the town	Inland water (maximum flood depth)	Flood (maximum flood depth)		Landslide
		Yono River	Inagawa River	
Ayaha 1-chome	0.1 ~ less than 0.5 m	—	—	—
Ayaha 2-chome	0.5 ~ less than 3.0 m	0.5 ~ less than 3.0 m	0.5 ~ less than 3.0 m	YES
Sakaemachi	0.5 ~ less than 3.0 m	—	0.5 ~ less than 3.0 m	—
Sakaehonmachi	0.5 ~ less than 3.0 m	—	0.5 ~ less than 3.0 m	—
Tateishicho	0.5 ~ less than 3.0 m	—	—	YES
Ueiked 1-chome	0.5 ~ less than 3.0 m	—	—	—
Ueiked 2-chome	0.1 ~ less than 0.5 m	—	—	—
Shiroyamacho	0.1 ~ less than 0.5 m	—	—	YES
Jonan 1-chome	0.1 ~ less than 0.5 m	—	—	—
Jonan 2-chome	0.5 ~ less than 3.0 m	—	less than 0.5 m	—
Jonan 3-chome	0.5 ~ less than 3.0 m	—	—	—
Shinmachi	0.1 ~ less than 0.5 m	0.5 ~ less than 3.0 m	0.5 ~ less than 3.0 m	YES
Sugaharacho	0.1 ~ less than 0.5 m	—	0.5 ~ less than 3.0 m	—
Nishihonmachi	0.1 ~ less than 0.5 m	—	0.5 ~ less than 3.0 m	—
Daiwacho	0.1 ~ less than 0.5 m	—	—	—
Tsukinokicho	0.1 ~ less than 0.5 m	—	0.5 ~ less than 3.0 m	—

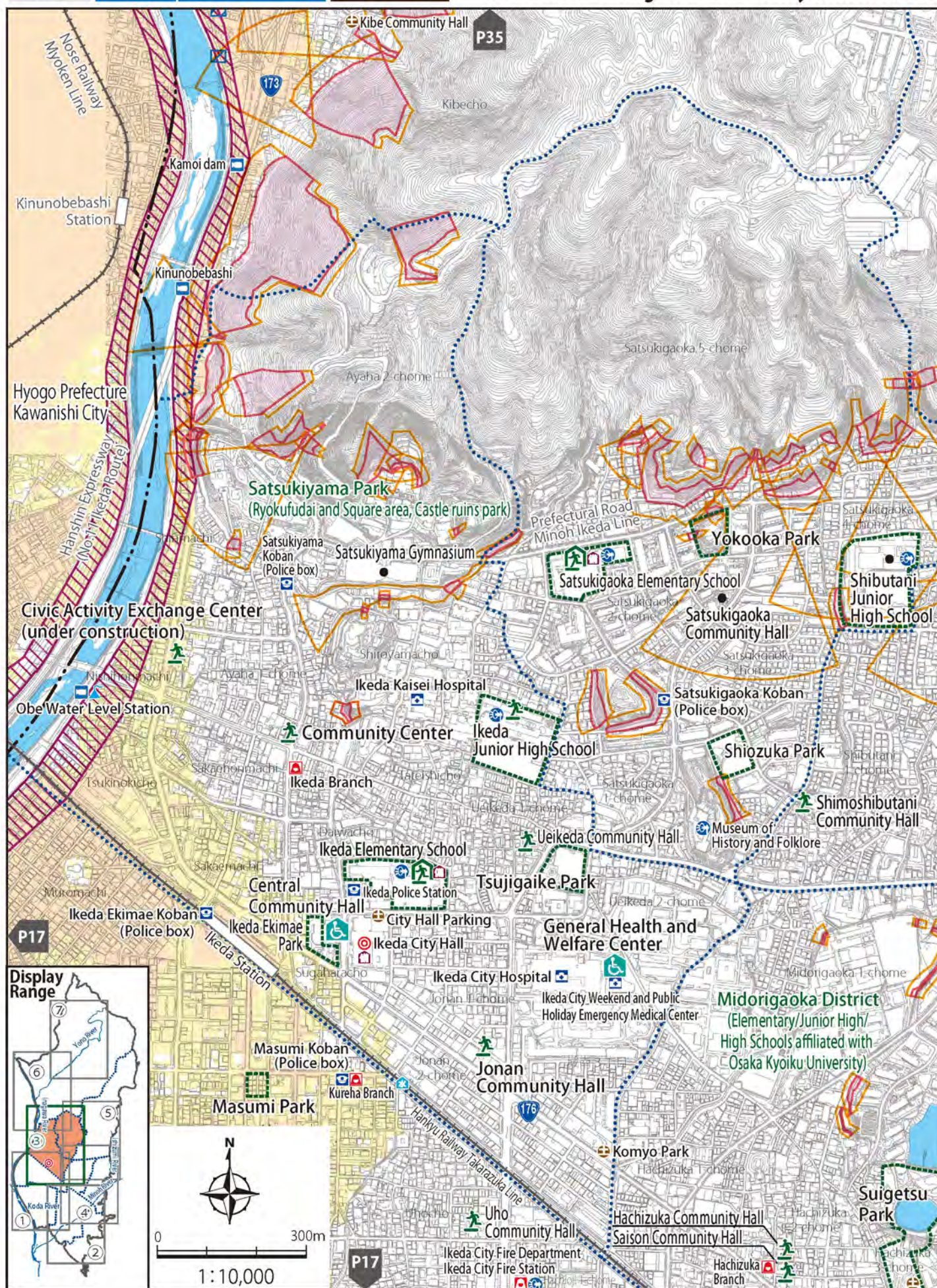
Satsukigaoka Elementary School District				
Address, name of the town	Inland water (maximum flood depth)	Flood (maximum flood depth)		Landslide
		Yono River	Inagawa River	
Satsukigaoka 1-chome	0.5 ~ less than 3.0 m	—	—	YES
Satsukigaoka 2-chome	0.1 ~ less than 0.5 m	—	—	YES
Satsukigaoka 3-chome	0.5 ~ less than 3.0 m	—	—	YES
Satsukigaoka 4-chome	0.1 ~ less than 0.5 m	—	—	YES
Satsukigaoka 5-chome	0.5 ~ less than 3.0 m	—	—	YES

Point 3 When evacuating outside your house

According to the results of Evacuation decision flowchart (P11), evacuate safely and early. When evacuating to an evacuation site, confirm whether it is available and if the evacuation route is safe.

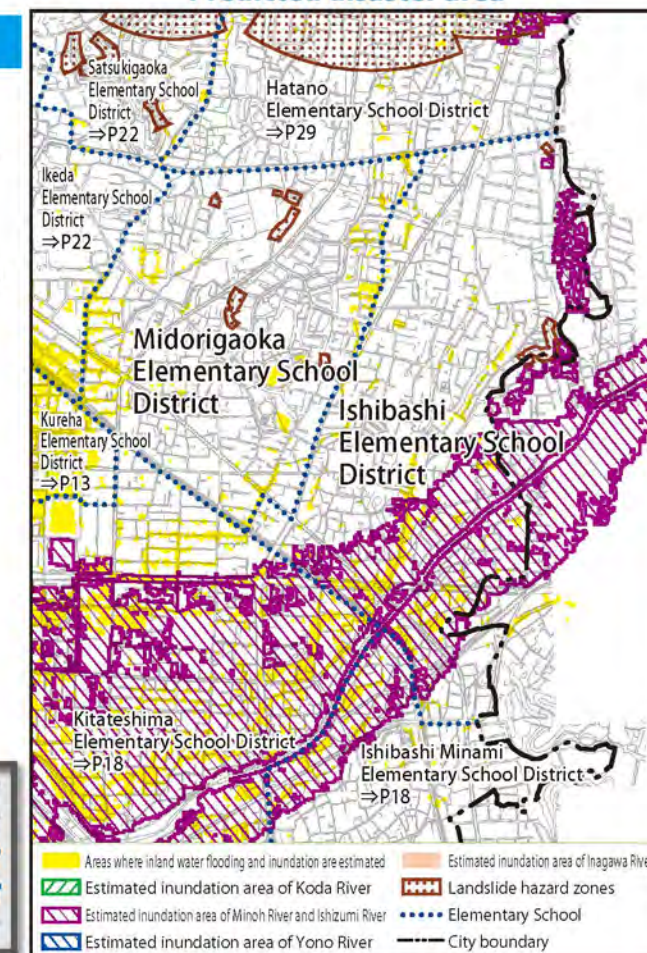
Designated emergency evacuation sites				
Elementary School district	Name	Please refer to P3 for details		
		Flood	Landslide	Designated site for evacuation
Ikeda Elementary School District	Ikeda Elementary School	○	○	○
	Ikeda Junior High School	○	○	○
	Community Center	○	○	○
	Civic Activity Exchange Center	○	○	○
	Ueiked Community Hall	○	○	○
Satsukigaoka Elementary School District	Satsukiyama Gymnasium	○	△	○
	Satsukigaoka Elementary School	○	○	○
	Shibutani Junior High School	○	×	○
	Satsukigaoka Community Hall	○	×	○

③ Ikeda / Satsukigaoka Elementary School District



④ Midorigaoka / Ishibashi Elementary School District Chart by school district

Predicted disaster area



Point 1 Predicted disasters

- In Midorigaoka Elementary School district, due to heavy rain, inland water flooding and landslide are predicted.
- In Ishibashi Elementary School district, due to heavy rain, inland water flooding and flood (Minoh River, Ishizumi River), and landslide are predicted.
- In Midorigaoka and Ishibashi Elementary School district, some areas have been designated as Landslide hazard zones.
- Along Minoh River and Ishizumi River, the areas requiring early evacuation and shelter are designated.



Point 2 Damage estimation of the area where you live

Midorigaoka Elementary School District

Address, name of the town	Inland water (maximum flood depth)	Flood (maximum flood depth)			Landslide
		Minoh River, Ishizumi River	Inagawa River		
Hachizuka 1-chome	0.5 ~ less than 3.0 m	—	—	—	—
Hachizuka 2-chome	0.5 ~ less than 3.0 m	—	—	—	YES
Hachizuka 3-chome	0.5 ~ less than 3.0 m	—	—	—	YES
Midorigaoka 1-chome	0.5 ~ less than 3.0 m	—	—	—	YES
Midorigaoka 2-chome	0.5 ~ less than 3.0 m	—	—	—	YES

Ishibashi Elementary School District

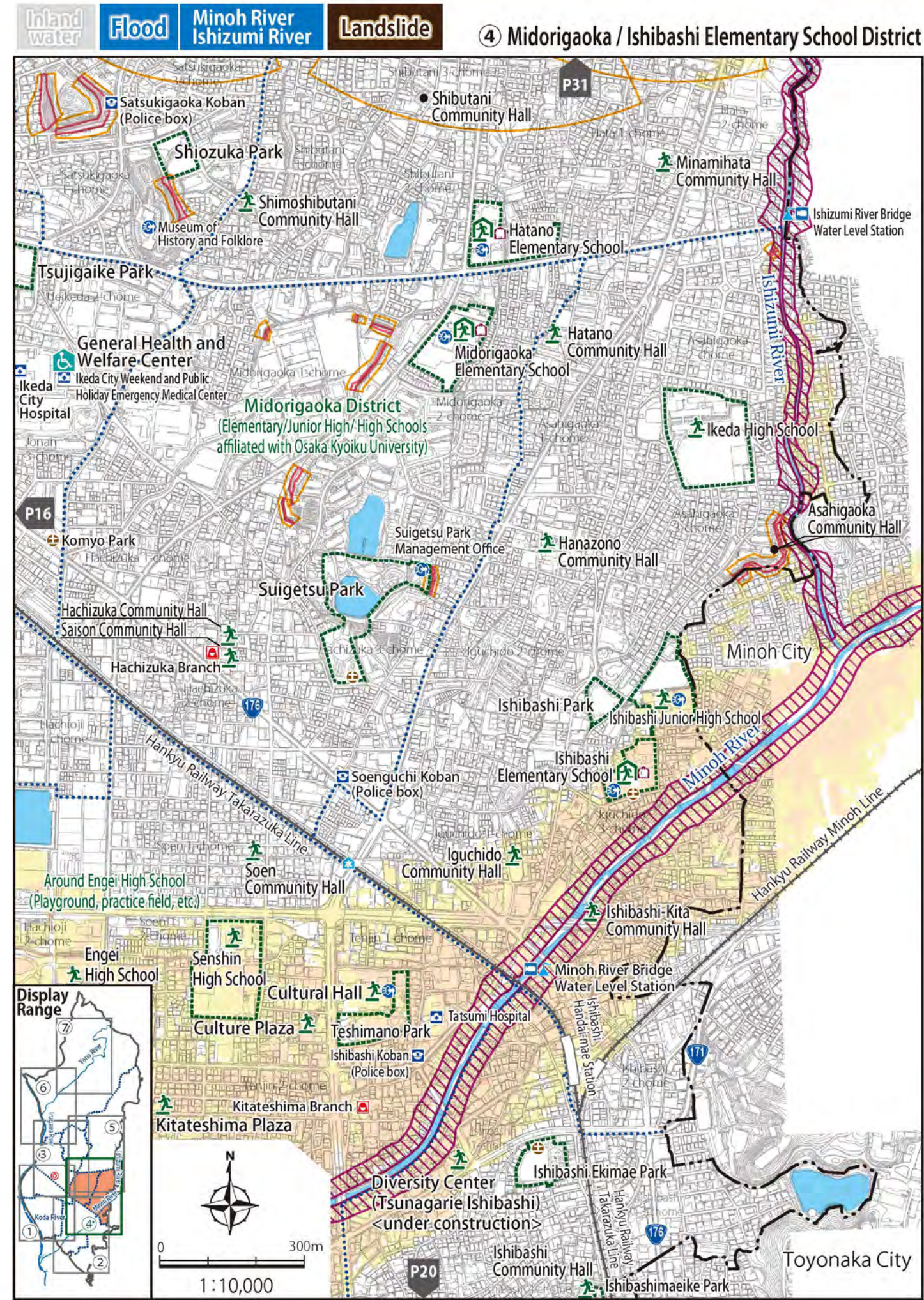
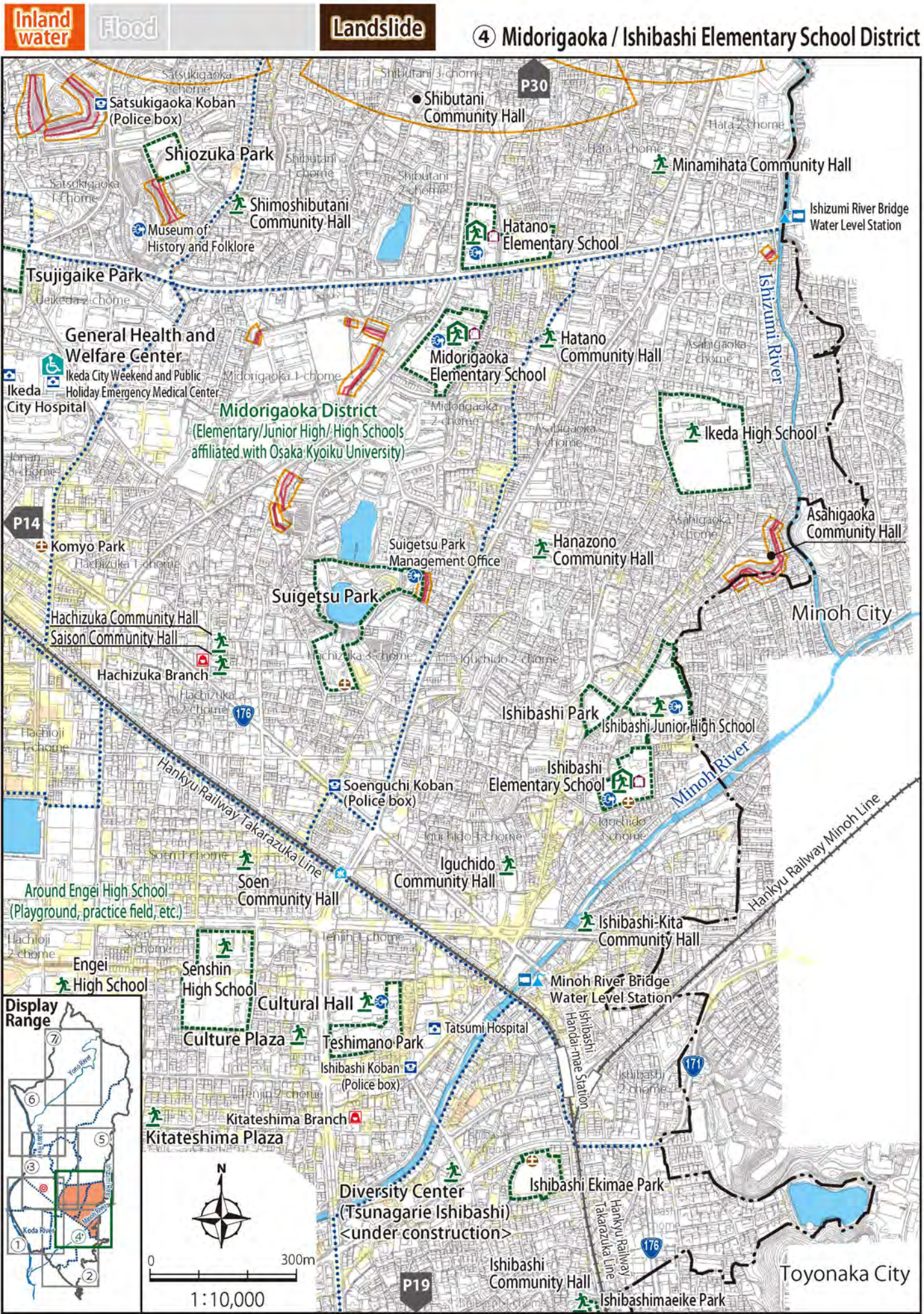
Address, name of the town	Inland water (maximum flood depth)	Flood (maximum flood depth)			Landslide
		Minoh River, Ishizumi River	Inagawa River		
Asahigaoka 1-chome	0.5 ~ less than 3.0 m	—	—	—	—
Asahigaoka 2-chome	0.1 ~ less than 0.5 m	3.0 ~ less than 5.0 m	—	—	YES
Asahigaoka 3-chome	0.5 ~ less than 3.0 m	5.0 m or more	—	—	YES
Iguchido 1-chome	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	—	—	—
Iguchido 2-chome	0.5 ~ less than 3.0 m	—	—	—	—
Iguchido 3-chome	0.5 ~ less than 3.0 m	5.0 m or more	—	—	—
Ishibashi 2-chome	0.5 ~ less than 3.0 m	5.0 m or more	—	—	—

Point 3 When evacuating outside your house

According to the results of Evacuation decision flowchart (P11), evacuate safely and early. When evacuating to an evacuation site, confirm whether it is available and if the evacuation route is safe.

Designated emergency evacuation sites

Elementary School district	Name	Flood	Landslide	Evacuation sites
Midorigaoka Elementary School District	Midorigaoka Elementary School	○	○	○
	Hachizuka Community Hall	○	○	○
	Saison Community Hall	○	○	○
Ishibashi Elementary School District	Ishibashi Elementary School	△	○	○
	Ishibashi Junior High School	△	○	○
	Ikeda High School	○	○	○
	Asahigaoka Community Hall	○	×	○
	Hanazono Community Hall	○	○	○
Ishibashi Elementary School District	Hatano Community Hall	○	○	○
	Ishibashi-Kita Community Hall	△	○	○
	Iguchido Community Hall	△	○	○

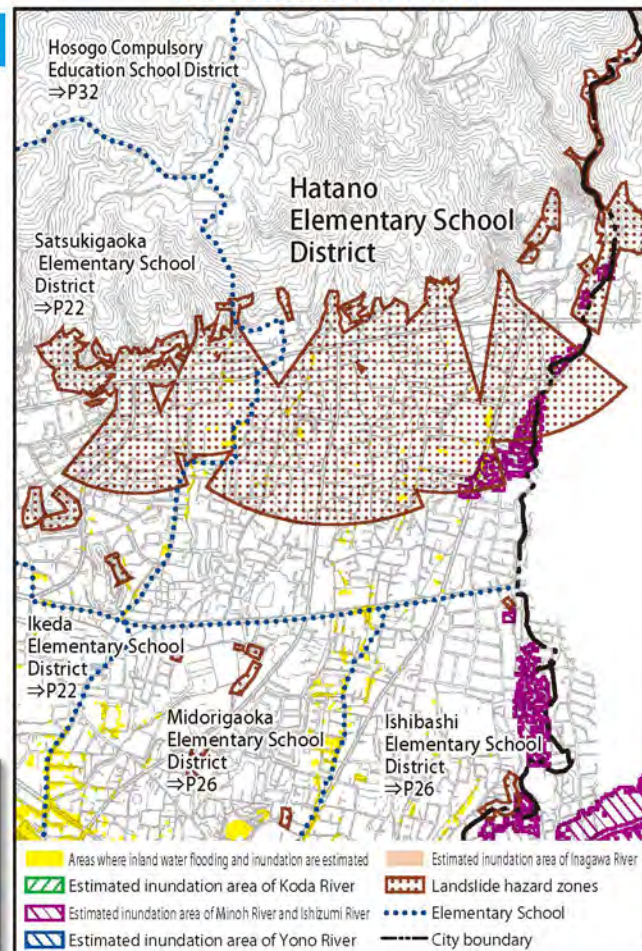


⑤ Hatano Elementary School District Chart by school district

Predicted disaster area

Point 1 Predicted disasters

- In Hatano Elementary School district, inland water flooding and flooding (Ishizumi River), and landslide due to heavy rain are predicted. Landslide hazard zones are designated in wide areas of the school district.
- Along Ishizumi River, areas requiring early evacuation and shelter are designated.



Point 2 Damage estimation of the area where you live

Hatano Elementary School District

Address, name of the town	Inland water (maximum flood depth)	Flood (maximum flood depth)		Landslide
		Ishizumi River		
Shibutani 1-chome	0.5 ~ less than 3.0 m	—	—	YES
Shibutani 2-chome	—	—	—	YES
Shibutani 3-chome	0.5 ~ less than 3.0 m	—	—	YES
Hata 1-chome	0.1 ~ less than 0.5 m	0.5 ~ less than 3.0 m	—	YES
Hata 2-chome	0.1 ~ less than 0.5 m	3.0 ~ less than 5.0 m	—	YES
Hata 3-chome	0.1 ~ less than 0.5 m	—	—	YES
Hata 4-chome	0.1 ~ less than 0.5 m	0.5 ~ less than 3.0 m	—	YES
Hata 5-chome	—	0.5 ~ less than 3.0 m	—	YES

Point 3 When evacuating outside your house

According to the results of Evacuation decision flowchart (P11), evacuate safely and early. When evacuating to an evacuation site, confirm whether it is available and if the evacuation route is safe.

Designated emergency evacuation sites		Please refer to P3 for details		
Elementary School district	Name	Flood	Landslide	Designated emergency evacuation site
Hatano Elementary School District	Hatano Elementary School	○	○	○
	Shibutani High School	○	×	○
	Shibutani Community Hall	○	×	○
	Minamihata Community Hall	○	○	○
	Hata Community Hall	○	×	○
	Shimoshibutani Community Hall	○	○	○

Disaster Prevention Articles

Correlation between a blackout and water stoppage (in an apartment)

Causes of water stoppage due to a blackout

Water supply systems can be broadly divided into "direct water supply," "pressure water service," and "receiving tank type water supply." Many apartment use a "pressure water service system" or "receiving tank type water supply system." Tap water is sent to each room using a pump owned by resident of the house. When a blackout occurs, the pump stops operating and as a result, water cannot be dispensed.

When the water stops due to a blackout

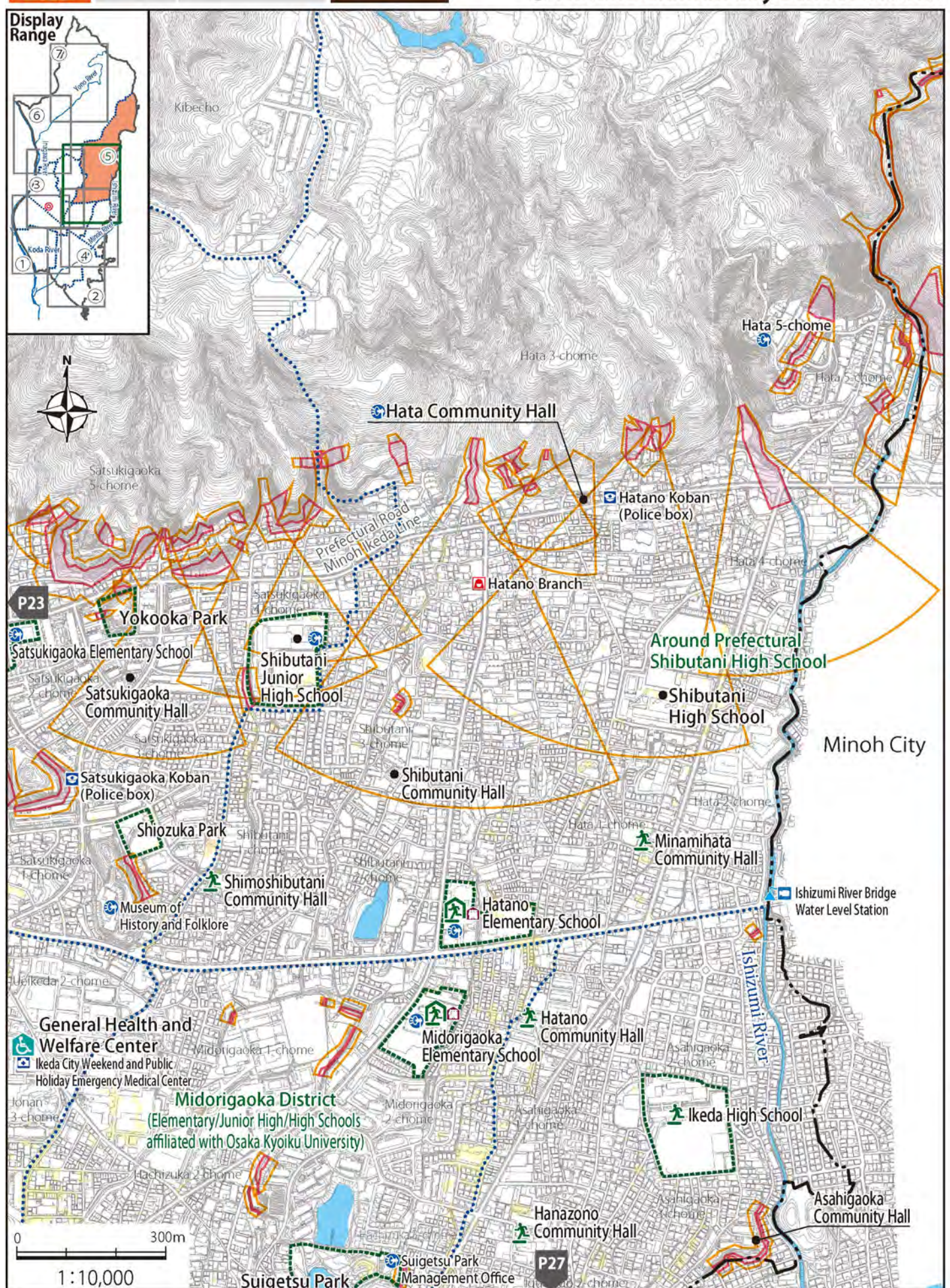
If you live in an apartment, contact the management company first. Some apartments have emergency water taps that can supply water even during a blackout.

To prepare for water stoppage

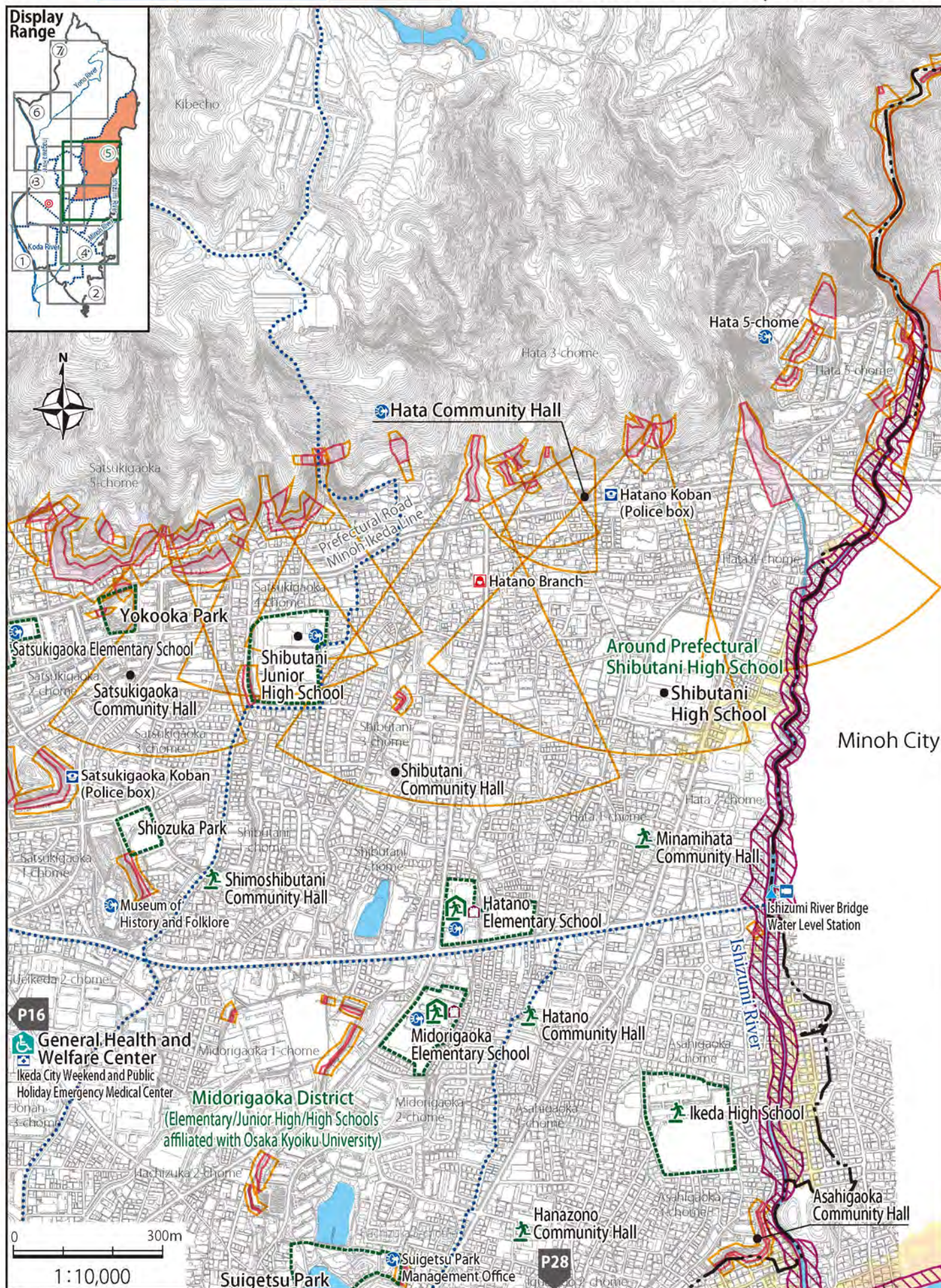
If the bathtub is filled with water, the water can be used to flush the toilet, etc. If you live in an apartment building, please check with the management company about your water supply system and whether or not you will have an emergency water tap. Be aware of your situation in advance.

[Inquiries] Water Supply Construction Division Tel. 072-754-6190/072-754-6133

Inland water Flood Landslide ⑤ Hatano Elementary School District



⑤ Hatano Elementary School District



⑥⑦ Hosogo Compulsory Education School District Chart by school district

Point 1 Predicted disasters

- In Hosogo Compulsory Education School district, inland water flooding, flooding (Inagawa River), flooding (Yono River), and landslide due to heavy rain are predicted. In some parts of Furuecho and Kibecho, the time period of flooding may continue for more than 1 day. Landslide hazard zones are designated in wide areas of the school district.
- Along Inagawa River and Yono River, areas requiring early evacuation and shelter are designated.



Point 2 Damage estimation of the area where you live

Address, name of the town	Inland water (maximum flood depth)	Flood (maximum flood depth)		Landslide
		Minoh River	Inagawa River	
Yoshidacho	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	—	YES
Furuecho	3.0 ~ less than 5.0 m	5.0 m or more	5.0 m or more	YES
Nakagawaracho	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	3.0 ~ less than 5.0 m	YES
Higashiyamacho	0.5 ~ less than 3.0 m	5.0 m or more	—	YES
Fushiodai 1-chome	0.5 ~ less than 3.0 m	—	—	YES
Fushiodai 2-chome	—	—	—	—
Fushiodai 3-chome	—	—	—	—
Fushiodai 4-chome	0.5 ~ less than 3.0 m	—	—	YES
Fushiodai 5-chome	0.1 ~ less than 0.5 m	0.5 ~ less than 3.0 m	—	YES
Fushiocho	—	5.0 m or more	—	YES
Kibecho	0.5 ~ less than 3.0 m	3.0 ~ less than 5.0 m	5.0 m or more	YES

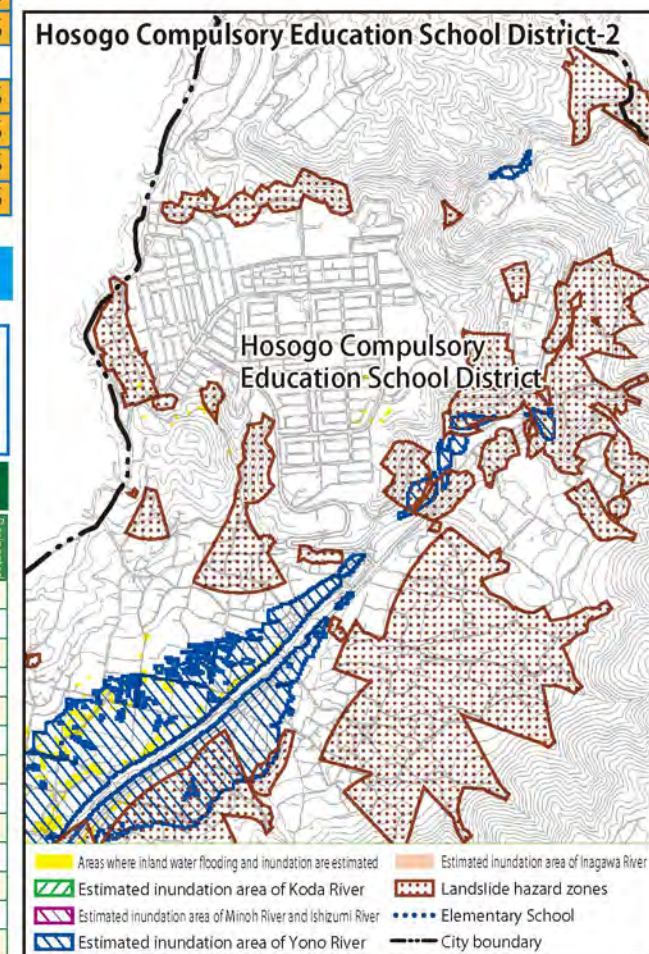
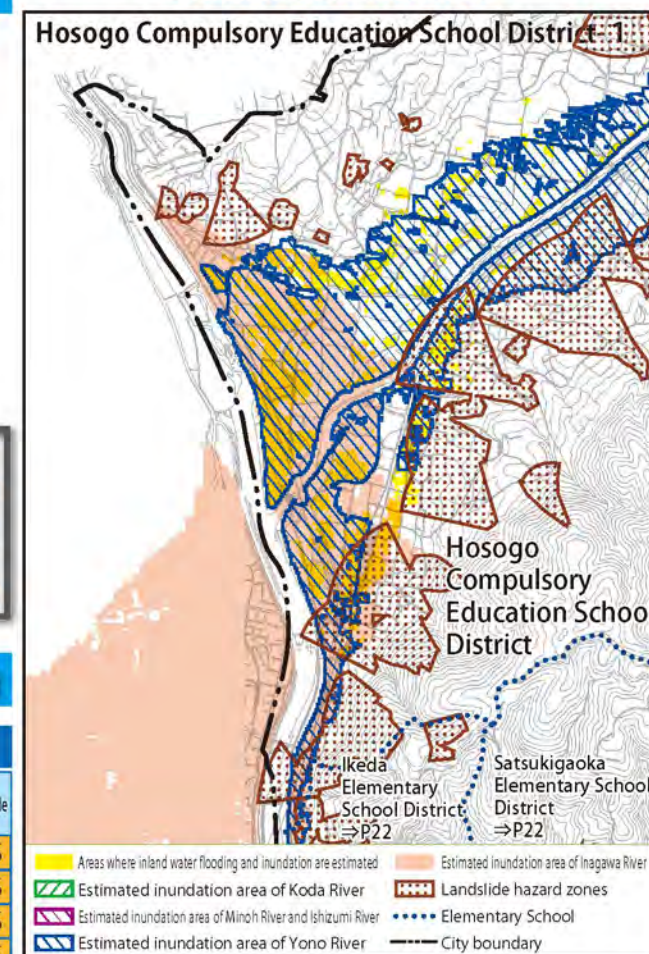
Point 3 When evacuating outside your house

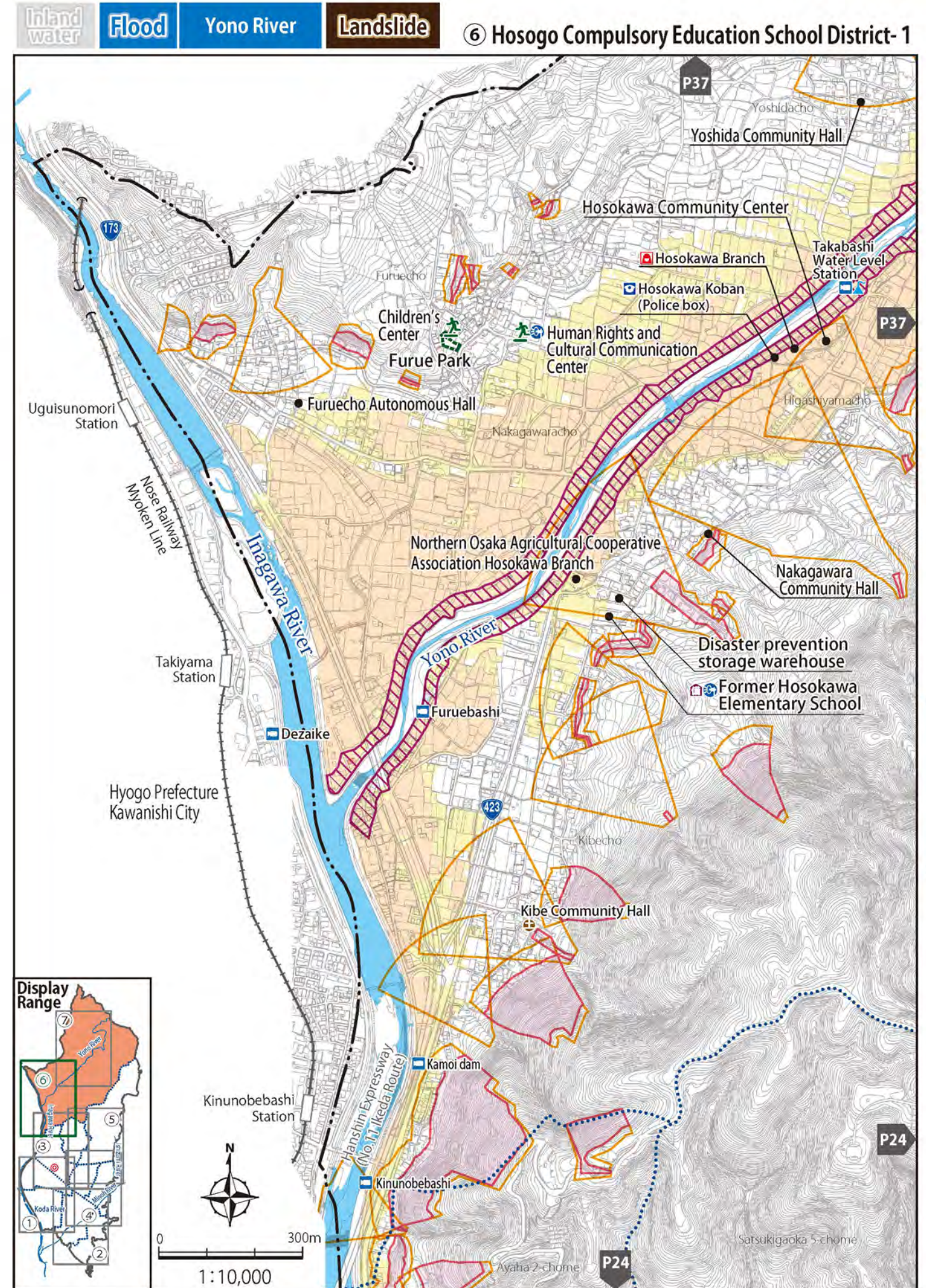
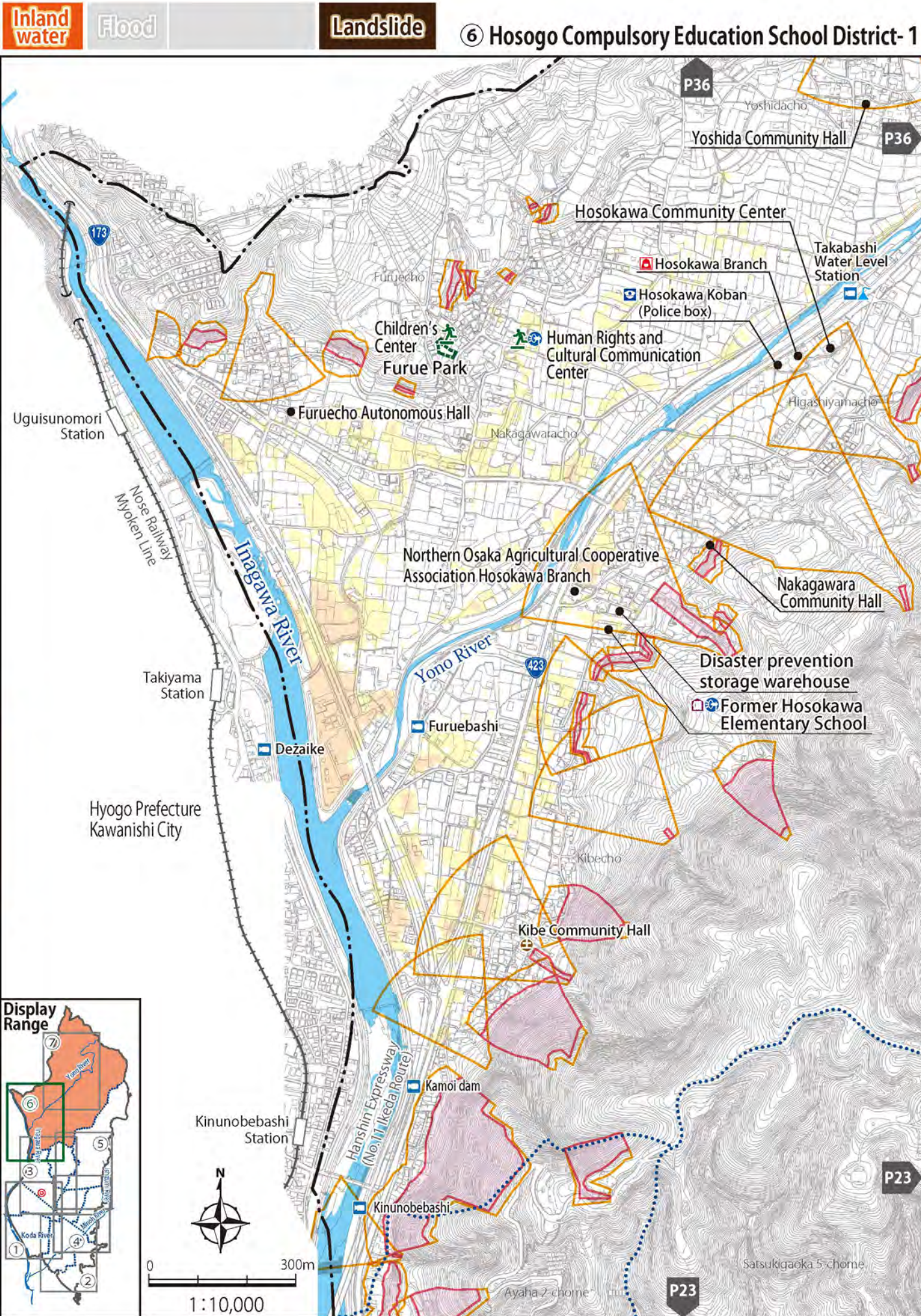
According to the results of Evacuation decision flowchart (P11), evacuate safely and early. When evacuating to an evacuation site, confirm whether it is available and if the evacuation route is safe.

Designated emergency evacuation sites Please refer to P3 for details

Elementary School district	Name	Flood	Landslide	Designated general evacuation site
Hosogo Compulsory Education School District	Former Hosokawa Elementary School	○	△	○
	Former Fushiodai Elementary School	○	○	○
	Hosogo Compulsory Education School	○	○	○
	Fushiodai Community Center Hall 1	○	○	○
	Hosokawa Community Center	×	×	○
	Fushio Community Hall	○	×	○
	Yoshida Community Hall	○	×	○
	Higashiyama Community Hall	○	△	○
	Nakagawara Community Hall	○	×	○
	Furuecho Autonomous Hall	×	△	○
	Children's Center	○	○	○
Human Rights and Cultural Communication Center	○	○	○	
Northern Osaka Agricultural Cooperative Association Hosokawa Branch	△	×	○	

Predicted disaster area





1 Introduction

2 Earthquake

3 Wind and Flood Damages

4 Preparation

1 Introduction

2 Earthquake

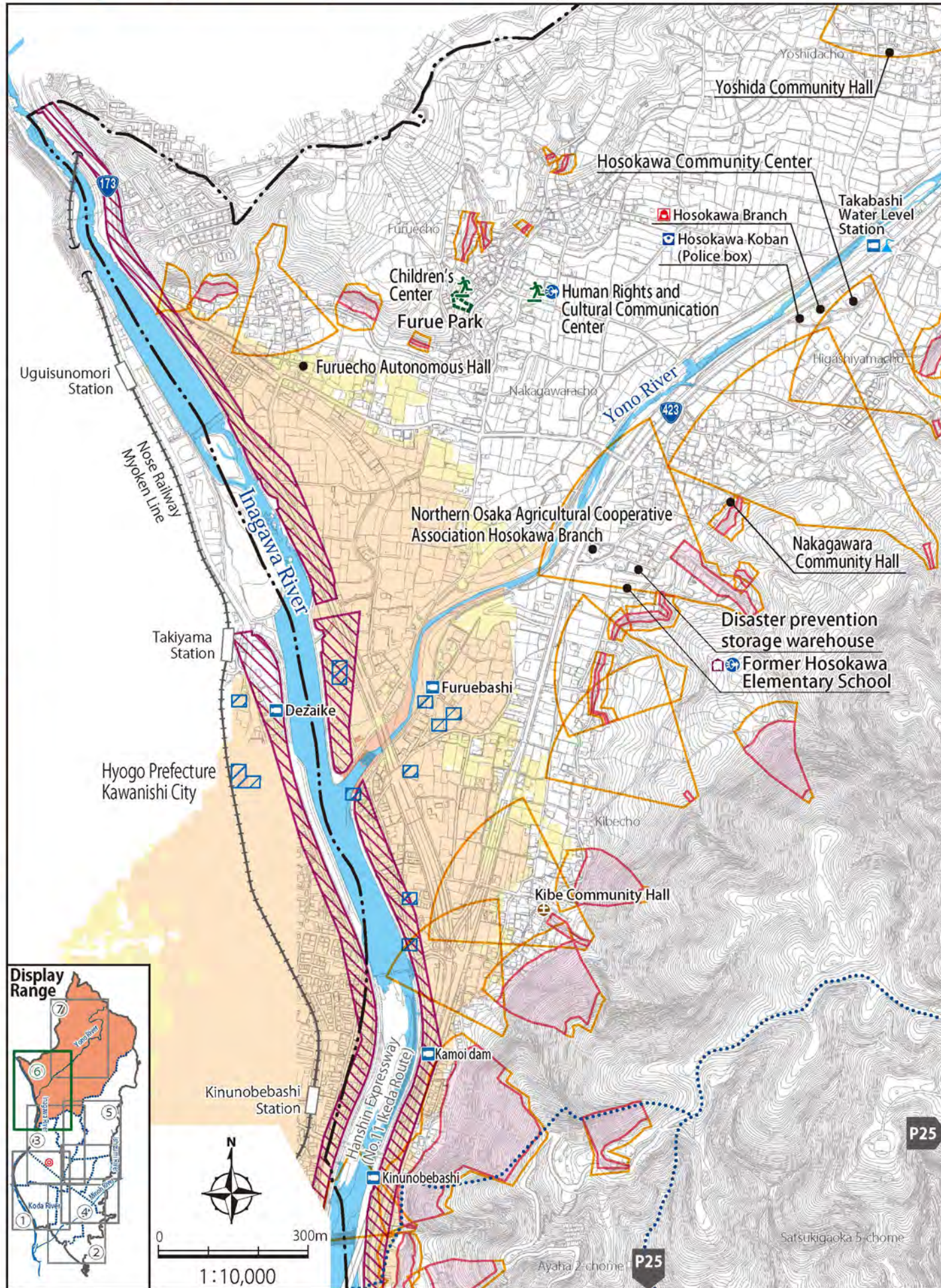
3 Wind and Flood Damages

4 Preparation



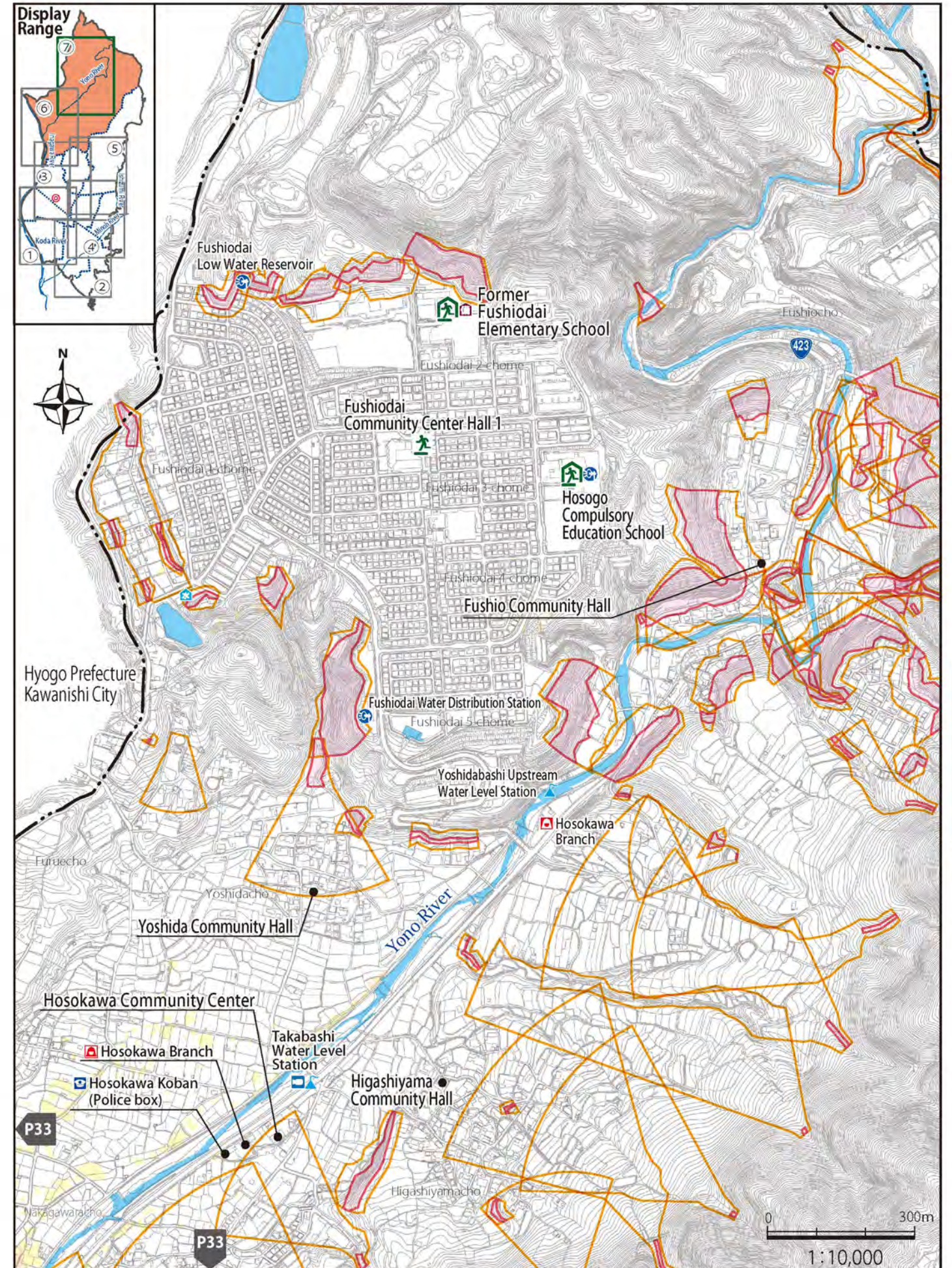
Inland water Flood Inagawa River Landslide

⑥ Hosogo Compulsory Education School District-1



Inland water Flood Landslide

⑦ Hosogo Compulsory Education School District-2



1 Introduction

2 Earthquake

3 Wind and Flood Damages

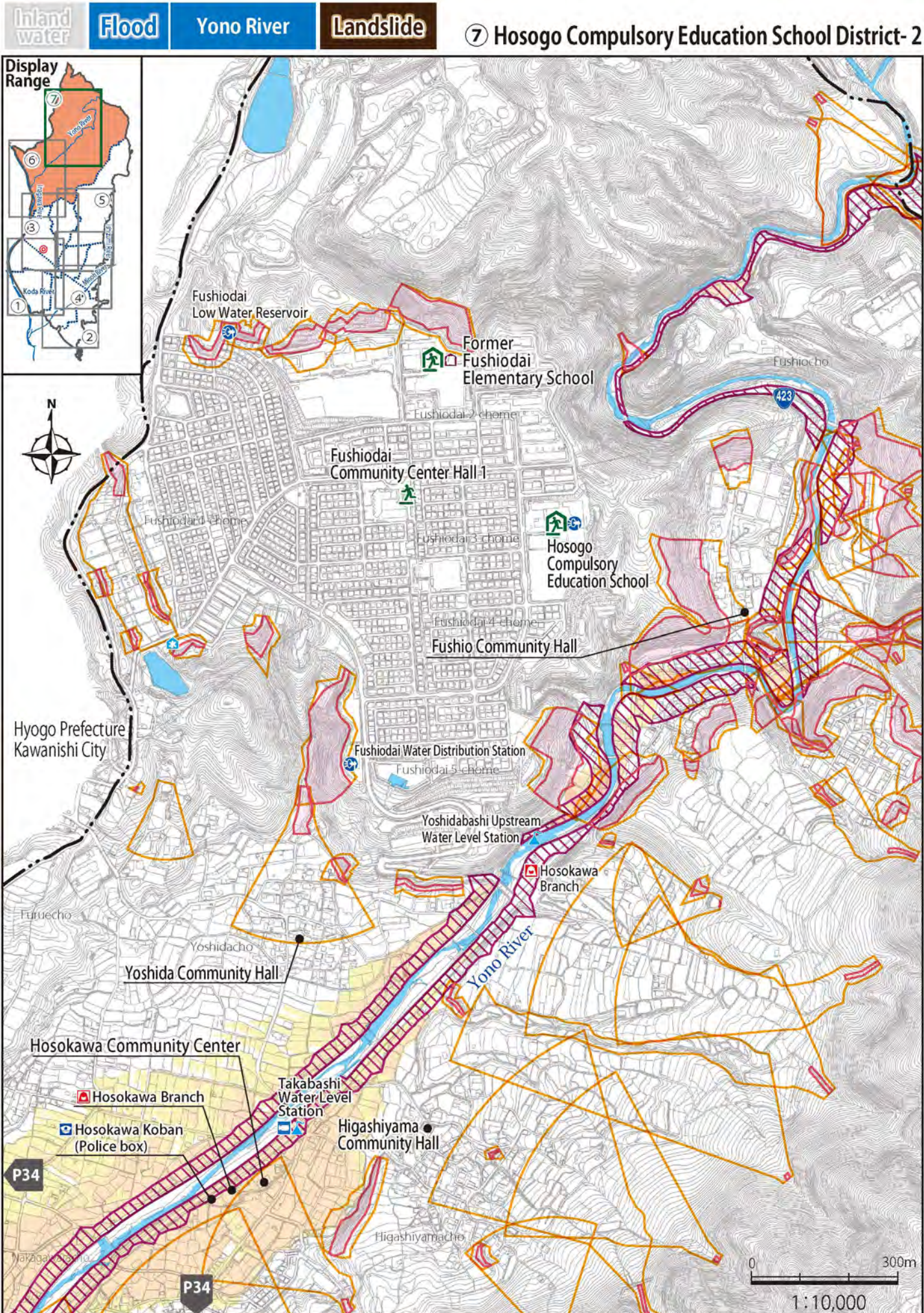
4 Preparation

1 Introduction

2 Earthquake

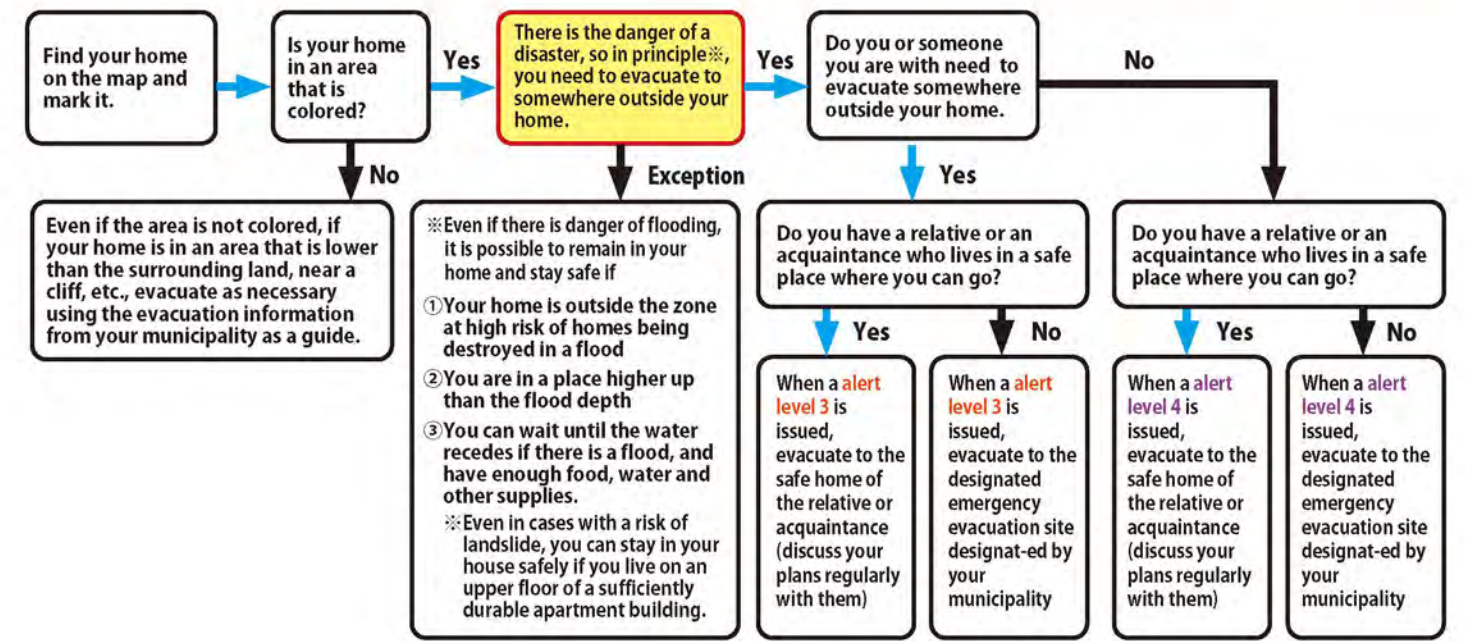
3 Wind and Flood Damages

4 Preparation



4-1. Let's make My timeline

With the mindset of protecting your own life, check the disaster risks at your home and the actions you should take.



Refer to: "Evacuation decision flowchart," Cabinet Office

Ikeda City

Disaster Prevention My Timeline

Write down the disaster risks of your house

- In the Landslide hazard zone
Yes No
- In a colored area where inundation is predicted
Yes No
(Flood depth: m)
- In a colored area for inland water flooding
Yes No
(Flood depth: m)
- Other risk factors ()

Action when an wind and flood damage occurs

Evacuation information, etc.	Conditions / Actions that residents should take	My disaster prevention actions
Alert Level 5 Emergency Safety Measures	Disaster occurrence/Disaster impending Danger to life: Protect yourself by sheltering in a safe place immediately!	
(Be sure to evacuate by Alert Level 4!)		
Alert Level 4 Evacuation Instruction	High risk of disaster Evacuate everyone from dangerous locations	
Alert Level 3 Evacuation of the Elderly, Etc.	Risk of disaster Evacuate the elderly and others at risk from dangerous locations	
Alert Level 2 Heavy rain and flood advisory	Weather worsening Check your plan of action for evacuating yourself	
Alert Level 1 Probability of Warnings	Risk of weather worsening Increase your awareness about disasters	