FUEFUKI CITY

Flood & Sediment Disaster

HAZARD MAP

Available on Fuefuki City Official Website Fuefuki City Hazard Map Search





This hazard map constitutes an updated version of the Fuefuki City Hazard Map prepared by the Fuefuki Municipal Government in March 2011. This version incorporates assumed flooding results obtained by the national and prefectural government and the latest associated knowledge based on the large-scale flood damage that has arisen across Japan in recent years.

Hazard Map, contact:

For inquiries on the Fuefuki City Fuefuki Municipal Government, General Affairs Dept., Disaster Prevention and Crisis Management Div. TEL: 055-262-4111

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Regarding This Hazard Map

For the purpose of explaining to and educating people on the status of flooding during a flood in an easy-to-understand manner, the Fuefuki Municipal Government prepares hazard maps based on the "Assumed Flooding Areas Based on the Premise of Maximum Assumed Rainfall" publicly released by the national government and the Yamanashi Prefectural Government in 2017.

This hazard map shows assumed flooding points, areas with a risk of sediment disasters, evacuation sites and other locations in situations where rivers in Fuefuki City rise and overflow due to considerable rainfall. Using this hazard map as a reference, please recognize the disaster situation assumed to occur in the location of your home, school, work and so forth, and verify where evacuation routes, sites and other such locations are. Additionally, please cooperate in efforts to prevent and reduce disasters at your home, school office and other locations in your community.

Regarding Self-Help, Shared Help and Public Help



Have you heard of the trio of terms "self-help," "shared help" and "public help?" In order to keep damage from a disaster to a minimum, it is important that these three forms of help link together to elevate the ability to respond to that disaster.

Protecting yourself by yourself

"Self-help" refers to preparing and taking action for the sake of protecting yourself by yourself. Please outfit yourself with knowledge on disasters using the Fuefuki City Hazard Map and other sources, develop a proper understanding of disasters, think about what you need to prepare in advance, and

Protecting your community with the members of that community

"Shared help" refers to the act of working together with nearby residents in order to prepare and take action for the safe of protecting the community. When a disaster occurs, it is necessary to work together as a community in order to minimize damage and aid any victims. In the direct aftermath of an earthquake, when time is of the essence, the only people who can provide that aid are those around you. To ensure smooth cooperation in the time of a disaster, it is essential to regularly take part in local disaster prevention drills and otherwise ready a network that makes it possible to work together and respond when a disaster occurs.

Please safeguard against disasters by forming voluntary disaster prevention organizations as well as an understanding of the properties of the local area to ready yourself and your community for the

"Public help" refers to disaster countermeasures by the municipal government, the police, the fire department, the prefectural government, national government agencies, lifeline and other public agencies, and other such institutions. All of these agencies are prepared to engage in emergency response activities as soon as a disaster occurs.

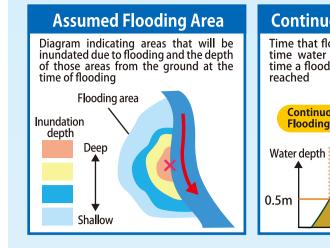
Linkage among self-help, shared help and public help

In terms of your own well-being, you are the one who must protect yourself in the aftermath of a disaster. When the situation at hand is not one that you can respond to you on your own, shared help is what you can depend on. At the same time, you have to be mindful to be a part of that shared help if it is within your While there are limits to the assistance that public help can provide, the institutions behind it are capable of

responding to large issues that cannot be resolved through self-help and shared help. The linkage among these three forms of help are needed in order to keep damage to yourself and the community to a minimum.

Maximum Assumed Rainfall

Until now, countermeasures for river flooding were steeped in rainwater, which serves as the basis for controlling river flooding. However, due to wind and flood damage in recent years, a new basis called "maximum assumed rainfall" was established based on the idea that "major flooding that levees and other facilities cannot fully prevent is bound to happen."



risk of that disaster.

There is a risk that you will be left behind

high building or high-altitude location) or an indoor location.

Safe location nearby

If you have determined based on weather conditions, such

as heavy rain and strong winds, that you may be at greater

risk by changing locations, evacuating to a "safe location

It's a good thing that we managed to evacuate. It sounds like the river overflower

nearby" is another option available to you.

Continuous Flooding Time Time that flooding continues from the time a flood depth of 50cm or lower is

Evacuation According to Maximum Assumed Rainfall

During a flood or sediment disaster, evacuation is generally conducted by "taking refuge" in a location without the

If you reside in an area where flooding is assumed to occur or an area with the risk of a sediment disaster, please

If you are living or staying at a residence in an area where flooding is assumed to occur, lifeline functions such

as water and sewer services, power and gas may be shut off when flooding continues for a prolonged time.

However, should the roads be submerged and/or the rain be coming down hard and you conclude that your life

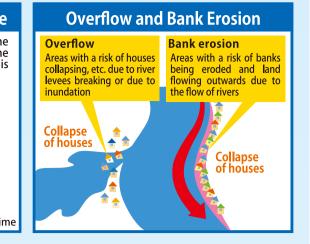
With past disasters, there are people who lost their lives due to being caught in the disaster in the middle of evacuating.

disaster risk present in the region or home where you reside will help you take the correct action when evacuating.

Upon a disaster, you must take action to evacuate based on your own judgment. Having a grasp in advance of the kind of

would be in danger if you change locations, please secure your safety in a safe location nearby (a strong,

evacuate to an evacuation site, etc. designated by Fuefuki City where there is no risk of that disaster.



Securing your safety indoors

The minimum action one can take to protect their life upon

an evacuation is to stay inside the building where they

currently are but relocate to a safer room, the roof, or other

location in order to secure their safety. However, depending

on the disaster at hand, there are cases where doing so will

not guarantee your safety unless certain conditions

(strength, height, etc. of the building) are met.

Precautions When Taking Refuge

Verifying Actions to Take When Evacuating

If you answered "Yes," check the "Flood depth" and "Continuous flooding time." \square Yes \square No

Continuous flooding time:

If you answered "Yes" to any of these, verify evacuation sites in the local area without a risk of flooding or

sediment disaster as well as the evaluation routes to those sites, and be sure to take refuge there early on.

 $lue{}$ My house is located in an "area with a risk of sediment disaster." \Box Yes \Box No

Use the hazard map to check the situation at your home.

My house is located in an "area with a risk of bank erosion."

My house is located in an "area with a risk of overflow."

•Your house is located in an "assumed flooding area."

When evacuating, make sure to call out each other in the neighborhood and nearby area and evacuate in groups as much as possible. Avoid dangerous spots and walk along safe roads, even if it takes more time.

Wear clothing that gives you ease of movement and evacuate in groups



Information when evacuating

Flood depth:

Evacuation site:

When evacuating, call out to elderly individuals and people with disabilities in the neighborhood and nearby area, and cooperate with each other as you





is here!

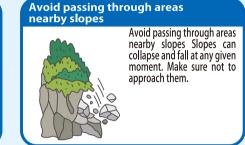
□Yes □No

□Yes □No

Time to relocate to evacuation site:

Even gently-flowing water is dangerous when it reaches knee-height. Refrain from approaching small rivers o other locations where wate



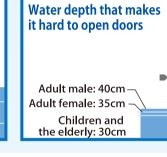


Take actions to evacuate early on!

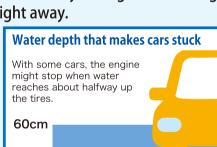
When the water becomes too deep, it becomes difficult to move. If you feel like you might be in danger based on the weather, river water level or other information, evacuate right away.

Assumed Continued Flooding Times in Fuefuki City









Expresswavs

Railways

Information on Evacuation

In cases where a disaster occurs or there is a risk of a disaster occurring, the Fuefuki Municipal Government will announce evacuation information. It is important that you fully understand the content of each of the below and that you take proper action to evacuate when a disaster does occur.

Commencement of evacuatior preparations and evacuation

f elderly individuals, etc. This announcement is a signal to elderly and disabled individuals and persons assisting them to commence

evacuation. Persons who will take time to evacuate should start doing so at this time. Make preparations so that you can evacuate at any time. If you feel like you are in danger, start

Evacuation advisory

This announcement is a signal to all commence evacuation Begin evacuating.

persons in the applicable area to Persons in underground spaces are advised to quickly evacuate to a safe

(emergency)

Evacuation order

When this order is announced, a disaster may already be taking place. If you have yet to evacuate, do so If it is dangerous for you to evacuate.

take action to protect yourself at

Obtaining Information on Disaster Prevention

The Fuefuki Municipal Government, the Yamanashi Prefectural Government and the national government all release a variety of information on disaster prevention. Please safeguard against the occurrence of a disaster by taking advantage of these convenient tools that allow you to gather necessary information.

Fuefuki City Official Website http://www.city.fuefuki.yamanashi.jp/

Fuefuki City Disaster Prevention Administration Wireless Email

This email supplements disaster prevention administration wireless broadcasts by providing a means to get information to persons who live in regions where it is difficult to hear those broadcasts, handicapped individuals, people who are outside the city, and so forth. Note that there are cases when the email cannot be delivered due to circumstances.

Disaster Prevention Administration Wireless Listening Service

This service enables you to verify the content of the most recent Disaster Prevention Administration Wireless Broadcasts over the phone. Dialing 0120-218-611 allows you to successively listen to up to three Disaster Prevention Administration Wireless

Broadcast recordings, starting with the most recent one.

Tamanashi Prefecture Disaster Information Email Delivery System

"Weather warnings and advisories" such as those concerning heavy rain, "sediment disaster warning information and "earthquake information" are sent via mobile phone email.

Register by following the below procedures.

I.Send a blank email with no text to the email address for registration at: entry@sabo-mail.pref.yamanashi.jp

2.Access the URL in the reply email sent to you. 3. Select the information and region that you want to see. See the below URL for more details.

●Yamanashi Prefecture Sediment Disaster Warning Information http://www3.pref.yamanashi.jp/dosya/

●Yamanashi Prefecture Rainfall and Water Level Information http://www3.pref.yamanashi.jp/sub/uryou/uryo001.asp

MLIT Disaster Prevention Information Provision Center http://www.mlit.go.jp/saigai/bosaijoho/ •Kofu Office of Rivers and National Highways Website http://www.ktr.mlit.go.jp/koufu/

https://www.pref.yamanashi.jp/mobile/koucho/chumoku/dosya-mail.html

● Japan Meteorological Agency (JMA) http://www.jma.go.jp/ ●MLIT Disaster Information for Rivers https://www.river.go.jp/

•In addition to the above, please also gather information from TV, the radio and other sources.

Useful Information in Making Judgments on Evacuating

The Japan Meteorological Agency (JMA) makes announcements of weather warnings, advisories and other information on disaster prevention and the weather in order to mitigate the damage that disasters cause. To assist residents with making judgments on action to take for evacuation, in cases where intense occurrences that tie into disasters are predicted, JMA makes announcements of advisories, warnings and special warnings in accordance with the increase in danger levels.

Weather information provided by JMA

Heavy rain advisories Flood advisories

or flooding

Situations where a

disaster may occur

due to heavy rain

warnings Flood warnings Situations where a major disaster may occur due to heavy rain or flooding

Sediment disaster warning information ointly announced by refectural government and JMA when the danger occurring due to heavy

ations where th danger of a major disast intensified significa

Danger of a disaster

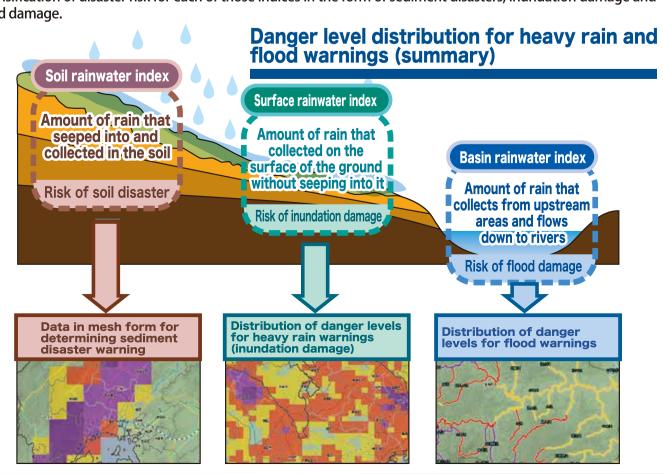
High

Special warnings

Danger level distribution by JMA

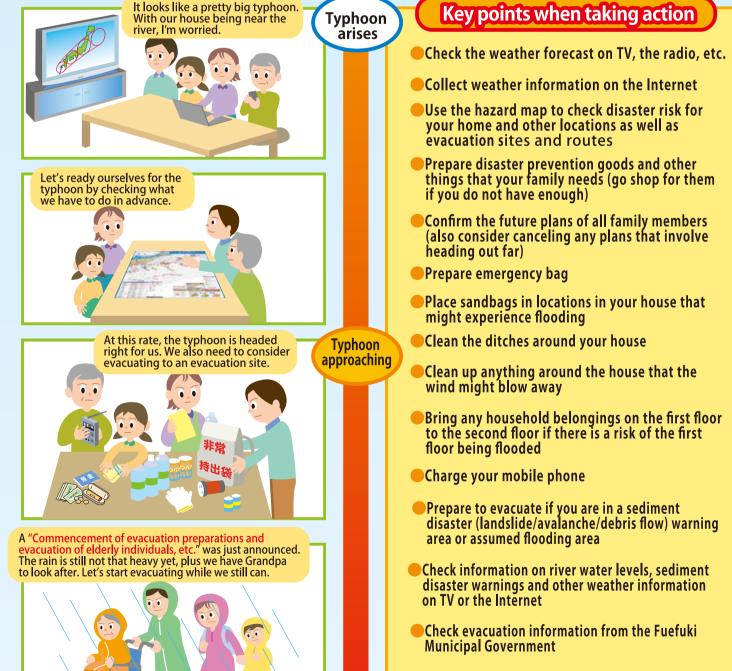
Rain that has fallen seeps in to the ground or flows across its surface to collect at rivers. When rains are heavy, the water seeps into the ground to cause sediment disasters or collects on its surface to create inundation damage, and collects at rivers to cause them to rise and give way to flood damage.

JMA has begun providing "danger level distributions" by converting such behavior of rainwater into illustration form; calculating that behavior as soil rainwater, surface rainwater and basin rainwater indices; and showing the intensification of disaster risk for each of those indices in the form of sediment disasters, inundation damage and flood damage.



How to Ensure Smooth Evacuation

Wind and flood damage from the likes of typhoons and sediment disasters that follow that damage can be projected before they happen. Check the information and actions that you require in order to protect your life from a disaster in advance.



evacuation site

Begin evacuation to evacuation sites, etc. opened by cities with no assumed flooding or sediment Relocate to a safe location inside the building if you are unable to evacuate due to heavy rain or Continue gathering information from the radio or your mobile phone after arriving at the

