

Things to Prepare in Advance Against Wind and Flood Damage

Before you start

In recent years the damage from heavy rains and winds has been growing and disaster could strike anywhere and at anytime. Be aware of the need to safeguard your own life and familiarize yourself with the kinds of damage that can occur in the area where you live. At the same time, each person should create an evacuation plan that fits their own particular situation.

The following is an excerpt from, "The Role of Evacuation from Flood and Sediment-related Disaster Countermeasures based on the Heavy Rain that occurred in July 2018"(Central Disaster Management Council) <to all citizens>

- It is impossible for the authorities to put out evacuation information tailored to each individual's circumstances. In the face of impending natural threats, the authorities cannot come to the aid of each and every individual.
- You must make the final judgment on whether or not to evacuate. Everyone should take action to preserve their own lives.
- It's too late once rivers have burst their banks and landslides have occurred. Do not lose the awareness that, "if I don't evacuate now, my loved ones and I may lose our lives."

Take an interest in disasters, and prepare what you can now to protect these precious lives.

STEP 1 Ascertain the dangers of the area you live in!!



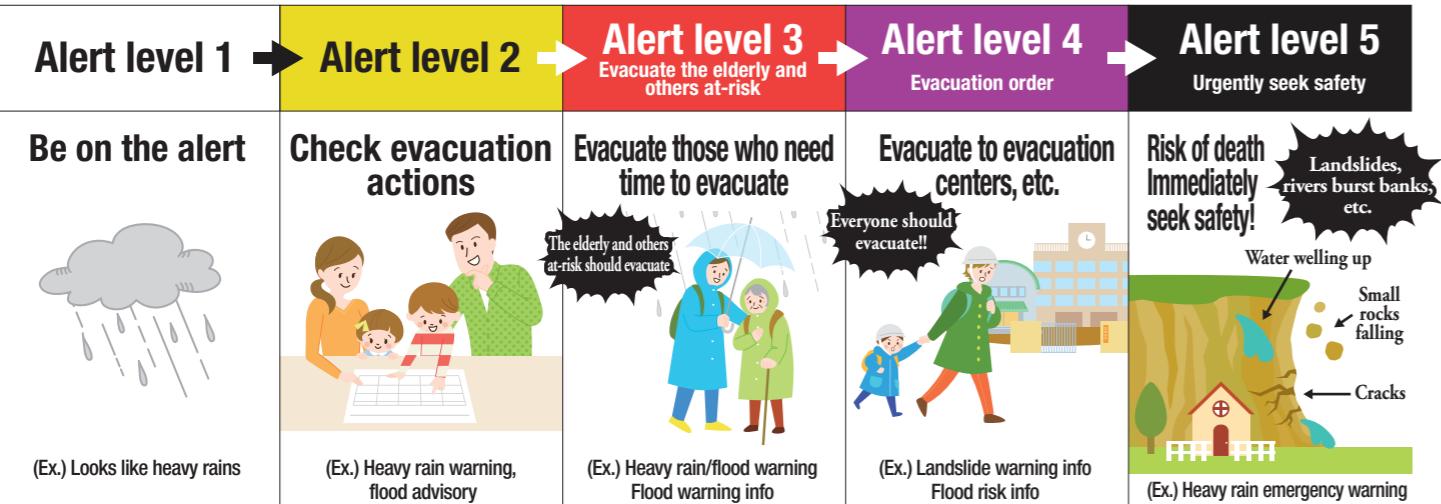
Check the hazard map to understand the level of danger posed by flooding or landslides.

[About hazard maps \(Yokohama City website\)](#)

[Yokohama hazard map](#) [Search](#)

Hazard maps are distributed by your local ward office.

STEP 2 Understand weather/evacuation information*!! *Evacuation of the elderly, evacuation orders, etc.



Evacuation site In general the authorities will open evacuation sites in conjunction with evacuation information.

The timing of official announcements may differ for each ward. Evacuation sites are announced on the city website, the website of your local ward office, and by disaster preparedness information emails.

Local disaster preparedness centers (elementary and middle schools), which are evacuation sites during earthquakes, may not necessarily be opened. District centers and neighborhood town halls may be opened instead.

If you are considering evacuating, be sure to check the information about established evacuation sites on the website of the city or ward office where you live.

STEP 3 Learn how to collect the information you need!!

In addition to getting information from TV and radio, use the following kinds of tools to find information faster.

Yokohama City Website

[Yokohama disaster preparedness information](#) [Search](#)

Email

[Yokohama city disaster preparedness email](#) [Search](#)

Apps

Yahoo! Disaster Preparedness Bulletin (Bousai sokuuhou)



STEP 4 Understand evacuation actions!!

Signs you should evacuate (Gather information early!)

Evacuation actions (Take early action!)

Risk of rivers overflowing, water inundation from sewers, etc.

- Pay attention to weather information from TV, radio, or the Yokohama City website.
- Check river conditions on the Yokohama City website.
- Pay attention to conditions outside.
*Large quantities of water are overflowing from manholes.

Alert level 3 (Evacuate the elderly and others at-risk),

Alert level 4 (Evacuation order) given...

- Evacuate to tall buildings nearby
- Evacuate to the second floor or higher of the building you are in now (such as your home)



Risk of landslide

- Small rocks falling loosely
- Cracks appear in slope
- Water welling from slope

Signs of imminent landslide

- Evacuate to a safe location (evacuation sites such as designated emergency evacuation sites, or the homes of relatives outside of the potential landslide or flood damage zones)



Horizontal evacuation

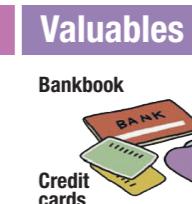
Evacuation means to avoid danger and get to safety. Evacuation actions entail more than just going to an evacuation site. Each household should consider what to do based on their needs. This may include designating a place such as the home of a relative as their evacuation site beforehand.

STEP 5 Prepare items to take with you in an emergency!!

As a rule, evacuees should bring supplies and food to the evacuation site themselves.
(Bring what you can, but prioritize evacuating)

List of items to take with you in an emergency

- Select the necessary items depending on your family make-up.



Water / Drinks

Drinking water



Emergency rations



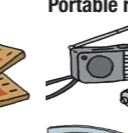
Milk (formula, etc.)



*You should prepare your own hot water as well.

Daily necessities

Portable radio



Flashlight



Towels, blankets, etc.



Toiletry pack



Thermometer



Paper plates and cups



Chargers



Plastic bags



Paper diapers



Masks



Chargers



Plastic bags



Paper plates and cups



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Paper plates and cups



Chargers



Plastic bags



[Evacuation Action Plan]

Personal Timeline Creation Worksheet

Because the path and scale of typhoons and heavy rains can be predicted in advance, making a plan for when one approaches will lead to proper evacuation actions. !



[Before creating] Things to check when making timeline	Check on hazard map	Check status of household	Consider evacuation actions		
	Is the area where you live a <input type="checkbox"/> Potential flood damage zone <input type="checkbox"/> Potential landslide damage zones What is the expected flood depth of the place you live? <small>(Estimated Max. Scale) (Ex.: Tsurumi R. 3-5 m)</small> <small>[River , m]</small>	People who need help evacuating <small>(Those who are elderly, disabled, infants, pregnant, etc.)</small> <input type="checkbox"/> Yes <input type="checkbox"/> No Pets : <input type="checkbox"/> Yes <input type="checkbox"/> No	You are in a potential flood/landslide damage zone No • Building is sturdy • Living in condominium Yes Taking into account the maximum projected water depth on the hazard map, you can reach safety by evacuating vertically.	Shelter-in-place Evacuate vertically (2nd floor of bldg. or higher) Evacuate horizontally (evacuation site, etc.)	<small>[Precautions] Criteria for considering evacuation method. Areas outside of potential flood damage zones may flood, and waters may rise above estimated depths. The same holds true for potential landslide damage zones. Even if you decide to shelter in place or evacuate vertically, be prepared to evacuate horizontally.</small>

[Personal Timeline]

Alert level	Level 1	Level 2	Level 3 The elderly and others at-risk should evacuate	Level 4 Everyone should evacuate	Level 5 Landslides, rivers burst banks, etc.
Information from the authorities			<ul style="list-style-type: none"> Call for precautions such as voluntary evacuation 	<ul style="list-style-type: none"> Evacuate elderly people and other at-risk people 	<ul style="list-style-type: none"> Evacuation order
Information in accordance with advisory level <small>*The advisory level, timing of information issued in accordance with the advisory level, and the applicable regions may not necessarily match.</small>	<ul style="list-style-type: none"> Looks like heavy rains 	<ul style="list-style-type: none"> Heavy rain warning, flood advisory 	<ul style="list-style-type: none"> Flood warning info Heavy rain warning, flood advisory, etc. 	<ul style="list-style-type: none"> Flood risk info Landslide warning information, etc. 	<ul style="list-style-type: none"> Urgently seek safety*
Fundamental items (Items common to all evacuation actions)	<ul style="list-style-type: none"> Check weather report Home inspection/reinforcement Check supplies and items to take with you in an emergency* *Flashlights in case of blackouts, water, etc. 	<ul style="list-style-type: none"> Place stocked goods in a safe place where they won't be submerged 	<ul style="list-style-type: none"> Check evacuation site and whether it is open (Ward website or disaster preparedness email) 	<div style="border: 2px solid red; padding: 5px;"> <ul style="list-style-type: none"> Start evacuation Evacuate everyone away from dangerous areas in accordance with evacuation order </div>	
Criteria for action	<div style="display: flex; align-items: center;"> Evacuation sites established by authorities <div style="margin-left: 10px;"> People who need help evacuating <small>(Including those living with people who need help evacuating)</small> </div> </div>	<div style="display: flex; align-items: center;"> Those evacuating with pets <div style="margin-left: 10px;"> <ul style="list-style-type: none"> Check temporary drop-off locations such as friends and pet hotels Confirm evacuation method, timing, etc. Check emergency bag and cages for pets (prepare if you don't have) </div> </div>	<div style="display: flex; align-items: center;"> Contact the place you will evacuate to, or make hotel reservation <div style="margin-left: 10px;"> <ul style="list-style-type: none"> Consider means of transportation as necessary (Pet taxi, pick-up/drop-off by car, etc.) Place pets in cages and prepare to evacuate </div> </div>	<div style="display: flex; align-items: center;"> Contact the place you will evacuate to, or make hotel reservation <div style="margin-left: 10px;"> <ul style="list-style-type: none"> Consider means of transportation as necessary (Pet taxi, pick-up/drop-off by car, etc.) Place pets in cages and prepare to evacuate </div> </div>	<div style="display: flex; align-items: center;"> Contact the place you will evacuate to, or make hotel reservation <div style="margin-left: 10px;"> <ul style="list-style-type: none"> Consider means of transportation as necessary (Pet taxi, pick-up/drop-off by car, etc.) Place pets in cages and prepare to evacuate </div> </div>

My plan	
Reference the check items above to fill out your own personal timeline. !	
Procedure 1: <input type="checkbox"/> List applicable items using check boxes	
Procedure 2: <input type="checkbox"/> List any necessary items other than those indicated by check boxes	

*An official order to immediately seek safety depends on local conditions, and may not necessarily be issued.

In typhoon 19 of 2019, many lost their lives due to flooding and collapses of roads while attempting to evacuate by car. If evacuating by car, or going to meet those who need help evacuating, take action at an early stage.

*As a rule, it is forbidden to park your car at evacuation sites established by the authorities.

! Risk of death
Immediately seek safety

! Take action with preserving lives as your highest priority

! Evacuate to a safe place indoors