Created March 2024

“Evacuation” Means Avoiding Danger. Make Your Own Evacuation Plans.

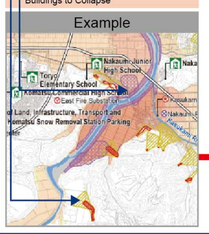
Going to a shelter is not the only way to evacuate.
For example, if the estimated water level of a flood is less than 3 m, and your house has a second floor, you may be able to use the second floor as an evacuation site.
In order to get to safety in time, it is important to think ahead about how to evacuate, before it’s too late. The flowchart below can help.

Use the flowchart below to plan your evacuation. Yes → No →

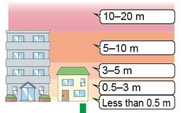
Step 1 Is your home located in an earth-and-rock disaster (special) hazard zone, or an area where floods could cause buildings to collapse?

Earth-and-Rock Disaster (Special) Hazard Zones
Areas Where Flood Could Cause Buildings to Collapse

Example



Step 2 Does your home have any rooms higher up than the estimated water level?



Step 3 Do you have enough water, food, portable emergency toilets (and refill bags), and other supplies to live on until the flood water is gone?

Evacuation by Leaving Your Home (“Horizontal Evacuation”): Evacuate to a Safe Place

Choose an evacuation site that suits you best, such as a designated shelter you can walk to, a designated emergency shelter you drive to, or even a hotel or a friend’s or relative’s home.

Evacuation at Home (“Vertical Evacuation”)

It is also possible to evacuate without leaving your home. Make sure you have enough water, food, portable toilets (and refill bags), etc.

Points to Keep in Mind

- If at all possible, do not evacuate alone.
- Encourage neighbors to evacuate too.
- Work together as a community to support everyone’s evacuation.
- If you need extra time to evacuate, you should start sooner.

- Keep away from hazardous places.
- Do not go near rivers or bridges.

Preparations to Reduce Damage

Use plastic trash bags, wooden boards, and other things around your home to prevent water from entering the building.

Make sure that any drains are not clogged. Take indoors any items that could blow away in the wind.

Alert Levels and Disaster Safety Information

In recent years, there have been large-scale disasters in many places, due to causes like localized super-heavy rains.
Check the weather information regularly. If there is a possibility of a disaster, evacuate in a way that makes sense for you. Keep yourself safe — or alive .

Evacuation Information Types (Five Alert Levels)

Disaster Hazard Level

Alert Level	Status	What to Do	Official Evacuation Instructions/Information
5	Disaster already happening, or happening very soon	Life-threatening danger! Get to safety immediately!	Emergency Safety Measures
	EVERYONE MUST EVACUATE from hazardous places by Alert Level 4!		
4	High risk of disaster	EVERYONE MUST EVACUATE from hazardous places	Evacuation Instruction
3	Risk of disaster	Elderly people and people with other special needs must evacuate from hazardous places	Evacuation of elderly people and people with other special needs
2	Weather conditions worsening	Check your evacuation plan	Heavy Rain and Flood Advisory
1	Risk of weather conditions worsening	Prepare for disasters	Early Warning Information

- Alert Level 5 information is not always officially issued.
- At Alert Level 3, anyone needing extra time to evacuate (not just elderly people) should evacuate if they can.
- If there is a risk of landslides or other hazards along your evacuation route, or if your designated shelter or evacuation site is far away, we recommend evacuating at Alert Level 3 (Evacuation of elderly people and people with other special needs).

Disaster Safety Information

Disaster safety information is provided through various means. Check them for the latest information.

For Receiving Information / For Sharing Information

Yahoo! Disaster Prevention News (Registration Required)

Emergency information from Komatsu City is delivered through the app. The app also provides information like notifications about shelters opening, and alerts for disasters.

Komatsu Disaster Prevention App (Registration Required)

The Komatsu Disaster Prevention App delivers smartphone push notifications, with evacuation information like evacuation instructions and information about shelters opening.
The app also provides extensive information to help users prepare for disasters as part of everyday life!

こまつ防災アプリ
KABURUKY X POMPOMPURIN

Google Play / App Store

Komatsu City Official LINE Account (Registration Required)

Provides information on disasters happening, disaster safety, and other related topics.

LINE [@komatsu-city]

Komatsu City Official Social Media Accounts

Facebook — Komatsu City Hall [@cityofkomatsu]
X (formerly Twitter) — Komatsu City [@komatsu_city]

Emergency Items to Bring

These are the most important things to take with you when evacuating. Prepare these items based on the list, and check them regularly.

- ☐ Water
- ☐ Food
- ☐ Hard hat(s)
- ☐ Clothing and underwear
- ☐ Rainwear
- ☐ Laceless canvas shoes
- ☐ Flashlight(s)
- ☐ Portable radio
- ☐ Spare batteries and portable charger
- ☐ Valuables (Bank passbooks, cash, passports, driver’s licenses, hospital ID cards, individual number cards, etc.)
- ☐ Matches and candles
- ☐ First-aid supplies
- ☐ Disposable heating pads (*kairo*)
- ☐ Blanket(s)
- ☐ Work gloves
- ☐ Toiletries
- ☐ Toothbrush(es) and toothpaste
- ☐ Towel(s)
- ☐ Pen(s) and notebook(s)

Disease Safety
Masks
Hand sanitizer
Bar soap/liquid soap
Wet wipes
Thermometer(s)

Items for Women
Sanitary products
Pantyliners
Sanitary underpants
Sanitary bags
Personal alarm/whistle

Items for Children
Baby formula
Disposable baby bottles
Baby food
Portable cutlery
Disposable diapers
Baby wipes
Portable bidet
Neck-light(s)
Baby carrier
Child shoes

Items for the Elderly
Adult diapers
Cane(s)
Hearing aid(s)
Nursing food
Dentures and cleansers
Absorbent pads
Intimate care products
Regular medications
Copy of medication handbook

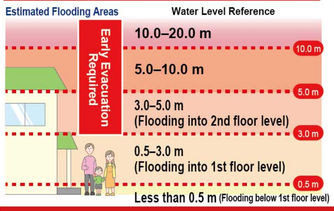
Items to be stocked at home / Stockpiles

Food and water (at least 3 days’ worth, preferably a week’s worth) for each family member
Daily necessities
• Tissues • Toilet paper • Plastic wrap • Garbage bags
• Plastic water storage tank(s) • Portable toilet(s) and refill bags etc.

Areas Requiring Leaving Your Home for Early Evacuation

Locations where any of the following conditions apply require evacuation to safer places, away from homes and other structures.

Structures Where the Top Floor Could Flood



Places Where Flooding Could Continue for Long Periods of Time

“Vertical evacuation” by going upstairs is an option if the top floor of your home is not likely to be flooded, but in locations where flooding will continue for an extended period of time, you may need to leave your home to evacuate, depending on your preparedness, your health, and other circumstances.

Check the digital version of the flood hazard map for flood length!

Areas Where Flooding Could Cause Building Collapses

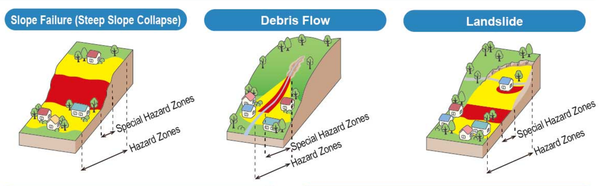
Flood Flow

Places where wooden houses may collapse due to flood flows following levee breaches

Riverbank Erosion

Places where houses may collapse due to riverbank erosion

Earth-and-Rock Disaster (Special) Hazard Zones



Hazard Zones
Zones where an earth-and-rock disaster could cause harm or death to any people there. Hazards are made known to the public, and warning and evacuation systems are put in place in these zones.

Special Hazard Zones
Zones where an earth-and-rock disaster could destroy buildings, and cause significant harm or death to any people there. Measures such as approval systems for specific development activities, and special regulations for buildings, are implemented in these zones.

Rivers Shown on This Map Expected to Flood

Tedori River

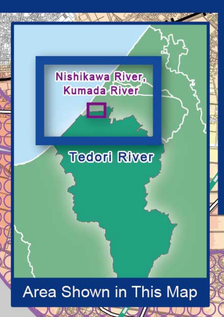
Target Neighborhoods (Elementary School Districts): Chisho, Ataka, Maki, Inumaru, Araya, Nomi, Kokufu

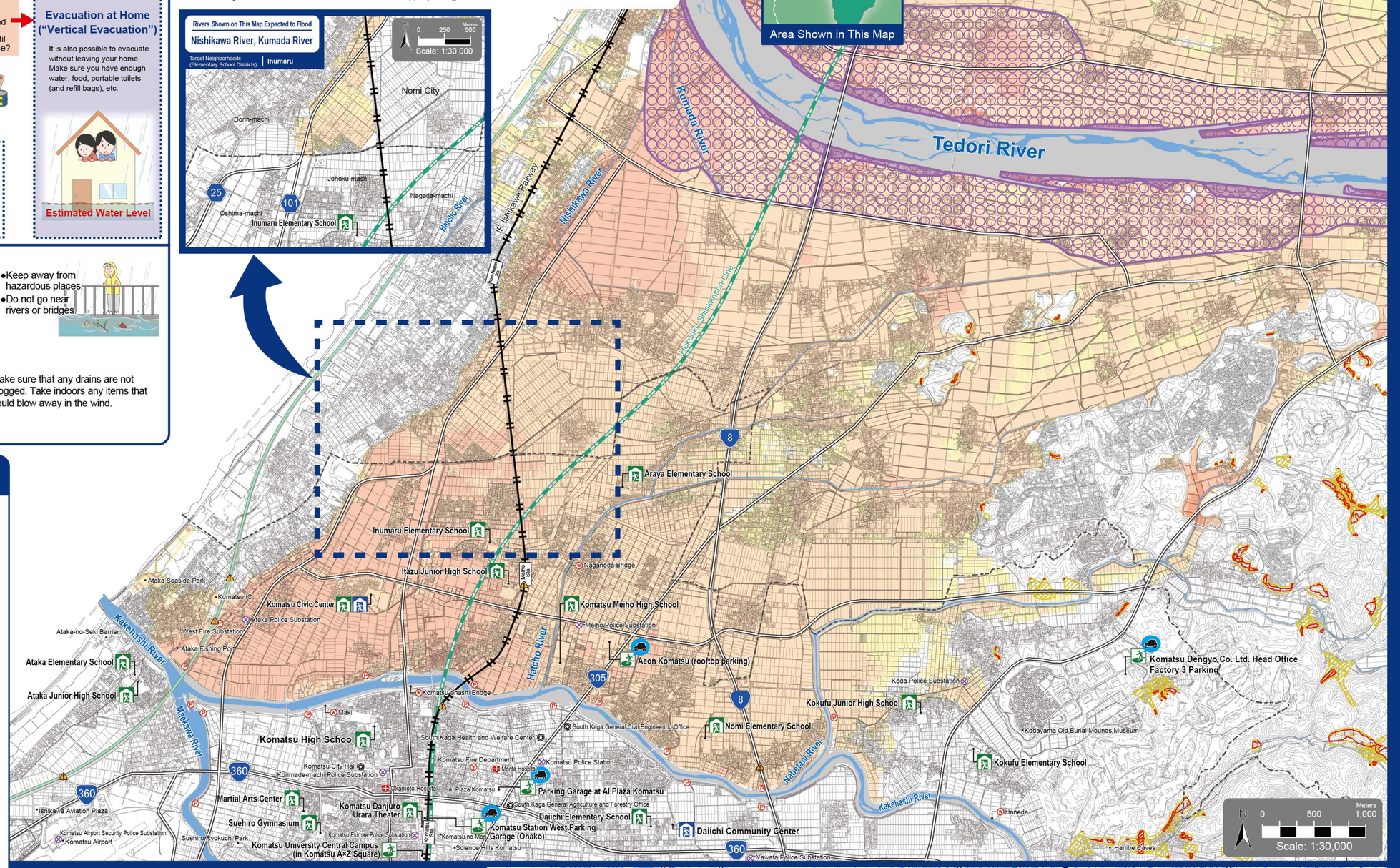
Estimated Flooding Areas
The colors on the map indicate flood areas and the maximum water depth there, calculated by overlaying the flood areas estimated based on river overflows as a result of the largest possible rainfall under the conditions shown below, as specified by the national and prefectural governments by May 2023.

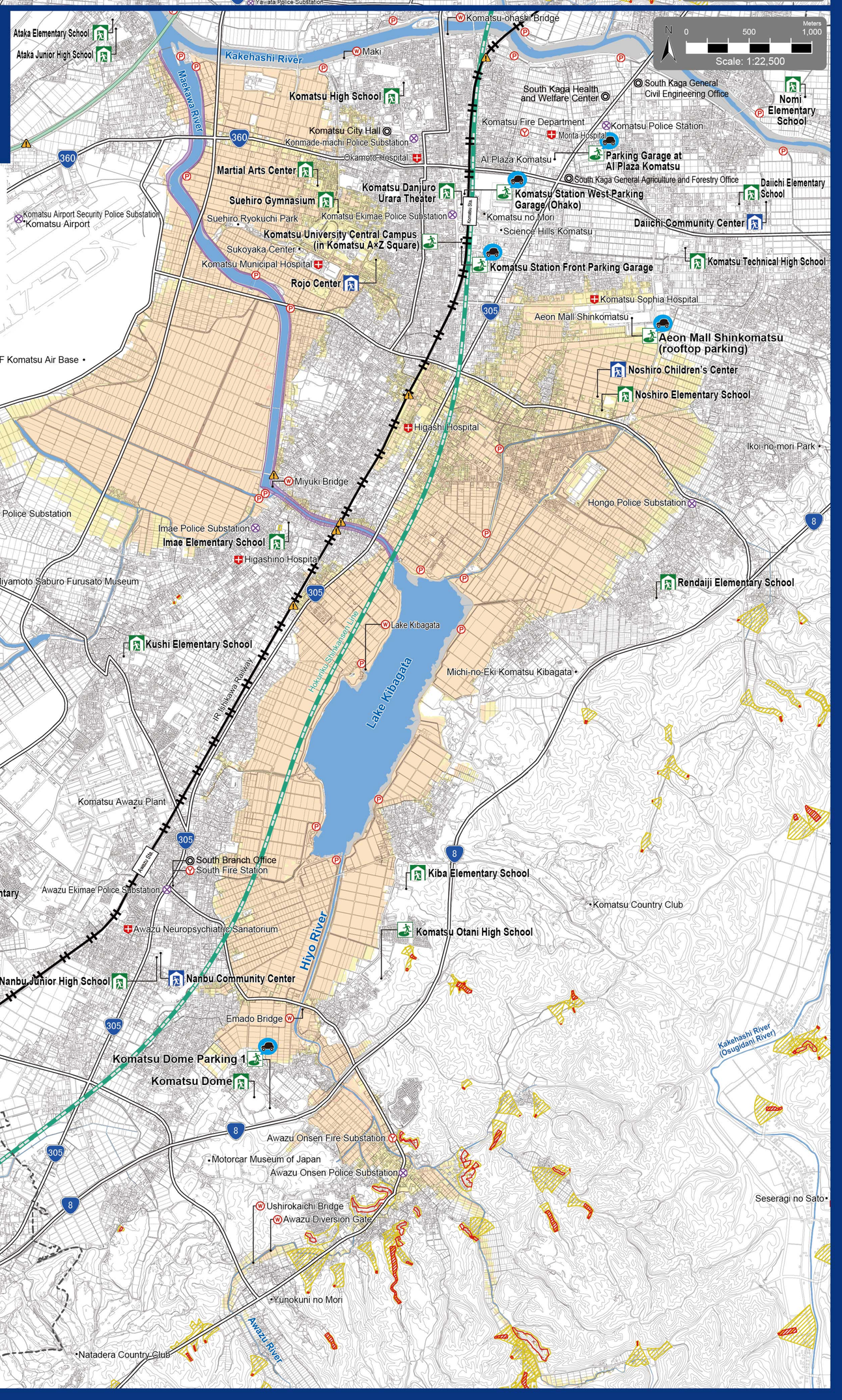
Rivers	Rainfall Conditions
Tedori River	539 mm per 24 hours in the river basin
Nishikawa River, Kumada River	813 mm per 24 hours in the river basin

Note: The target areas have been expanded from the estimated flooding areas shown on the Komatsu City River Flooding Hazard Map created in April 2022. Flooding may occur outside of these estimated flooding areas, and estimated water depth may differ from actual flooding depth.

Earth-and-Rock Disaster (Special) Hazard Zones
Earth-and-rock disaster (special) hazard zones designated by Ishikawa Prefecture are shown on the map. Earth-and-rock disasters may occur outside of these zones shown on this map, depending on rainfall and land conditions.







Rivers Shown on This Map Expected to Flood

Maekawa River, Lake Kibagata, Hiyo River, Awazu River

Target Neighborhoods (Elementary School Districts): Chisho, Rojo, Ataka, Maki, Daiichi, Noshiro, Rendaiji, Mukai-motoori, Imae, Kushi, Hizue, Futsu, Kiba, Awazu, Yatano

Estimated Flooding Areas
The colors on the map indicate flood areas and the maximum water depth there, calculated by overlaying the flood areas estimated based on river overflows as a result of the largest possible rainfall under the conditions shown below, as specified by the national and prefectural governments by May 2023.

Rivers	Rainfall Conditions
Maekawa River	781 mm per 24 hours in the river basin
Lake Kibagata	813 mm per 24 hours in the river basin
Hiyo River, Awazu River	813 mm per 24 hours in the river basin

Note: The target areas have been expanded from the estimated flooding areas shown on the Komatsu City River Flooding Hazard Map created in April 2022. Flooding may occur outside of these estimated flooding areas, and estimated water depth may differ from actual flooding depth.

Earth-and-Rock Disaster (Special) Hazard Zones
Earth-and-rock disaster (special) hazard zones designated by Ishikawa Prefecture are shown on the map. Earth-and-rock disasters may occur outside of these zones shown on this map, depending on rainfall and land conditions.

Key

Estimated Flooding Areas (Estimated Water Levels)
10.0–20.0 m
5.0–10.0 m
3.0–5.0 m
0.5–3.0 m
Less than 0.5 m

Areas Where Flooding Could Cause Building Collapses
Flood Flow
Riverbank Erosion

Earth-and-Rock Disasters
Slope Failure (Steep Slope Collapse)
Debris Flow
Landslide

Designated emergency shelters available during floods
Sites or facilities where safety can be ensured, to keep people safe in the event of an emergency or other urgent risk of disaster.

The car icon indicates designated emergency shelters that accept cars, when evacuating from floods. For details like availability information, please check the Komatsu Disaster Prevention App or other sources.

Designated shelters available during floods or earth-and-rock disasters
Facilities where people can stay temporarily until the disaster risk is gone, or when the disaster prevents them from returning to their homes.

Voluntary shelters
Facilities that people can choose to evacuate to, at early stages (such as if you are feeling worried before official evacuation announcements are made)

- Government office
- Police station/substation (koban)
- Fire station/substation
- Medical institution
- Water level observation station
- Underpass/underground street (May be unusable if flooded)
- Drainage pump station
- Emergency route
- Expressway
- Komatsu City border

Approval by the Director-General of the Geospatial Information Authority of Japan based on the Survey Act (use) R 5JHs 279
This map was prepared with the approval of the mayor of Komatsu City, using the 1/2,500-scale Komatsu City map from the national basic map, published by the city government. (Approval No.: FY2023 Machi-De 133)