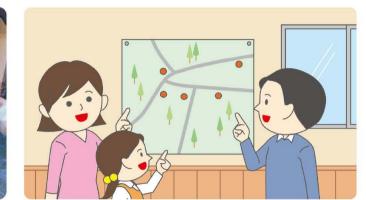
# Matsudo City Water Hazard Map Keep to with other disaster-readiness maps so that you can refer to it in the event of an emergency.

What Is the Water Hazard Map?





tions and take action against heavy rainfall, such as localized torrential rains that exceed the capacity of the sewerage system (storm sewers). Please use this map to check whether or not your residence, etc., are at risk of flooding, to confirm evacuation sites, etc., and to take steps in your daily life

The Water Hazard Map was made to enable residents to make daily prepara-

#### Inquiries



Anticipated

inland flooding

to prepare against flood damage due to heavy rainfall.

April 2025 edition

**Sewer Maintenance Division** Land Development Department, Matsudo City Annex 3rd floor, Nemoto 387-5, Matsudo City, Chiba Prefecture Tel 047-366-7361 Fax 047-363-6779

3.0 m or more

Flooding

Depths

Legend

1.0 m to less than 3.0 m

0.5 m to less than 1.0 m

0.3 m to less than 0.5 m

Less than 0.3 m

Note: Information on flood depths according to rain strength can also be viewed on the Matsudo City website.

#### 1. What Is Inland Flooding?

Flooding (River flooding)

**Inland Flooding** 

River

become clogged with trash and other materials and fail to

drain, so roadways become covered with water.

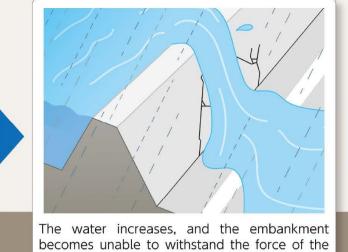
When the water rises all the way to the top of Due to heavy rainfall the water in rivers increasthe embankment, the pressure of the water es, and the river starts to swell. starts to act upon the embankment.

Rain that falls in areas such as towns is drained into rivers through sewer systems such as storm water pipes.

Rainwater collects on low-lying sections of roads under

expressway and railway overpasses and the like, and they

become covered with water.



water and part of it begins to collapse. For more information about flooding, please view the Flood Hazard Map via the QR cod

River



Water passes through the collapsed area and flows out with great force, carrying off houses and other things.





#### tion in keeping the areas around nearby roadways clean is requested.



**Checking the Inland Hazard Map** Use the inland hazard map to check the status of anticipated flooding and evacuation shelters near your residence in advance. Confirm an evacuation route that avoids locations of deep flooding and hazardous locations. Managers of facilities for people requiring special consideration during emergencies should also check

the inland hazard map beforehand to see how disaster prevention

information is transmitted and where and how to evacuate.

**Checking Weather Information** 

Obtain weather information about heavy rainfall, and at times when heavy rainfall is foreseen, such as when cold winds begin to blow, pay attention to weather

forecasts via television, radio, and other sources, and

When roadside drains, etc. become clogged by

trash and fallen leaves, rainwater cannot drain,

and flooding sometimes occurs. Your coopera-

**Cleaning Side Ditches** 

take notice of changes in the weather.

#### Obtaining Information Concerning Disaster Readiness

2. Taking Precautions Against Inland Flooding

For the most up-to-date information regarding disaster readiness, check the Matsudo City official website and other such sites.



https://www.city.matsudo.chiba.jp/

https://x.com/matsudo\_city

Matsudo City official X account

Matsudo City official LINE account



Matsudo City Safety and Security Email

Disaster-readiness information is distributed by email, so please be

https://service.sugumail.com/matsudo/

Chiba Disaster Readiness Email

https://chibapref3.bosai.info/bosaimail/

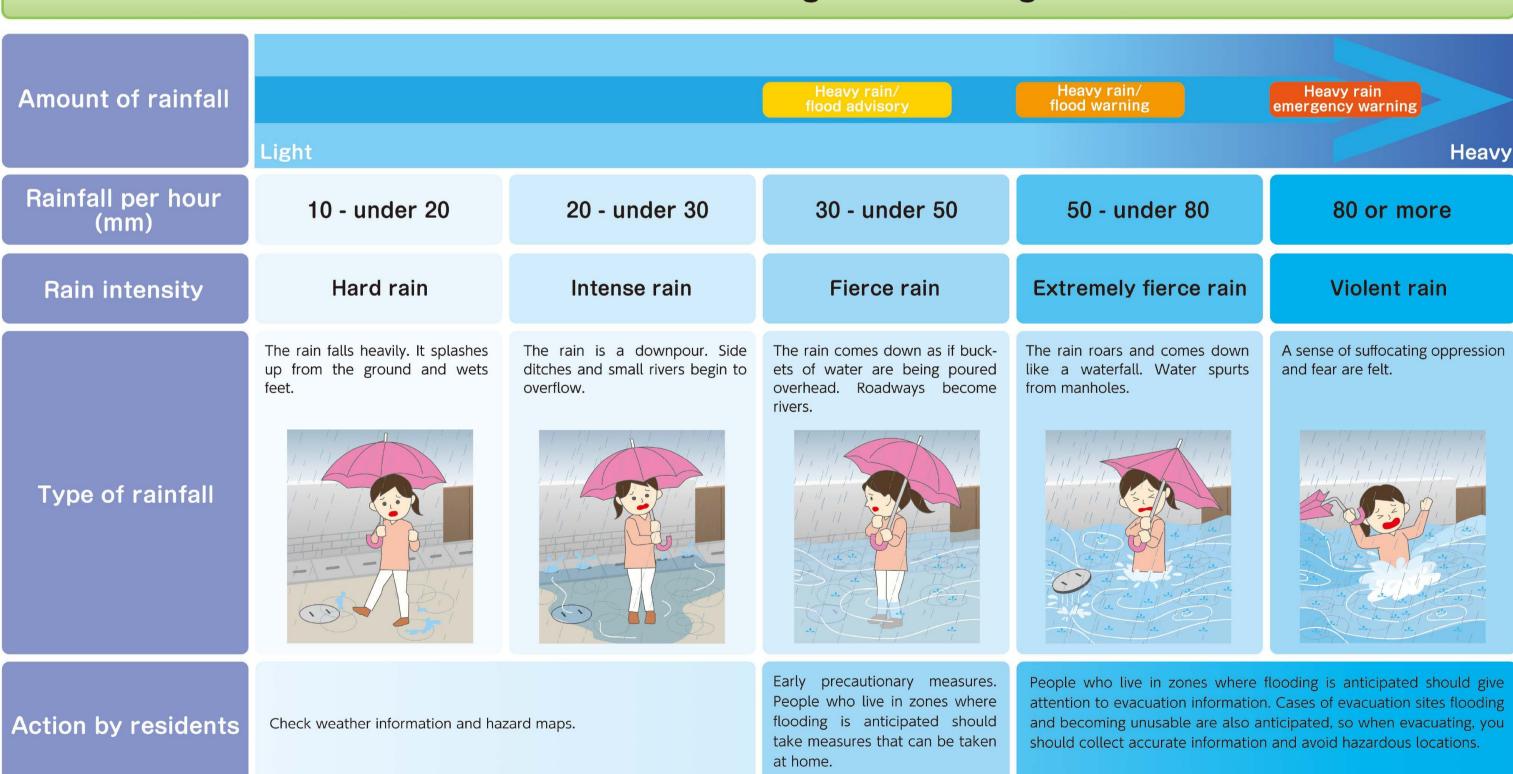
Information is also distributed by the Administrative Radio System for Disaster Use (Disaster Radio), and when you want to check the broadcast content, please call

Automated Voice Response for

Note: Regular daily broadcasts at 2:00 pm and in the evening are not supported

Inderground is Hazardous

#### 3. Information Concerning Inland Flooding



#### 4. Disaster Readiness and Evacuation for Inland Flooding

#### **Measures That Can Be Taken at Home**

When heavy rain falls and the river water level rises, drainage becomes difficult, and the sewer system such as

Flooding (river flooding) is when, due to heavy rainfall, the river water level rise and overflow embankments,

Inland flooding is when the amount of rain exceeds the capacity of a sewer system or other such drainage

facility, and rainwater cannot drain when the river water levels of other such drainage destinations is high and

water overflows from manholes, side ditches, etc., causing flooding. The overflowing water accumulates in

and the earth and sand in the embankment are washed out, causing the embankment to collapse.



#### Long Planks and Sandbags

Inflow of water into the house can be prevented by making sandbags and using them in combination with long planks,

#### Water-filled Bags and Cardboard Boxes

underpasses and other low-lying places, and caution is needed.



and arrange them in a line.

# lanters or Poly Tanks and Picnic Sheets

Place Plastic bags filled with water in cardboard boxes Arrange planters or poly tanks in a line and wrap them in picnic sheets.

#### **Hazardous Locations**

#### **Areas Near Waterways**



Many waterways lack guard rails or other fencing. During flooding, low-lying places such as underground approached.

#### **Underpasses**



During flooding, there is risk of being inadvertently roadways and underground walkways present risk of swept away because the location of a waterway becoming submerged by water flowing in from the cannot be determined, and so they should not be surrounding area, and so they should not be approached.

#### **Evacuation Inside at Home**

### vacuation to the Second Floor or Higher Vertical Evacuation)



Regarding inland flooding, it is expected that flooding will occur in a short period of time. If you feel it is dangerous to go outside due to a sudden torrential rain, instead of unreasonably attempting to evacuate to the outside, you should relocate to a high-up location, on the second floor or higher, and wait for the rain to abate.

#### Underground locations are hazardous, and so they should not be approached. When evacuating from underground to above ground, stairs cannot be climbed when struggling

## against inflowing water, and you should leave ahead of time.

#### **Evacuation When Outside**

#### lithout Overstraining, Get to a Safe Building in the Area



When the floodwater depth is 50 cm or higher, hazards might be experienced when evacuating. Without making an unreasonable attempt, you should evacuate to a safe building in vehicles and flood-control efforts, so it should be avoided.

#### Be Careful Around Manholes and Side Ditches



to stay in groups of two or more persons, and when moving, be careful around manholes and side ditches.

#### Avoid Evacuating by Automobile



#### ooperate with the Evacuation of the Elderly, Etc.



When evacuating, wear clothes that are easy to move in, try

For the elderly, children, the sick or injured, and other persons who require consideration, early evacuation is necessary. Persons around them should help with their evacuation.