so that you can refer to it in the event of an emergency.



What Is the Water Hazard Map?





The Landside Water Hazard Map has been prepared to enable residents to make daily preparations and take action against heavy rainfall, such as localized torrential rains that exceed the capacity of the sewerage system (storm sewers).

Please use flood this map to check whether your residence, etc., are at risk of flooding, to confirm evacuation sites, etc., and to take steps in your daily life to prepare against flood damage due to heavy rainfall.

Inquiries



Sewer Maintenance Division Construction 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

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

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

March 2019 Edition

Anticipated

inland flooding

1. What Is Inland Flooding?

Flooding (Foreland)



Due to heavy rainfall the water in rivers increases, and the river starts to swell.

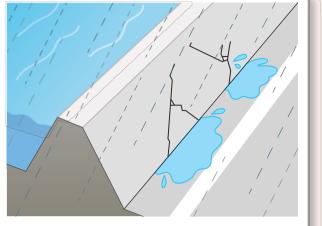
River

become clogged with trash and other materials and fail to

drain, so roadways become covered with water.

Rain that falls in areas such as towns passes through a sewerage system (storm sewers) and the like and is

Inland Flooding



When the water rises all the way to the top of the embankment, the pressure of the water starts to act upon the embankment.

Rainwater collects on low-lying sections of roads under

expressway and railway overpasses and the like, and they

become covered with water.

The water increases, and the embankment becomes unable to withstand the force of the water and part of it begins to collapse.



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

Cleaning Side Ditches

take notice of changes in the weather.

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 and the like become clogged by trash and fallen leaves, rainwater cannot drain, and flooding sometimes occurs. Your cooperation 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 near your residence. Then check the marks for evacuation sites near your residence, and confirm an evacuation route that avoids locations of deep flooding and hazardous locations.

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.

Matsudo City official website https://www.city.matsudo.chiba.jp/

Matsudo City official Twitter account

https://twitter.com/matsudo_city

Matsudo City official Facebook account
https://www.facebook.com/matsudocity/

Matsudo City Safety and Security Email https://service.sugumail.com/matsudo/

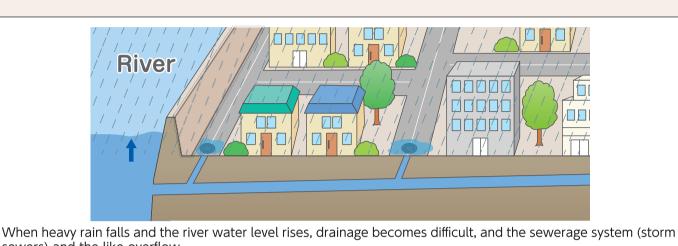
Chiba Disaster Readiness Email http://chibapref3.bosai.info/chiba/mobile/bosaimail.cgi

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

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

the Administrative Radio System for Disaster Use

(Free Dial) 0800-800-9366 Note: Regular daily broadcasts at 2:00 pm and in the evening are not supported.



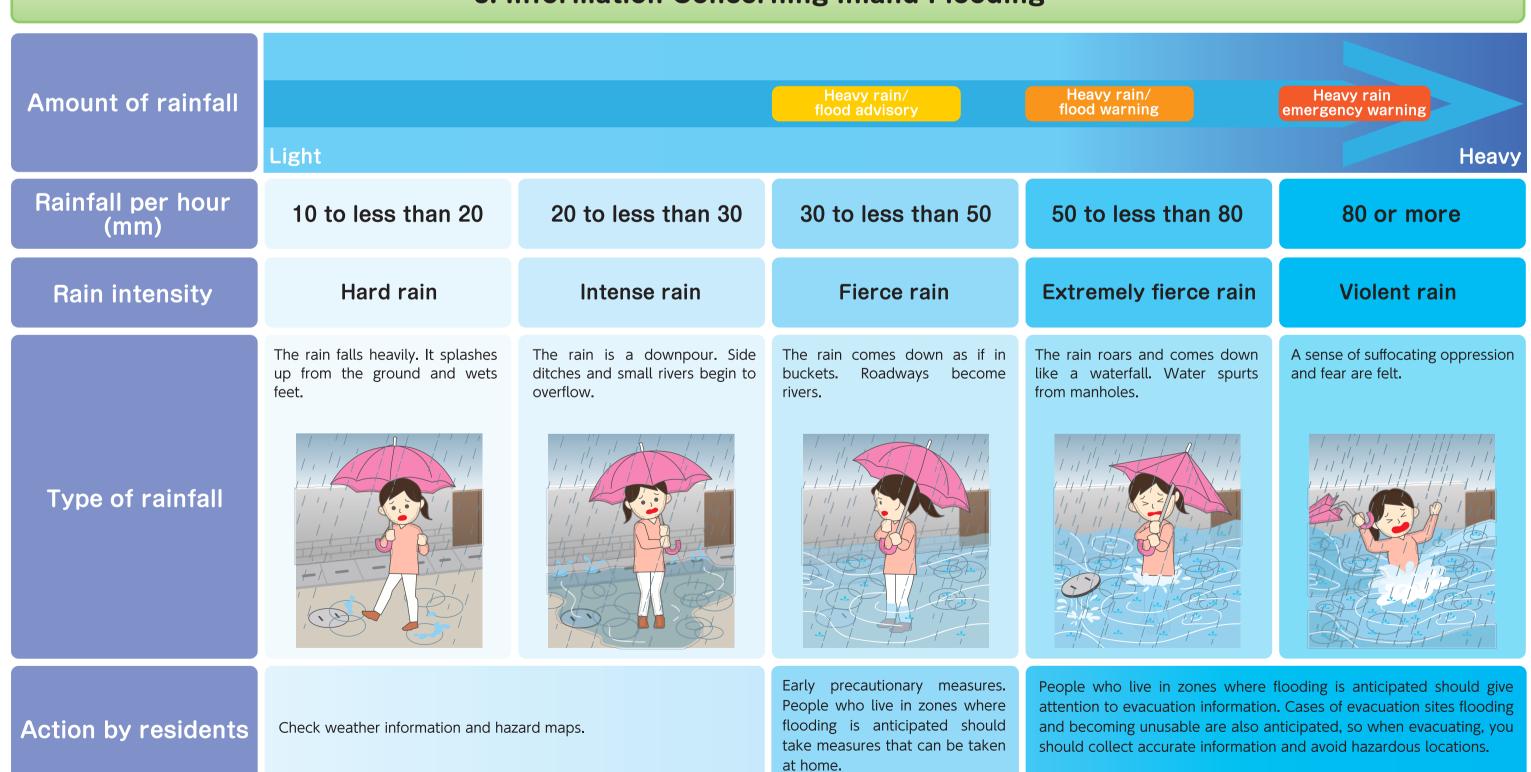
Flooding (foreland) is when, due to heavy rainfall, the water level of rivers rises and overflows embankments,

Inland flooding is when the amount of rain exceeds the capacity of a sewer system or other such drainage facility, and when rainwater cannot drain when the water level of rivers of other such drainage destinations is high and water overflows from manholes, side ditches, etc., causing flooding. The overflowing water collects in underpasses and other low-lying places, and caution is needed.

For a "Flooding Hazard Map," visit the link below. http://www.sonicweb-asp.jp/matsudo/map?theme=th_14

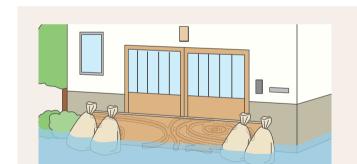
and when the earth in an embankment flows out and the embankment collapses.

3. Information Concerning Inland Flooding



4. Disaster Readiness and Evacuation for Inland Flooding

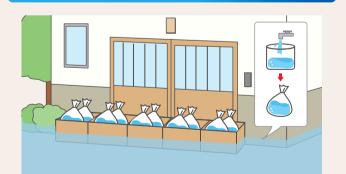
Measures That Can Be Taken at Home



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



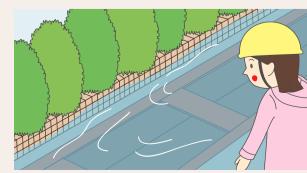
Planters or Poly Tanks and Picnic Sheets

and arrange them in a line. in picnic sheets.

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

Hazardous Locations

Areas Near Waterways



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

Underpasses



approached.

Evacuation Inside at Home

Evacuation to the Second Floor or Higher



When sudden torrential rain stars to fall, instead of unreasonably attempting to evacuate to outside, you should relocate to a high-up location, on the second floor or higher, and rain

Inderground is Hazardous



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 earlier.

Evacuation When Outside

ithout 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 unrea-

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



Evacuating by automobile can sometimes impede emergency sonable attempt, you should evacuate to a safe building in vehicles and flood-control efforts, and so should be avoided.

poperate 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.