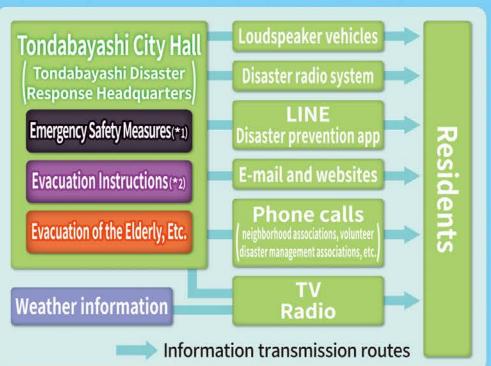
Tondabayashi For protecting you and your precious family Flooding and Landslide Hazard Map

Communication route for evacuation information and actions to take

Tondabayashi established a "Disaster Response Headquarters" to respond when a disaster may occur or is occurring. Additionally, as the threat of a disaster increases and evacuation is required, they will provide information on evacuation. Evaluate this information and take appropriate actions.



Alert Level	Evacuation information, etc. (issued by Tondabayashi)	Disaster mitigation and weather information (issued by JMA)	Conditions	Action to take	
5	Emergency Safety Measures	Heavy rain emergency warning	Disaster occurring or imminent	Danger to life. Take immediate safety measures!	
Evacuate when or before Alert Level 4 is issued!					
4	Evacuation Instructions	Landslide alert information	High possibility of disaster	Total evacuation from dangerous areas	
3	Evacuation of the Elderly, Etc.	Heavy rain warning Flood warning	Possibility of disaster	Evacuate the elderly, etc., from dangerous areas *3	
2		Heavy rain, flood, and storm surge advisories	Worsening weather conditions	Check what evacuation actions to take	
1		Early advisory information	Possibility of worsening weather conditions	Increase disaster preparedness	

*2 "Evacuation Instruction" will now be issued when "Evacuation Recommendation" was issued previously. *3 In addition to the elderly, etc., those who feel at risk should also voluntarily evacuate

Issued by: Tondabayashi Office of the Mayor Crisis Management Office 1-1 Tokiwa-cho, Tondabayashi, Osaka 584-8511 🕿 0721-25-1000 (representative)

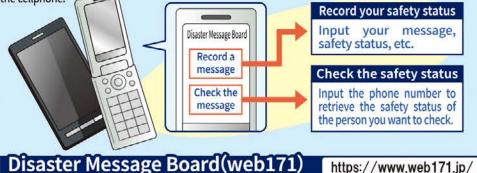
Disaster message services

When large disasters occur, phone service may be disrupted for days from the start of the disaster. "Disaster Emergency Message Dial", "Disaster Message Board Service", and "Disaster Emergency Message Board (web171)" were established for these cases.

Disaster Emergency Message Dial Dial 171 and follow the instructions This is a phone service used during large-scale disasters as a voice message board (safety information). This allows people inside and This allows disaster victims to use a cellphone to record a message on their safety situation that can be outside of affected regions to record and play messages to and from each other. You can try the service out during the 1st and 15th checked by others. To record or check messages, select "Disaster Message Board" from the top menu of of every month, the New Year 3-day holiday period, Disaster Preparedness Week, and Disaster Prevention and Volunteer Week.



Disaster Message Board Service



This is an internet message board for checking the safety of disaster victims. Information on the message board can be posted or viewed.

Store supplies at home in preparation for a disaster. Prepare for emergencies by storing at least 3 days worth of supplies, or 7 days worth, if possible.

Cash (coins)

Food Drinking water (about 3 L per person, per day) Emergency food (canned goods, crackers/biscuits, etc.) Powdered milk and baby bottles (if you have a baby)

Emergency/Safety measures Regular medications (stomach

medication, cold medication, etc.) Bandages, gauze, adhesive Ointments, disinfectants Medicine for chronic diseases Helmets Prescription Records Fire-proof emergency hoods

Clothes (heavy/light) Underwear Towels, blankets Gloves, work gloves Sleeping bags Rain gear

Clothes, etc.



Daily supplies, etc. **Valuables**



Individuals who need support to evacuate

These are individuals who have difficulty

evacuating on their own during a disaster

and require support. This generally includes

the elderly, the disabled, etc. Cooperate

with the community to confirm the safety

of your elderly and disabled neighbors and

The elderly / sick

Evacuate by carrying them to a safe

The physically disabled

Navigating stairs requires the support

If there is only one caregiver, fashion a

rope, etc., and carry the person to

The visually impaired

When guiding someone with visual

impairments, do not grab the hand

holding the cane. Let them hold your

elbow, and walk slowly a half-step

The hearing impaired

to aid understanding

The intellectually disabled

The mentally disabled

if necessary, provide reasonable guidance.

If they are upset, take time to help them calm down.

Provide immediate protection if the person is alone when

Provide an easy-to-understand explanation using simple

Explain the disaster situation and the evacuation location, and

For details, refer to the "Tondabayashi Support

Plan for Individuals who Need Evacuation Support".

and evacuation location, and guide them, if necessary.

words, characters, pictures, or photos of the disaster situation

When speaking, move your lips clearly

 Use sign language, writing, or gestures to convey accurate information.

Provide verbal information.

of at least 2 persons. Face the wheelchair upwards when going both

(wheelchair users)

up and down.

Respond with multiple caregivers.

help them relocate to evacuation facilities.

Evacuation tips

Keep emergency supplies prepared that are required for evacuation, and discuss the evacuation procedures.



Consider evacuating somewhere other than an evacuation site. Based on the Flowchart for Determining Evacuation Actions on the page to the right, determine the need for evacuation and discuss in advance where to evacuate.

according to the situation.

Even if no evacuation information is

available, evacuate voluntarily based on

Promptly evacuate

the rain conditions, etc.







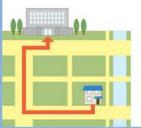
Help each other as a group.



Avoid acting individually, and evacuate as a group with your neighbors to a pre-determined location.



Exercise caution when evacuating by car. Cars can have difficulty traveling through water 30 cm deep or deeper. Exercise caution when evacuating by car.



Evacuate through a safe route. Where possible, take a wide, safe route to the evacuation site while avoiding river banks, underground passages, etc.



Minimize the amount of goods you take. Fit your emergency goods in a backpack so hat both hands can be used freely.



Follow the instructions at the evacuation facility.

When you reach the evacuation facility, follow the instructions of the staff, and provide your name and address.

Horizontal and vertical evacuations

It is important to evacuate early in a disaster. However, if the evacuation route is already overflowed with water or danger is imminent, a dangerous evacuation should be avoided when possible. In this case, it is necessary to consider options other than an evacuation shelter (horizontal evacuation), such as moving to a high location like the top floor of a nearby building, or the second floor of your home (vertical evacuation) and waiting for help.

The three Cs

Closed spaces : poor ventilation

Crowded places : large gatherings

Close-contact settings in close proximity

Maintain distance from other evacuees.

▶ Minimize conversing and speaking in close proximity.

:conversing/speaking

►Ventilate every 30 minutes.







Measures and preparedness against infection during evacuation

When entering the evacuation shelter

·After being checked for a fever, etc., by evacuation shelter staff, enter the evacuation shelter in order according to staff instructions. Wear a mask in the evacuation shelter. If you do not have a mask, tell the staff during reception.

Avoid the three Cs

 Evacuation shelters have limited space, and it can be difficult to avoid the three Cs. Consider evacuating at the home of a relative or friend.

 If staying in your car, be careful of economy class syndrome (leg circulation) and heat stroke.

Hygiene and health management

- ·If a toilet has a lid, close it before flushing. Periodically check your temperature.
- Tell the evacuation shelter management if you feel unwell.
- Prepare masks and disinfectant to take with you.

Observe hand washing and coughing etiquette

 You must wear a mask in the evacuation shelter. Tell the evacuation shelter management if you do not have a mask. Also observe coughing etiquette. Thoroughly wash your hands, specifically before eating and after using the toilet, and sanitize your hands.











Internet sources for disaster information

Use your computer or cellphone to check disaste

information related to rainfall, river levels, etc.

Notification services for disaster information

Emergency alert notifications (area notifications)

Services that provide emergency earthquake notifications or

disaster/evacuation information from the government or local public agencies to all cellphones in a target area.

* For details, see the website for the respective cellphone company

Institution name

Tondabayashi website https://www.city.tondabayashi.lg.jp/

Osaka Disaster Prevention Net

Phone number

http://www.osaka-bousai.net/pref/index.html

Tondabayashi Mail

Send an empty email to the following address:

→You will then be sent the registration address.

tonda@emp.ikkr.jp

Tondabayashi disaster

prevention app, Hazardon

iPhone : Android

*The apps are free to use, but users are responsible for transmission fees.

(earthquakes, heavy rain, typhoons, tornadoes, etc.).

*Depending on the app, your region may need to be set. Set it to Tondabayashi.

Using Twitter hashtags during a disaster

Heavy rain emergency warning

Issued when the danger is much higher than with a warning

*Emergency warnings are not issued for floods, because

ssued when it is expected that rainfall from

typhoons or localized downpours could occur at a level seen only once every several decades.

for Tondabayashi to cellphones and computers registered in advance.

fficial LINE account

JMA Real-time Risk Map (map of risk levels) https://www.jma.go.jp/bosai/risk

Osaka Regional Headquarters, JMA https://www.jma-net.go.jp/osaka/

Getting disaster information from disaster prevention apps

NHK News / Disasters

iPhone : Android

The city uses Twitter hashtags to collect information on the conditions during a disaster

Osaka disaster notifications (Osaka Disaster Prevention Net) A service that sends safety/security information and administrative information A service that sends region-specific (municipality) disaster information to cellphones registered in advance.

Send an empty email to the following address:

→You will then be sent the registration address. touroku@osaka-bousai.net

Yahoo!

For details → Tondabayashi Disaster Twitter Search Q

Weather news

Emergency contact information

110000000000000000000000000000000000000				
Tondabayashi City Hall (Disaster Response Headquarters)	0721-25-1000			
• Voice-guided service for disaster information You can listen to announcements from the disaster radio system.	0800-805-5653			
Tondabayashi Fire Department Headquarters	0721-23-0119			
Hospital assistance line Introduces hospitals currently providing emergency care.	0721-23-9919			
• Emergency Peace of Mind Center Osaka Provides consultations on emergency medical care.	#7119 or 06-6582-7119			
Tondabayashi Police Department	0721-25-1234			
Osaka Gas (dedicated number for gas leaks)	0120-319-424			
Osaka Gas (Customer Center)	0120-394-817			
Kansai Transmission and Distribution Inquiries related to power lines and poles	0800-777-3081			
NTT (phone disruptions)	113 *			
*Depending on your carrier, you may not be able to connect				

If you tweet disaster conditions in the city with the "#富田林市災害" (#Tondabayashi Disaster) hashtag, the Disaster Response Headquarters will collect the information. When a disaster occurs, add photos or text to the tweet that allow the location to be identified.

Tweets can be made by anyone.

Advisories and warnings on heavy rain and flooding



Issued when it is expected that disaster could Issued when it is expected that serious disaster could occur due to rising or overflowing rivers, occur due to rising or overflowing rivers or due to damage or collapse of embankments

flood forecasts are issued for Japan's 400 designated or due to damage or collapse of embankments

●Additionally, if extreme rain is observed on a scale that only occurs once every few years, the JMA will announce "record-breaking short-term rainfall". This means that conditions are occurring that could lead to disaster in regions for which this announcement is made. ●When heavy rain occurs, check the TV and radio for the latest advisories, warnings, and emergency warnings. In addition to TV and radio, you can check NTT telephone service 177 and the JMA website (http://www.jma.go.jp/). *The rainfall criteria used for advisories and warnings in Tondabayashi can be checked from the JMA website.

River flooding and surface water flooding *See the hazard map for river flooding. *See the hazard map for river flooding. *See the hazard map for surface water floods.→ Tondabayashi Surface water Search C

Floods can be river floods, where a river embankment breaks or water flows over the embankment, or surface water floods, where rainfall cannot be sufficiently drained by channels or drainage systems. First understand the characteristics of floods so that you can confirm the route you can use to safely evacuate to an evacuation shelter.



Flowchart for Determining Evacuation Actions

Check the Hazard Map* to find your house,

Is the location of your house colored?

There is a risk of disaster, and evacuation away from the

Will it take time for you or the people you are with to evacuate?

Areas with a risk of building collapse due to flooding

Areas along embankments where violent currents could occur

during a flood that destroy or wash away buildings are considered

"areas with a risk of building collapse due to flooding". You must

evacuate early from these areas to outside of the potential

flooded area, because there is a risk of your home, etc., collapsing.

Do you have relatives or acquaintances who live in a safe place where you can take shelter?

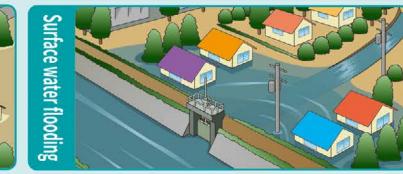
and then mark it.

home is generally required.

At Alert Level 3 (Evacuation of the elderly, etc.),

evacuate to the safe house of a relative of

acquaintance. (Discuss this on a regular basis.)



*The Hazard Map is colored to indicate areas where there is a high possibility of

inundation or landslides. Disasters can occur outside of the colored areas as well.

measures inside (staying inside your own home).

apartment building, you can be safe by staying at home.

►You are located above the flooding depth.

At Alert Level 4 (Evacuation Instruction),

evacuate to the safe house of a relative or

acquaintance. (Discuss this on a regular basis.)

Even if the area is not colored, if the ground above which you live is lower than the surrounding area

Even if there is a risk of flooding, in the following cases, you can take safety

➤ You are outside of areas where there is a high possibility of buildings collapsing or falling due to flooding.

Even if there is a risk of landslides, if you live on a high floor in a sufficiently sturdy

Do you have relatives or acquaintances who live in a safe place where you can take shelter?

The evacuation shelters that are open may differ according to the situation.

Area where a strong river current could erode Area where buildings could collapse due to

See the map on the reverse for areas with a risk of building collapse due to flooding.

At Alert Level 4 (Evacuation Instruction),

evacuate to the evacuation shelter

Overflow

specified by the city.

the overflow from a river.

▶You have enough water and supplies to wait for the water to recede if flooding occurs.

or near a cliff, evacuate as necessary based on the evacuation information from the municipality.

Check both the Flowchart for Determining Evacuation Actions and the Hazard Map to consider the disaster risk of your area and the conditions of your house to determine what actions to take and where best to evacuate.

Exceptions

Check the Flowchart for Determining Evacuation Actions



Violent rain. Landslides and What actions should you take for evacuation? Prepare for evacuation.



Rain falls like a waterfall. The water splashes and appears white. The rain is intense enough to alert about 50% of people who are sleeping inside.



Exerts pressure making it feel difficult to breathe. High possibility of large-scale disaster due to rain. Must be on high alert.

Types of landslides and their precursors

At Alert Level 3 (Evacuation of the Elderly,

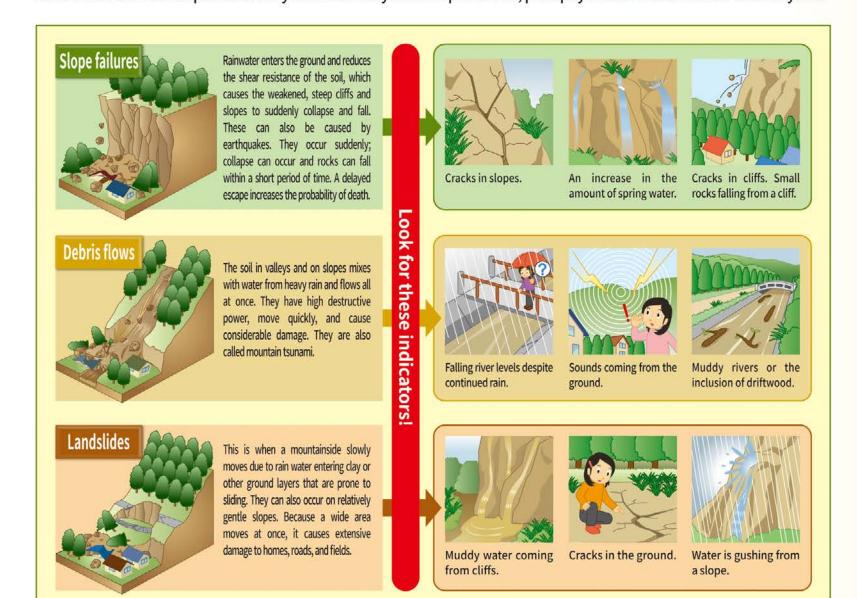
Etc.), evacuate to the evacuation shelter

specified by the city.

When heavy rain, typhoons, or earthquakes occur, the ground loosens, which could cause debris flows, slope failures, or landslides to occur. To protect yourself from landslides, it is important to first check for dangers around your home. Landslides have various precursors. If you observe any of these precursors, promptly evacuate and contact Tondabayashi.

Bank erosion

the ground and cause buildings to collapse.





Rain intensity/type

(Rainfall per hour)

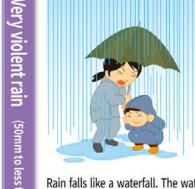
hear when talking. Prolonged rain requires alertness.



wet even with an umbrella. There is a risk of flooding from small rivers and of landslides.



slope failures are likelier to occur. Roads may be restricted.





*Refer to JMA materials

Landslide alerts

Landslide alerts are prepared and issued jointly by Osaka Prefecture and Osaka Regional Headquarters, JMA when there is an increased risk of landslides during a heavy rain warning.

Landslide alerts are important

information for mayors when they issue evacuation information. When a landslide alert is issued, be highly alert for landslides, and determine whether you should evacuate. Even if a landslide alert has not been issued, it is still possible for a landslide to occur depending on the topography and geology. Therefore, be sufficiently aware of other disaster information and of landslide precursors; evacuate if needed.

