

English version

Flood  
Disaster

Flooding/  
High Tide  
Flooding

# Edogawa City Hazard Map



## About foreign language versions

この江戸川区水害ハザードマップは、日本語版・英語版・中国語版・韓国語版の4種類があります。区役所本庁舎と各事務所で配布しております。また、区のホームページからダウンロードすることもできます。

This Edogawa City Flood Hazard Map is available in four languages: Japanese, English, Chinese, and Korean. It can be obtained from the main building and branch offices of Edogawa City Hall. It can also be downloaded from the Edogawa City Official Homepage.

本江戸川区洪水災害地図備有日文版、英文版、中文版、韩文版4类，在区政府主楼和各事务所均可领取。此外，也可从江戸川区网站下载。

본 에도가와구의 수해 해저드맵(재해예측지도)은 일본어판, 영어판, 중국어판, 한국어판까지 총 4가지가 있습니다. 구청 본청사와 각 사무소에서 배부 중입니다. 또한, 구 홈페이지에서도 다운로드 하실 수 있습니다.



# Edogawa City

## Flood Disaster Flooding/ High Tide Flooding

How to use

### STEP 1

Must read

## Learn/Notice

Read this booklet to understand “**what would happen**” if a flood disaster occurred in Edogawa City, and “**what should I do**” in order to save yourself and others.



Make **sure** to read up to P. 10

### STEP 2

Must read

## Plan/Decide

Decide your flood hazard evacuation point in advance. Also plan evacuation routes.

Plan and decide the long-distance evacuation point and routes

Decide how to take action when at work or school

Confirm with the map



Fill in “Your Personal Long-distance Evacuation Plan”

### STEP 3

## Prepare

Confirm items to bring with you when evacuating, and always be ready.

Make sure always to be ready



Make a checklist for confirmation

### STEP 4

## Think of others/ Communicate

Apart from yourself, check how families or other important people to you will take action, and communicate with each other. It is important for everyone in the community to cooperate.

Confirm and contact people you will be evacuating together with, or those you need to inform


Fill in the back cover



# Hazard Map

## Contents

## Page

	<b>What is Edogawa City like?</b>	P. 03-04
	<b>What would happen if a flood disaster occurred?</b>	P. 05-06
	<b>What should I do if a flood disaster occurs?</b>	P. 07-08
	<b>Information on announcing evacuations</b>	P. 09-10

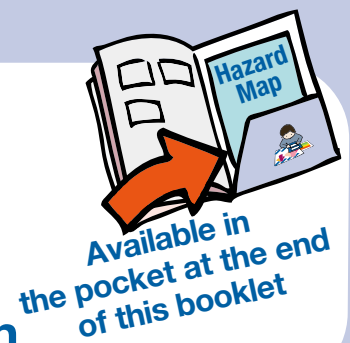
Learn/Notice



**Hazard Map**




**Your Personal Long-distance Evacuation Plan**



Available in the pocket at the end of this booklet


Plan/Decide

	<b>Being prepared for evacuation</b>	P. 11-12
	<b>List of other evacuation points</b>	P. 13-14
	when unable to long-distance evacuation	
	<b>Being prepared for remaining in one place</b>	P. 15-16
	when unable to long-distance evacuation	

Prepare

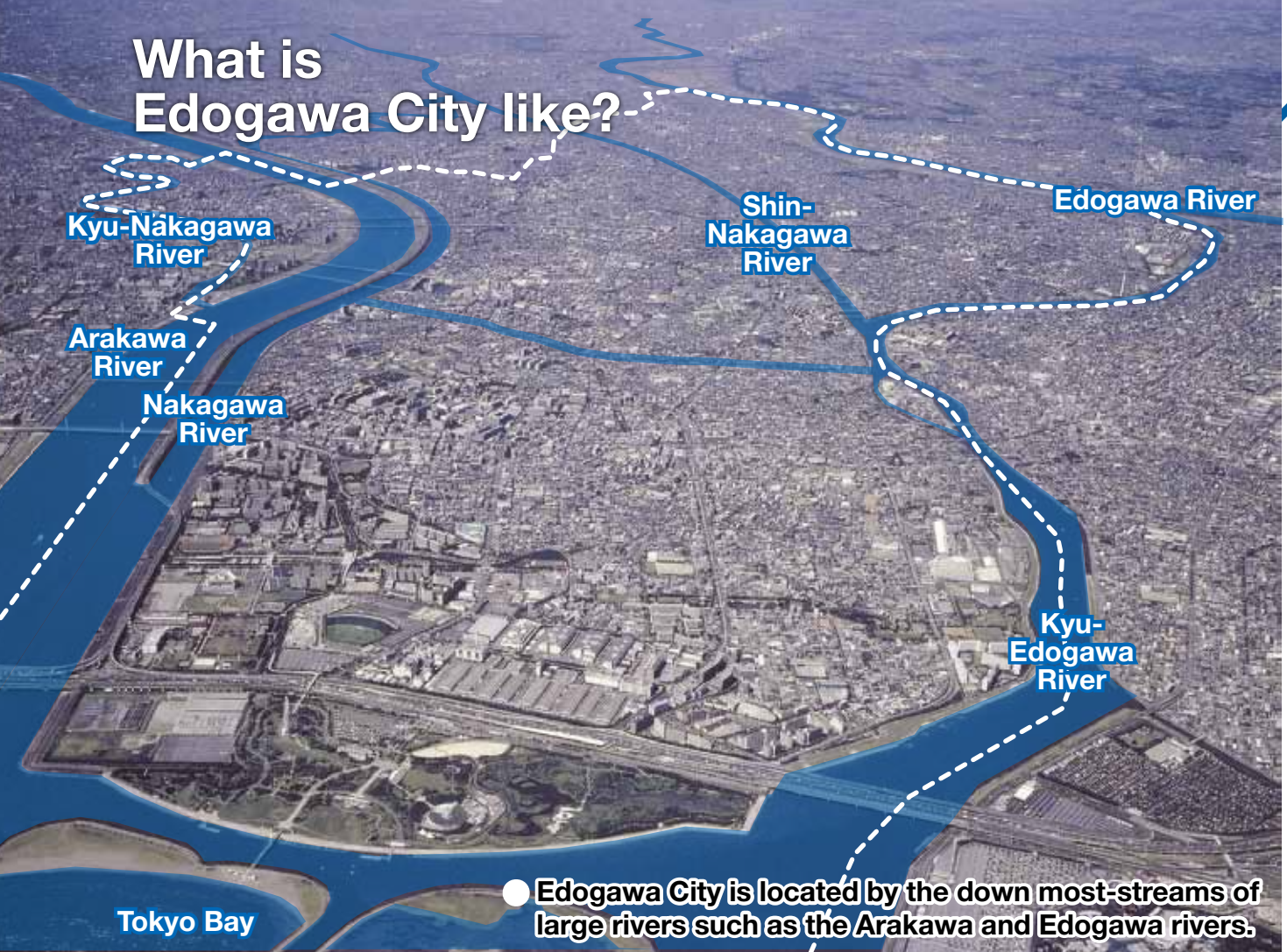
	<b>The importance of communities</b>	P. 17-18
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Think of others /Communicate

	Areas are affected differently by flood disasters _____	P. 19-20
	Expected inundation area map of high tide flooding _____	P. 21-22
	Expected inundation area map of Arakawa River flooding _____	P. 23-24
	Expected inundation area map of Edogawa River flooding _____	P. 25-26
	Expected inundation area map of Tonegawa River flooding _____	P. 27-28
	Expected inundation area map of Nakagawa River flooding _____	P. 29-30
	Estimated inundation area map of inland flooding _____ (flood caused by torrential rain that cannot be drained within certain areas)	P. 31-33

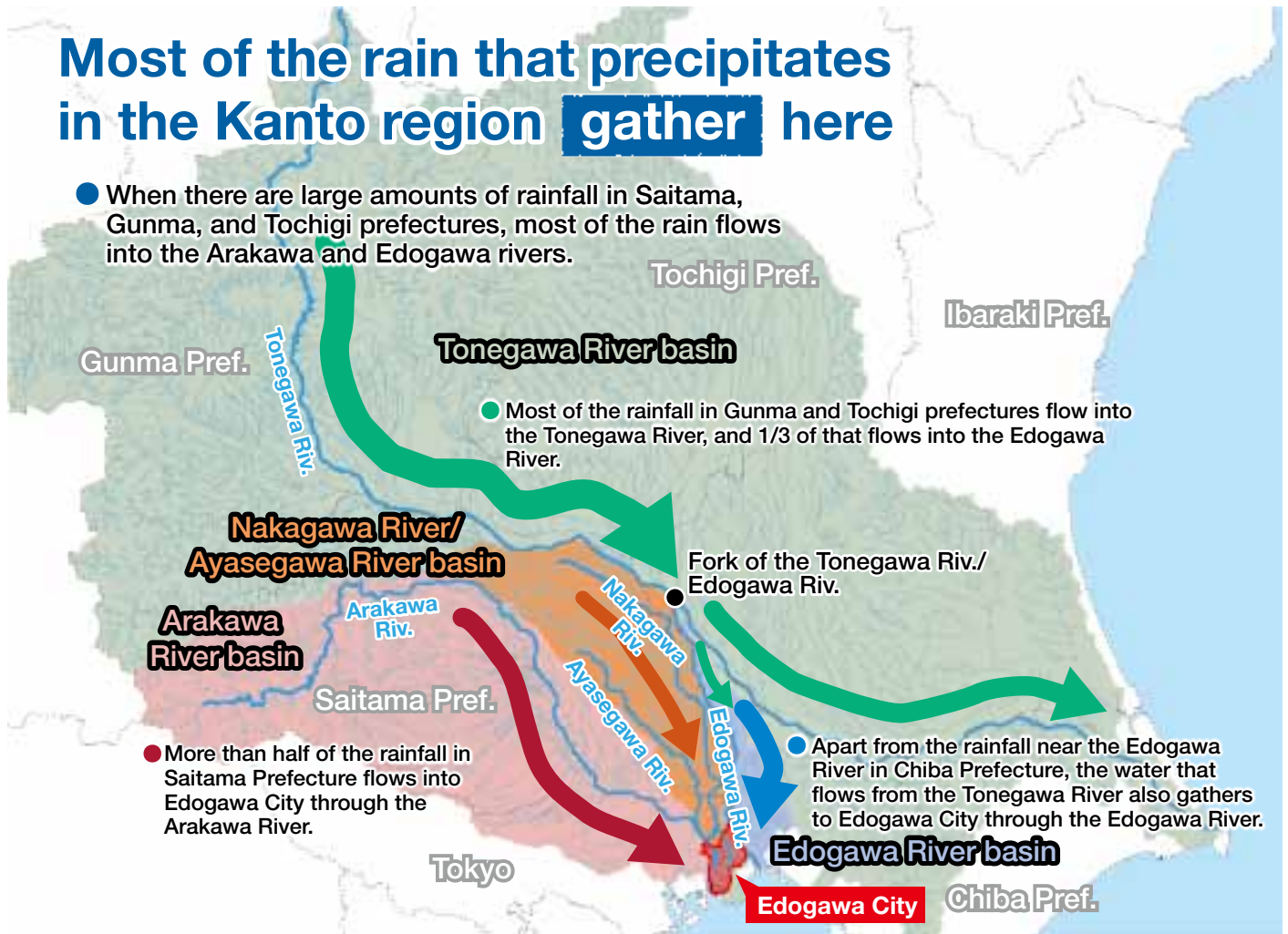
Expected inundation area map

# What is Edogawa City like?



● Edogawa City is located by the down most-streams of large rivers such as the Arakawa and Edogawa rivers.

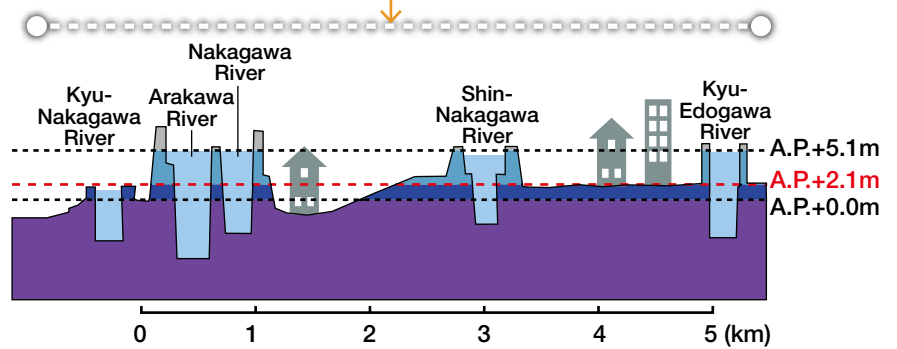
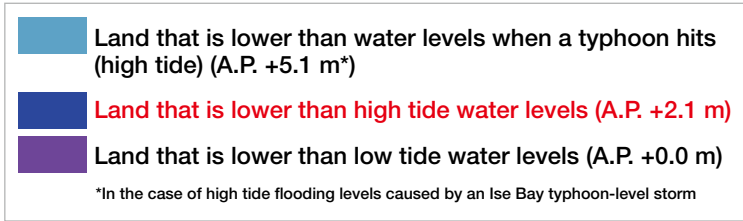
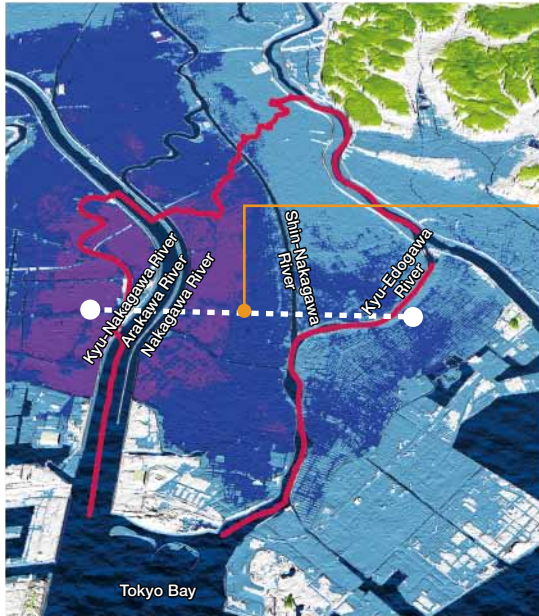
## Most of the rain that precipitates in the Kanto region gather here



# Below Sea Level Area

- Edogawa City is surrounded by the Arakawa River, Edogawa River, and Tokyo Bay; therefore 70% of its land area is below sea level\*.

\*Land that is lower than high tide water levels



- Water levels of nearby rivers will rise above ground elevations in most areas of Edogawa City, even when it is not torrential rain or a typhoon.

What is Edogawa City like?

# Flood disasters in the past...

- A typhoon hit when the Tokyo Bay was at high tide. Tide levels rose, and the city was flooded. (Typhoon Kitty in August 1949)



Nearby the south exit of Hirai Station (Photo source: Edogawa City)

- Water that overflowed from the Tonegawa River reached Edogawa City after four days, and flooding continued for over half a month. (Typhoon Kathleen in September 1947)



Nearby Hon-Isshiki (Sugawarabashi Bridge) (Photo source: Edogawa City)

What would happen to Edogawa City if a flood occurred today?

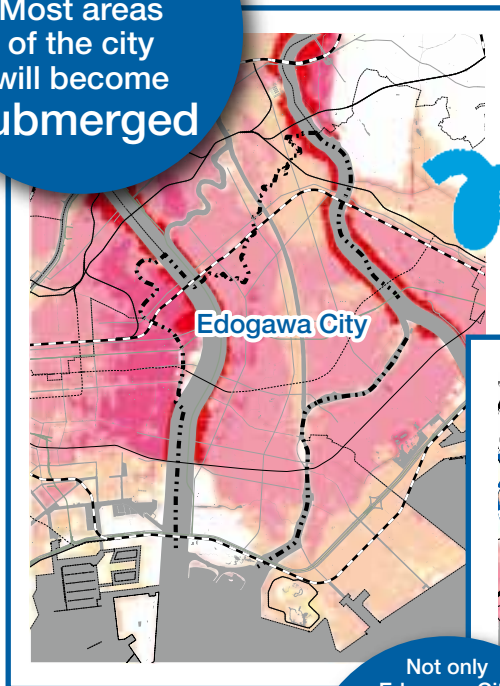
If largest expected typhoons or torrential rain caused the Arakawa and Edogawa rivers to overflow... caused a high tide flooding...

# What would happen?

- Large scale flood disasters caused by flooding and high tide flooding are occurring around the world as a result of unprecedented typhoons or torrential rain that was led by global warming.

What would happen?

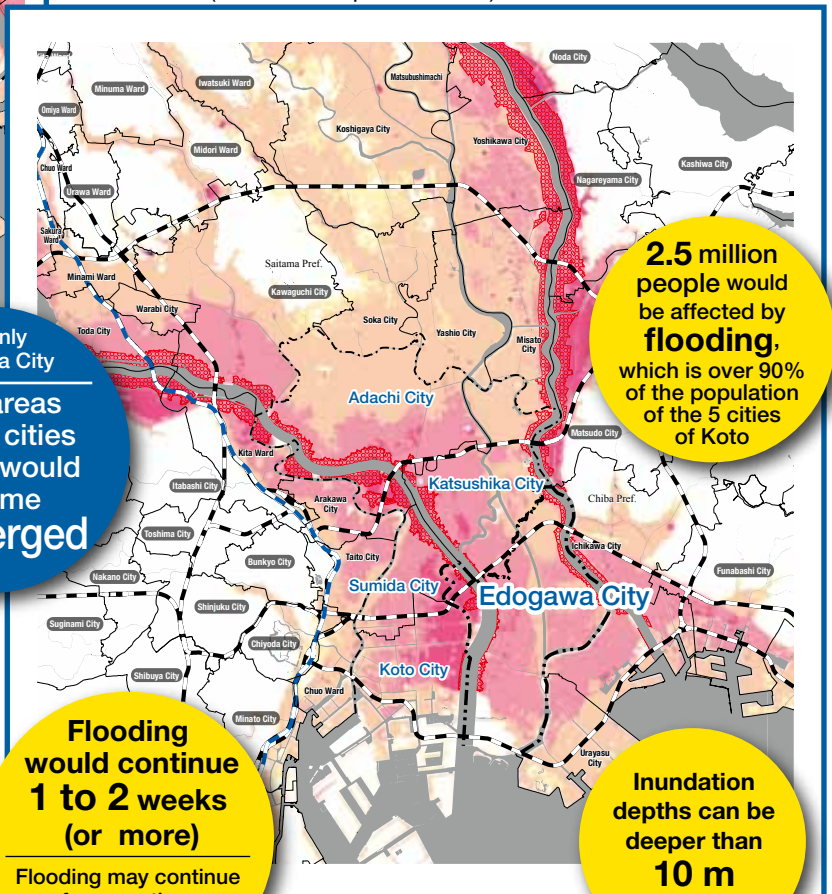
Most areas of the city will become submerged



Since many areas of Edogawa City are at below sea level, most of the city will become submerged.

Is it only Edogawa City?

Expected inundation area map of Arakawa River flooding, Edogawa River flooding, and High tide flooding (maximum expected scale)



Not only Edogawa City  
Most areas in the 5 cities of Koto\* would become submerged

2.5 million people would be affected by flooding, which is over 90% of the population of the 5 cities of Koto

Apart from Edogawa City, most areas in the 5 cities of Koto\* will become submerged.

Flooding would continue 1 to 2 weeks (or more)

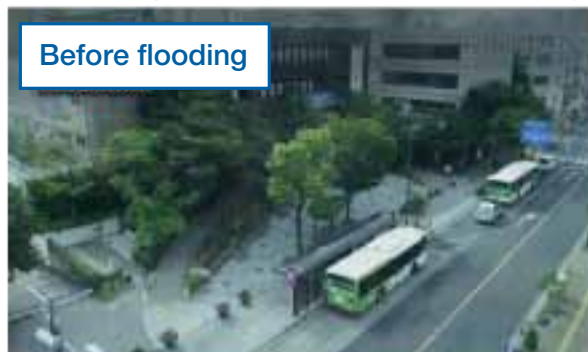
Flooding may continue for more than 2 weeks at the longest

Inundation depths can be deeper than 10 m at the most

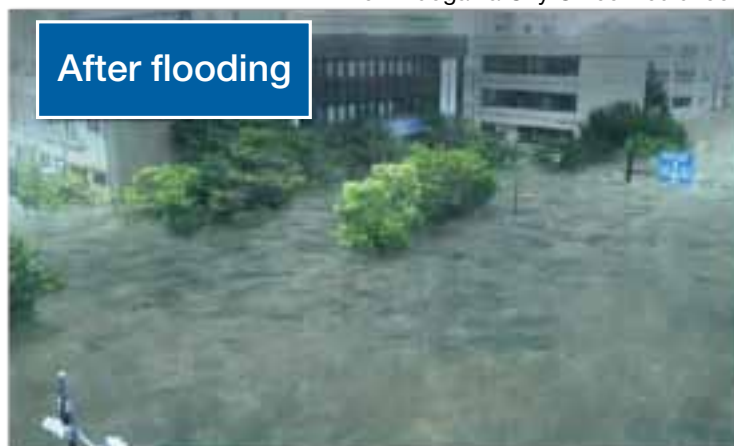
\*Edogawa City, Sumida City, Koto City, Adachi City and Katsushika City

Public facilities such as the City Office will also become heavily submerged in the event of flooding.

How Edogawa City Office would look



Before flooding



After flooding

What would happen?

You must **not** remain within your home or city area

Flooding may continue for more than 2 weeks at the longest if the Arakawa or Edogawa rivers overflow, or if there is a high tide flooding.

Don't expect to be safe if you evacuate to earthquake evacuation sites within the city

Evacuation sites could also become submerged, forcing you to remain in flooded conditions for more than 2 weeks

Don't expect to be safe because you are in an apartment building, or because your room is above the 3rd floor

You could be forced to remain in conditions without water, electricity, gas, and unable to use the bathroom for over 2 weeks

You cannot expect to be rescued immediately

2.5 million people cannot be all rescued in flooding conditions

You may have to endure conditions in flood without water, electricity, gas, and unable to use the bathroom for more than 2 weeks until the water withdrawals.

Thirsty but no water

Cannot do the laundry

Food in the refrigerator becomes wasted

Cannot use air conditioners even when hot

Mobile phone and television don't work

Trash accumulates

Toilet waste cannot be flushed

Heat attacks

Digestive problems

The typhoon season can especially cause hygienic problems and mental stress since it is extremely humid.

If largest expected typhoons or torrential rain caused the Arakawa and Edogawa rivers to overflow... caused a high tide flooding...

# What should I do?

● What should you do if an unprecedented scale typhoon or torrential rain is expected to hit?

**Do not remain in the city!**

**What should I do?**

**Evacuate to safe areas outside the city,**

or areas with no risk of river flooding or landslides

Leave areas within the 5 cities of Koto, and evacuate to areas with high elevation or areas with no risk of flooding (long-distance evacuation to areas outside the city).



**What should I do?**

**Confirm evacuation points on your own**

**If you cannot reach long-distance evacuation points...**



Firstly, confirm other evacuation points on your own by contacting homes of relatives/friends or accommodation facilities/workplaces that are located outside the city.



**Evacuate to local disaster prevention bases**

Safe areas that will not be submerged when flood disasters occur within or nearby the city

If you cannot reach local disaster prevention bases...

**Evacuate to evacuation facilities (elementary/junior high schools)**



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

**Evacuate to high-rise points on nearby stable buildings**



Avoid worst case scenarios Plan beforehand in case of emergencies

Details of evacuation points are mentioned in **P13-14.**

You can check all areas with risk of river flooding and landslides.

MLIT Multi-layered hazard map



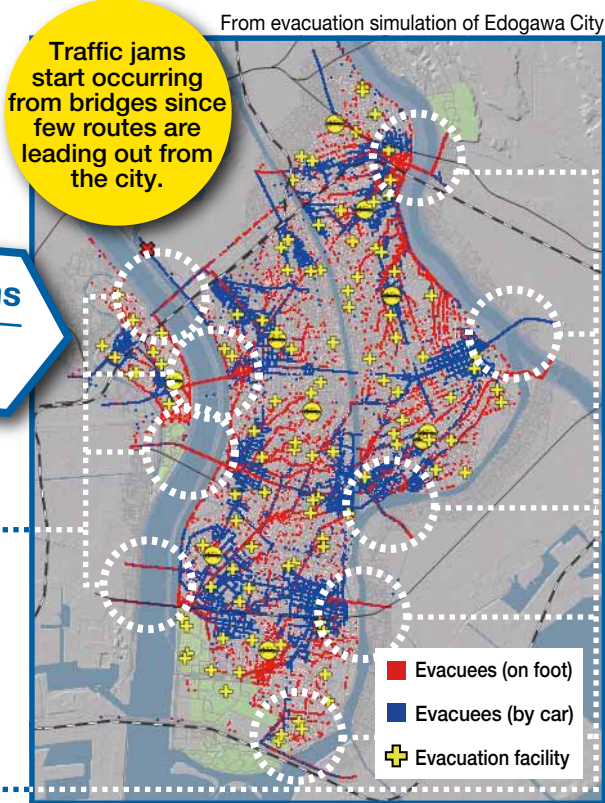
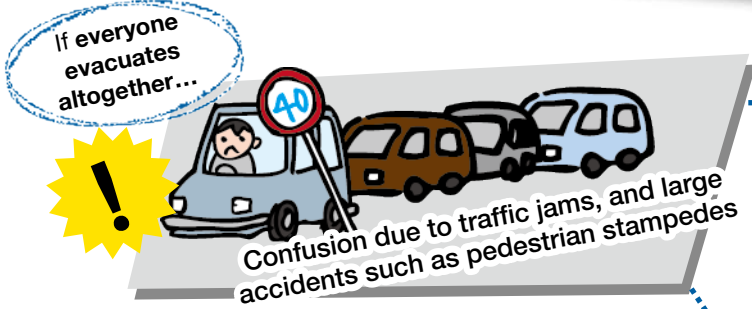
<https://disaportal.gsi.go.jp/index.html>





Major congestion and traffic jams will occur if 2.5 million people (over 90% of the population of the 5 cities of Koto) try to long-distance evacuation altogether (to areas outside the city).

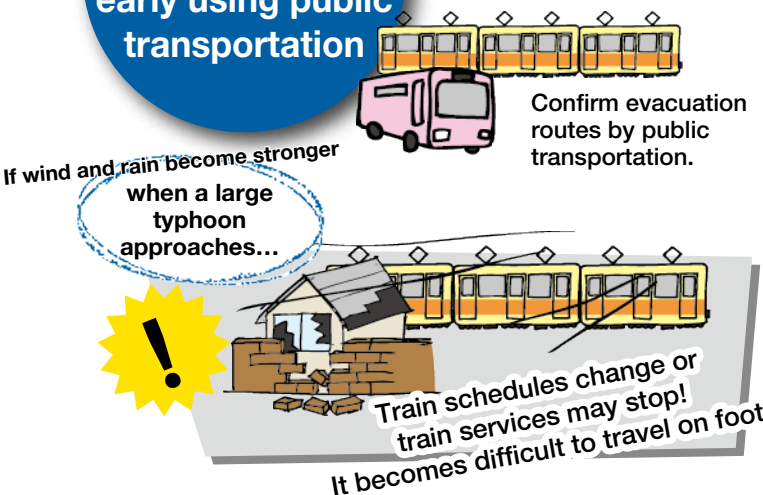
**Major congestion and traffic jams** will occur even if it is only the people of Edogawa City evacuating!



What should I do?

**What should I do?**  
 Evacuate early using public transportation

Try to evacuate early by using public transportations.



**How wind force can affect evacuation**

Wind force (forecast term)	Average speed (per second)
<b>Strong wind</b>	Less than 15 m-20 m
Unable to walk against the wind, and some people may fall.	
<b>Very strong wind</b>	Less than 20 m-25 m
Unable to stand unless you hold on to something. Difficult to drive at regular speed.	
<b>Very strong wind</b>	Less than 25 m-30 m
Staying outdoors becomes highly dangerous. Trucks that are running can be overturned.	
<b>Gale force wind</b>	Over 30 m
Many trees could fall. Some concrete block walls may collapse.	

**What should I do?**  
 Gather as much information as possible

Gather as much information as you can so as not to miss the timing to evacuate.



# Information on announcing evacuations

- When there is the possibility of large typhoons or torrential rain requiring long-distance evacuation, information regarding long-distance evacuation will be announced in stages by the 5 cities of Koto jointly.

In the case of high tide flooding As a guideline... Forecast of a typhoon with a central pressure lower than 930 hPa approaching Tokyo


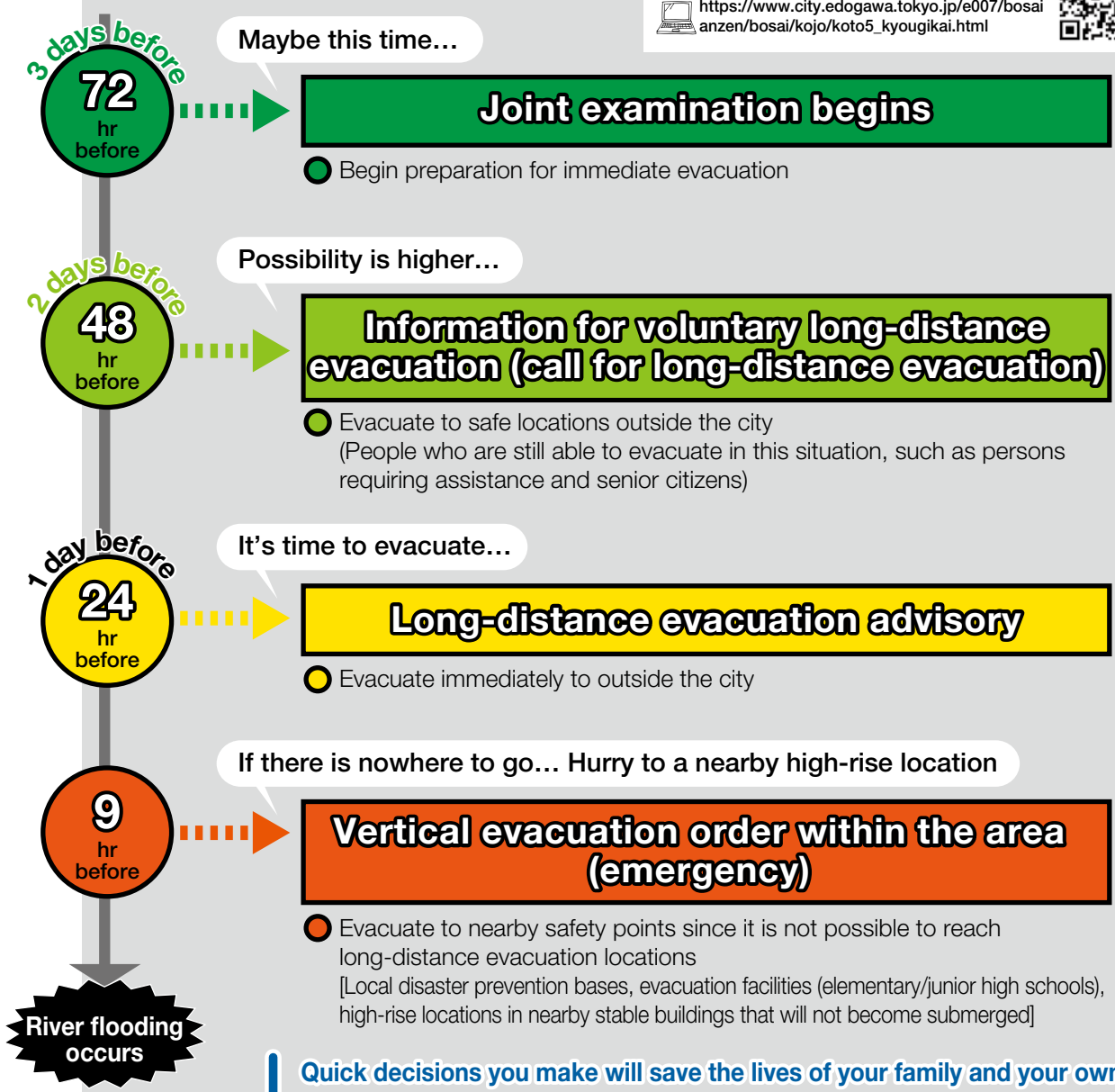
In the case of a flood As a guideline... Forecast of total rainfall amount over 3 days of the Arakawa River basin

## Information on announcing long-distance evacuation

Details regarding various standards can be confirmed

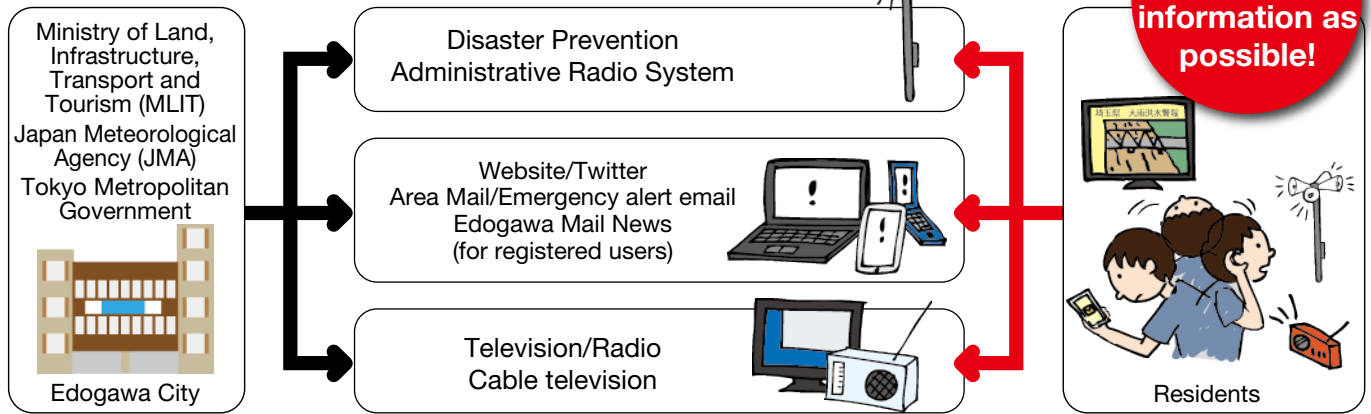
Edogawa City official homepage (Long-distance Evacuation Promotion Council of the 5 cities of Koto)

[https://www.city.edogawa.tokyo.jp/e007/bosai/anzen/bosai/kojo/koto5\\_kyougikai.html](https://www.city.edogawa.tokyo.jp/e007/bosai/anzen/bosai/kojo/koto5_kyougikai.html)

**Quick decisions you make will save the lives of your family and your own life**  
**Make sure to collect as much information beforehand and evacuate early**

## How information is communicated



## How to receive information

### Receive by email

#### Edogawa Mail News **Advanced registration required**

Evacuation information and evacuation site information of Edogawa City are sent by email to registered mobile phones and computers.

How to register

1. Send an email to ✉ [t-edogawamail@sg-m.jp](mailto:t-edogawamail@sg-m.jp) without a subject and text.  
(The email address can also be scanned with the QR code on the right)
2. An email with the registration URL will be automatically sent to your email address.
3. Access the registration URL, follow instructions to complete registration.



## How to check information

### Listen to the disaster prevention administrative radio system

Outdoor broadcasting devices in parks, while schools and nursery schools have indoor broadcast receivers.

#### Disaster prevention broadcast confirmation number

**03-3652-1284**

Details of the broadcast can be confirmed on the homepage or Twitter account of Edogawa City

#### Edogawa City official homepage

<https://www.city.edogawa.tokyo.jp>



#### Edogawa City official Twitter

[https://twitter.com/edogawa\\_city](https://twitter.com/edogawa_city)  
Account name @edogawa\_city  
Hashtag #江戸川区



### Check on television

With data broadcasting televisions, weather information, etc. can be confirmed by pressing the **d** button.

#### Digital terrestrial broadcasting **NHK G **d** button**

For those living in residences (including apartments) that have access to J:COM Edogawa's cable television channels, information can be viewed for free, regardless of subscription to fee-based services of J:COM.

#### Cable television **J:COM Channel emergency broadcasting**

### Check on radio

**AM NHK Radio 1 594 kHz**  
**FM FM Edogawa 84.3 MHz**

# Being prepared for evacuation

- Organize emergency items that will be necessary at evacuation points or during evacuation, and decide evacuation points as well as evacuation routes.
- Be always prepared so you can immediately begin evacuation in case of emergencies.



## 1. Plan for long-distance evacuation by using the hazard map

Fill in the “Your Personal Long-distance Evacuation Plan”

Available in the pocket at the end of this booklet



### STEP 1 Confirm what will happen to your home when a flood or high tide flooding occurs by using the hazard map

The hazard map shows the “**depth**” of inundation levels and “**time**” for duration of floods in your home or at workplaces.

**Time**  
Inundation duration time

**Depth**

Maximum inundation depth



### STEP 2 Confirm long-distance evacuation points and routes

Confirm long-distance evacuation points by contacting homes of relatives/friends or accommodation facilities/workplaces that are located outside the city. Decide evacuation routes by public transportation in order to avoid traffic jams.

Fill in the “Long-distance Evacuation Points” on the back cover



### STEP 3 Confirm who does what when Edogawa City announces information on long-distance evacuation

Gathering as much information as possible and advanced preparation is necessary for long-distance evacuation. Plan how to evacuate and details of how to take action so that you can evacuate calmly.



## 2. Prepare necessary items for evacuation

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.

When taking items with you, use a backpack to keep both hands free and only bring the absolute minimum amount of essential items.

Wear clothes that are easy to move around in when evacuating



### Things to keep in the backpack

- Valuables    Wallet, money (10-yen coins for public telephones), bank book, stamp, health insurance certificate (copy also acceptable), etc.
  - Mobile phone                       Portable radio                       Battery, charger, etc.
  - Flashlight                               Minimum amount of food and drinking water     Towel, tissue
  - Standard medicines, medicine notebook     Change of clothing                       Plastic bag
  - Rain gear                                 Sanitary items                               Family photo
- etc.

### Useful items

- Wet wipes     Mask     Large trash bag     Groundsheet     Work gloves
  - Hat             Whistle     Simple eating utensils such as chopsticks and paper plates     Writing tools
- etc.

### Items that may be necessary according to family members

Infants	Baby food, powder milk, diaper, 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.

Being prepared for evacuation

## 3. Confirm emergency contacts

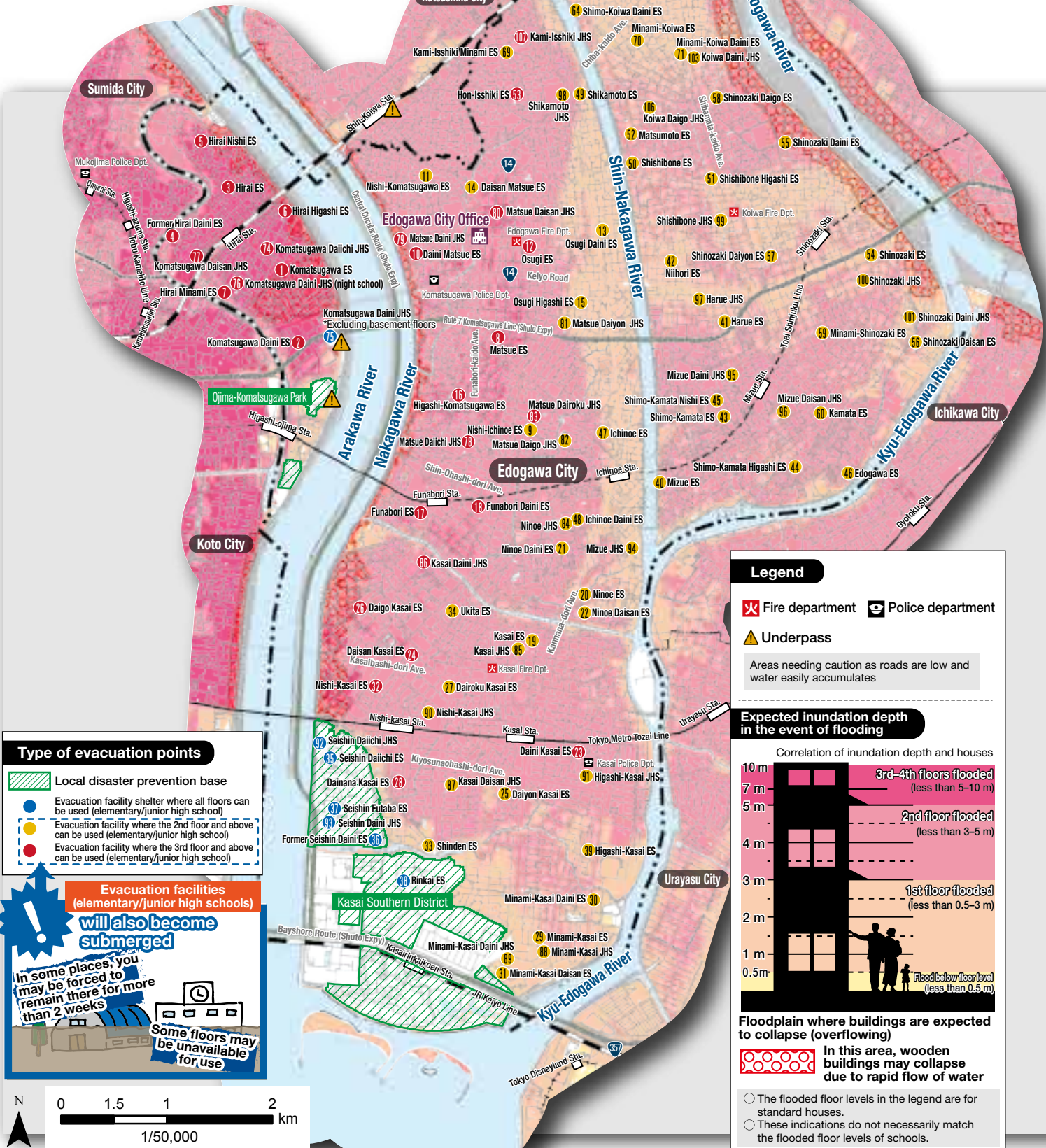
Fill in contacts of your family and neighbors. Also fill in contacts of those to notify before evacuating, and those you must evacuate together with.



Fill in the "Emergency Contacts" on the back cover

# List of other evacuation points when unable to long-distance evacuate

Evacuate to locations that are as safe as possible to protect yourself



### Type of evacuation points

- Local disaster prevention base
- Evacuation facility shelter where all floors can be used (elementary/junior high school)
- Evacuation facility where the 2nd floor and above can be used (elementary/junior high school)
- Evacuation facility where the 3rd floor and above can be used (elementary/junior high school)

**Evacuation facilities (elementary/junior high schools) will also become submerged**

In some places, you may be forced to remain there for more than 2 weeks

Some floors may be unavailable for use

### Legend

- Fire department
- Police department
- Underpass

Areas needing caution as roads are low and water easily accumulates

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### Expected inundation depth in the event of flooding

Correlation of inundation depth and houses

10 m	3rd-4th floors flooded (less than 5-10 m)
7 m	
5 m	2nd floor flooded (less than 3-5 m)
4 m	
3 m	1st floor flooded (less than 0.5-3 m)
2 m	
1 m	
0.5m	Flood below floor level (less than 0.5 m)

**Floodplain where buildings are expected to collapse (overflowing)**

In this area, wooden buildings may collapse due to rapid flow of water

- The flooded floor levels in the legend are for standard houses.
- These indications do not necessarily match the flooded floor levels of schools.

## Evacuate to **local disaster prevention bases**



on the map

Safe locations that will not become submerged if flood disasters occur within or nearby the city

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



## When unable to reach local disaster prevention bases...

### Evacuate to **Evacuation facilities (elementary/junior high schools)**

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

#### Evacuation facility (Elementary School)

On the map

- All floors can be used
- The 2nd floor and above can be used
- The 3rd floor and above can be used

### Evacuate to

### high-rise points on nearby stable buildings

Avoid worst case scenarios  
Plan beforehand in case of emergencies

No.	Elementary School Name	Address	Phone	No.	Elementary School Name	Address	Phone
1	Komatsugawa ES	4-1-23 Hirai	3685-4600	38	Rinkai ES	2-2-11 Rinkaicho	5674-2761
2	Komatsugawa Daini ES	3-6-4 Komatsugawa	3681-4319	39	Higashi-Kasai ES	8-23-1 Higashi-Kasai	3686-2806
3	Hirai ES	6-35-1 Hirai	3613-9311	40	Mizue ES	3-39 Nishi-Mizue	3679-0014
4	Former Hirai Daini ES	6-1-17 Hirai	—	41	Harue ES	1-3-30 Mizue	3679-0666
5	Hirai Nishi ES	7-22-24 Hirai	3612-9498	42	Niihori ES	1-32-1 Niihori	3678-6631
6	Hirai Higashi ES	4-28-9 Hirai	3681-0957	43	Shimo-Kamata ES	3-11-1 Higashi-Mizue	3679-6930
7	Hirai Minami ES	3-3-1 Hirai	3681-4532	44	Shimo-Kamata Higashi ES	2-21 Edogawa	3679-8885
8	Matsue ES	1-16-5 Matsue	3652-7146	45	Shimo-Kamata Nishi ES	4-19-10 Mizue	3677-4591
9	Nishi-Ichinoe ES	7-17-1 Matsue	3651-4845	46	Edogawa ES	1-37 Edogawa	3670-6007
10	Daini Matsue ES	2-16-20 Matsushima	3652-7981	47	Ichinoe ES	4-5-1 Ichinoe	3651-2969
11	Nishi-Komatsugawa ES	3-30-6 Matsushima	3651-2570	48	Ichinoe Daini ES	4-16 Haruecho	3654-9831
12	Osugi ES	2-16-15 Chuo	3651-0561	49	Shikamoto ES	2-35-7 Matsumoto	3653-7414
13	Osugi Daini ES	3-11-1 Osugi	3653-4401	50	Shishibone ES	6-3-5 Shishibone	3670-9475
14	Daisan Matsue ES	4-13-1 Chuo	3653-5348	51	Shishibone Higashi ES	3-7-1 Shishibone	3677-8541
15	Osugi Higashi ES	2-8-5 Nishi-Ichinoe	3652-2194	52	Matsumoto ES	6-9-1 Shishibone	3677-4341
16	Higashi-Komatsugawa ES	3-27-1 Higashi-Komatsugawa	3652-7413	53	Hon-Isshiki ES	2-10-1 Hon-Isshiki	3654-6030
17	Funabori ES	2-22-22 Funabori	3680-6101	54	Shinozaki ES	3-2-18 Shinozakicho	3679-1223
18	Funabori Daini ES	4-14-4 Funabori	3689-5351	55	Shinozaki Daini ES	1-3-1 Kami-Shinozaki	3670-0138
19	Kasai ES	2-4-3 Naka-Kasai	3680-9366	56	Shinozaki Daisan ES	1-1-16 Higashi-Shinozaki	3679-0005
20	Ninoe ES	6-44 Edogawa	3680-6273	57	Shinozaki Daiyon ES	8-12-8 Shinozakicho	3679-1715
21	Ninoe Daini ES	5-13 Haruecho	3687-8031	58	Shinozaki Daigo ES	2-5-1 Kita-Shinozaki	3677-9541
22	Ninoe Daisan ES	5-18-3 Edogawa	3686-2311	59	Minami-Shinozaki ES	4-27-5 Minami-Shinozakicho	3679-0441
23	Daini Kasai ES	6-33-1 Higashi-Kasai	3689-0211	60	Kamata ES	2-45-18 Minami-Shinozakicho	3670-1638
24	Daisan Kasai ES	4-2-19 Kita-Kasai	3680-5111	61	Koiwa ES	3-20-10 Higashi-Koiwa	3657-1078
25	Daiyon Kasai ES	8-8-1 Naka-Kasai	3688-1833	62	Higashi-Koiwa ES	4-12-1 Higashi-Koiwa	3657-0974
26	Daigo Kasai ES	2-13-33 Kita-Kasai	3689-6216	63	Shimo-Koiwa ES	7-8-1 Minami-Koiwa	3657-1077
27	Dairoku Kasai ES	4-5-1 Nishi-Kasai	3688-0485	64	Shimo-Koiwa Daini ES	5-5-1 Minami-Koiwa	3658-1227
28	Dainana Kasai ES	7-8-1 Nishi-Kasai	3688-4891	65	Kami-Koiwa ES	7-2-1 Kita-Koiwa	3657-1348
29	Minami-Kasai ES	5-10-1 Minami-Kasai	3675-0315	66	Kami-Koiwa Daini ES	8-28-11 Kita-Koiwa	3673-0993
30	Minami-Kasai Daini ES	7-5-9 Minami-Kasai	3686-1431	67	Nishi-Koiwa ES	3-19-12 Nishi-Koiwa	3657-1530
31	Minami-Kasai Daisan ES	5-2-1 Minami-Kasai	3878-3357	68	Former Kami-Isshiki ES	2-4-1 Nishi-Koiwa	—
32	Nishi-Kasai ES	3-9-44 Nishi-Kasai	3686-7640	69	Kami-Isshiki Minami ES	3-28-24 Hon-Isshiki	3655-4103
33	Shinden ES	8-16-1 Nishi-Kasai	3675-4681	70	Minami-Koiwa ES	4-16-1 Minami-Koiwa	3657-1565
34	Ukita ES	5-13-1 Kita-Kasai	3689-1291	71	Minami-Koiwa Daini ES	2-16-1 Minami-Koiwa	3657-0257
35	Seishin Daiichi ES	1-4-19 Seishincho	3878-1271	72	Naka-Koiwa ES	3-12-22 Kita-Koiwa	3657-1721
36	Former Seishin Daini ES	2-10-1 Seishincho	—	73	Kita-Koiwa ES	2-15-1 Kita-Koiwa	3659-5351
37	Seishin Futaba ES	1-1-38 Seishincho	3878-3621				

#### Evacuation facility (Junior High School)

No.	Junior High School Name	Address	Phone
74	Komatsugawa Daiichi JHS	4-7-21 Hirai	3681-3403
75	Komatsugawa Daini JHS*	2-10-2 Komatsugawa	3685-4900
76	Komatsugawa Daini JHS (night school)	3-20-1 Hirai	3684-0745
77	Komatsugawa Daisan JHS	5-3-11 Hirai	3619-9911
78	Matsue Daiichi JHS	5-5-1 Matsue	3652-0197
79	Matsue Daini JHS	2-3-1 Matsushima	3651-2546
80	Matsue Daisan JHS	1-20-1 Chuo	3651-0043
81	Matsue Daiyon JHS	1-16-1 Nishi-Ichinoe	3652-7591
82	Matsue Daigo JHS	6-18-1 Ichinoe	3652-7946
83	Matsue Dairoku JHS	7-16-18 Matsue	3656-6711
84	Ninoe JHS	5-3-1 Haruecho	3686-2281
85	Kasai JHS	2-4-3 Naka-Kasai	3680-3486
86	Kasai Daini JHS	1085 Ukitcho	3680-5146
87	Kasai Daisan JHS	6-6-13 Naka-Kasai	3687-8021
88	Minami-Kasai JHS	5-12-1 Minami-Kasai	3675-0317
89	Minami-Kasai Daini JHS	5-3-1 Minami-Kasai	3878-3651
90	Nishi-Kasai JHS	5-10-18 Nishi-Kasai	3686-7874
91	Higashi-Kasai JHS	6-40-1 Higashi-Kasai	3675-4761
92	Seishin Daiichi JHS	1-5-14 Seishincho	3878-1281
93	Seishin Daini JHS	2-1-2 Seishincho	3877-6631
94	Mizue JHS	4-16 Edogawa	3651-2210
95	Mizue Daini JHS	4-54-1 Mizue	3670-1301
96	Mizue Daisan JHS	1-38-33 Higashi-Mizue	3678-1495
97	Harue JHS	2-47-1 Haruecho	3678-9241
98	Shikamoto JHS	1-36-1 Matsumoto	3651-0817
99	Shishibone JHS	2-12-1 Shishibone	3678-5166
100	Shinozaki JHS	5-12-19 Shinozakicho	3679-3001
101	Shinozaki Daini JHS	14-1 Shimo-Shinozakicho	3677-9531
102	Koiwa Daiichi JHS	3-10-8 Higashi-Koiwa	3659-7291
103	Koiwa Daini JHS	1-6-10 Higashi-Koiwa	3657-1916
104	Koiwa Daisan JHS	8-19-1 Kita-Koiwa	3657-1958
105	Koiwa Daiyon JHS	3-9-18 Nishi-Koiwa	3659-9471
106	Koiwa Daigo JHS	5-27-1 Shishibone	3679-6375
107	Kami-Isshiki JHS	1-8-11 Kami-Isshiki	3653-5407

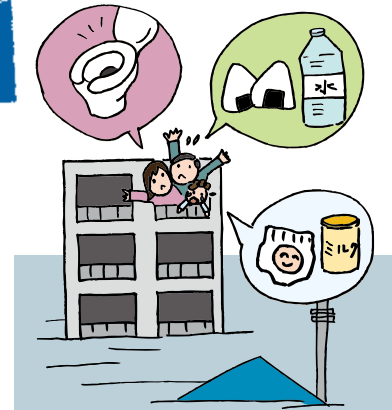
\*Excluding basement floors

List of other evacuation points

# Being prepared for remaining in one place

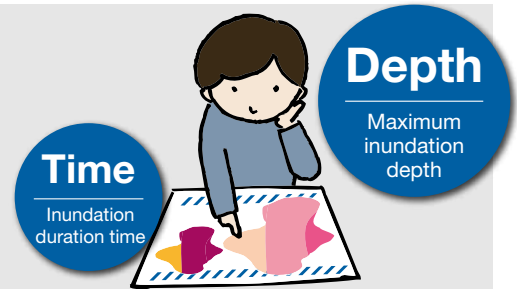
## when unable to long-distance evacuate

- If you are unable to evacuate and must remain within the city area, you may have to endure flooded conditions for over 2 weeks at the longest.
- You must prepare enough food, drinking water, and toilet supplies, and be ready to remain isolated for long periods.



### 1. Confirm what will happen to your home when a flood or high tide flooding occurs by using the hazard map

The hazard map shows the “**depth**” of inundation levels and “**time**” for duration of floods in your home or at workplaces.



### 2. Imagine if you and your family remain at home and do not long-distance evacuate

In Edogawa City and the 5 cities of Koto...

Most areas will become submerged



Conditions may last for more than 2 weeks at the longest

2.5 million people in the flood

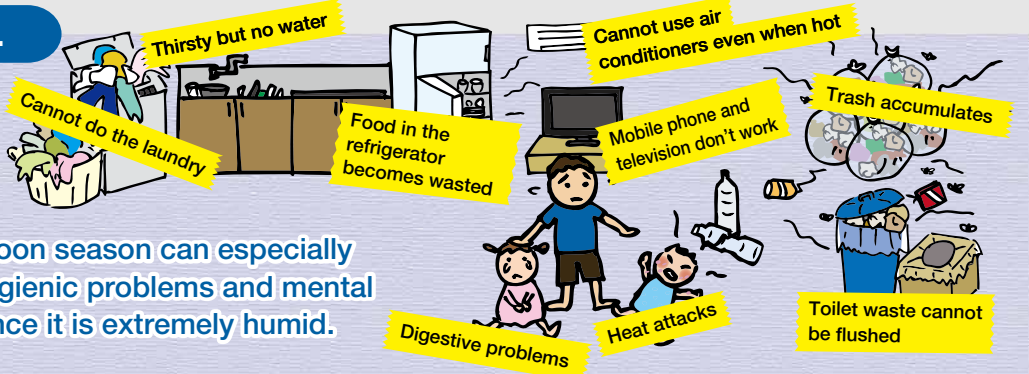
The more people remain in the area, the more time it will take for rescue



According to an estimation by the government, only **20,000/day** can be rescued at most

Isolation

At home...



The typhoon season can especially cause hygienic problems and mental stress since it is extremely humid.

You may have to endure conditions in flood without water, electricity, gas, and unable to use the bathroom for more than 2 weeks until the water withdrawals. You must be mentally prepared and have supplies ready.

First, let's plan for evacuation to areas that are not affected by flood



### 3. Refer to P. 12 and prepare necessary items for evacuation

#### If you are still forced to remain...

### 4. Be sufficiently prepared to endure conditions without lifeline utilities such as water supply, electricity, gas, and toilets for 2 weeks or more



- Food (for 2 weeks)

Canned food, boil-in-the-bag meals, nutritional supplement food, snacks, condiments, soups, etc.

Create a routine for being prepared by regularly eating these foods and then restocking them

**For 2 weeks**  
Preservable food that everyone in the family is used to eating



2 weeks' worth for whole family members if possible

- Drinking water (for 2 weeks)

Prepare enough for around 3 liters a day for 1 adult

- Toilet supplies (for 2 weeks)

Portable toilet, waste storage container, toilet bag, toilet paper

- Fuel (for 2 weeks)

Portable stove, gas cylinder, solid fuel

- Food wrap       Sleeping gear, sleeping bag       Toiletries

#### Other items that should be prepared for each apartment (keep stored on floors that won't become submerged)

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

- Necessary items for life-saving and rescue

Inflatable boat       Rope       AED       Stretcher

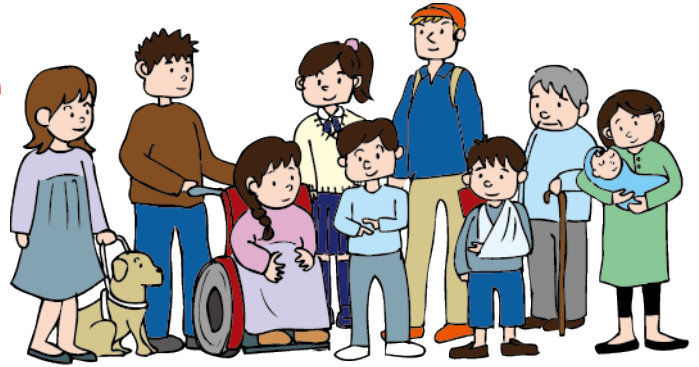
- Necessary items for remaining in homes

Lantern       Power generator       Fuel for power generator  
 Cord reel       Floodlight       Tent

Being prepared for remaining in one place

# The importance of communities

- Cooperating with everyone in the community makes a huge difference in emergencies.



## Protect your own life

In order to prevent lives from being lost due to disasters, it is important for each individual to remember that “ultimately you must save yourself in emergencies”. We must remember to be self-reliant and prepared for disasters. Believing wishfully that you will be safe or relying on others is dangerous.

## A family’s lives can be protected by the family

If you can protect your own life, you can save your family. Confirming with each other in the family how to act in case of emergencies and making sure to be ready will also lead to protecting the family.

## A community can be protected by the people who live there

If the residents of a community are able to save themselves and their families independently, people could be able to deal with situations that would be difficult to overcome individually.



## Make decisions together, evacuate together

Individuals may hesitate to evacuate even if information regarding evacuation is announced. It becomes easier to decide evacuations if everyone in the community thinks of an evacuation plan together.

### From beforehand...

Choose evacuation points and when to evacuate with everyone



### Know

which individuals need help to evacuate

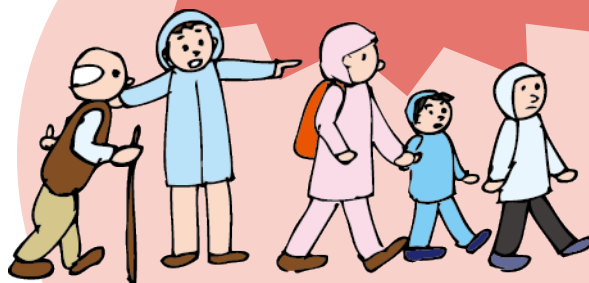
## It is important for everyone to cooperate

Actively taking part in town and local assemblies will help to develop a cooperative relationship between neighbors and people of the community.



### When the time comes...

# Evacuate with everyone!



### For example...

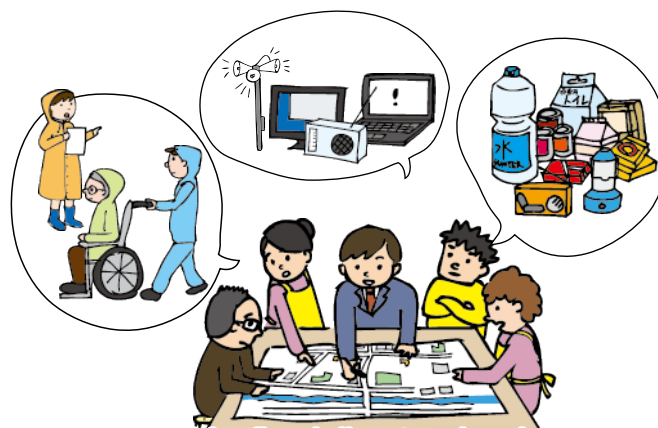
Notify neighbors beforehand and evacuate



## Preparing an evacuation plan for facilities for people in need of special care

Facilities for people in need of special care such as medical treatment facilities, social welfare facilities, and schools should create a plan and carry out evacuation drills for people who use these facilities to ensure their safety when flood disasters occur.

On June 19, 2017, a law for revising a section of the Flood Control Act was implemented, and managers of facilities for people in need of special care are obligated to create evacuation plans and carry out evacuation drills.



Be prepared for flood disasters by planning for evacuation and regularly carrying out drills

# Areas are affected differently by flood disasters

- Most areas of Edogawa City will probably become submerged if a high tide flooding occurs.
- There is a risk of flooding even if the Arakawa and Edogawa rivers overflow, as well as if the Nakagawa and Tonegawa rivers overflow. However, it is not possible to predict which river will overflow, as this will depend on the rainfall and where it will rain.
- When there is localized torrential rainfall within the city, rainwater may not be drained sufficiently and it may accumulate within the city area.

Area east from Shin-Nakagawa River This color in the map is is

- If a **high tide** flooding occurs
  - If the **Arakawa River** overflows
  - If there is **localized torrential rainfall** within the city
- Additionally**
- If the **Edogawa River** overflows **P.25-26**
  - If the **Tonegawa River** overflows **P.27-28**
  - If the **Nakagawa River** overflows **P.29-30**

Areas that may become submerged

Entire area of Edogawa City In this section of the map In this section of the map

- If a **high tide** flooding occurs **P. 21-22**
  - If the **Arakawa River** overflows **P. 23-24**
  - If there is **localized torrential rainfall** within the city **P. 31-33**
- Areas that may become submerged



## Whys of expected inundation

**Why?** Why is the inundation range different according to rivers?

- Water that overflows from rivers travels from elevated areas to lower areas, and the inundation range spreads.
- Depending on the amount of water that overflows, the flow may stop in areas of certain topography or embankments of small and medium size rivers. Water may also rise above embankments and spread. Therefore, the inundation range can vary.

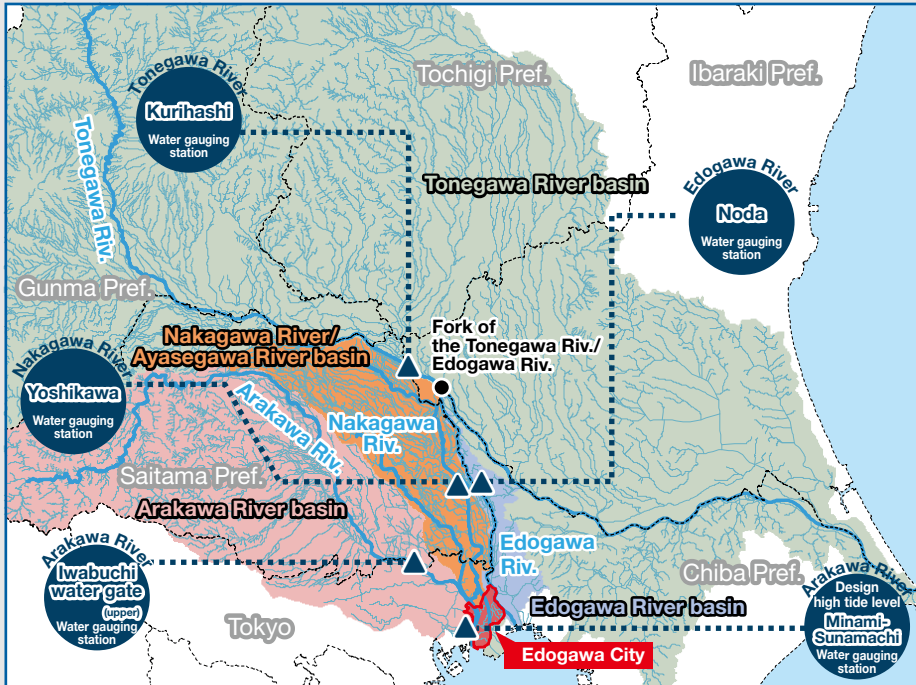
**Why?** Why does inundation last for over 2 weeks?

- When inundation depth becomes deep, drainage pumps or water gates, etc., electric equipment for private power generators become submerged, which makes it impossible to drain. Therefore, inundation can last for long periods.



- Expected inundation area map of high tide flooding [Tokyo Metropolitan Government] (Created on: March 30, 2018)
  - Expected inundation area map of high tide flooding [Chiba Pref.] (Created on: November 2018)
  - Expected inundation area map of Arakawa River flooding (Specified date: May 30, 2016)
  - Expected inundation area map of Edogawa River flooding (Specified date: July 20, 2017)
  - Expected inundation area map of Tonegawa River flooding (Specified date: July 20, 2017)
  - Expected inundation area map of Nakagawa River flooding (Specified date: July 20, 2017)
  - Estimated inundation area map of Nakagawa River/Ayasegawa River areas (Created on: June 9, 2006)
  - Estimated inundation area map of river basins within Koto area (Created on: May 26, 2004)
- Categorizing, adding information by using the above as reference.

## Providing indications for evacuation Water gauging stations of rivers



## Information notifying evacuation when there is a high risk of river flooding

- An evacuation advisory will be announced when water levels of rivers rise, and there is a risk of river flooding.

Water level of rivers is rising

### Begin evacuation preparation and evacuation of seniors

- People in need of special care and seniors begin evacuation
- Begin preparing for immediate evacuation

There is a risk of river flooding

### Evacuation advisory

- Begin evacuation to local disaster prevention bases or evacuation facilities (elementary/junior high schools)

River flooding can occur at any moment

### Evacuation order (emergency)

- Evacuate to rooms in the house above inundation levels or nearby high-rise buildings

River flooding occurs

## How to check torrential rain/water level information

How to check information is also mentioned on P. 10

### Japan Meteorological Agency (JMA)

<https://www.jma.go.jp>

JMA homepage

- ▶ Disaster prevention information
  - ▶ Weather warning/advisory
  - ▶ Typhoon information
  - ▶ Hazard distribution (hazard distribution of torrential rain warning or flood warning)



### Edogawa City weather information system

<http://edogawa.tenki.ne.jp>



### MLIT Disaster prevention information of rivers

<https://www.river.go.jp>



## How to check evacuation information

### Edogawa Mail News

Advanced registration required

Evacuation information and evacuation site information of Edogawa City are sent by email to registered mobile phones and computers.

How to register [t-edogawamail@sg-m.jp](mailto:t-edogawamail@sg-m.jp)

Send an email to the email address without subject and text (The email address can also be scanned with the QR code on the right)



### Area Mail/Emergency notification email

Emergency information will be sent to mobile phones accepting emergency notification emails.

\*Contact mobile phone companies for details.

### Check on television

Digital terrestrial broadcasting **NHK G button**  
Cable television **J:COM Channel emergency broadcasting**  
Information can be viewed if residences (including apartments) have access to J:COM Edogawa's cable television channels.

### Check on radio

**AM NHK Radio 1 594 kHz**  
**FM FM Edogawa 84.3 MHz**

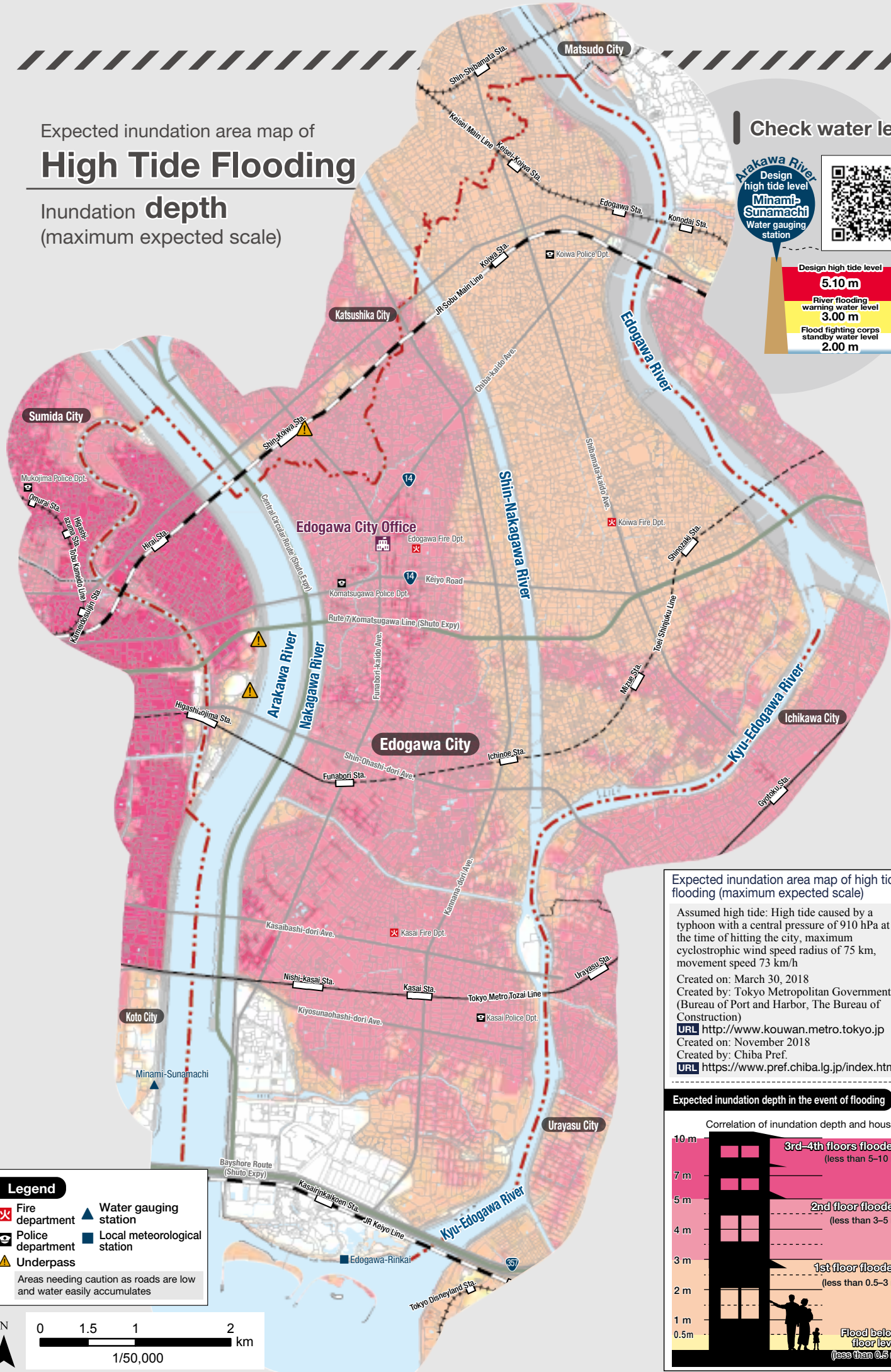
Areas are affected differently by flood disasters

# Expected inundation area map of High Tide Flooding

Inundation depth  
(maximum expected scale)

Check water level

**Arakawa River**  
Design high tide level  
**Minami-Sunamachi**  
Water gauging station

Expected inundation area map of high tide flooding (maximum expected scale)

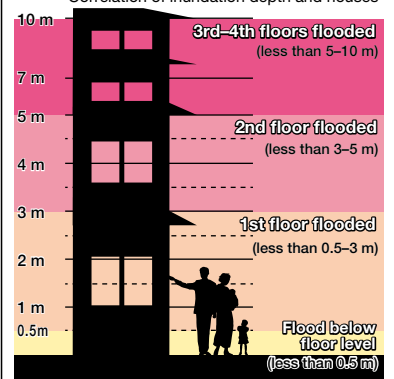
Assumed high tide: High tide caused by a typhoon with a central pressure of 910 hPa at the time of hitting the city, maximum cyclostrophic wind speed radius of 75 km, movement speed 73 km/h

Created on: March 30, 2018  
Created by: Tokyo Metropolitan Government (Bureau of Port and Harbor, The Bureau of Construction)

URL <http://www.kouwan.metro.tokyo.jp>  
Created on: November 2018  
Created by: Chiba Pref.  
URL <https://www.pref.chiba.lg.jp/index.html>

Expected inundation depth in the event of flooding

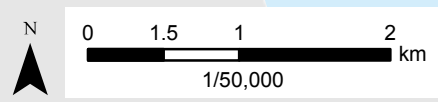
Correlation of inundation depth and houses



**Legend**

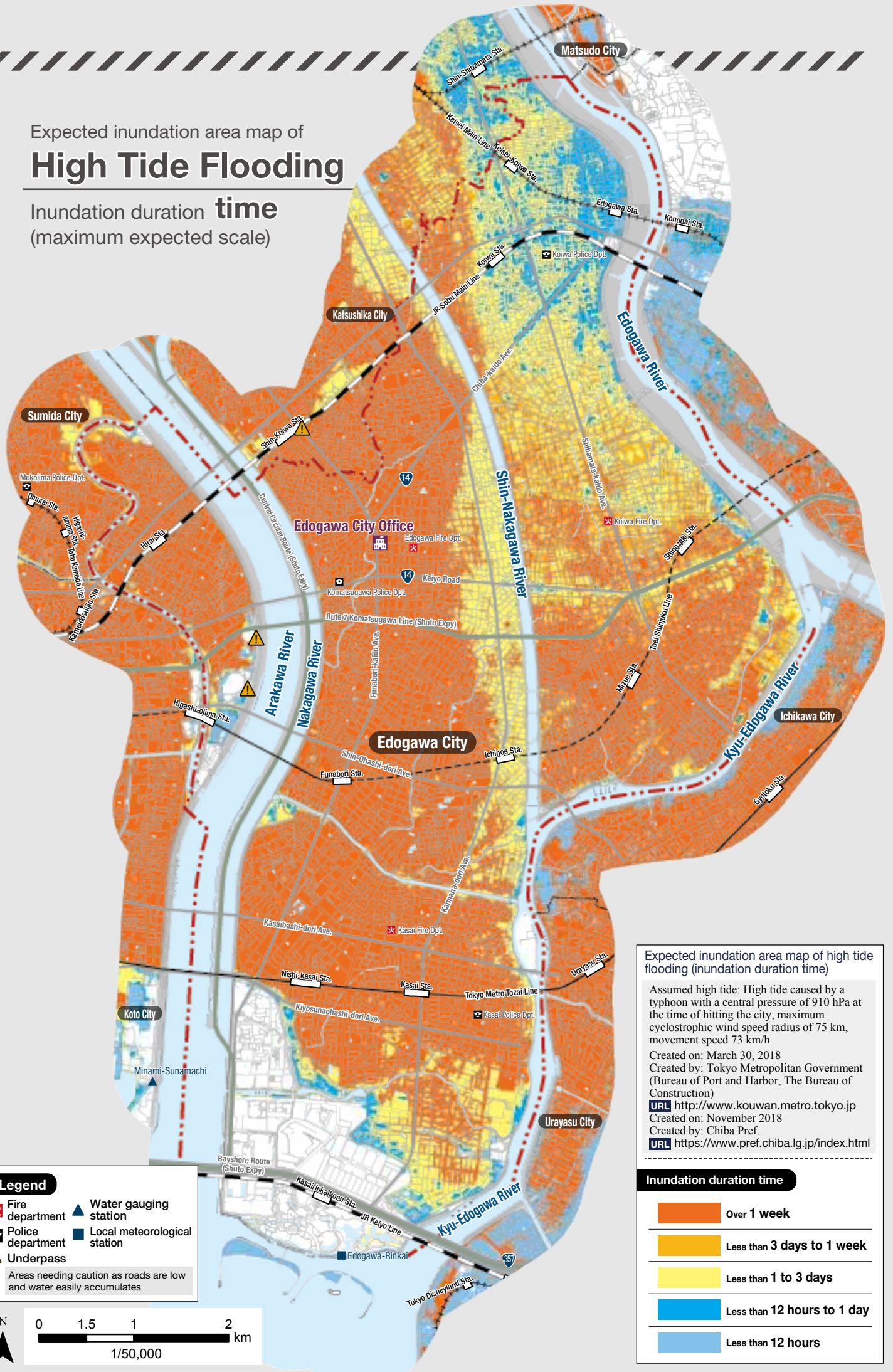
- Fire department
- Police department
- Underpass
- Water gauging station
- Local meteorological station

Areas needing caution as roads are low and water easily accumulates



# Expected inundation area map of High Tide Flooding

Inundation duration **time**  
(maximum expected scale)



Expected inundation area map of high tide flooding (inundation duration time)

Assumed high tide: High tide caused by a typhoon with a central pressure of 910 hPa at the time of hitting the city, maximum cyclostrophic wind speed radius of 75 km, movement speed 73 km/h  
 Created on: March 30, 2018  
 Created by: Tokyo Metropolitan Government (Bureau of Port and Harbor, The Bureau of Construction)  
 URL <http://www.kouwan.metro.tokyo.jp>  
 Created on: November 2018  
 Created by: Chiba Pref.  
 URL <https://www.pref.chiba.lg.jp/index.html>

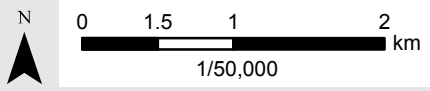
**Inundation duration time**

- Over 1 week
- Less than 3 days to 1 week
- Less than 1 to 3 days
- Less than 12 hours to 1 day
- Less than 12 hours

**Legend**

- Fire department
- Water gauging station
- Police department
- Local meteorological station
- Underpass

Areas needing caution as roads are low and water easily accumulates



# Expected inundation area map of Arakawa River flooding

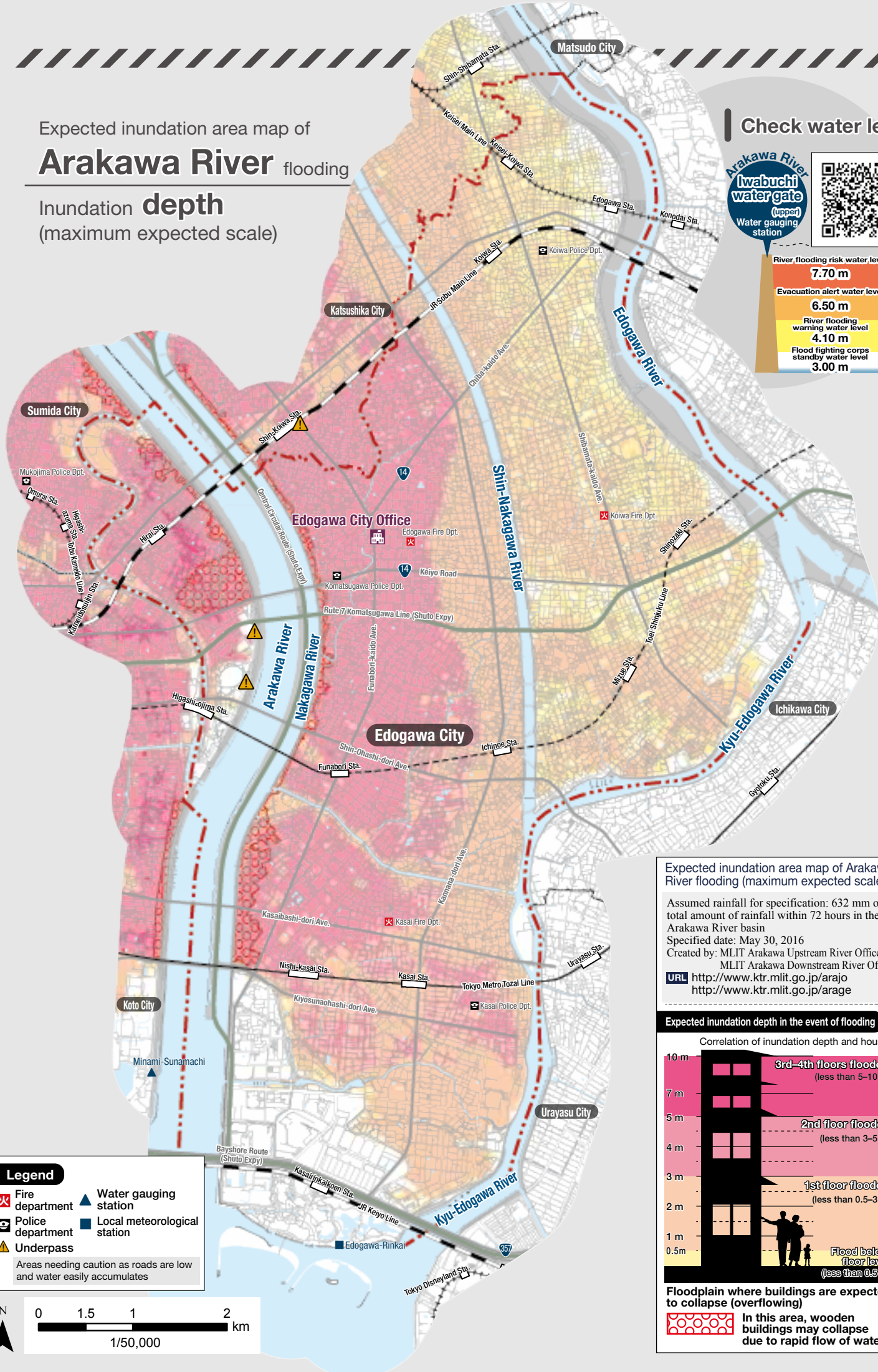
Inundation **depth**  
(maximum expected scale)

Check water level

Arakawa River  
**Iwabuchi water gate**  
(upper)  
Water gauging station



River flooding risk water level	<b>7.70 m</b>
Evacuation alert water level	<b>6.50 m</b>
River flooding warning water level	<b>4.10 m</b>
Flood fighting corps standby water level	<b>3.00 m</b>

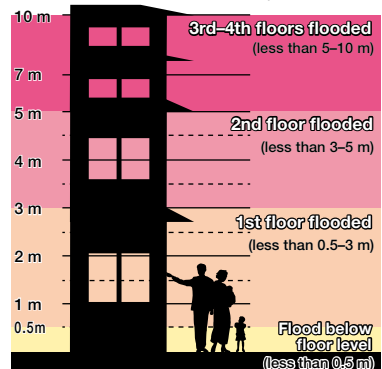


Expected inundation area map of Arakawa River flooding (maximum expected scale)

Assumed rainfall for specification: 632 mm of total amount of rainfall within 72 hours in the Arakawa River basin  
Specified date: May 30, 2016  
Created by: MLIT Arakawa Upstream River Office  
MLIT Arakawa Downstream River Office  
**URL** <http://www.ktr.mlit.go.jp/arajo>  
<http://www.ktr.mlit.go.jp/arajo>

### Expected inundation depth in the event of flooding

Correlation of inundation depth and houses



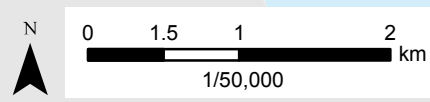
Floodplain where buildings are expected to collapse (overflowing)

In this area, wooden buildings may collapse due to rapid flow of water

**Legend**

- Fire department
- Police department
- Underpass
- Water gauging station
- Local meteorological station

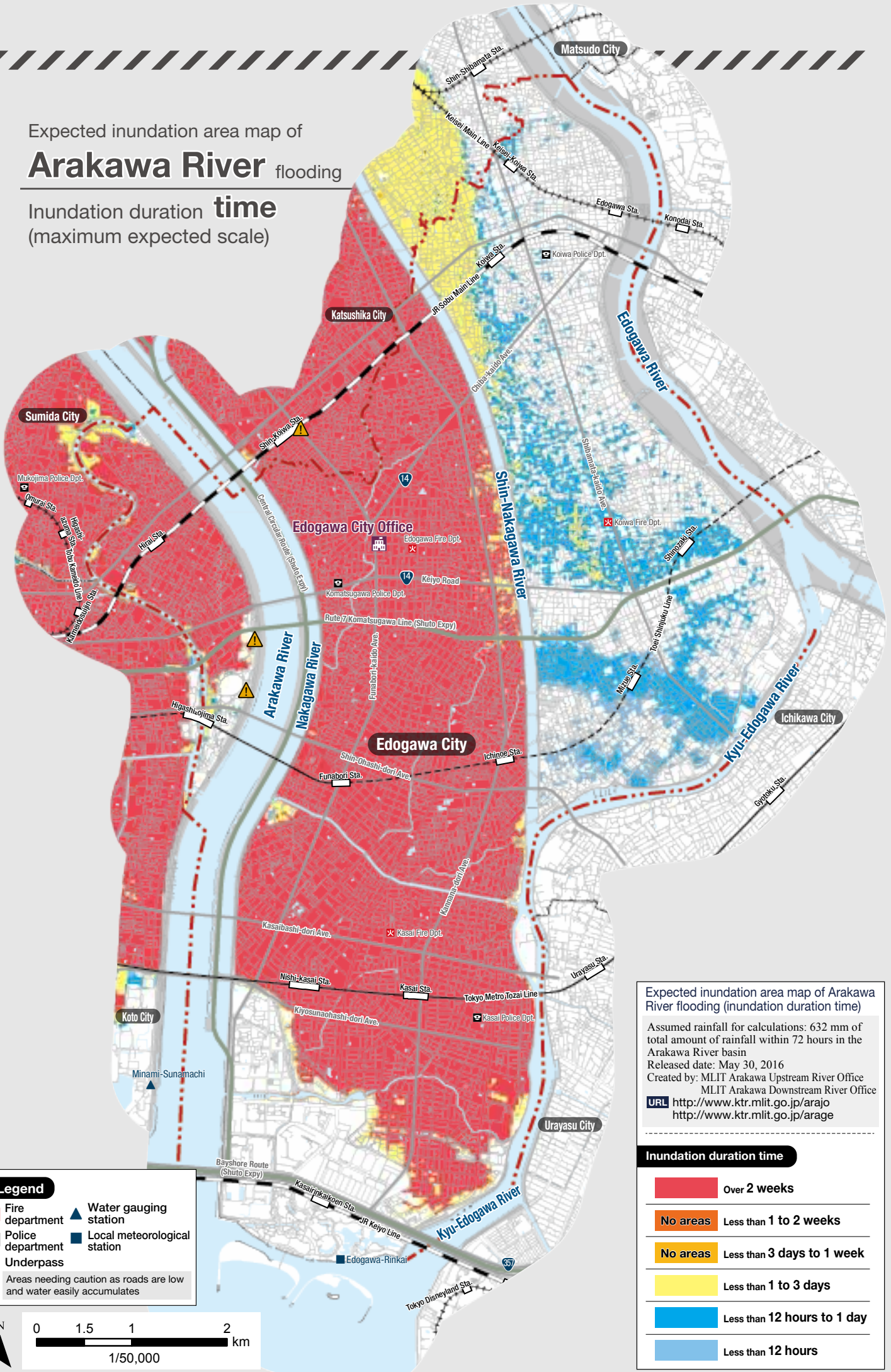
Areas needing caution as roads are low and water easily accumulates





Expected inundation area map of  
**Arakawa River** flooding

Inundation duration **time**  
 (maximum expected scale)



**Legend**

- Fire department
- Police department
- Underpass
- Water gauging station
- Local meteorological station

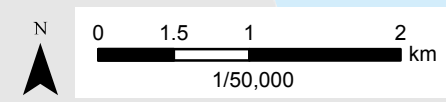
Areas needing caution as roads are low and water easily accumulates

Expected inundation area map of Arakawa River flooding (inundation duration time)

Assumed rainfall for calculations: 632 mm of total amount of rainfall within 72 hours in the Arakawa River basin  
 Released date: May 30, 2016  
 Created by: MLIT Arakawa Upstream River Office  
 MLIT Arakawa Downstream River Office  
 URL <http://www.ktr.mlit.go.jp/arajo>  
<http://www.ktr.mlit.go.jp/arage>

**Inundation duration time**

- Over 2 weeks
- No areas Less than 1 to 2 weeks
- No areas Less than 3 days to 1 week
- Less than 1 to 3 days
- Less than 12 hours to 1 day
- Less than 12 hours



# Expected inundation area map of Edogawa River flooding

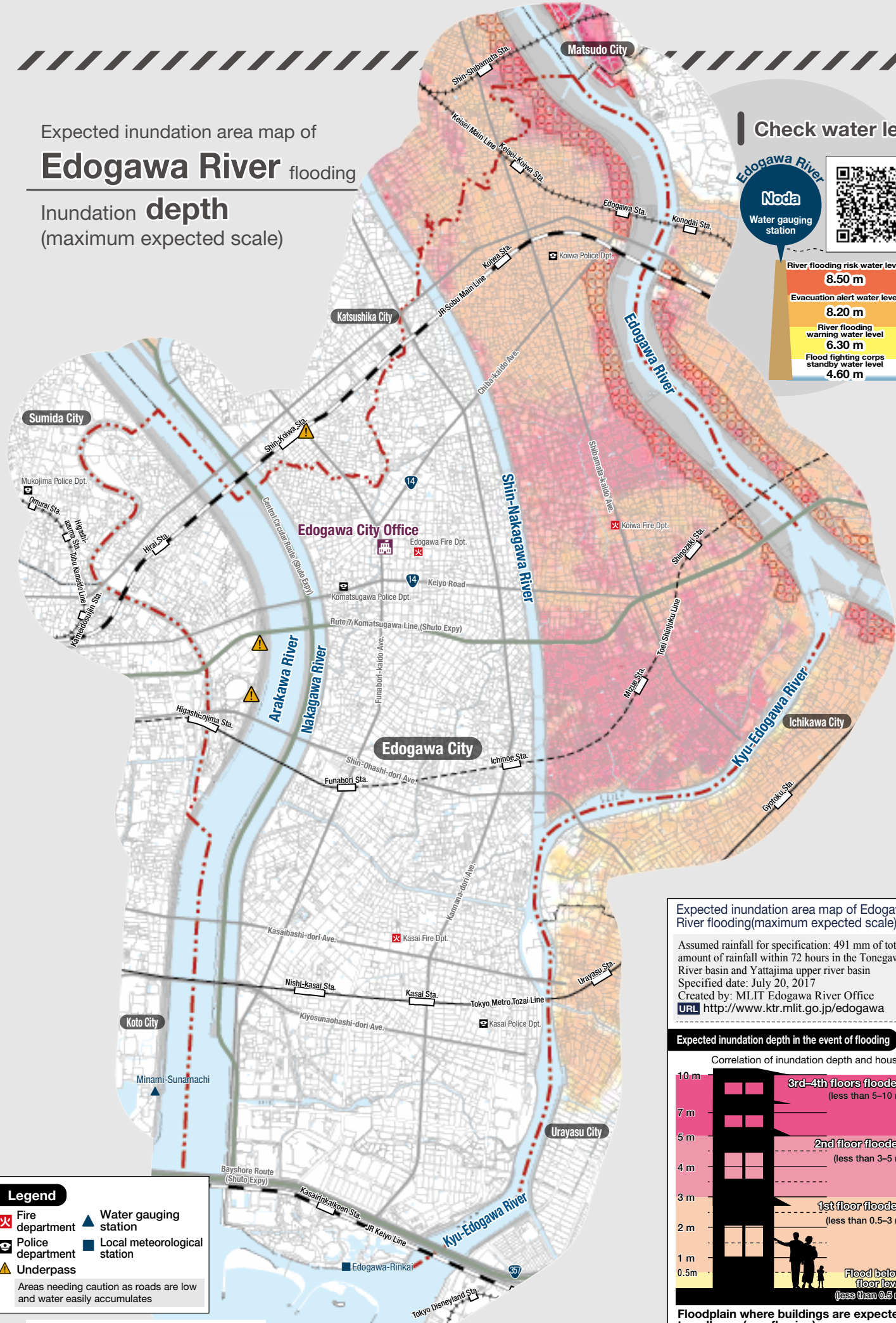
Inundation **depth**  
(maximum expected scale)

Check water level

**Edogawa River**  
**Noda**  
Water gauging station



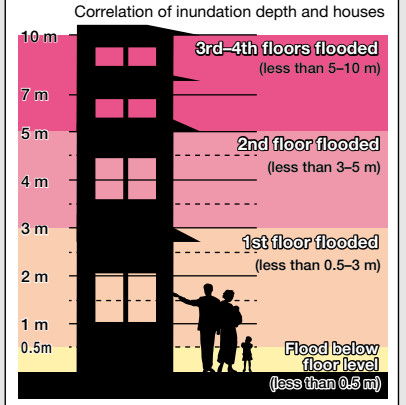
River flooding risk water level	8.50 m
Evacuation alert water level	8.20 m
River flooding warning water level	6.30 m
Flood fighting corps standby water level	4.60 m



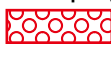
## Expected inundation area map of Edogawa River flooding (maximum expected scale)

Assumed rainfall for specification: 491 mm of total amount of rainfall within 72 hours in the Tonegawa River basin and Yattajima upper river basin  
Specified date: July 20, 2017  
Created by: MLIT Edogawa River Office  
URL: <http://www.ktr.mlit.go.jp/edogawa>

## Expected inundation depth in the event of flooding



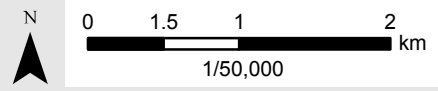
**Floodplain where buildings are expected to collapse (overflowing)**  
In this area, wooden buildings may collapse due to rapid flow of water



**Legend**

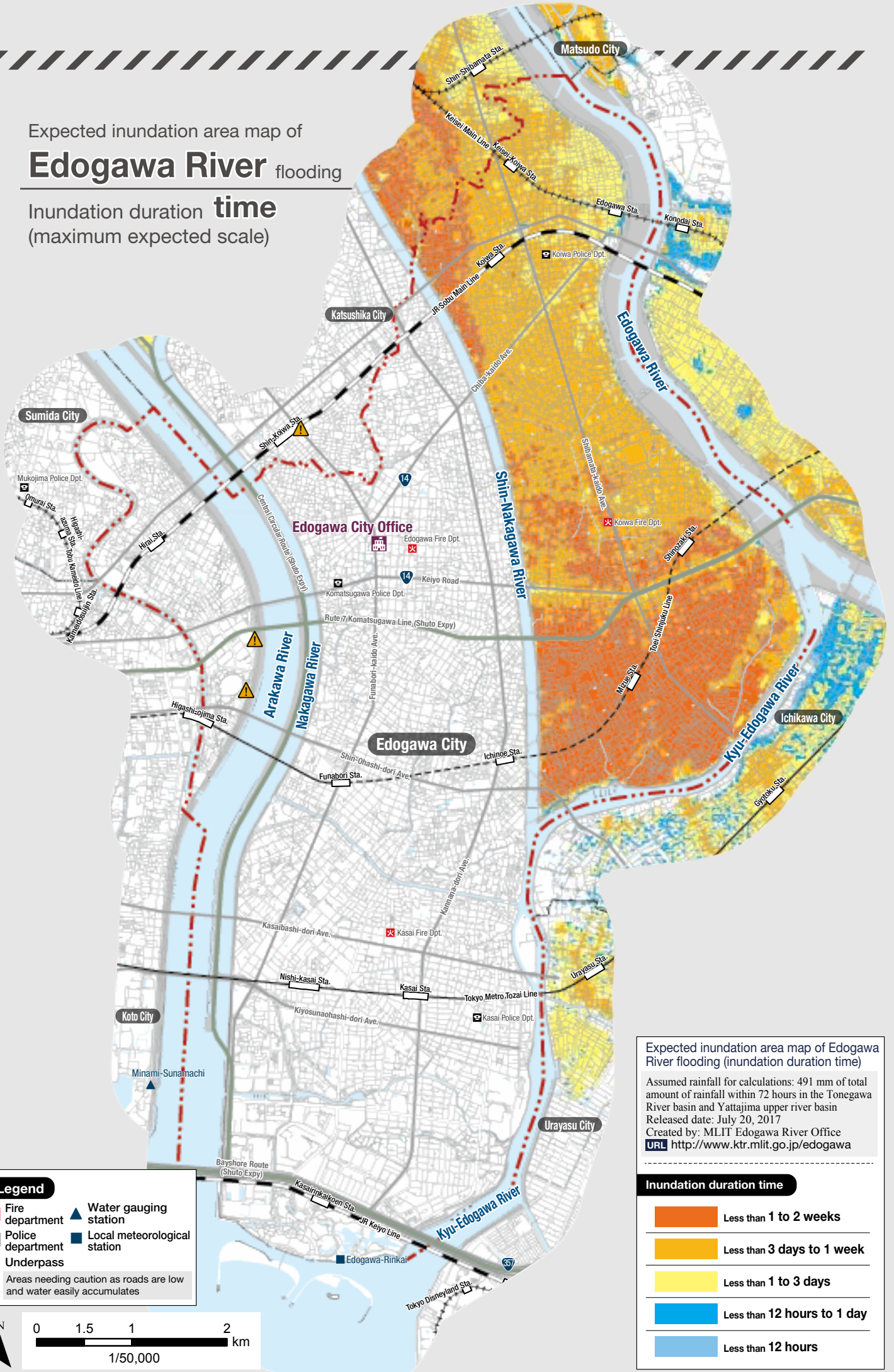
- Fire department
- Police department
- Underpass
- Water gauging station
- Local meteorological station

Areas needing caution as roads are low and water easily accumulates



Expected inundation area map of  
**Edogawa River** flooding

Inundation duration **time**  
 (maximum expected scale)



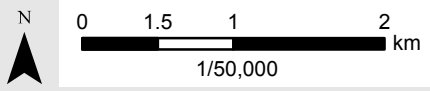
Expected inundation area map of Edogawa River flooding (inundation duration time)  
 Assumed rainfall for calculations: 491 mm of total amount of rainfall within 72 hours in the Tonegawa River basin and Yattajima upper river basin  
 Released date: July 20, 2017  
 Created by: MLIT Edogawa River Office  
 URL <http://www.ktr.mlit.go.jp/edogawa>

Inundation duration time	
	Less than 1 to 2 weeks
	Less than 3 days to 1 week
	Less than 1 to 3 days
	Less than 12 hours to 1 day
	Less than 12 hours

**Legend**

- Fire department
- Police department
- Underpass
- Water gauging station
- Local meteorological station

Areas needing caution as roads are low and water easily accumulates



Expected inundation area map of Edogawa River flooding

Expected inundation area map of  
**Tonegawa River** flooding

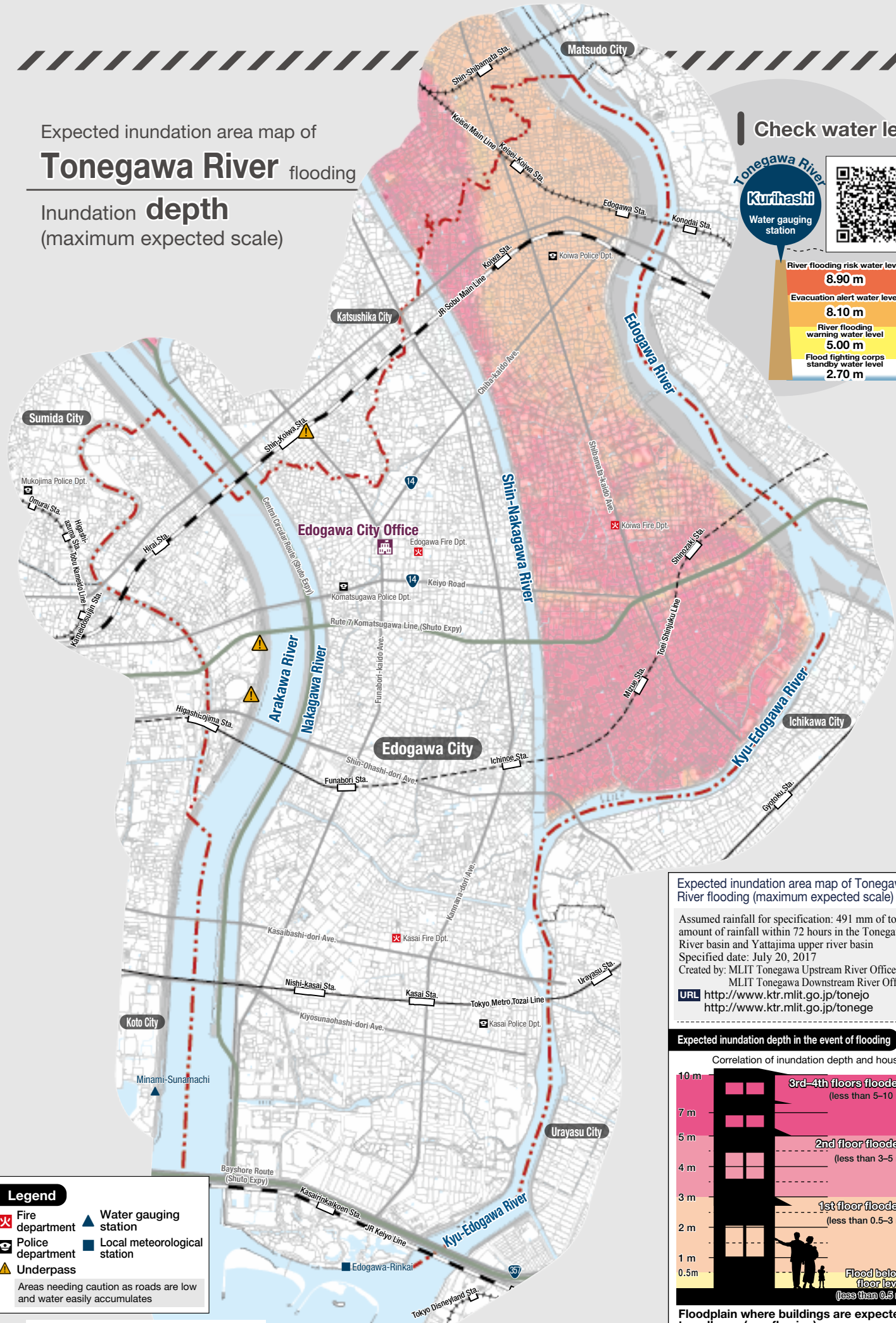
Inundation **depth**  
 (maximum expected scale)

Check water level

**Tonegawa River**  
**Kurihashi**  
 Water gauging station



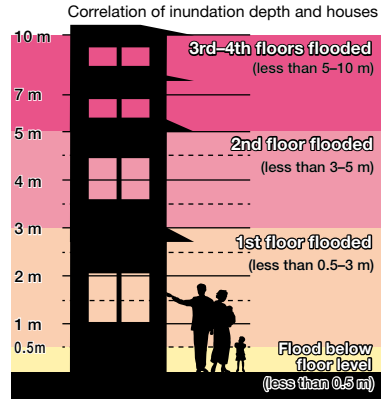
River flooding risk water level	<b>8.90 m</b>
Evacuation alert water level	<b>8.10 m</b>
River flooding warning water level	<b>5.00 m</b>
Flood fighting corps standby water level	<b>2.70 m</b>




Expected inundation area map of Tonegawa River flooding (maximum expected scale)

Assumed rainfall for specification: 491 mm of total amount of rainfall within 72 hours in the Tonegawa River basin and Yattajima upper river basin  
 Specified date: July 20, 2017  
 Created by: MLIT Tonegawa Upstream River Office  
 MLIT Tonegawa Downstream River Office  
**URL** <http://www.ktr.mlit.go.jp/tonejo>  
<http://www.ktr.mlit.go.jp/tonejo>

Expected inundation depth in the event of flooding

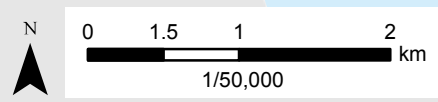


**Floodplain where buildings are expected to collapse (overflowing)**  
 In this area, wooden buildings may collapse due to rapid flow of water

**Legend**

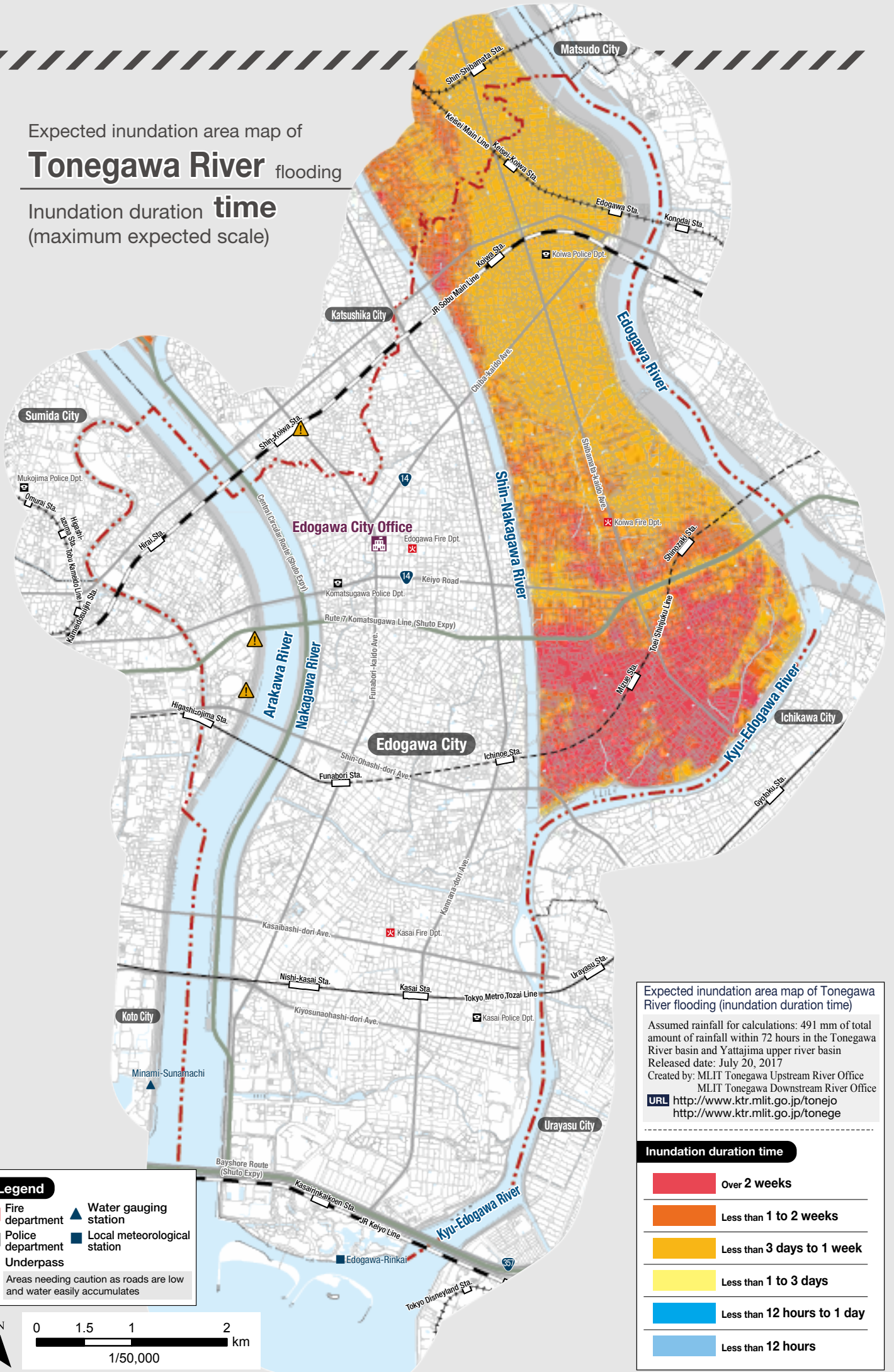
- Fire department
- Police department
- Underpass
- Water gauging station
- Local meteorological station

Areas needing caution as roads are low and water easily accumulates



# Expected inundation area map of Tonegawa River flooding

Inundation duration **time**  
(maximum expected scale)



Expected inundation area map of Tonegawa River flooding (inundation duration time)

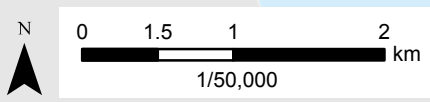
Assumed rainfall for calculations: 491 mm of total amount of rainfall within 72 hours in the Tonegawa River basin and Yattajima upper river basin  
Released date: July 20, 2017  
Created by: MLIT Tonegawa Upstream River Office  
MLIT Tonegawa Downstream River Office  
**URL** <http://www.ktr.mlit.go.jp/tonejo>  
<http://www.ktr.mlit.go.jp/tonege>

### Inundation duration time

- Over 2 weeks
- Less than 1 to 2 weeks
- Less than 3 days to 1 week
- Less than 1 to 3 days
- Less than 12 hours to 1 day
- Less than 12 hours

**Legend**

- ✖ Fire department
- ▲ Water gauging station
- ☎ Police department
- Local meteorological station
- ⚠ Underpass
- ▲ Areas needing caution as roads are low and water easily accumulates



Expected inundation area map of Tonegawa River flooding

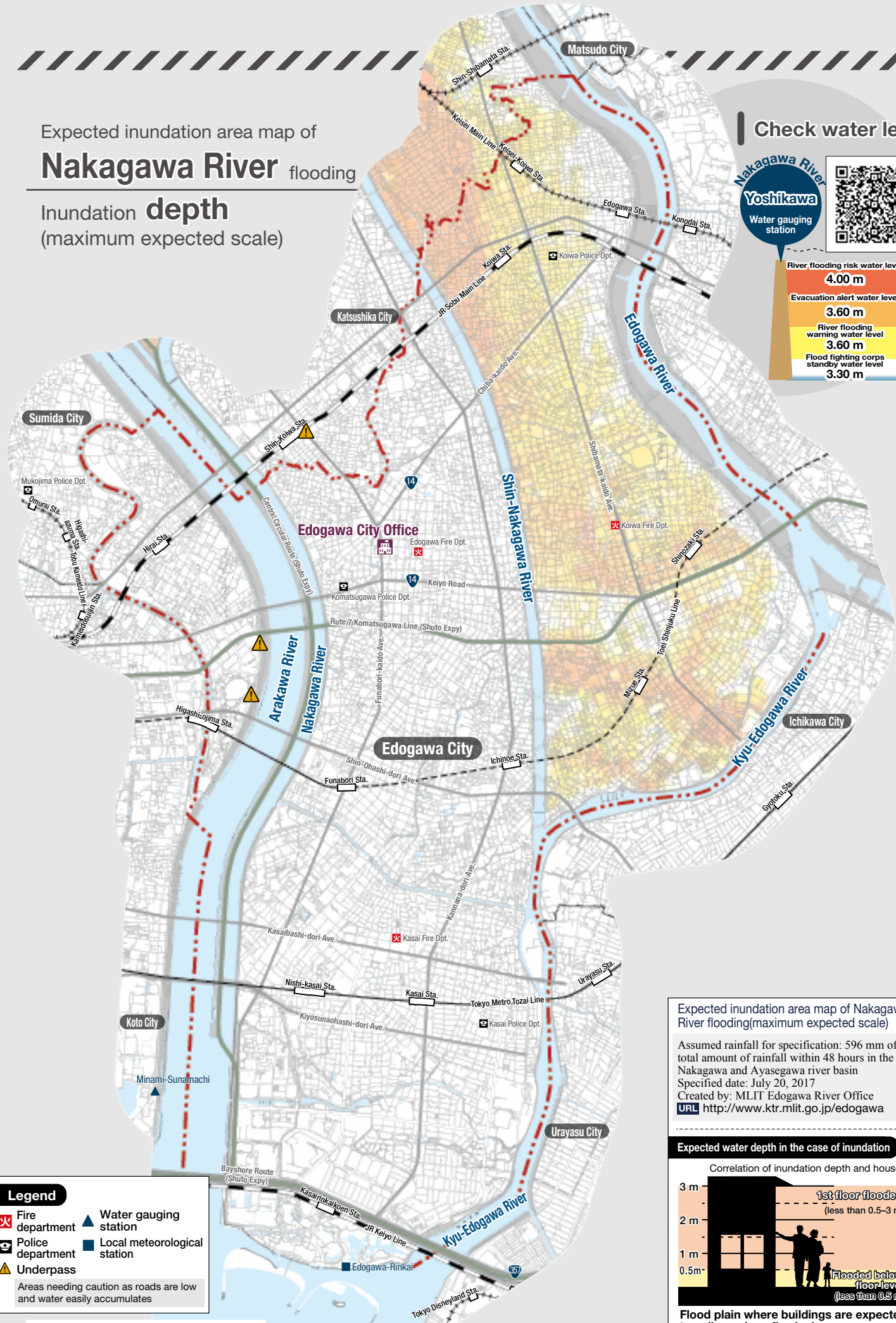
# Expected inundation area map of Nakagawa River flooding

Inundation **depth**  
(maximum expected scale)

Check water level



River flooding risk water level	4.00 m
Evacuation alert water level	3.60 m
River flooding warning water level	3.60 m
Flood fighting corps standby water level	3.30 m



**Legend**

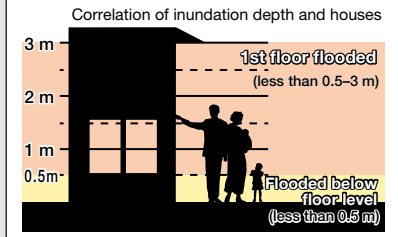
- Fire department
- Police department
- Underpass
- Water gauging station
- Local meteorological station

Areas needing caution as roads are low and water easily accumulates

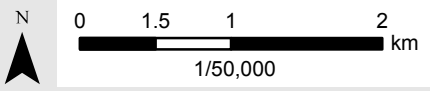
## Expected inundation area map of Nakagawa River flooding(maximum expected scale)

Assumed rainfall for specification: 596 mm of total amount of rainfall within 48 hours in the Nakagawa and Ayasegawa river basin  
Specified date: July 20, 2017  
Created by: MLIT Edogawa River Office  
**URL** <http://www.ktr.mlit.go.jp/edogawa>

## Expected water depth in the case of inundation

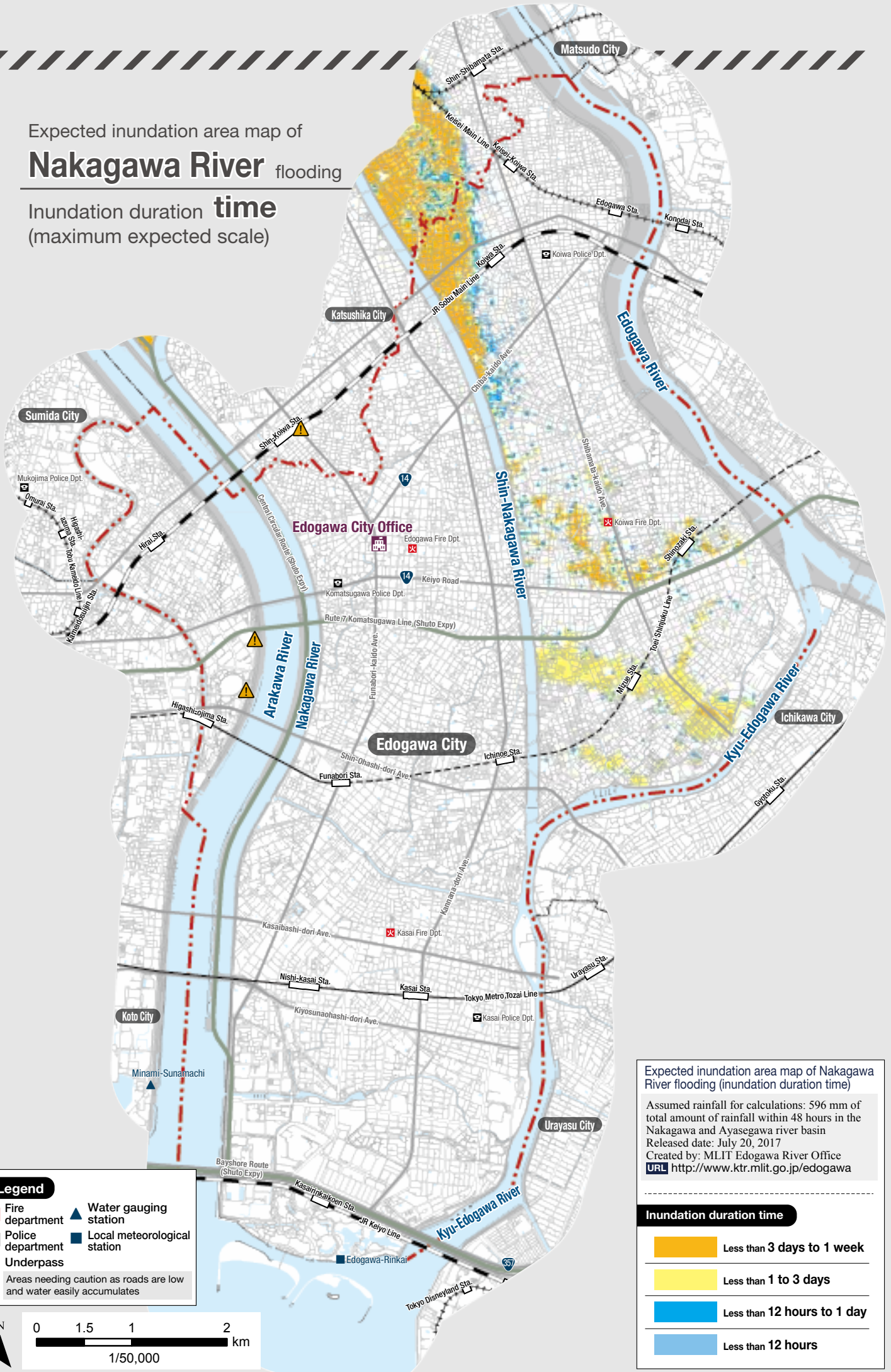


**Flood plain where buildings are expected to collapse (overflowing)**  
In this area, wooden buildings may collapse due to rapid flow of water



# Expected inundation area map of Nakagawa River flooding

Inundation duration **time**  
(maximum expected scale)



**Legend**

- Fire department
- Police department
- Underpass
- Water gauging station
- Local meteorological station

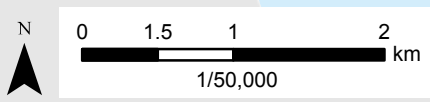
Areas needing caution as roads are low and water easily accumulates

Expected inundation area map of Nakagawa River flooding (inundation duration time)

Assumed rainfall for calculations: 596 mm of total amount of rainfall within 48 hours in the Nakagawa and Ayasegawa river basin  
Released date: July 20, 2017  
Created by: MLIT Edogawa River Office  
[URL http://www.ktr.mlit.go.jp/edogawa](http://www.ktr.mlit.go.jp/edogawa)

**Inundation duration time**

- Less than 3 days to 1 week
- Less than 1 to 3 days
- Less than 12 hours to 1 day
- Less than 12 hours



Expected inundation area map of Nakagawa River flooding

# Estimated inundation area map of Inland Flooding

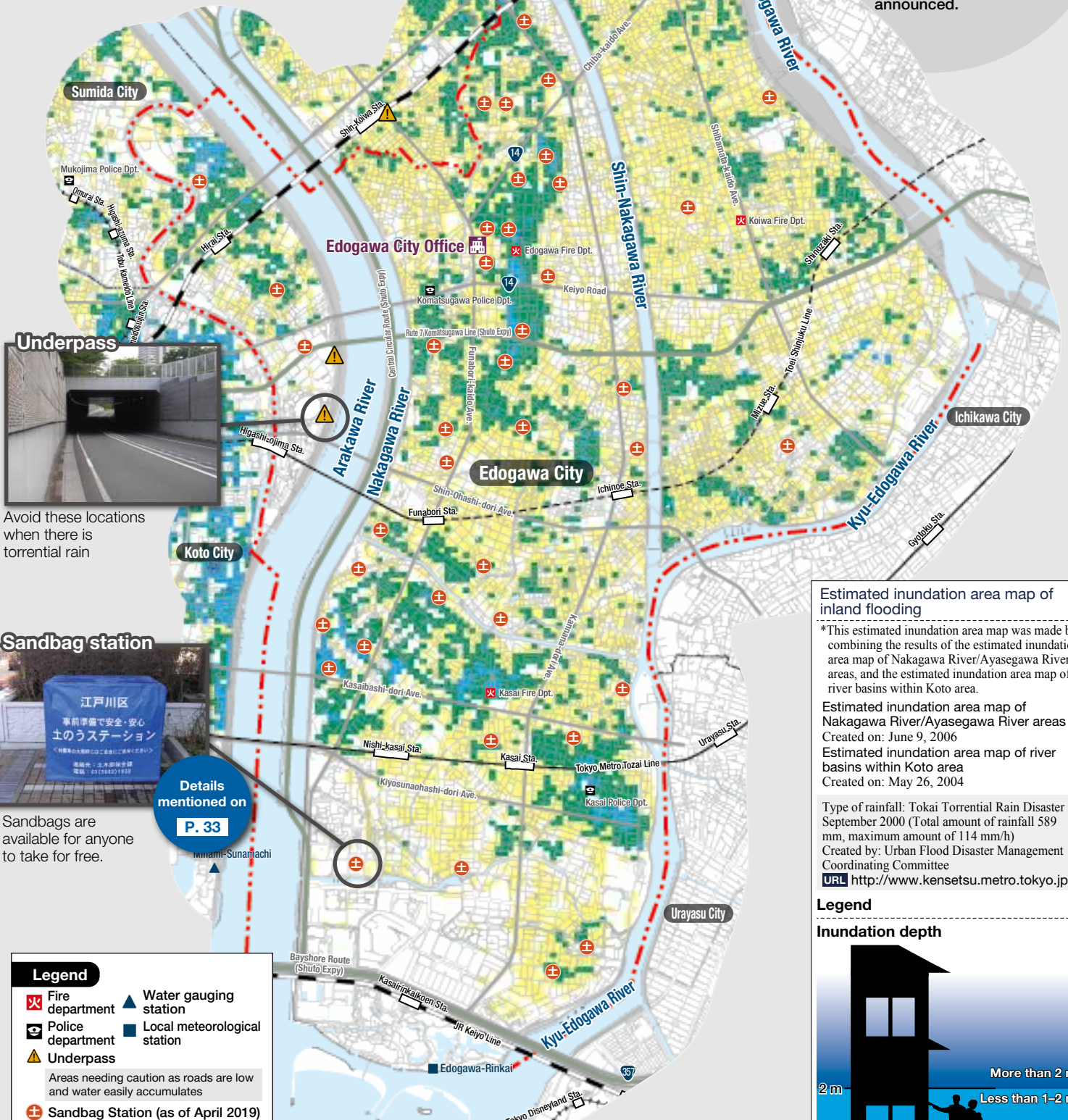
## Inundation depth

Check risk levels of an hour ahead

Hazard distribution of torrential rain warning (flood damage)



Check where risk levels are increasing in the city when a torrential rain warning (flood damage) has been announced.



Avoid these locations when there is torrential rain



Sandbags are available for anyone to take for free.

Details mentioned on P. 33

### Estimated inundation area map of inland flooding

\*This estimated inundation area map was made by combining the results of the estimated inundation area map of Nakagawa River/Ayasegawa River areas, and the estimated inundation area map of river basins within Koto area.

Estimated inundation area map of Nakagawa River/Ayasegawa River areas  
Created on: June 9, 2006

Estimated inundation area map of river basins within Koto area  
Created on: May 26, 2004

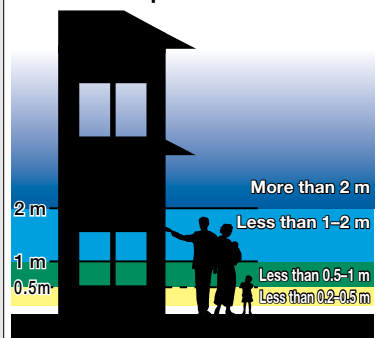
Type of rainfall: Tokai Torrential Rain Disaster in September 2000 (Total amount of rainfall 589 mm, maximum amount of 114 mm/h)

Created by: Urban Flood Disaster Management Coordinating Committee

URL <http://www.kensetsu.metro.tokyo.jp>

### Legend

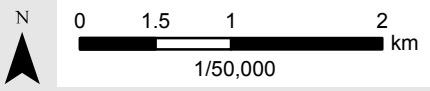
#### Inundation depth



**Legend**

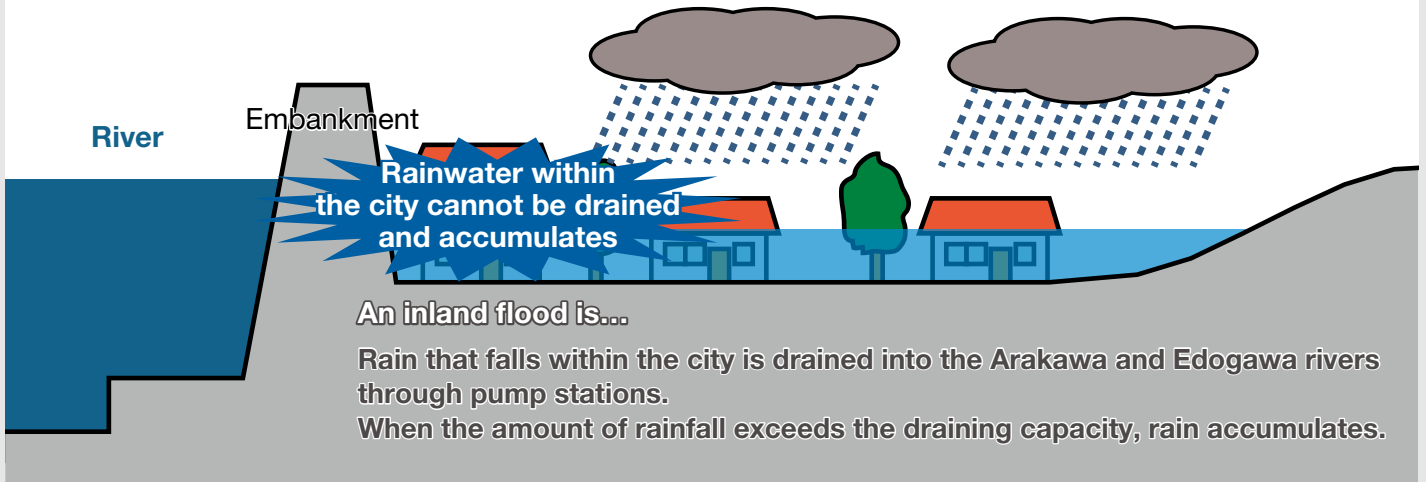
- Fire department
- Police department
- Underpass
- Water gauging station
- Local meteorological station
- Sandbag Station (as of April 2019)

Areas needing caution as roads are low and water easily accumulates





## There is a risk of inundation when there is rainfall that exceeds the draining capacity of the city



### Going outside when there is torrential rain or inundation is dangerous

When there is a high risk of inundation, do not go out and remain indoors.



### Make sure you are in safe conditions

Doors may not be able to open due to water pressure. Keep the doors in basements or rooms in low areas open.



### Do not go near rivers under any circumstances

There are many accidents with people who go near rivers when there is torrential rain. Even if you become worried about the constant rainfall, do not go near rivers.



### Reduce inundation of the house and damages to the household goods

Prepare for prevention of flooding in the house should you be forced to remain at home. Household goods that become submerged in water will instantaneously become trash; therefore the city becomes filled with flood trash after the disaster passes. Try to reduce the impact of household goods damage as much as possible.

Details are mentioned on  
**P. 33**

## Caution when you must walk in the water

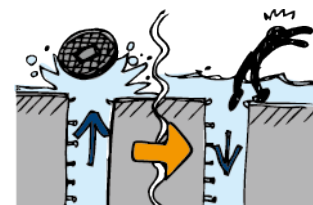
Long boots and bare feet are dangerous. Wear sneakers that can be tightly worn.



Use long sticks to support yourself and pay attention to obstacles in the water.



Utility holes are dangerous when walking in deep waters, as you may get sucked in without noticing.




## Prevent flooding in the house

### Flood prevention with sandbags



#### 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/bosaianzen/bosai/jijo/n\\_donoustation.html](https://www.city.edogawa.tokyo.jp/e065/bosaianzen/bosai/jijo/n_donoustation.html)



■ Regular household materials can be used to devise simple inundation prevention structures.

This is effective for staircases when inundation depth is shallow. Apart from entrances and exits, prevention of below floor level inundation is also important.

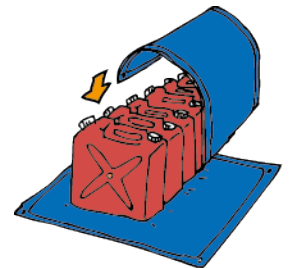
#### Simple inundation prevention using trash bags

Prepare double-layered, 40-L trash bag, fill it half way up with water and tightly close it. Place them in a cardboard box and put several boxes together.



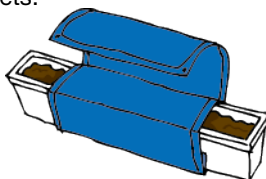
#### Plastic containers and groundsheets

Fill up 10-L or 20-L plastic containers with water, place them side by side and wrap them up with groundsheets.



#### Planters and groundsheets

Use planters that are filled with dirt by wrapping them with groundsheets.



#### 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 card, passport, as well as memorable albums and portable household electronics to high positions 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.



**Decide your flood hazard evacuation point in advance.  
Also plan evacuation routes.**

Plan and decide  
the long-distance  
evacuation point  
and routes

Decide how to take  
action when at work  
or school

Confirm with  
the map

Fill in  
"Your Personal  
Long-distance  
Evacuation Plan"



## Emergency contacts

Fill in contacts of families and neighbors

Name Contact

Name Contact

Name Contact

Name Contact

Name Contact

## Long-distance evacuation point

Confirm and fill in long-distance evacuation points such as houses of relatives/friends or accommodation facilities/workplaces that are located outside the city

Name Contact

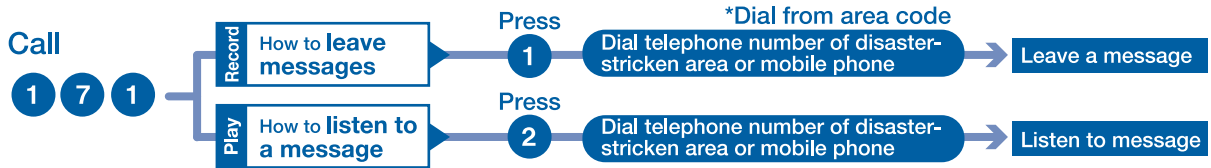
Address

Name Contact

Address

## Disaster Emergency Message Dial: 171

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



## Emergency contact and Disaster information contact

### Police department

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

### 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

### Fire department

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

- 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

Contact regarding this flood disaster hazard map

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

Issued by Edogawa City  
Planning/Editing by the Disaster Prevention and Risk Management Section, Risk Management Office of Edogawa City  
Supervised by Toshitaka Katada, Project Professor of the University of Tokyo, Graduate School of Interdisciplinary Information Studies

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本書に掲載した地図の一部は、「国土数値情報(河川データ、緊急輸送道路、鉄道、市町村役場、警察署、消防署)国土交通省」を使用した。

The information in this hazard map is based on public data as of December 2018.

Issued in May 2019