

In the Event of Inland Flooding

Expected inundation area map of Nakagawa River/Ayasegawa River areas
 Expected inundation area map of river basins within Koto area
 (maximum expected scale)

Expected inundation area map of Nakagawa River/
 Ayasegawa River areas

Target area in the City: area east of the Arakawa Riv.
 Specified date: March 25, 2026

Expected inundation area map of river basins within Koto area

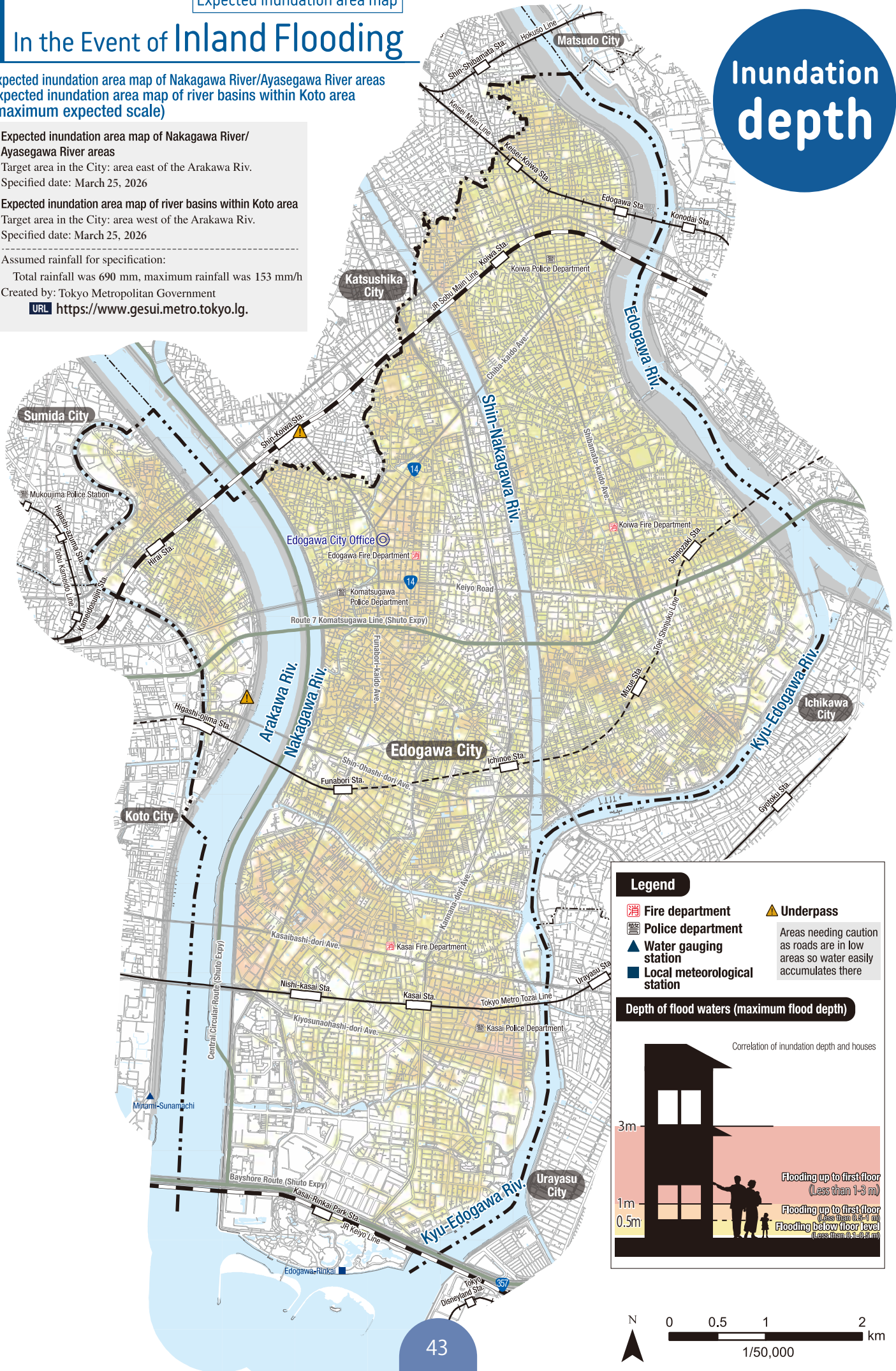
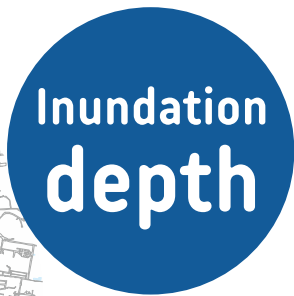
Target area in the City: area west of the Arakawa Riv.
 Specified date: March 25, 2026

Assumed rainfall for specification:

Total rainfall was 690 mm, maximum rainfall was 153 mm/h

Created by: Tokyo Metropolitan Government

URL <https://www.gesui.metro.tokyo.lg>



Reducing the Scale of Damage from Inland Flooding

Prevent inland floodwaters from entering your home

Sandbag station

“Sandbag stations” are available in locations within the city, allowing anyone to freely take sandbags in order to prevent damage caused by torrential rain flooding. Please take sandbags from these stations if necessary.

Edogawa City official homepage (sandbag station)



https://www.city.edogawa.tokyo.jp/e065/bosaiizen/bosai/jjo/n_donoustation.html



Sandbag station

Simple inundation prevention structures

You can also use household items to prevent floodwater from entering your home.

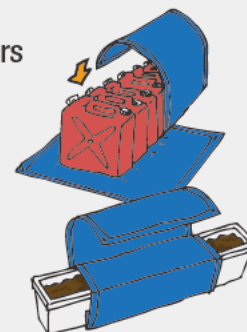
Simple inundation prevention using trash bags

Fill large, double-layered plastic bags with water until around half full, pack them in cardboard boxes to prevent them from moving about, and place them at entrances or exits to prevent flooding.



Plastic water tanks or planters and plastic sheeting

Wrap plastic water tanks filled with water or planters filled with soil in plastic sheeting, and place them at entrances or exits to prevent flooding.



Water stopper

Use long boards to prevent flooding from entrances and exits.



Start by doing what you can

Regularly clean up fallen leaves so that water drains quickly.



Prevent household goods from getting damaged

Keep valuables in high positions

Place important documents such as bank books, insurance cards, and passports, as well as cherished photo albums and portable household electronics, in high places that will not become submerged.



Reduce damage



Water may flow out of toilets and drainage pipes as a result of sewer backflow caused by torrential rain. Place plastic bags filled with water inside toilet seats or on top of drainage pipes to prevent water from flowing out.

Notes on Personal Disaster Management



In preparation of flooding, discuss evacuation points and options with each of your family members.



Check with your smartphone or PC



Uni-Voice

The app uses the GPS function on your smartphone to confirm the maximum flood depth of your current location and the direction of nearby evacuation facilities. Information is given by both voice and text.

Search for “Uni-Voice” in the app store or use the 2D code on the right to download.



iOS



Android



Edogawa City Disaster Prevention App

Uses the GPS function on your smartphone to display hazard maps of your current location for each river.



iOS



Android

Maps by area

You can check the map for the area where you live.

URL <https://www.city.edogawa.tokyo.jp/e007/bosaianzen/bosai/kanrenmap/hazardmap/chikubetsumap.html>



Evacuation Framework

The best evacuation options for you

The most appropriate evacuation option will depend on where each individual City resident resides and the conditions at the time. Find the best evacuation option for you.

Edogawa City Flood Response

Long-distance evacuation mode

When major flooding is expected

Long-distance evacuation is required by all City residents in principle

Can you secure a place to evacuate to outside the City, such as the home of a relative or friend, a place of work, or accommodation facilities?



Yes

Evacuation points outside of the City that you have secured by yourself

How to evacuate
Long-distance evacuation

No

Facilities outside of the City where long-distance evacuation is possible

How to evacuate
Long-distance evacuation
(public long-distance evacuation facility)

If you absolutely cannot evacuate to outside the City

After the wind and rain have weakened, since you'll be exposed to rain

How to evacuate
Evacuate to a local disaster prevention base
(Kasai Southern District, Konodai Plateau, Ojima-Komatsugawa Park)

Those remaining here will be isolated by floodwaters and forced to live in difficult conditions

How to evacuate
Evacuate to an evacuation facility
(elementary/junior high school, etc.)

When major flooding is not expected

Can you stay in place at home during a flood?



Can stay in place

Whether it is possible to stay in place depends on specific flood estimations
You must be prepared to withstand the flood conditions until the waters recede

How to evacuate
Stay in place at home

Can't stay in place

Evacuation points that you have secured by yourself in safer areas

How to evacuate
Secure an evacuation point by yourself

Can you secure a safe place to evacuate to, such as the home of a relative or friend, a place of work, or accommodation facilities?



Yes

After the wind and rain have weakened, since you'll be exposed to rain

How to evacuate
Evacuate to a local disaster prevention base
(Kasai Southern District, Konodai Plateau, Ojima-Komatsugawa Park)

No

The first and second floors can become flooded

How to evacuate
Evacuate to an evacuation facility
(elementary/junior high school, etc.)

No

Hazards Around the House

Fill in after checking the hazard maps

Fill in the below table while checking the large-size hazard map in the pocket at the back of this booklet, the expected inundation area maps on pages 31 to 43, and hazards around the house that you have looked up on your computer or smartphone.

How to evacuate

Stay in place at home

If your home falls under one of the following, you can't stay in place at home

Floor levels lower than the flood depth



Wooden buildings in areas with rapidly moving waters



Flooding will continue over a long period of time



Make a note of whether **YOU** can stay in place at home

Hazard Map (Expected inundation area map)	Flooding depth at your home	Areas where early evacuation is required	Flooding duration time at your home	Can you stay in place at home?
In the pocket at the back of this booklet Edogawa City Major Flood Damage Hazard Map	Flooding up to <input type="text"/> floor	In this area, wooden buildings may collapse due to rapidly flowing water <input checked="" type="checkbox"/>	Flooding will continue for <input type="text"/>	Not recommended
pp. 31-32 In the Event of High Tide Flooding <small>Expected inundation area map</small>	Flooding up to <input type="text"/> floor	In this area, wooden buildings may collapse due to rapidly flowing water <input checked="" type="checkbox"/>	Flooding will continue for <input type="text"/>	Not recommended
pp. 33-34 In the Event of Arakawa River Flooding <small>Expected inundation area map</small>	Flooding up to <input type="text"/> floor	In this area, wooden buildings may collapse due to rapidly flowing water <input checked="" type="checkbox"/>	Flooding will continue for <input type="text"/>	
pp. 35-36 In the Event of Edogawa River Flooding <small>Expected inundation area map</small>	Flooding up to <input type="text"/> floor	In this area, wooden buildings may collapse due to rapidly flowing water <input checked="" type="checkbox"/>	Flooding will continue for <input type="text"/>	
pp. 37-38 In the Event of Tonegawa River Flooding <small>Expected inundation area map</small>	Flooding up to <input type="text"/> floor	In this area, wooden buildings may collapse due to rapidly flowing water <input checked="" type="checkbox"/>	Flooding will continue for <input type="text"/>	
pp. 39-40 In the Event of Nakagawa River Flooding <small>Expected inundation area map</small> <small>Government controlled section</small>	Flooding up to <input type="text"/> floor	In this area, wooden buildings may collapse due to rapidly flowing water <input checked="" type="checkbox"/>	Flooding will continue for <input type="text"/>	
pp. 41-42 In the Event of Flooding at Small and Medium-Sized Rivers Such as Nakagawa River <small>Metropolitan controlled section</small> or Shin-Nakagawa River <small>Expected inundation area map</small>	Flooding up to <input type="text"/> floor	In this area, wooden buildings may collapse due to rapidly flowing water <input checked="" type="checkbox"/>	Flooding will continue for <input type="text"/>	
p. 43 In the Event of Inland Flooding <small>Expected inundation area map</small>	Flooding up to <input type="text"/> floor			

Filling In Information about Evacuation Points

Fill in possible evacuation points and the means of transportation in case of evacuation.

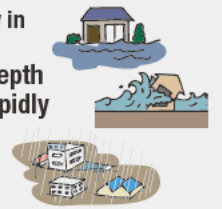
How to evacuate **Stay in place at home**



Safety can be ensured at home

In the following situations, you can't stay in place at home

- × Floor levels lower than the flood depth
- × Wooden buildings in areas with rapidly moving waters
- × Flooding will continue over a long period of time



In cases where you can't stay in place at home

How to evacuate **Secure an evacuation point by yourself**



Evacuation points in safer areas that you have secured by yourself

Evacuation point



How to evacuate **Evacuate to a local disaster prevention base**



Safe places that will not be submerged even when flooding occurs in the City or surrounding areas

Kasai Southern District | **Konodai Plateau** | **Ojima-Komatsugawa Park**

Evacuation point



Transport method

Fill in the means of transportation in case of evacuation



- Train (Station - Station)
- Bus (Bus stop - Bus stop)
- On foot/Bicycle
- Car

***Forbidden after safety evacuation advisory except for those in need of special care**

How to evacuate **Evacuate to an evacuation facility** (elementary/junior high school, etc.)



Emergency evacuation facilities in case there is not enough time to evacuate or evacuation becomes difficult

Evacuation point



Transport method

Fill in the means of transportation in case of evacuation



- Train (Station - Station)
- Bus (Bus stop - Bus stop)
- On foot/Bicycle
- Car

***Forbidden after safety evacuation advisory except for those in need of special care**

How to evacuate **Long-distance evacuation**



Evacuation points outside the City secured by yourself, such as the home of a relative or friend, a place of work, or accommodation facilities

Evacuation point



Transport method

Fill in the means of transportation in case of evacuation



- Train (Station - Station)
- Bus (Bus stop - Bus stop)
- On foot/Bicycle
- Car

***Forbidden after safety evacuation advisory except for those in need of special care**

Your Personal Long-Distance Evacuation Plan

My Timeline in the Event of Major Flood Damage

Evacuation plan for when major flooding is expected

Even if you want to begin long-distance evacuation to a safer area, if you leave it too late, you may be caught up in the flood during evacuation. It is important to begin evacuation early to allow enough time to arrive at your destination safely.

Long-distance evacuation mode

When major flooding is expected

My Timeline in the Event of Major Flood Damage

Decide in advance who will do

(Joint announcement by 5 cities of Koto)
Information on announcing
long-distance evacuation

Weather information, disaster conditions

Social conditions

The following may occur

The following may occur

Three days
before
72 hrs
before

Joint examination begins

Joint examination by
the 5 cities of Koto will
begin

Possibility of typhoon affecting
the Greater Tokyo Area

A huge typhoon is predicted
to reach Tokyo in 72 hours



Press briefing by MLIT and JMA

Decision to provide subsidies for
long-distance evacuation

Special TV news reports

Notification of possibility of implementing
planned service suspensions



Two days
before
48 hrs
before

Information for voluntary long-distance evacuation (Call for long-distance evacuation)

Call for voluntary evacuation to
safe locations outside of
the 5 cities of Koto

A huge typhoon is predicted
to reach Tokyo in 48 hours



Press briefings held by Edogawa
City Mayor or others

Closure of public schools

Closure of businesses and stores

Public long-distance evacuation
facilities* are opened
*Facilities outside of the City where
long-distance evacuation is possible

Notification of implementation of
planned service suspensions



One day
before
24 hrs
before

Long-distance evacuation instruction

There is the risk of a large-scale
flood disaster
Information for beginning long-distance
evacuation will be announced

Possibility of special warning
is mentioned

A huge typhoon is predicted
to reach Tokyo within 24 hours

River flooding warning water
levels are reached

Wind speeds of 15 m/s
(Edogawa coastline)



Traffic congestion

Guidance on road evacuation

Implementation of planned
service suspensions



Directly
before
9 hrs
before

Vertical evacuation within the area (emergency)

When there is not enough time to safely
evacuate, information for switching to
evacuation within the City will be
announced

Evacuation alert water levels
are reached

Level 5 Emergency Warning
(Storm Surge etc.)

River flooding risk water
levels are reached



Road traffic restrictions

Public transportation service
suspensions

Disaster occurs
Danger is imminent

(Emergency Safety
Measures)

Memo section for jotting down things of note

For example...what you noticed when participating in evacuation drills, points of reflection after an actual evacuation, etc.



Filling In Information about Evacuation Points



Long-distance evacuation is required by all City residents in principle

Can you secure a place to evacuate to outside the City, such as the home of a relative or friend, a place of work, or accommodation facilities?

Those who use accommodation facilities for long-distance evacuation* will be offered a subsidy.

*This is limited to cases where the 5 cities of Koto have jointly called for long-distance evacuation (Joint examination begins).

Up to 9,000 yen per person



Yes

Evacuation points outside of the City that you have secured by yourself

How to evacuate
Long-distance evacuation

No

Facilities outside of the City where long-distance evacuation is possible

How to evacuate
Long-distance evacuation
(public long-distance evacuation facility)

If you absolutely cannot evacuate to outside the City








After the wind and rain have weakened, since you'll be exposed to rain

How to evacuate
Evacuate to a local disaster prevention base

Those remaining here will be isolated by floodwaters and forced to live in difficult conditions

How to evacuate
Evacuate to an evacuation facility
(elementary/junior high school, etc.)

what when information calling for long-distance evacuation is announced.

Transport method	Response and preparedness <examples>	Space for filling in response by you or your family members
	<p>Begin preparation for immediate evacuation Those who can evacuate at this point should evacuate to a safe place outside the City</p> <ul style="list-style-type: none"> ● Begin checking weather and typhoon information ● Inspect your home and surroundings for anything that could blow away ● Check contents of emergency bag ● Reserve hotels or other facilities in the long-distance evacuation area 	
<p>*Be careful with traffic, evacuation by car is possible</p> 	<p>Elderly persons and other persons in need of special care should evacuate early to a safe place outside the City Those who can evacuate at this point should evacuate to a safe place outside the City</p> <ul style="list-style-type: none"> ● Begin checking river level information ● Confirm public transportation operation status ● Confirm evacuation point and route with the hazard map ● Begin preparation for immediate evacuation ● Begin evacuation of older relatives ● Contact family members 	
<p>*Evacuation by car is forbidden except for those in need of special care</p> 	<p>Evacuate immediately to outside the city</p> <ul style="list-style-type: none"> ● Notify neighbors ● Notify long-distance evacuation point of your evacuation ● Begin long-distance evacuation ● Evacuate to a local disaster prevention base 	
<p>Unable to walk due to strong winds Suspension of public transportation systems Heavy congestion</p> 	<p>Since long-distance evacuation is not possible at this stage, evacuate to a nearby place where evacuation is possible</p> <ul style="list-style-type: none"> ● Evacuate to a local disaster prevention base or evacuation facility ● Evacuate to a building located in a higher place 	

Make sure to evacuate from dangerous places by this point

- Evacuate to a room in your home higher than the floodwaters



Personal Evacuation Plan: My Timeline

Evacuation plan for when major flooding is not expected

It is important for those who require more time for evacuation to begin evacuating at the most appropriate time based on their and their family's situation, such as evacuating from dangerous places by Alert Level 3 "Evacuation of the Elderly, Etc." Others should also evacuate by Alert Level 4 "Evacuation Instruction."

When major flooding is not expected

My Timeline

Decide in advance who will do what when Edogawa City issues information calling for

(Edogawa City or JMA will issue an advisory or make an announcement)

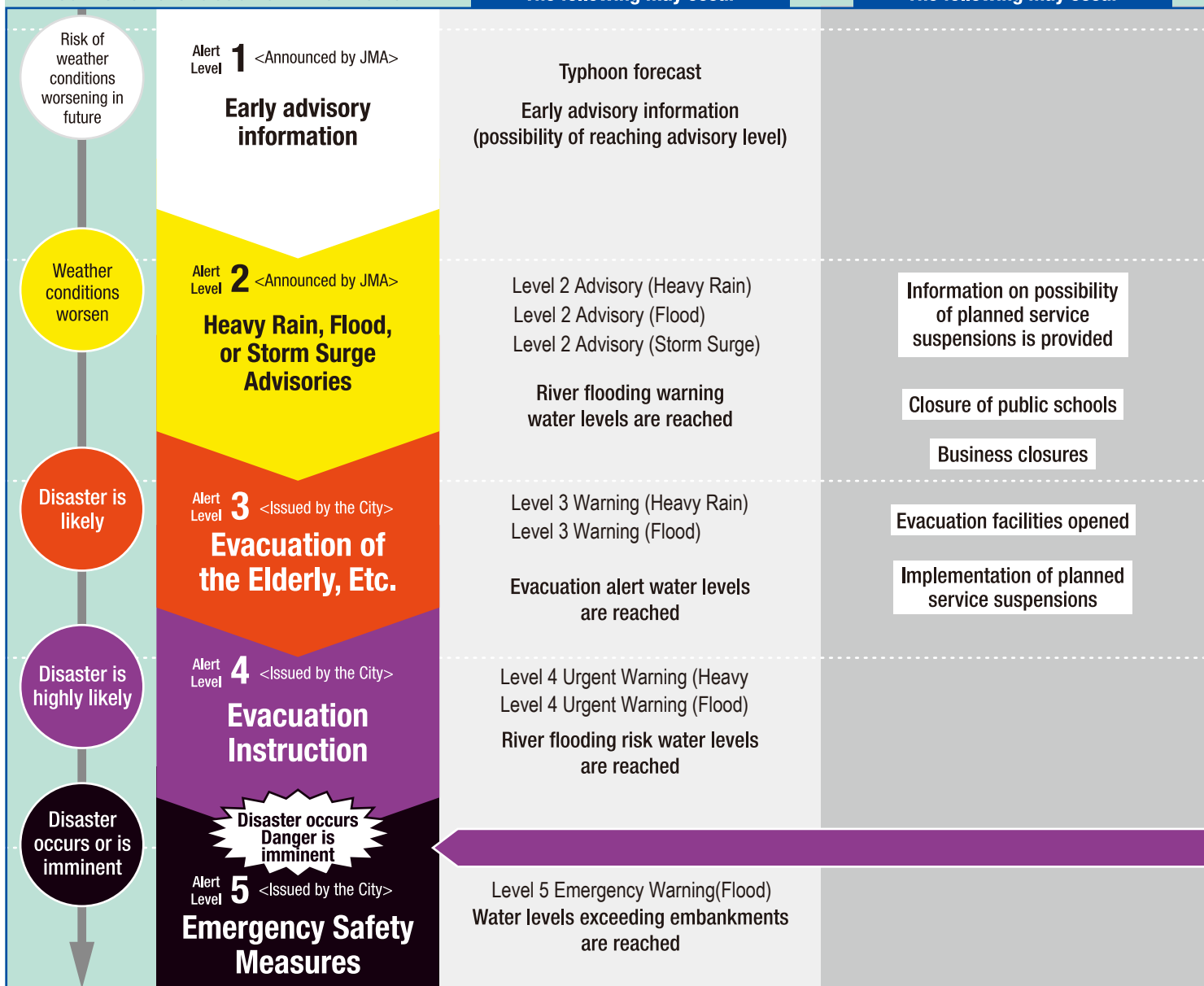
Weather and evacuation information

Weather information, disaster conditions

Social conditions

The following may occur

The following may occur



Memo section for jotting down things of note

For example...what you noticed when participating in evacuation drills, points of reflection after an actual evacuation, etc.



Filling In Information about Evacuation Points



How to evacuate will depend on the flooding conditions around your home, along with the floor level and structure of your home

You must be prepared to withstand the flood conditions until the waters recede

Can you stay in place at home during a flood?



Can stay in place

Can't stay in place

Can you secure a safe place to evacuate to, such as the home of a relative or friend, a place of work, or accommodation facilities?



Yes

No

No

Whether it is possible to stay in place depends on specific flood estimations

How to evacuate
Stay in place at home

Evacuation points that you have secured by yourself in safer areas

How to evacuate
Secure an evacuation point by yourself

After the wind and rain have weakened, since you'll be exposed to rain

How to evacuate
Evacuate to a local disaster prevention base

The first and second floors can become flooded

How to evacuate
Evacuate to an evacuation facility
(elementary/junior high school, etc.)

evacuation.

Transport method

Response and preparedness
<examples>

Space for filling in response by you or your family members



Increase level of disaster preparedness



- Begin checking weather and typhoon information
- Inspect your home and surroundings for anything that could blow away
- Buy necessities

Begin preparation for immediate evacuation



- Begin checking river level information
- Confirm public transportation operation status
- Check contents of emergency bag
- Begin long-distance evacuation if possible

*Be careful with traffic, evacuation by car is possible

Elderly persons and other persons in need of special care should evacuate at this point
Those who can evacuate should begin evacuation



- Confirm evacuation point and route with the hazard map
- Begin preparation for immediate evacuation
- Begin evacuation of older relatives

*Evacuation by car is forbidden except for those in need of special care

Begin evacuating everyone from dangerous places



- Notify neighbors
- Evacuate to the home of a relative or friend in a safe place
- Evacuate to a local disaster prevention base or evacuation facility
- Evacuate to a building located in a higher place

Make sure to evacuate from dangerous places by this point

- Evacuate to a room in your home higher than the floodwaters



Emergency Supplies and Items to Stockpile



Prepare emergency supplies

Be prepared for immediate evacuation in case of an emergency.

Necessary items will vary depending on family members such as infants, seniors, or those with health conditions.

Things to keep by your bedside

- | | | |
|---|--|--|
| <input type="checkbox"/> Sneakers, slippers | <input type="checkbox"/> Flashlight | <input type="checkbox"/> Mobile phone etc. |
| <input type="checkbox"/> Whistle | <input type="checkbox"/> Warm clothing | <input type="checkbox"/> Emergency bag (rucksack or similar) |

Things to put in your emergency bag (rucksack or similar)

- | | | |
|---|---|---|
| <input type="checkbox"/> Emergency foods | <input type="checkbox"/> Drinking water | <input type="checkbox"/> Towel, tissues |
| <input type="checkbox"/> Change of clothes (outerwear, underwear, socks) | <input type="checkbox"/> Portable toilets, sanitary items | <input type="checkbox"/> Plastic bag |
| <input type="checkbox"/> Simple eating utensils such as chopsticks and paper plates | <input type="checkbox"/> Portable radio | <input type="checkbox"/> Battery, charger, mobile battery, etc. |
| <input type="checkbox"/> Glasses, contact lenses | <input type="checkbox"/> Toiletries | <input type="checkbox"/> Warm and rainproof clothing |
- Valuableswallet, cash (10-yen coins for public telephones), bank books, personal seals (*hanko*), health insurance cards, Individual Number (My Number) Cards, etc.
- First aid and medical supplies.....antiseptic solution, stomach medication, adhesive bandages (band-aids), bandages, wound ointment, OTC medication, prescription record, etc.
- Infectious disease control supplies ...masks, alcohol disinfectant, body thermometer, hand soap, slippers, disposable plastic gloves, etc.

Useful items

- | | | |
|---|--|---|
| <input type="checkbox"/> Wet wipes | <input type="checkbox"/> Work gloves | <input type="checkbox"/> Hat, helmet |
| <input type="checkbox"/> Groundsheet | <input type="checkbox"/> Fabric adhesive tape | <input type="checkbox"/> Tools, knife, can opener |
| <input type="checkbox"/> Large trash bags | <input type="checkbox"/> Personal safety alarm | <input type="checkbox"/> Writing tools |

Necessary items based on family members and specific circumstances

- | | |
|---|---|
| Infants Baby food, powdered milk, diapers, baby wipes, etc. | Those with health conditions Contact of attending doctor, personal medication, home treatment items, etc. |
| Seniors Dentures, nursing care food, adult diapers, etc. | Pets Leash, cage, toilet items, pet food, etc. |

Make a note of anything else you and your family will need

Prepare items to stockpile at home

Be sufficiently prepared to endure conditions without lifeline utilities such as water supply, electricity, gas, and toilets for two weeks or more

- | |
|--|
| <input type="checkbox"/> Food (for 2 weeks).....Canned food, boil-in-the-bag meals, nutritional supplement food, snacks, condiments, soups, etc. |
| <input type="checkbox"/> Drinking water (for 2 weeks)...Prepare enough for around 3 liters a day for 1 adult |
| <input type="checkbox"/> Toilet supplies (for 2 weeks)....Portable toilet, waste storage container, toilet bags, toilet paper |
| <input type="checkbox"/> Fuel (for 2 weeks).....Portable stove, gas cylinder, solid fuel |
| <input type="checkbox"/> Kitchen wrap <input type="checkbox"/> Bedding and sleeping bag <input type="checkbox"/> Toiletries |



Always have a 2-week stockpile of long-lasting, familiar foods, and replace them when you use them up

Prepare items that can be used by the residents of the apartment or housing complex.

Necessary items for life-saving and rescue Necessary items for remaining in homes

- | | | | | |
|--|------------------------------------|------------------------------------|--|---|
| <input type="checkbox"/> Inflatable boat | <input type="checkbox"/> Rope | <input type="checkbox"/> Lantern | <input type="checkbox"/> Power generator | <input type="checkbox"/> Fuel for power generator |
| <input type="checkbox"/> AED | <input type="checkbox"/> Stretcher | <input type="checkbox"/> Cord reel | <input type="checkbox"/> Floodlight | <input type="checkbox"/> Tent |

A City Where No One Loses Their Life To Protect Each and Every Individual

You should ask yourself:

“Why is it unsafe to stay here during a major flood?”

“What actions can I take to protect my life during a flood in my area?”

Major
Flood Damage
Flooding
/High Tide
Flooding

Large-Size
Map

Edogawa City Major Flood Damage Hazard Map
Edogawa City Long-Distance Evacuation Map

Emergency contacts

Fill in contacts of your family and neighbors.

Name Contact

Name Contact

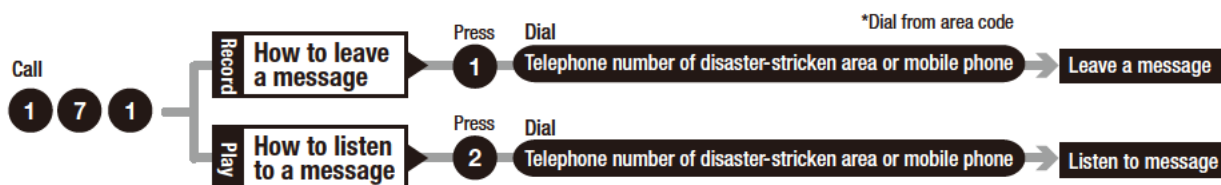
Name Contact

Name Contact

Name Contact

Disaster Emergency Message Dial: 171

Phone lines become busy when a disaster occurs
Call "171" to record and play messages



Emergency and disaster information contacts

Police departments

- Komatsugawa Police Department 03-3674-0110
- Koiwa Police Department 03-3671-0110
- Kasai Police Department 03-3687-0110

Fire departments

- Edogawa Fire Department 03-3656-0119
- Kasai Fire Department 03-3689-0119
- Koiwa Fire Department 03-3677-0119

Others

- Edogawa City Office 03-3652-1151
- Bureau of Waterworks Tokyo Metropolitan Government Customer Service Center 03-5326-1101
- Tokyo Electric Power Company Tokyo Customer Center 0120-995-002
- Tokyo Gas Customer Center 0570-00-2211
- NTT East Japan 116 without area code
- Tobu Second Sewerage Office, Bureau of Sewerage, Tokyo Metropolitan Government 03-5680-1314

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 Risk Management Department of Edogawa City
 Supervised by Toshitaka Katada, Project Professor of the University of Tokyo, Graduate School of
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Contact regarding this flood disaster hazard map

Disaster Prevention and Risk Management Section,
 Risk Management Department of Edogawa City
 TEL. 03-5662-1992 FAX. 03-3652-9891

"Approval (use) by the Director-General of the Geospatial Information Authority of Japan based on the Survey Act R 5 JHs 852"
 Some maps in this booklet use "National Land Numerical Information (river data, emergency transportation roads, railroads, municipal offices, police departments, fire departments), Ministry of Land, Infrastructure and Transport."
 The information in this booklet has been compiled based on public data current as of December 2024.