# **Matsumoto City Hazard Map**

### Dear residents of Matsumoto City,

May-21

Matsumoto Mayor Gaun Yoshinao

# The hazard map has been updated!

In recent years, floods and landslides have occurred in various parts of the country due to heavy rain that is more than expected. For this reason, the Flood Control Law was revised in May 2015, and the national government and Nagano Prefecture designated and announced "Flood Inundation Prediction Areas for the largest possible rainfall". For this reason, Matsumoto City has created a hazard map that includes inundation risk areas due to heavy rain that occurs once every 1000 years (the largest scale assumed), in addition to the conventional heavy rain that occurs once every 100 years (planned scale). In case of an emergency, let's use this hazard map to discuss and confirm with your family and local residents on a regular basis where to evacuate, what to do when evacuating, and how to prepare for a disaster.

[Apology] The hazard map has been revised and redistributed, so we deeply apologize for the inconvenience to the citizens.

### [Note 1]

In this map, the maximum inundation area and the depth of inundation at each of the assumed multiple breakwater locations are all superimposed, and not all the areas shown in the map are inundated at the same time.

### [Note 2]

The probability of heavy rain (planned scale), which occurs about once every 100 years, is the same as in conventional hazard maps, but it has been revised due to improvements in river improvement and the accuracy of flood prediction

calculations.		[Reference] Precipitation in Matsumoto so far					
River name	Planned scale (rainfall) 100	Estimated maximum (rainfall) in 1000		hourly precipitation	24 hour precipitation		
Azusa River	186 mm (2 days)	396 mm (2 days) 707 mm (2 days)	1st place	<b>59.0mm</b> 1981/7/18	<b>172.0mm</b> 2006/7/18		
Narai River the amount of	235 mm (2 days) rain falling in a river basin	2nd place	<b>55.2mm</b> 1947/8/28	158.5mm 1983/9/28			
			3rd place	<b>51.5 mm</b> 1947/8/27	<b>150.5mm</b> 2000/9/11		
Put it where you can see it from day to day!							

《Inquiry》 🕏

Fire and Disaster Prevention Division,
Crisis Management Department, Matsumoto City Zip code 390 -8620 3-7 Marunouchi, Matsumoto-city, Nagano

Phone: 0263-33-1191 (direct line) 0263-35-3000 (the main switchboard number) FAX: 0263-33-1011

## **How to gather information**

In the event of a disaster, it is important to collect accurate information quickly in order to save lives. Let's try to collect information by using the Internet as well as TV and radio. Also, you should always check where and what information is available.

### Matsumoto Anshin Net (mail delivery service)

The city delivers weather information, fire information, evacuation information, and notifications from the city via e-mail to the mobile phones and PCs of registered people.

Send a blank email 🗻 🔀 t-matsumoto@sg-m.jp You can also register from the QR code on the right.



Free call charge

Pre-registration

is required!

### **Disaster Prevention Administration Radio and Telephone Service**

Through outdoor speakers, we provide information on emergencies and disasters to the public.

[If you miss the broadcast, if you can't hear it clearly]

You can check the contents with the telephone service.

### disaster telephone service

"Information on Evacuation and Shelter" and "Information on Civil Protection" will be sent to the landline phones and faxes at the homes of people who do not use mobile phones or smartphones.

### **Information distribution service**

**Matsumoto City (official) Twitter** 

You can also register from the QR code on the right

@Matsumoto\_city



Matsumoto City (official) Facebook @matsumoto.city.official

You can also register from the QR code on the right.



TV d data broadcasting and radio

You can also register from the QR code on the right.



0120-07-8686

0263-36-8686

Fire and Disaster Prevention Division, Crisis Management Department 公33-1191、FAX33-1011

\*Only broadcasts within the last 48 hours.

### Internet

[Matsumoto City Disaster Information] (Matsumoto City official website) https://www.city.matsumoto. nagano.jp/smph/kurasi/bosai/



Tweb site Shinshu

(Nagano Prefecture official website) http://www.pref.nagano.lg.jp/kurashi/shobo/saigai/

[Nagano River Sabo Information Station] http://www.mobile.sabo-

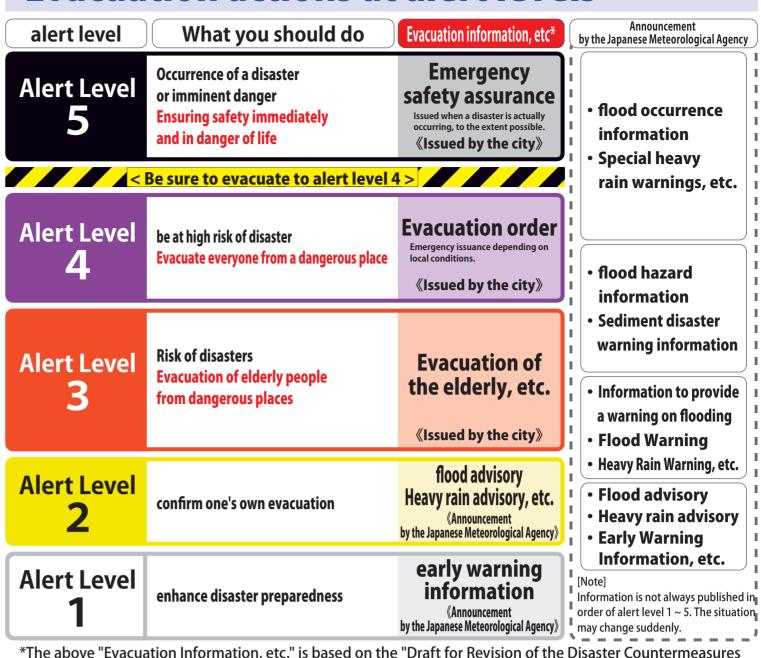
nagano.jp

### [River Disaster Prevention Information]

You can check river water level information and sediment disaster risk distribution. https://www.river.go.jp/portal/



# **Evacuation actions at alert levels**

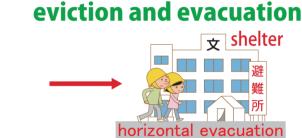


\*The above "Evacuation Information, etc." is based on the "Draft for Revision of the Disaster Countermeasures Basic Act" approved by the Cabinet on March 5, 2021.

### evacuation behaviour

modified version

# indoor safety assurance



Please check the inundation assumption in advance, and if the evacuation information is issued, please evacuate according to the risk of the place. For example, if inundation is expected to be shallow, "indoor safety" should be taken to a safe place in the house. If inundation is expected to be high and safety cannot be ensured indoors, "evacuation and evacuation" should be taken early. In this case, please avoid dangerous routes such as rivers and move to a safe place (including designated evacuation centers in adjacent areas).

# Stockpiles and emergency supplies

In the event of a disaster, electricity, gas and water supply may be cut off, or roads may be damaged and relief supplies may not be delivered by disaster prevention agencies. Try to prepare food and daily necessities so that you can live on your own for a few days.

### **Stockpiles** (preparations after disasters)

Stockpiles support several days from the occurrence of disaster to restoration. If possible, you should prepare more than one week's worth. Also, prepare what you need for each family situation.

	stockpiled food		☐ Tableware (Disposable)		Other
	☐drinking water	□Cassette stove	□towels and blankets	□Newspaper	
	□alpha rice	☐ Cassette cylinder	□Soap	☐Simple toilet	
	□canned food	□tarpaulin	□Toothbrush (cup)	clothing	
2	□retort food	□Wrap	□toilet paper	☐ Jackets and warm clothing	
	□instant food <a></a>	□aluminum foil	☐first aid kit	$\Box$ underwear and socks	

### Emergency items (minimum preparation)

You should put emergency items in a place where you can take them out immediately in an emergency. If it's too heavy, it will prevent you from evacuating, so please put the minimum things in a backpack with both hands free. Also, in order to prevent infectious diseases, prepare and take measures against "masks, thermometers, disinfectants, etc." in advance.

stockpiled food	□wet towel	valuables	□baby food	□Cage, etc.
□drinking water	□Portable warmer	☐ Driver's license (copy allowed)	□baby bottle	Other
□emergency food	□portable toilet	Health insurance card (copy allowed)	□paper diaper	
daily necessities	□tissue paper	☐My Number Card	□piggyback strap	
□portable radio	Medical products	☐ Cash (notes and coins)	□Cold protection items	
□flashlight	(measures against infectious diseases)	☐Passbook and seal	If you have older people	
☐spare battery	☐medicine notebook	In the case of allergic disease	□household medicines, etc.	
☐ Mobile phones	□Mask	☐food for allergy	feminine goods	
and chargers	□thermometer	□ household medicines, etc.	☐ Sanitary supplies, etc.	
□whistle	□antiseptic solution	If you have infants	If you have pets	
□plastic bag	□adhesive plaster	Maternal and Child Health Handbook	□pet food	
□Towel	□bandage	□liquid milk	□Reed	

# Rolling stock is also recommended for food stockpiling!

Even if a disaster occurs, support will not arrive immediately. At each home, you should try to store enough supplies to spend a week with your family in a place where it is easy to get them out. Buying a little more food and other daily necessities (for example, food, batteries, and household medicines) can help you prepare for disasters. Keep in mind that you'll use the old ones first, and then buy as many as you use, it's called "Rolling stock".