







Koto City

# Storm Surge Hazard Map

# Flooding Time

## 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)

Save this map

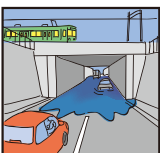
## Legend for flooding duration

- 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

\*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
- Places of refuge
  - Voluntary evacuation facilities
  - Base evacuation shelter
- 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 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**
- Evacuate calmly**
- Wear clothes that you can easily move around in**
- 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.

- 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.

Date revised: March 2025 Print matter registration number (6) No. 68  
Publisher: Koto City Public Works Section, River and Parks Division, TEL: 03 (3647) 2538  
General Affairs Department Risk Management Office Disaster Prevention Section, TEL: 03 (3647) 9587  
\*Disaster Prevention Planning Division from April 2025

## 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.



## Tokyo metropolitan area Map of flood prone areas in a storm surge [Maximum anticipated scale] (Flooding duration)

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 (This is a Japanese language homepage)



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