Flood Hazard Map





To protect your important "life"

Prepared in March 2021

Disaster prevention memos Write while checking with your family

Expected flood depth of your house during a flood	Family information			
	Full name	Male / female	Full name	Male / female
	Mobile phone		Mobile phone	
Family's meeting place Location	Email address		Email address	
	Workplace / school		Workplace / school	
Nearby evacuation site (1) Location	Full name	Male / female	Full name	Male / female
	Mobile phone		Mobile phone	
	Email address		Email address	
Time required for evacuation	Workplace / school		Workplace / school	
Nearby evacuation site (2) Location	Full name	Male / female	Full name	Male / female
	Mobile phone		Mobile phone	
	Email address		Email address	
Time required for evacuation	Workplace / school		Workplace / school	

My Timeline Prepared on: Items to check at normal times Check the situation at your home Flood depth: Check the hazard map for the dangers to your home. Place to evacuate to Evacuation shelter outside the flooded area If you actually evacuate, think about where you can Homes of relatives or acquaintances outside the flooded area actually live as an evacuee. Sturdy building nearby Places in your home that will not be inundated (2nd floor, etc.) Travel time to **Evacuation site** the evacuation site Transportation to the evacuation site People who will support us when evacuating People we should be concerned about Timing to start evacuation Prepare what you need for your life at the evacuation site Consider "what kind of facility you need to evacuate to" and think about the following to actually evacuate: "where", "with whom", "required time", "by what means", and "what to bring." Check weather warnings etc. on TV, radio, Think about what you need to do to actually evacuate the Internet, etc. Check evacuation shelters and evacuation of the control of th nation session about typhoons (as Other disaster prevention meteorological Summarize the necessary actions such as "If the first floor is flooded, raise things to the second floor", "Prepare necessary items such as medicine". Heavy rain emergency warning

Check the situation of heavy rain and

Reached the criteria for

flood fighting standby

Reached advisory water level

eached the water level a

Alert level 1

Alert level 2

vers on TV, the Internet, mobile mail, et

rt evacuation of vulnerable peop

acuation started \Rightarrow Evacuation completed

nmediately take action to save your life

ming system, mobile email, etc.

---Evacuation should be completed by this point -- -

Think about precautions to evacuate

the building at that time.

The timing of evacuation varies depending on the location and distance to

evacuate. If you are evacuating outside your home, start evacuating before

If evacuation has not been completed, start evacuation immediately.

Inform your family and relatives about your situation

• If evacuating outside is dangerous to your life, ensure your safety in a safe place in

Name Phone number Necessities Whereabouts in the daytime Remarks

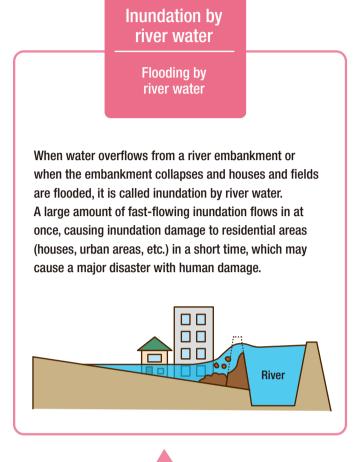
What is a Flood Hazard Map?

The flood hazard map shows the flood range, flood depth, and evacuation sites in each area when the river is flooded or overflows due to heavy rain. The purpose is to prevent and reduce damage to the citizens, and to prepare for emergencies on a regular basis.

First, put down the area where you live, the place of daily life such as your workplace, and check the flood depth and facilities where you can safely evacuate. Also, discuss with your family members about disaster preparedness, evacuation sites, evacuation method, contact method, etc. on a daily basis.

*Other language versions (Japanese and Portuguese) are available on the Chiryu City Flood Hazard Map website.

Types of Flooding



Preparation for Flood Disasters

• Are fallen leaves, earth, or sand blocking rain gutters? Are there

• Items with high risk of flying in all directions such as potted plants

• Are there any cracks in the window glass or is there rattling of the window frames? Also, cover them with boards from outside in

Are there cracks, breaks, or slippage of tiles? Are any galvanized

• Are there any cracks on a mortar wall? Is there any decay or loose

Remove garbage, earth, and sand from gutters to improve drainage

• Are there any cracks or damaged parts on the premises?

When the risk of disasters such as wind and flood increases,

Evacuation actions include the following 4 actions: Identify

the dangerous places for each type of disaster, and check in

Evacuation

Movement to an evacuation site or evacuation shelter

2 Movement to a safe place (house of relatives or friends,

Stay at a safe place inside your house

4 Movement to a safer place (such as a high place) in

3 Movement to nearby tall buildings or robust

your house and staying there

etc.) other than an evacuation site or evacuation shelter

take action (= evacuation action) to protect your life.

advance what actions to take.

Always be well prepared.

defective seams, paint peeling, or decay?

and laundry poles should be moved indoors

iron sheets out-turned or misaligned?

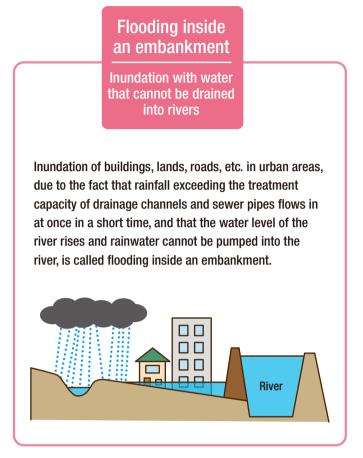
Are propane gas cylinders well secured?

boards on a board wall?

of rainwater.

Is there any rattling or looseness in the shutters?

preparation for flying objects due to strong winds.



In case of emergency

Prepare a flashlight, portable radio, etc. in preparation for a

Prepare things to bring in an emergency, such as valuables.

Pay attention to meteorological information and information

Keep drinking water, etc. in preparation for suspension of

If there is a possibility of inundation, move daily necessities

Vulnerable people such as the elderly, children, and the sick,

Press the "d" button on the TV remote controller to watch

On the way to evacuation if flood depth is near your knees

Evacuation action is generally dangerous when flood depth

exceeds 50 cm. When the flow of water is strong, even 15 cm

When at home if flooding starts

such as foodstuffs, clothing, and bedclothes to higher

blackout.

in preparation for evacuation.

Do not go out unnecessarily.

should evacuate early.

the data broadcast.

Evacuate to

nearby high

Move upstairs or

to a higher place

immediately!

is dangerous.

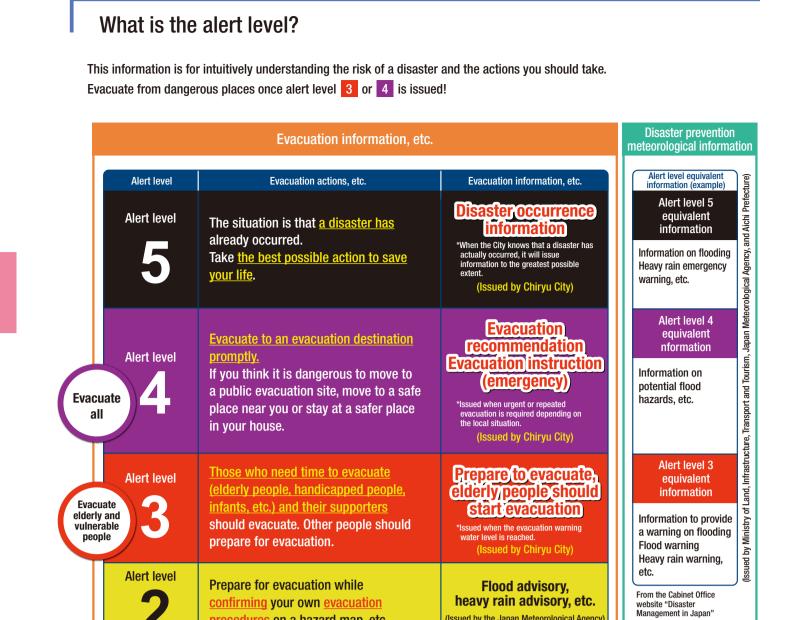
released by the city government.



Wind and flood damage measures inside and outside the house

Notes to be Taken When Floods Occur During heavy rain

Evacuation Information and Disaster Prevention Meteorological Information Using Alert Level



ssued by the Japan Meteorological Ag

Alert level Early warning information Be on higher alert for disasters. *Various information is not always issued in the order of alert levels 1 to 5. The situation can change suddenly. *Due to the revision of the Disaster Countermeasure Basic Act in FY 2021, the "evacuation information, etc." of each alert level will be changed as follows

Alert level 5 "Disaster occurrence information" → "Secure emergency safety" Alert level 4 "Evacuation recommendation, evacuation instruction (emergency)" → "Evacuation instruction" Warning level 3 "Prepare to evacuate, elderly people should start evacuation" → "Evacuation of the elderly, etc."

s on a hazard map, etc.

This is the information that you can use as a reference for taking evacuation actions on your own initiative

Tips for Evacuation

When to evacuate

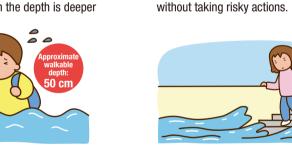
Precautions to be taken when being forced to walk through flooded water

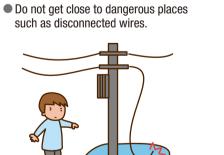
It is very dangerous if the flow is fast,

even in shallow water. Wait for rescue

depth is up to 50 cm for adults. Wait for a rescue when the depth is deeper

The rough indication of walkable











Carry elderly

people, physically

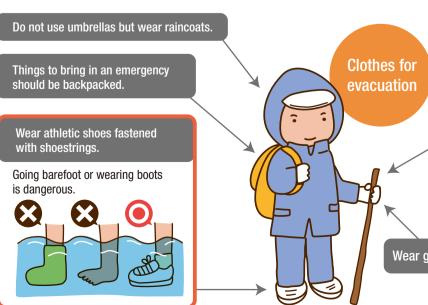
disabled people,

etc. on your back

when evacuating.

In deep flooding you may not notice

manholes and could be sucked in.







When evacuating to an evacuation shelter, bring masks, thermometer disinfectant, etc. in addition to food and water, and take measures agains: infectious diseases such as ensuring social distance.



Nishimachi Aizuma River water level criteria point (Nishimachi Miyaato) Nishimachi Aizuma River water level station as a quide for evacuation recommendations, etc. in Chiryu City

The water level that is used as a guide for issuing evacuation recommendations related to floods is called the water level criteria.

The water level criteria are determined at the point (dangerous point) where inundation damage occurs earliest in the section covered

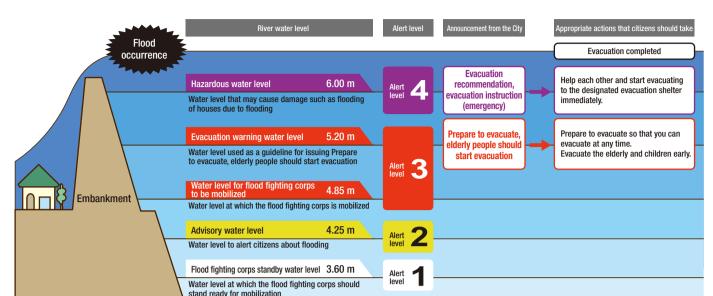
The water level criteria are set in consideration of the time required for evacuation (lead time) so that evacuation can be completed by

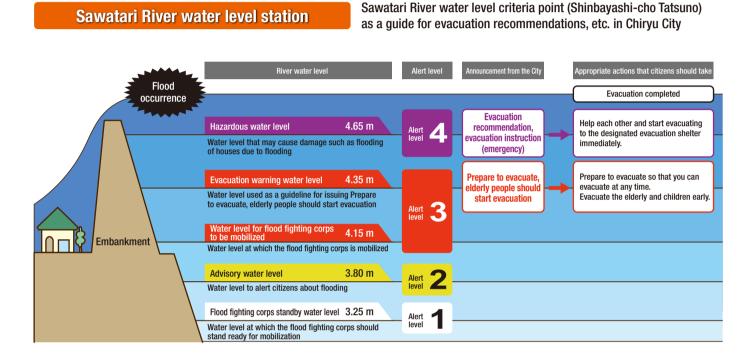
Evacuation Information During Floods

Water level criteria and evacuation recommendations

(Aizuma River, Sawatari River)

the time the river begins to overflow.

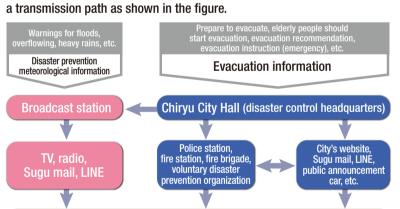


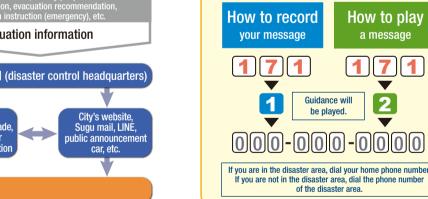


Method for Transmitting Flood Forecasts, Evacuation Recommendations, etc. and Information Gathering



Evacuation recommendations, etc. are transmitted to citizens via







Chiryu City's

warning is issued.

Transport and Tourism

forecasts.

https://www.river.go.jp/

Yahagi River, river surveillance

cameras, and information on flood

You can check the water level of the



Disaster prevention

email service that

Chiryu City Sugu mail

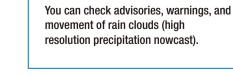




management information eleased by Aichi Prefectural government https://www.kasen-aichi.jp/ You can check the rainfall in the prefecture, the water level of the rivers

protects you from managed by the prefecture (Aizuma River, Sawatari River), and the river camera.

water disasters https://www.kasen-aichi.jp/ Disaster prevention information such as about heavy rains and floods will be sent by e-mail to your pre-registered mobile



Nagoya local

meteorological

Japan Meteorological Agency

observatory's website

https://www.jma-net.go.jp/nagoya/

For contact such as safety confirmation

You can use it to communicate with family

members and acquaintances.

Please dial starting from the area code.

•Ministry of Land, Infrastructure, Transport and Tourism River disaster



https://k.river.go.jp You can check the water level information of the

crisis management type

water level gauge.



KATCH https://www.katch-i.jp/ Pitch FM (FM 83.8 MHz)