Flood Hazard Map for Tsurumi Ward

In Tsurumi Ward, inundation events due to flooding of the Yodo River, flooding in the Neyagawa River basin (Neyagawa River, Second Neyagawa River, Hirano River, diversion agueducts of Hirano

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

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

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? \square Where is the nearest safe evacuation shelter? \square 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

Evacuation Image 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. ↑ 3F 7.5m ↑ 2F 4.0m Condominium and Evacuation center office buildings such as a school

Safety measures for your house

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









1-5-49 Yasuda

2-2 Imazukita

3-1 Imazunaka

3-3 Imazunaka

3-5 Imazunaka

1-2 Tsurumi

2-7 Tsurumi

2-8 Tsurumi

2-20 Tsurumi

2-21 Tsurumi

2-21 Tsurumi

5-6 Tsurumi

5-8 Tsurumi

5-9 Tsurumi

5-9 Tsurumi

4-28 Matta-omiya

4-34 Matta-omiva

1-7 Morokuchi

1-10 Morokuchi

2-12-21 Morokuchi

4-11 Morokuchi

4-12 Morokuchi

6-4 Morokuchi

6-4 Morokuchi

6-5 Morokuchi

6-5 Morokuchi

1-1 Yakeno

1-1 Yakeno

1-1 Yakeno

4-17-1 Tsurumi

1-2-27 Hanatenhigashi

3-6-45 Yokozutsumi

3-8-22 Imazukita

1-1-10 Yasuda

2-4-45 Midori

2-10-9 Midori

4-14-10 Tsurumi

2-17-22 Tsurumi

6-6-11 Tsurumi

1-5-35 Imazukita

1-3-55 Imazunaka

2-1-52 Imazunaka

4-1-48 Imazunaka

1-3-71 Morokuchi

3-4-44 Morokuchi

3-8-66 Hama

2-1-8 Yasuda

3-7-61 Matta-omiya

1-1-31 Matta-omiya

5-13-61 Yokozutsumi

1-11-83 Yokozutsumi

1-11-27 Yokozutsumi

1-3-44 Yakeno

6-3-19 Morokuchi

Designated disaster evacuation site

Accepts evacuees if an evacuation information is issued*)

Flood disaster evacuation bldg.

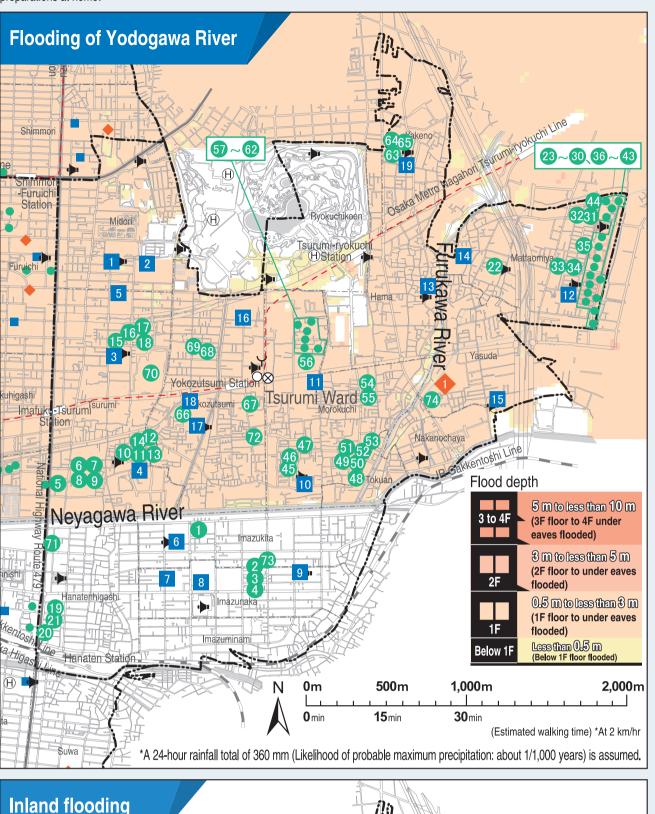
1 Municipal Imazu Kita Housing 1 Gokan

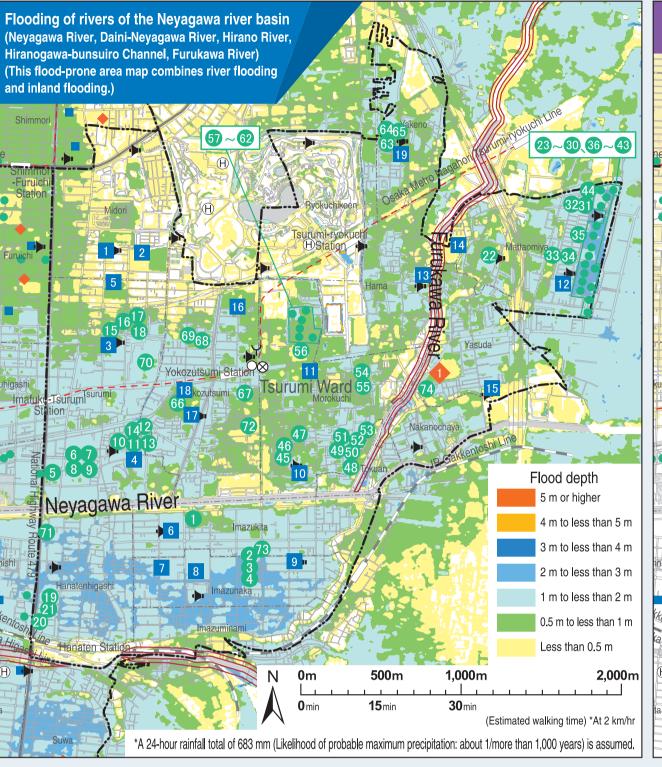
2 Municipal Imazu Naka Housing 3 Gokan

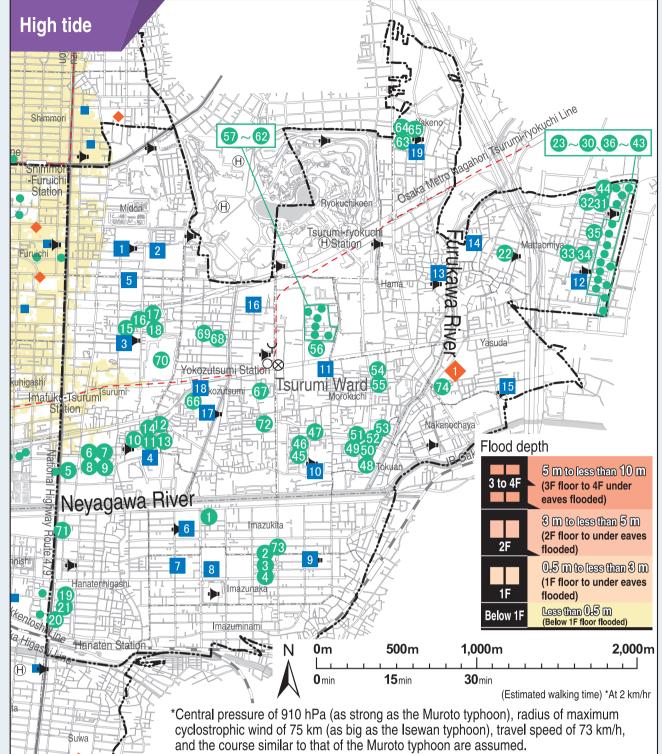
3 Municipal Imazu Naka Housing 2 Gokan

4 | Municipal Imazu Naka Housing 1 Gokan

1 Matta High School









'This map shows hazard areas for flooding (river flooding, high tide, inland | 37 | Municipal Matta Omiya Daini Housing 20 Gokan 🛭 4-23 Matta-omiya flooding, tsunami). It does not list designated safety areas and temporary | 38 | Municipal Matta Omiya Daini Housing 21 Gokan | 4-23 Matta-omiya safety areas. Please use this hazard map to find safe evacuation areas in 39 | Municipal Matta Omiya Daini Housing 22 Gokan | 4-23 Matta-omiya 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.)

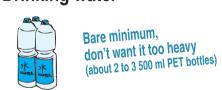
Regular precautions and preparations

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

☐ Whistle

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

Drinking water



Emergency food



Valuables



☐ Medical supplies



☐ Clothes (outerwear, underwear, socks) ☐ Portable heat patches ☐ Plastic bag and wrap

☐ Toiletries, hygiene products, masks ☐ Shoes with durable soles

☐ Thick gloves (work gloves)

☐ 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

☐ Sanitary napkins and toilet paper

These are only rough standards. Limit what you bring with you to what you can carry by yourself ☐ Disposable ware (chopsticks, paper plates)

Aim for

15 kg

10 kg

for adult male

for adult female

10

5 Municipal Tsurumi Housing 8 Gokan 6 Municipal Tsurumi Housing 3 Gokan 7 Municipal Tsurumi Housing 4 Gokan 2-7 Tsurumi 8 Municipal Tsurumi Housing 1 Gokan 2-8 Tsurumi 9 Municipal Tsurumi Housing 2 Gokan 2-16 Tsurumi 10 Municipal Tsurumi Daini Housing 4 Gokan 11 Municipal Tsurumi Daini Housing 3 Gokan 12 Municipal Tsurumi Daini Housing 6 Gokan 13 Municipal Tsurumi 2nd Housing 2 Gokan 14 Municipal Tsurumi Daini Housing 5 Gokan 2-22 Tsurumi 15 | Municipal Tsurumi Kita Housing 1 Gokan 16 Municipal Tsurumi Kita Housing 2 Gokan 17 | Municipal Tsurumi Kita Housing 3 Gokan 18 | Municipal Tsurumi Kita Housing 5 Gokan 19 Municipal Hanaten Higashi Housing 3 Gokan 2-5 Hanatenhigashi 20 | Municipal Hanaten Higashi Housing 1 Gokan | 3-2 Hanatenhigashi 21 | Municipal Hanaten Higashi Housing 2 Gokan | 3-2 Hanatenhigashi 22 Municipal Matta Omiya Nishi Housing 1 Gokan 1-10 Matta-omiya 23 Municipal Matta Omiya Daisan Housing 8 Gokan 3-2 Matta-omiya 24 | Municipal Matta Omiya Daisan Housing 5 Gokan | 3-3 Matta-omiya 25 | Municipal Matta Omiya Daisan Housing 6 Gokan | 3-3 Matta-omiya 26 Municipal Matta Omiya Daisan Housing 7 Gokan 3-3 Matta-omiya 27 | Municipal Matta Omiya Daisan Housing 1 Gokan | 3-8 Matta-omiya 28 Municipal Matta Omiya Daisan Housing 2 Gokan 3-8 Matta-omiya 29 Municipal Matta Omiya Daisan Housing 3 Gokan 3-8 Matta-omiya 30 | Municipal Matta Omiya Daisan Housing 4 Gokan | 3-8 Matta-omiya 31 | Municipal Matta Omiya Daiichi Housing 1 Gokan | 4-30 Matta-omiya 32 | Municipal Matta Omiya Daiichi Housing 2 Gokan | 4-30 Matta-omiya 33 | Municipal Matta Omiya Daini Housing 24 Gokan | 4-1 Matta-omiya 34 | Municipal Matta Omiya Daini Housing 23 Gokan | 4-4 Matta-omiya 35 | Municipal Matta Omiya Daini Housing 25 Gokan | 4-15 Matta-omiya 36 Municipal Matta Omiya Daini Housing 19 Gokan 4-23 Matta-omiya 40 Municipal Matta Omiya Housing 18 Gokan 4-28 Matta-omiya 41 Municipal Matta Omiya Housing 19 Gokan 42 Municipal Mattaomiya Housing 16 Gokan 43 Municipal Matta Omiya Housing 17 Gokan 44 | Municipal Matta Omiya Daiichi Housing 3 Gokan | 4-40 Matta-omiya 45 Municipal Matta Minami Housing 4 Gokan 46 | Municipal Matta Minami Housing 5 Gokan 47 Municipal Matta Minami Housing 12 Gokan 48 | Municipal Morokuchi Minami Housing 5 Gokan | 2-5 Morokuchi 49 | Municipal Morokuchi Minami Housing 1 Gokan | 2-6 Morokuchi 50 | Municipal Morokuchi Minami Housing 4 Gokan | 2-6 Morokuchi 51 | Municipal Morokuchi Minami Housing 2 Gokan | 2-9 Morokuchi 52 | Municipal Morokuchi Minami Housing 3 Gokan | 2-12 Morokuchi 53 Kosha Heights Morokuchi 54 Municipal Morokuchi Housing 5 Gokan 55 Municipal Morokuchi Housing 6 Gokan 56 Kosha Heights Morokuchi Kita 57 Municipal Morokuchi Kita Housing 1 Gokan 6-4 Morokuchi 58 Municipal Morokuchi Kita Housing 2 Gokan 59 Municipal Morokuchi Kita Housing 3 Gokan 60 Municipal Morokuchi Kita Housing 4 Gokan 61 Municipal Morokuchi Kita Housing 5 Gokan 62 Municipal Morokuchi Daini Housing 6 Gokan 6-6 Morokuchi 63 Municipal Yakeno Housing 1 Gokan 64 Municipal Yakeno Housing 2 Gokan 65 Municipal Yakeno Housing 3 Gokan 66 | Municipal Yokozutsumi Daini Housing 1 Gokan | 1-11 Yokozutsumi 67 | Municipal Yokozutsumi Daiichi Housing 1 Gokan | 3-10 Yokozutsumi 68 Municipal Yokozutsumi Kita Housing 1 Gokan 4-12 Yokozutsumi 69 Municipal Yokozutsumi Kita Housing 2 Gokan 4-12-4 Yokozutsumi 70 AEON Mall Tsurumiryokuchi 71 Kicona Tsurumi 72 LIFE Yokozutsumi Store 73 LIFE Tsurumi Imazukita Store 74 LIFE Yasudamorokuchi Store 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*)

Legend

1 2

Neyagawa River

Disaster relief heliport

Outdoor emergency speaker

Designated disaster evacuation site House collapse hazard zone Flood disaster evacuation bldg. Designated disaster evacuation site & flood disaster evacuation bldg. Subway Train station Ward Office / Ward Health and Welfare Center Police station National route Fire station

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.

Neyagawa River

Nankai Trough Mega Earthquake

(tsunami)

23~30,36~43

Flood depth

3.0m to less than 5.0m

1.0m to less than 3.0m

0.5m to less than 1.0m

0.3m to less than 0.5m

0.1m to less than 0.3m

2.000m

1.000m

30min

Ward border

Town border

500m

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

☐ 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

► 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

of tidal sluices are taken into consideration) (at high tide)

□ Fuel

Portable gas stove. gas canisters, solid fuel

☐ Blanket, sleeping bag ☐ Plastic wrap for food

☐ Plastic tank

Rolling stock method

23~30,36~43

5 m to less than 10 m

3 m to less than 5 m

(2F floor to under eaves

0.5 m to less than 3 m

(1F floor to under eaves

2,000m

Less than 0.5 m (Below 1F floor flooded)

(Estimated walking time) *At 2 km/hr

(3F floor to 4F under

eaves flooded)

flooded)

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

Flood depth

3 to 4F

2F

1F

1,000m

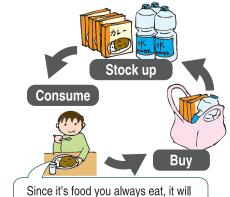
30min

500m

15min

*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



give you energy in an emergency!

Infants ____ Baby food



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



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



Denture Food for the elderly Adult diapers, etc.



Necessities for applicable families and households

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





Cage Toilet supplies Pet food, etc.

Leash



Eyeglasses Contact lenses Hearing aid, etc.

*As of March 2021.

1 Midori Elementary School 2 Tsurumi Commercial High School

3 Tsurumi Elementary School

5 Midori Junior High School

7 Imazu Junior High School

9 Imazu Elementary School

11 Matta Junior High School

10 Matta Minami Elementary School

12 Matta Higashi Elementary School

13 Matta Kita Elementary School

14 Matta Kita Junior High School

16 Matta Nishi Elementary School

17 Yokozutsumi Elementary School

18 Yokozutsumi Junior High School

19 Yakeno Elementary School

15 Matta Elementary School

8 Han Ai High School

6 Enomoto Elementary School

4 Tsurumi Minami Elementary School

(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.