Flood Hazard Map for Asahi Ward

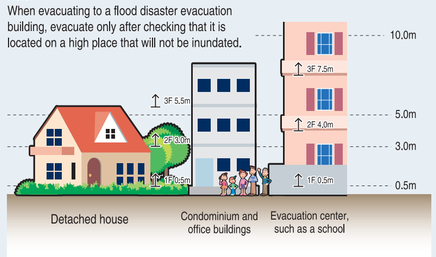
In Asahi Ward, inundation events due to flooding of the Yodo River, flooding in the Neyagawa River basin (Neyagawa River, Second Neyagawa River, Hirano River, diversion aqueducts of Hirano River, and Furukawa River), a storm surge, and inland flooding and tsunami inundation events due to a massive Nankai Trough earthquake are assumed to occur.

- ☐ Is the area where you live prone to inundation?
- ☐ Where is the nearest safe evacuation shelter?
- ☐ Are there any roads or underpasses that could be covered with water on the way to the evacuation shelter?

Using this map, check in advance where safe evacuation shelters (disaster shelters, etc.) are located and which evacuation route to take to ensure safe evacuation in the event of an emergency.
In the event of a large-scale inundation, disaster shelters are expected to be crowded. If evacuation shelters are located far from your house, you should expect that it will take time for the elderly to evacuate.
It is also important to secure more than one temporary shelter other than predesignated evacuation centers, such as securing condominium or other high buildings in the neighborhood by negotiating with owners in advance.
Moreover, since it is dangerous to move out of your house during stormy weather, remaining in your house can be an alternative to evacuation as long as you have made appropriate disaster preparations at home.

Note:
When evacuating to a flood disaster evacuation building, evacuate only after checking that it is located on a high place that will not be inundated.

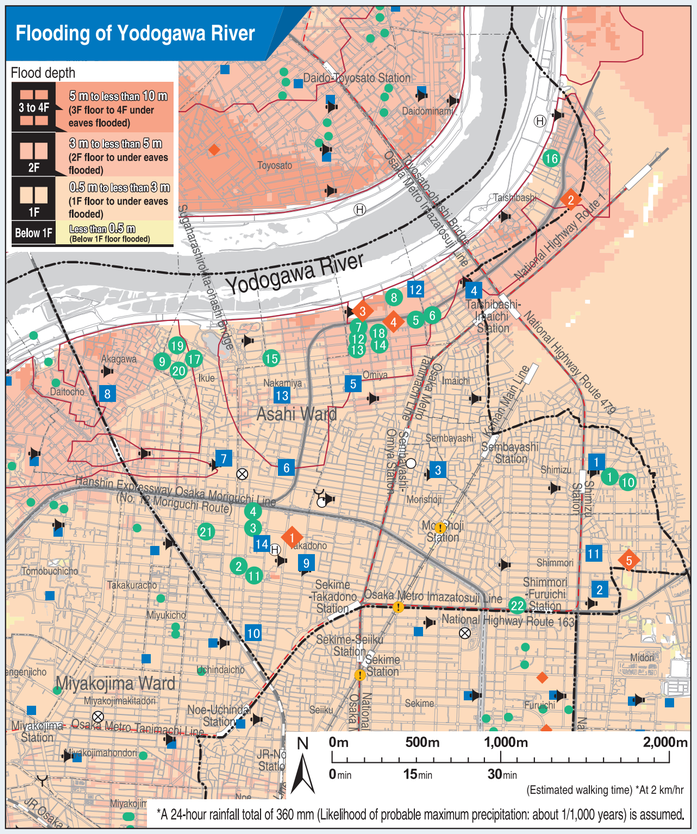
Evacuation Image



Safety measures for your house

Reduce the likelihood of your house being inundated and your home contents damaged.

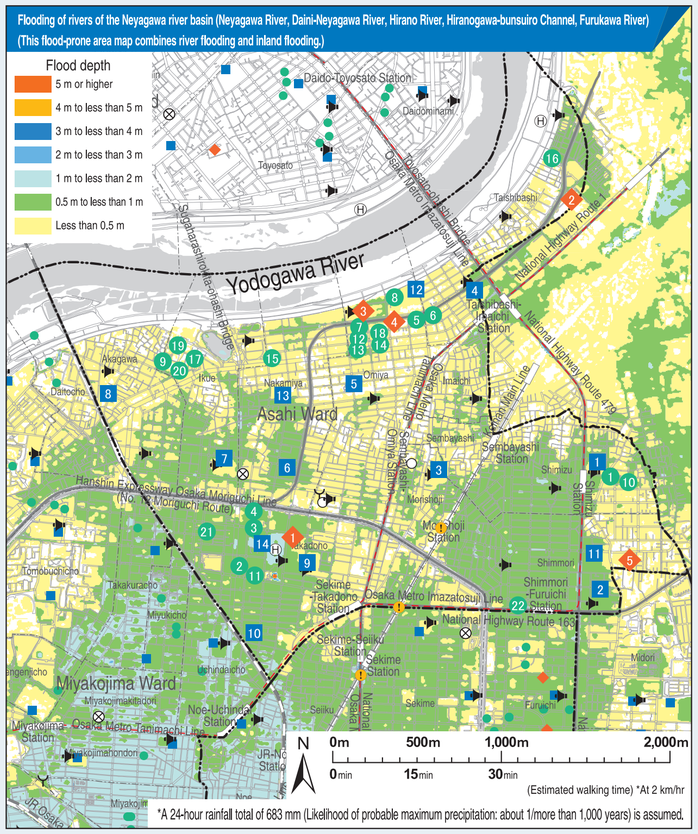
Flooding of Yodogawa River



*A 24-hour rainfall total of 360 mm (Likelihood of probable maximum precipitation: about 1/1,000 years) is assumed.

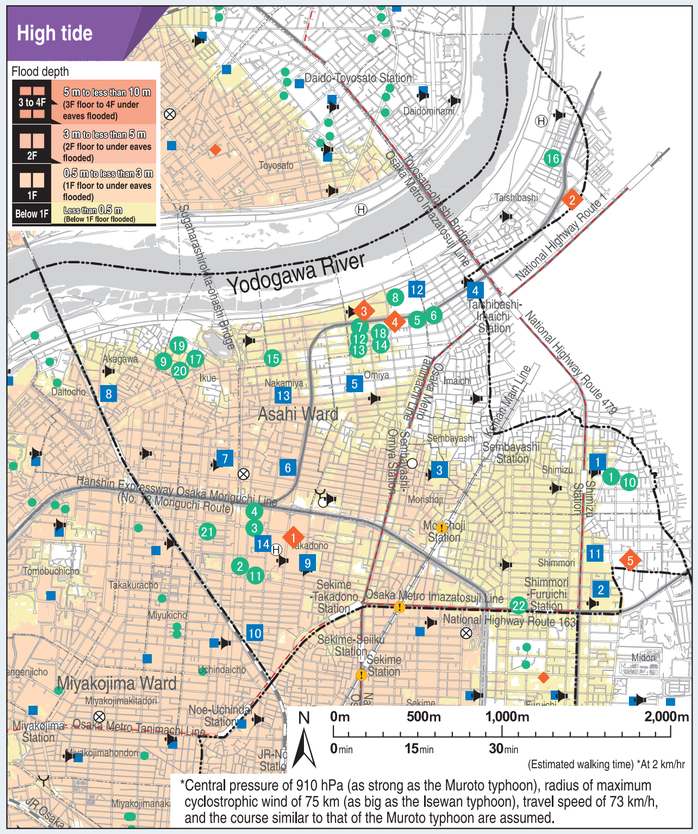
Flooding of rivers of the Neyagawa river basin (Neyagawa River, Daini-Neyagawa River, Hirano River, Hiranogawa-bunsuiro Channel, Furukawa River)

(This flood-prone area map combines river flooding and inland flooding.)



*A 24-hour rainfall total of 683 mm (Likelihood of probable maximum precipitation: about 1/more than 1,000 years) is assumed.

High tide



*Central pressure of 910 hPa (as strong as the Muroto typhoon), radius of maximum cyclostrophic wind of 75 km (as big as the Isewan typhoon), travel speed of 73 km/h, and the course similar to that of the Muroto typhoon are assumed.

*This map shows hazard areas for flooding (river flooding, high tide, inland flooding, tsunami). It does not list designated safety areas and temporary safety areas. Please use this hazard map to find safe evacuation areas in the event of flooding.
*Flood-prone areas have underground shopping and facilities for the infirm. Please see the Regional Disaster Management Plan for more information.
(The Regional Disaster Management Plan is available at your closest ward office, City Hall, and on Osaka City's website.)

Designated disaster evacuation site

(Opens according to the disaster situation)

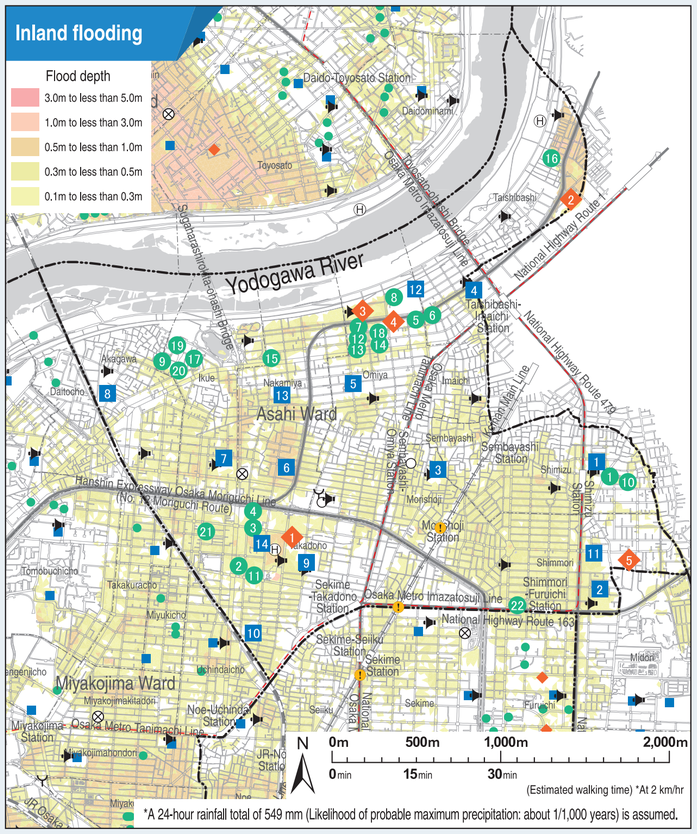
1	Asahi High School	5-6-41 Takadono
2	Yodogawa Technology High School	3-1-32 Taishibashi
3	Osaka Institute of Technology	5-16-1 Omiya
4	Shisei Special Needs School	5-11-7 Omiya
5	Koyo Special Needs School	6-8-21 Shimmori

Flood disaster evacuation bldg.

(Accepts evacuees if an evacuation information is issued*)

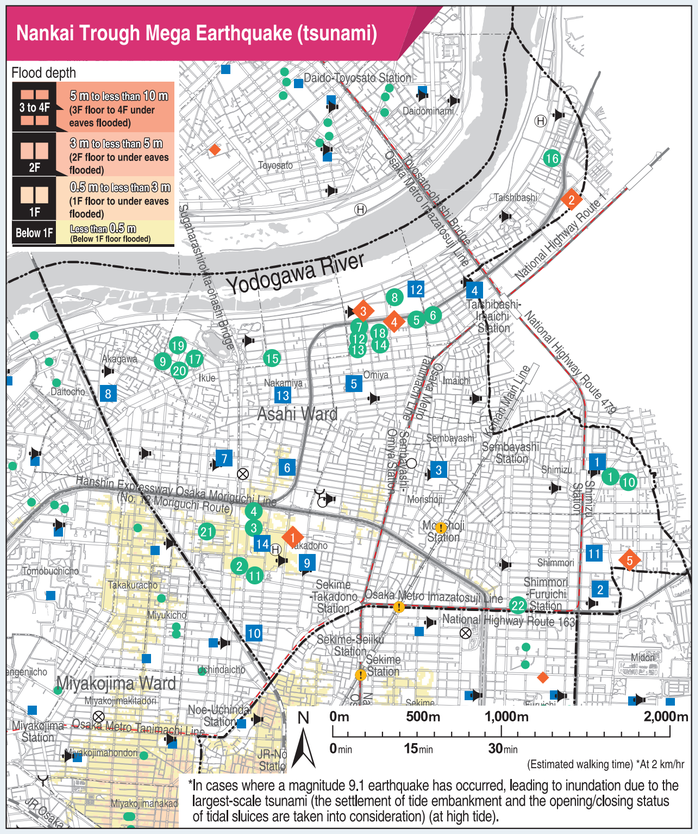
1	Municipal Ryogoku Housing 5 Gokan	5-4 Shimizu
2	Municipal Takadono Nishi Housing 9 Gokan	5-1 Takadono
3	Municipal Takadono Kita Housing 1 Gokan	5-12 Takadono
4	Municipal Takadono Kita Housing 2 Gokan	5-12 Takadono
5	Municipal Omiya Housing 1 Gokan	5-12 Omiya
6	Municipal Imaichi Housing 1 Gokan	1-9 Taishibashi
7	Municipal Shirokita Housing 1 Gokan	5-9 Omiya
8	Municipal Shirokita Housing 2 Gokan	5 Omiya
9	Municipal Shin-Ikue Housing 1 Gokan	3-21 Ikue
10	Municipal Ryogoku Housing 1 Gokan	4-11 Shimizu
11	Municipal Takadono Nishi Housing 8 Gokan	5-2 Takadono
12	Municipal Shirokita Housing 12 Gokan	5-8 Omiya
13	Municipal Shirokita Housing 13 Gokan	5-1 Omiya
14	Municipal Shirokita Housing 14 Gokan	5-2 Omiya
15	Municipal Shirokita Nakamiya Housing 1 Gokan	5-1-1 Nakamiya
16	Municipal Hashidera Housing 1 Gokan	3-8-1 Taishibashi
17	Municipal Shin-Ikue Housing 2 Gokan	3-16-2 Ikue
18	Municipal Shirokita Housing 15 Gokan	5-7-15 Omiya
19	Municipal Ikue Housing 9 Gokan	3-24 Ikue
20	Municipal Ikue Housing 13 Gokan	3-17 Ikue
21	Municipal Takadononishi Daiyon Housing 1 Gokan	2-16-1 Takadono
22	Saintpaulia Shinmori Koen	4-1-27 Shinmori

Inland flooding



*A 24-hour rainfall total of 549 mm (Likelihood of probable maximum precipitation: about 1/1,000 years) is assumed.

Nankai Trough Mega Earthquake (tsunami)



*In cases where a magnitude 9.1 earthquake has occurred, leading to inundation due to the largest-scale tsunami (the settlement of tide embankment and the opening/closing status of tidal sluices are taken into consideration) (at high tide).

Regular precautions and preparations

Have items ready that you can bring with you when you evacuate (emergency kit)

Items for emergency grab-and-go bag (backpack, etc.)

- ☐ **Drinking water**

Bare minimum, don't want it too heavy (about 2 to 3 500 ml PET bottles)

- ☐ **Emergency food**

Food that is easy to eat, doesn't expire quickly, can be eaten without cooking

- ☐ **Valuables**

Cash (10 yen coins for payphone), bankbook, personal seal, copies of health insurance card and driver's license, etc.

- ☐ **Medical supplies**

Disinfectant, bandage, triangular bandage, etc.

Other

- ☐ Whistle
- ☐ Thick gloves (work gloves)
- ☐ Clothes (outerwear, underwear, socks)
- ☐ Portable heat patches
- ☐ Plastic bag and wrap
- ☐ Toiletries, hygiene products, masks
- ☐ Shoes with durable soles
- ☐ Dry cell and mobile batteries
- ☐ Portable toilet
- ☐ Tissues and wet wipes
- ☐ Flashlight and lantern
- ☐ Radio
- ☐ Helmet and protective hood
- ☐ Rain and cold protection gear
- ☐ Towel and handkerchief
- ☐ Utility knife and can opener
- ☐ Disposable ware (chopsticks, paper plates)
- ☐ Sanitary napkins and toilet paper

Aim for **15 kg** for adult male, **10 kg** for adult female

These are only rough standards. Limit what you bring with you to what you can carry by yourself.

Designated disaster evacuation site & flood disaster evacuation bldg.

(The former opens according to the disaster situation)
(The latter accepts evacuees if an evacuation information is issued*)

1	Shimizu Elementary School	5-1-12 Shimizu
2	Shin Morishoji Elementary School	6-3-13 Shimmori
3	Furuichi Elementary School	2-10-35 Morishoji
4	Taishibashi Elementary School	1-12-15 Taishibashi
5	Omiya Elementary School	4-9-16 Omiya
6	Omiya Nishi Elementary School	1-8-14 Nakamiya
7	Ikue Elementary School	1-10-21 Ikue
8	Shirokita Elementary School	3-13-47 Akagawa
9	Takadono Elementary School	6-9-10 Takadono
10	Takadono Minami Elementary School	3-10-30 Takadono
11	Kyokuto Junior High School	6-7-25 Shimmori
12	Imaichi Junior High School	5-13-40 Omiya
13	Omiya Junior High School	4-7-11 Nakamiya
14	Kyokuyo Junior High School	5-9-31 Takadono

*As of March 2021.
(Please see the website for an updated list of designated hazard areas.)
*For the evacuation time limit, please see the "List of Registered Flood Disaster Evacuation Buildings" on Osaka City's website, the Osaka City Map Information Site, or your local noticeboard.

Legend

- Designated disaster evacuation site
- Flood disaster evacuation bldg.
- Designated disaster evacuation site & flood disaster evacuation bldg.
- Ward Office / Ward Health and Welfare Center
- Police station
- Fire station
- Disaster relief heliport
- Outdoor emergency speaker
- Underpass
- House collapse hazard zone
- JR
- Private railway
- Subway
- Train station
- National route
- Ward border
- Town border

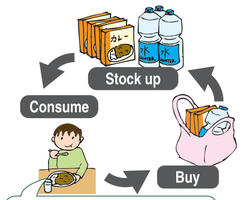
Have your stockpile ready

You may not be able to shop normally for several days after a natural disaster. Have peace of mind by adequately stocking basic necessities for yourself and your family on a day-to-day basis.

- ☐ Daily stocking
  - ▶ **Stock up on food you often eat with long expiry dates;** buy more when you consume them (rolling stock method)
- ☐ Food for at least 7 days (Recommended)
  - ▶ Alpha rice that can be eaten by adding water, canned food, hardtack, instant and retort pouch food, dietary supplements, snacks, condiments, soup, etc.
- ☐ Drinking water for at least 7 days
  - ▶ 3 liters a day per adult
- ☐ Toilet supplies
  - ▶ Temporary toilet, waste storage containers, toilet bags, toilet paper
- ☐ Fuel
  - ▶ Portable gas stove, gas canisters, solid fuel
- ☐ Blanket, sleeping bag
- ☐ Plastic wrap for food
- ☐ Plastic tank

Rolling stock method

An economical method in which food is consumed before they expire.



Since it's food you always eat, it will give you energy in an emergency!

Necessities for applicable families and households

Infants

Baby food
Powder and liquid milk
Diapers
Baby wipes, etc.

People with illnesses

Contact info for attending physician Medicine for preexisting illnesses
Medicine notebook, etc.

Pregnant women

Mother and child health handbook
Absorbent cotton Gauze
Items for newborns, etc.

Pets

Leash
Cage
Toilet supplies
Pet food, etc.

Elderly

Denture
Food for the elderly
Adult diapers, etc.

Other

Eyeglasses
Contact lenses
Hearing aid, etc.

Map information site, MapNavi Osaka

Hazard maps and disaster prevention facilities can be found online.