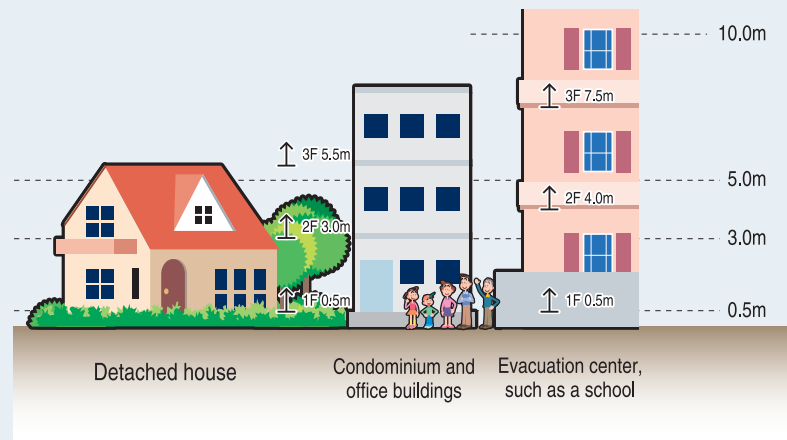


Flood Hazard Map for Abeno Ward

In Abeno Ward, inundation events due to flooding of the Yamato 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 are assumed to occur.

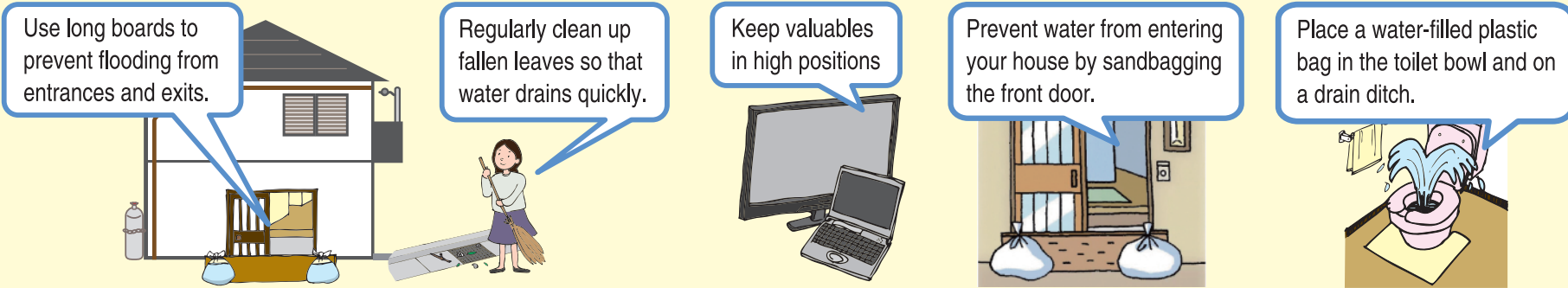
- ☐ Is the area where you live prone to inundation?
- ☐ Where is the nearest safe evacuation shelter?
- ☐ Are there any roads or underpasses that could be covered with water on the way to the evacuation shelter?

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.

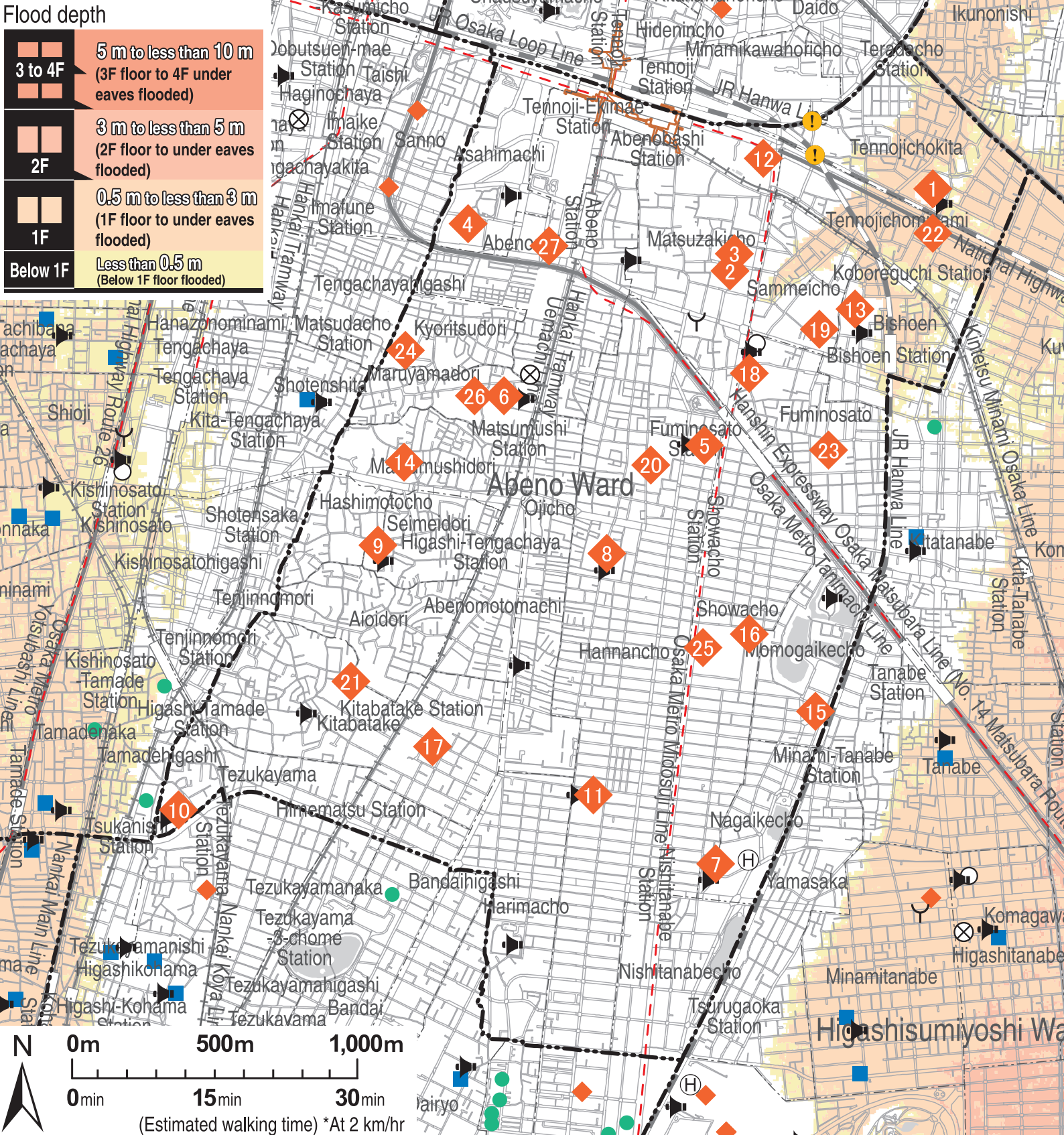


Safety measures for your house

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

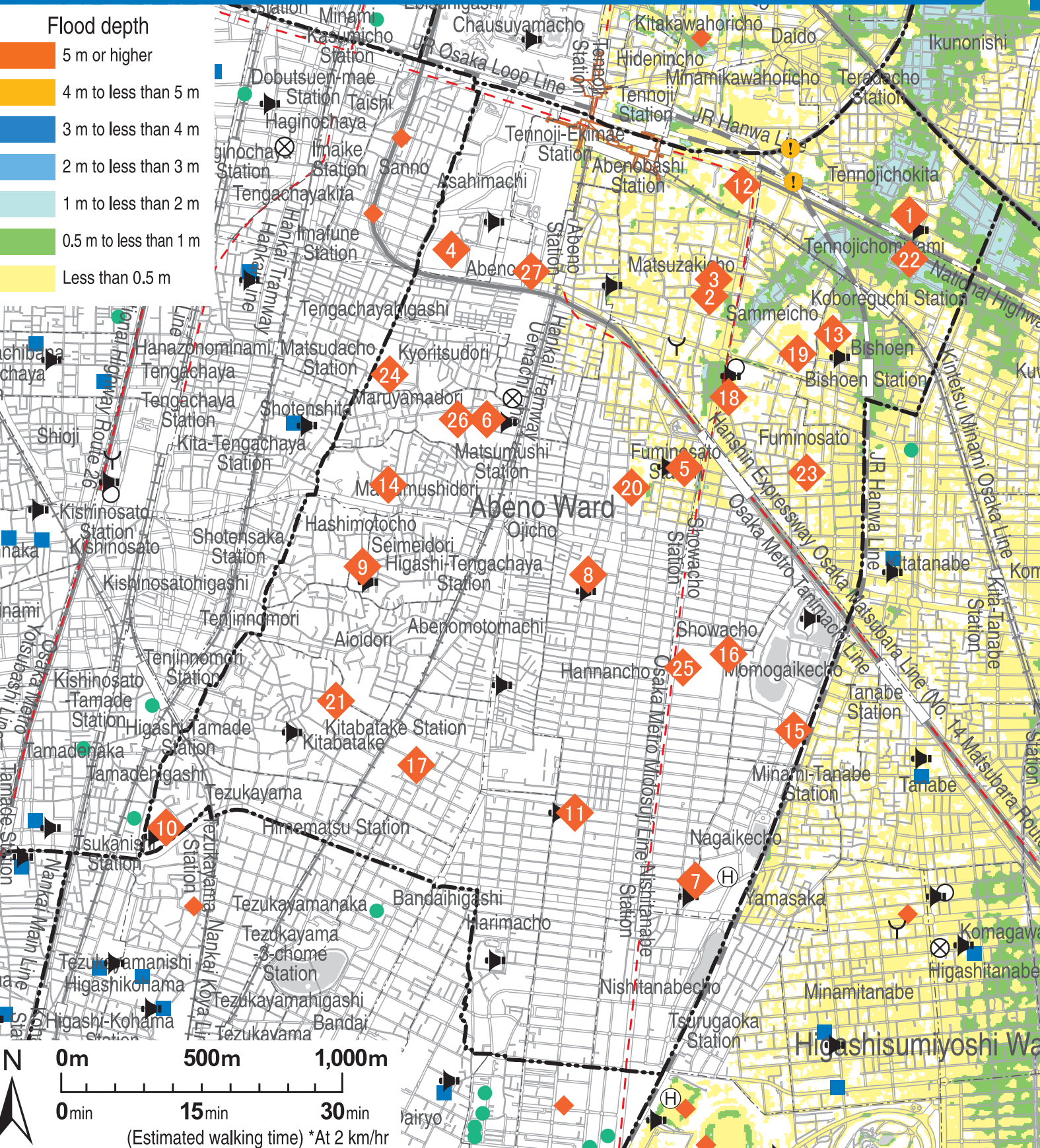


Flooding of Yamato River

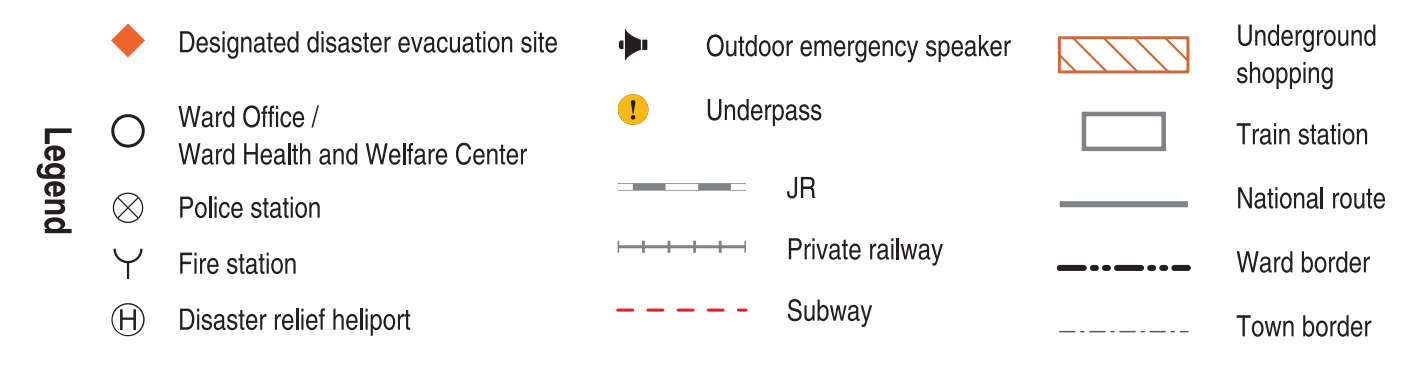


*A 12-hour rainfall total of 316 mm (Likelihood of probable maximum precipitation: about 1/1,000 years) is assumed.

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.



Designated disaster evacuation site

(Opens according to the disaster situation)	
1 Takamatsu Elementary School	3-17-19 Tennoichokita
2 Tokiwa Elementary School	3-11-12 Matsuzakicho
3 Tokiwa Elementary School (Branch School)	3-2-9 Matsuzakicho
4 Kanazuka Elementary School	3-4-46 Asahimachi
5 Nawashiro Elementary School	1-26-30 Hannancho
6 Maruyama Elementary School	1-4-43 Maruyamadori
7 Nagaike Elementary School	20-26 Nagaikecho
8 Abeno Elementary School	2-17-21 Hannancho
9 Seimeigaoka Elementary School	10-34 Seimeidori
10 Seimeigaoka Minami Elementary School	1-23-8 Tezukayama
11 Hannan Elementary School	5-7-40 Hannancho
12 Tennoji Elementary School Attached to Osaka Kyokai University	1-2-45 Matsuzakicho
13 Fuminosato Junior High School	1-5-52 Bishoen
14 Matsumushi Junior High School	3-4-45 Matsumushidori
15 Showa Junior High School	2-3-17 Momogaikacho
16 Abeno Junior High School	3-2-4 Showacho
17 Hannan Junior High School	1-16-24 Kitabatake
18 Kogei High School	1-7-2 Fuminosato
19 Tennoji High School	2-4-23 Sanmeicho
20 Abeno High School	1-30-34 Hannancho
21 Sumiyoshi High School	2-4-1 Kitabatake
22 Abeno Shogaku High School	2-8-19 Tennoichominami
23 Meijo Gakuin High School	3-15-7 Fuminosato
24 Otani Junior and Senior High School	2-8-4 Kyoritsudori
25 Momoyama Gakuin (St. Andrew's School)	3-1-64 Showacho
26 Osaka Christian College	1-3-61 Maruyamadori
27 Abeno Sports Center	3-10-1-100 Abenosuji

*As of March 2021.
(Please see the website for an updated list of designated hazard areas.)
*For the evacuation time limit, please see the Osaka City Map Information Site, or your local noticeboard.

Regular precautions and preparations

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

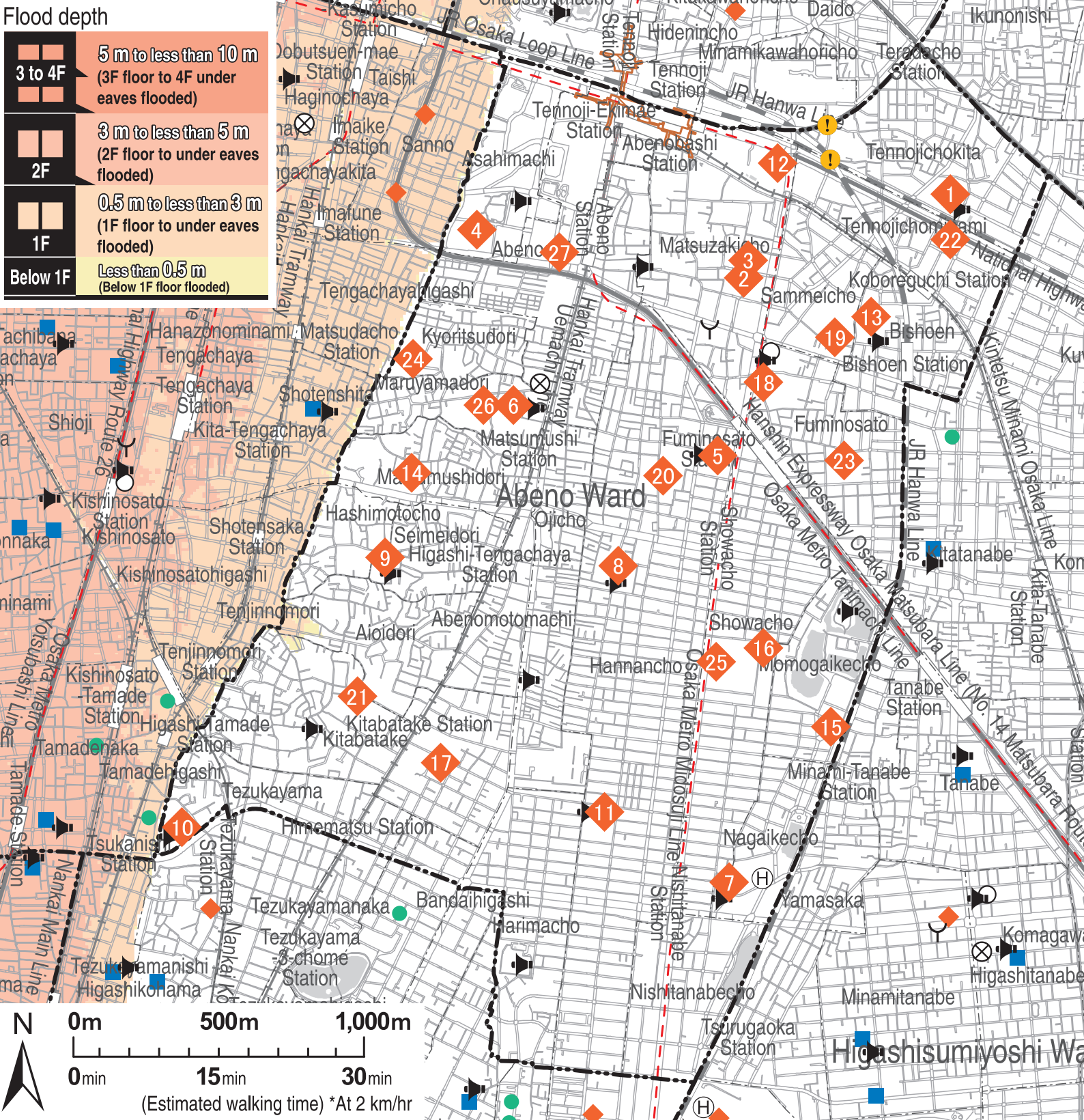
Items for emergency grab-and-go bag (backpack, etc.)

- ☐ Drinking water
- ☐ Emergency food
- ☐ Valuables
- ☐ Medical supplies

- ☐ 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

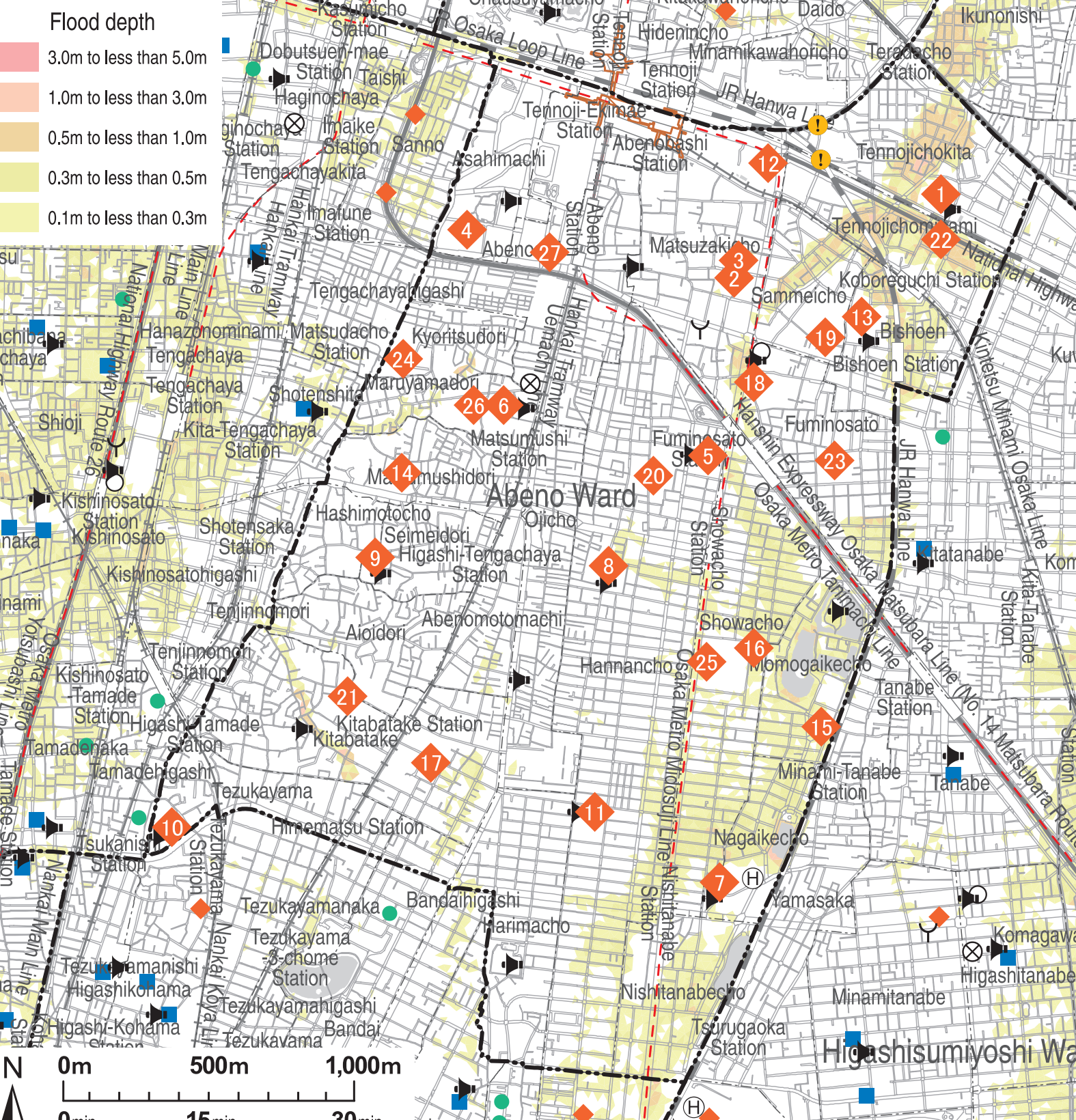
Aim for
15 kg
for adult male
10 kg
for adult female

High tide

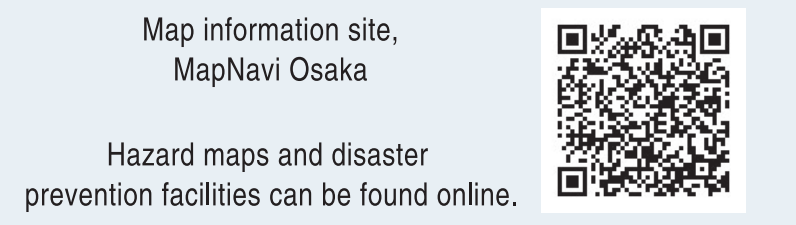


*Central pressure of 910 hPa (as strong as the Muroto typhoon), radius of maximum cyclostrophic wind of 75 km (as big as the Isewan typhoon), travel speed of 73 km/h, and the course similar to that of the Muroto typhoon are assumed.

Inland flooding



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

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.

Have your stockpile ready

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

Rolling stock method

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

