Koto City Storm Surge Hazard Map

Disaster evacuation map for when a storm surge occurs in Tokyo Bay (maximum anticipated scale)

Flood depth

Information on evacuation

In Koto City, embankments and floodgates were built to prepare against storm surges, even of the Typhoon Vera (Isewan Typhoon) class. However, if a storm surge of the maximum scale that can be anticipated occurs, flooding is expected even in Koto City.

Emergency Safety Measures A state in which a disaster is already occurring.Take the best action to guard your life.	Alert Level 5
〈Be sure to evacuate by Alert Level 4!〉	
Evacuation Instruction Evacuate to a place of refuge immediately. If you think it is difficult to head towards an evacuation site, evacuate to a safe location nearby, or to a safer place within your home.	Alert Level 4
Evacuation of the Elderly, Etc. People who require time to evacuate (elderly, disabled persons.infants and small children, etc.) and their helpers should start evacuating.Others should prepare to evacuate.	Alert Level 3
Heavy Rain,flood,Storm Surge Advisories (Japan Meteorological Agency) In preparation for evacuation, verify your own evacuation actions such as on a hazard map, etc.	Alert Level 2
Early warning information (Japan Meteorological Agency) Be on increased alert for disasters.	Alert Level 1

*When you hear "Equivalent to Alert Level 5 / Equivalent to Alert Level 4 / Equivalent to Alert Level 3" , etc.information that contains the word "equivalent" is not information that is communicated by Koto City. Rather, it is information communicated by the national government, mass media, etc., based on water level and warning information.Even if the wording is "Equivalent to Alert Level ○," it does not necessarily mean that the ward will issue evacuation orders. Information on rain and tide levels will be comprehensively assessed and issued.

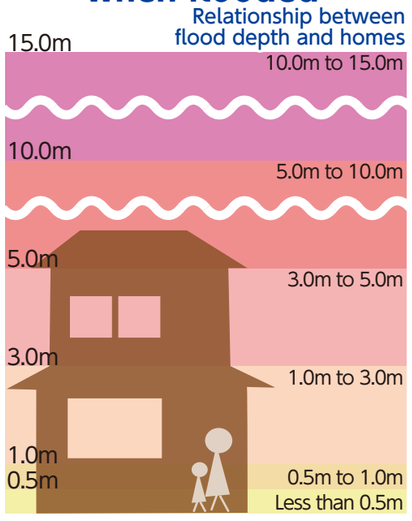
*For details, see Pages 11 and 12 of the Koto City Flooding Storm Surge Booklet.

Koto City Disaster prevention Information (This is a Japanese language homepage.)

Save this map

Anticipated water depths when flooded

Relationship between flood depth and homes



*The colors used here give consideration to people who have difficulty with color vision.
*A version with different colors is available on the Koto City homepage.

Legend (storm surge)

- Camera location
- Water level observation station
- Major public facilities

Tokyo Storm Surge Disaster Prevention Information System (This is a Japanese language homepage.)

■Places of refuge

- Voluntary evacuation facilities
- Base evacuation shelter
- At high ground
- Areas that do not flood
- Areas with a park or plaza

■Areas that will be especially dangerous during flood damage

- Underpasses

Underpasses are lower than their surroundings, and require caution as it is easy for water to accumulate here

● What are Voluntary Evacuation Facilities?
It refers to facilities that accept residents who wish to voluntarily evacuate in case of water damage due to typhoons and other disasters, when there is a concern about flooding in homes. Cultural centers and sports centers are the main facilities used for this purpose.

●What are Base Evacuation Shelters?
These are facilities established by the city to accommodate evacuees whose homes have become uninhabitable due to disasters such as earthquakes or floods. Public elementary and middle schools within the city are the primary facilities used for this purpose.

Consider evacuating early to save your life!
Wide-area evacuation
When strong low-pressure systems like typhoons strike, waves and sea levels rise, causing storm surges. Consider evacuating in advance to the homes of relatives or friends in areas that are not prone to flooding.

Emergency measures to save lives
Vertical evacuation
Your own building / Nearest places of refuge (facility indicated by a ●▲ on the map)
Evacuate to a location higher than the anticipated water depth

Try measuring the approximate distance and time

1000m

It takes roughly 15 minutes to walk 1000m.
It takes roughly 15 minutes to walk 1000m. However, more time may be required if there is a traffic jam, or depending on your physical strength. Measure the approximate distance,know how much time is required, and keep in mind to evacuate with plenty of time.

Koto City tourist mascot "Kotomi-chan"

Tokyo metropolitan area Map of flood prone areas in a storm surge

[Maximum anticipated scale] (Flood depth)

Created by: Tokyo Metropolitan Government (Bureau of Port and Harbor, Bureau of Construction)
Date created: March, 2024
Typhoon scale targeted for observation
Central atmospheric pressure: 910hPa (Muroto Typhoon class)
Moving speed: 73km/h (Isewan Typhoon class)

In Koto City, three types of hazard maps (flood, inland water, and storm surge) and the "Koto City Flooding Storm Surge Booklet" are currently available. This booklet contains information on evacuation during water-related disasters, the history of flood control measures in Koto City, and the mechanisms of flood and storm surge inundation.
In addition, the information on these hazard maps is also available in audio format in the "Koto City audio version Water Disaster Hazard Map," Please refer to this as well.

●Flood hazard maps (floods, inland waters, storm surges)
●Flooding Storm Surge Booklet
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Koto City audio version Water Disaster Hazard Map (This is a Japanese language homepage.)

1 : 25,000
0 0.25 0.5 1 1.5 2 km

Koto City Storm Surge Hazard Map

Flooding Time

Save this map

Inundation caused by storm surge, anticipated conditions for draining water

- In the Tokyo Bay area, cases in which waves flood the embankments along rivers and coast, and in which embankments collapse are anticipated to occur due to storm surge flooding of the maximum anticipated scale in association with a typhoon.
- It is anticipated that water that has accumulated in the city area due to storm surge flooding will be drained to rivers and canals through natural drainage and drainage facilities (drainage pump stations,pumping stations, etc.).
- If drainage facilities flood or if fuel reserves run out, it is anticipated that drainage will no longer be possible.
- For details, visit the Tokyo Metropolitan Government's website on Map of Areas with Risk of Flooding due to Storm Surge.

Tokyo Metropolitan Government's website on Map of Areas with Risk of Flooding due to Storm Surge
(This is a Japanese language homepage.)

Legend for flooding duration

- Area with more than one week of flooding
- Area with 3 days to 1 week of flooding
- Area with 1 to 3 days of flooding
- Area with 12 hours to 1 day of flooding
- Area with less than 12 hours of flooding

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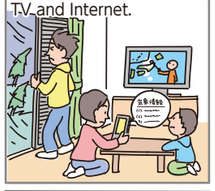
What to keep in mind when evacuating

Gather information
Pay attention to the latest information on the radio, TV and Internet.



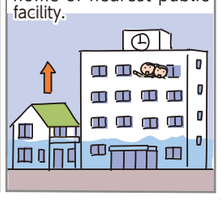
Pay attention to calls for evacuation

Wear clothes that you can easily move around in

Evacuate calmly

Pay attention to the ground!
Because of flooding, it is difficult to identify dangers on the ground.Evacuate by paying attention to the ground.

In the event that you are late to evacuate
Evacuate to a location higher than the anticipated water depth in your home or nearest public facility.



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