Created March 2024

Komatsu City River Flooding Hazard Map

Rivers Shown on This Map Expected to Flood

Kakehashi River, Hatcho River, Nabetani River, Shinbori River (Lake Shibayamagata), Iburibashi River, Kakehashi River (Osugidani River), Gotani River, Nata River

The other side of this map shows the Tedori River, Nishikawa River, Kumada River, Maekawa River, Lake Kibagata, Hiyo River, and Awazu River.

Target Neighborhoods (Elementary School Districts)

Chisho, Rojo, Ataka, Maki, Inumaru, Araya, Nomi, Daiichi, Noshiro, Rendaiji, Mukai-motoori, Imae, Kushi, Hizue, Toryo, Futsu, Kiba, Awazu, Yatano, and Tsukizu

This Komatsu City River Flooding Hazard Map shows information for when rainfall causes rivers to flood, including flooding conditions, areas where earth-and-rock disasters may occur, and evacuation facilities. It is important to understand how your neighborhood, such as your home, school, or workplace, will be affected in the event of a flood, and to make sure you know where to evacuate and how to get there beforehand.
When there is a possibility of flooding, Komatsu City government may announce notices for evacuation of certain groups like elderly people, evacuation of all households, or to take emergency safety measures, depending on the situation. In these cases, follow instructions, and evacuate as soon as possible.

Regularly check hazard maps for disaster risks and evacuation preparations, and proactively participate in disaster drills held by neighborhood associations or other organizations.

N — 0 — 500 — 1,000 Meters — Scale: 1:22,500

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.

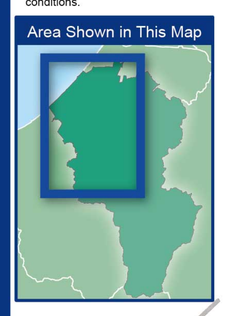
Rivers	Rainfall Conditions
Kakehashi River	350 mm per 9 hours in the river basin
Hatcho River	813 mm per 24 hours in the river basin
Nabetani River	813 mm per 24 hours in the river basin
Shinbori River, Iburibashi River	719 mm per 24 hours in the river basin
Kakehashi River (Osugidani River), Gotani River, Mitsutani River, Nishimata River	813 mm per 24 hours in the river basin
Nata River, Udani River	813 mm per 24 hours in the river basin
Kasukami River	813 mm per 24 hours in the river basin

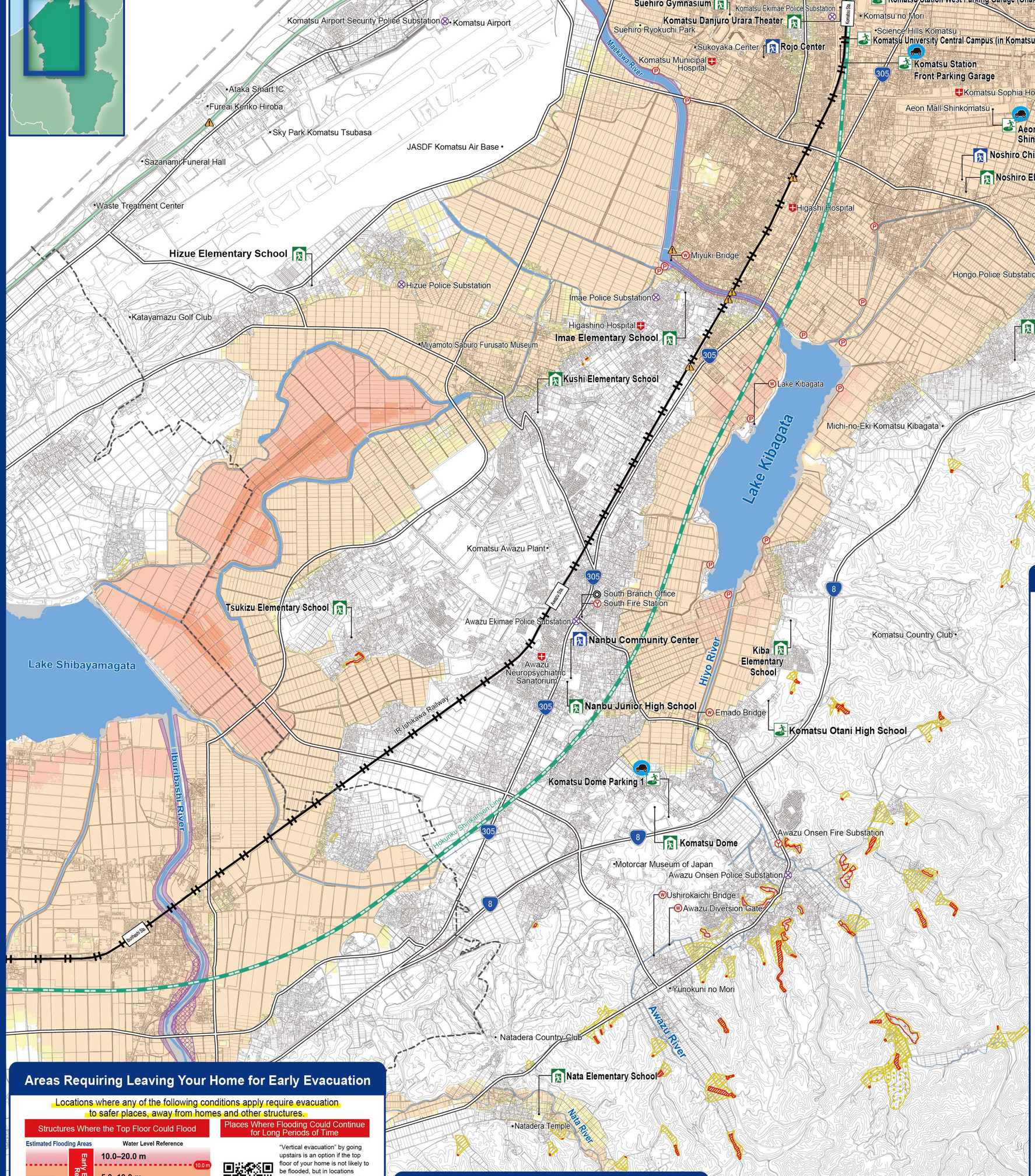
Note: The target areas have been expanded from the estimated flooding areas shown on the Komatsu City River Flooding Hazard Map created in April 2022. Flooding may occur outside of these estimated flooding areas, and estimated water depth may differ from actual flooding depth.

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.

Area Shown in This Map





Digital Version of Flood Hazard Maps

More detailed information about floods, tsunamis, and other water hazards is available on computers and smartphones. Available in multiple languages.

Supported languages: English, Japanese (日本語), Simplified Chinese (中文(简体)), Portuguese (Português), Vietnamese (Tiếng Việt)

Heavy Rainfall on August 4, 2022 (Nakanotogo-machi, Komatsu City)

Learning from Past Floods

The digital version of flood hazard maps can be used to check past flooding, such as the heavy rainfall in August 2022. Learn about the threat of natural disasters, and be prepared for future floods.

https://www.city.komatsu.lg.jp/soshiki/1007/kakushuhaza_domappu/1086.html

In addition to the River Flooding Hazard Map, the following maps are also available

Tsunami Hazard Map, Earth-and-Rock Disaster Map, Earthquake Hazard Map, Inland Flooding Hazard Map (Scheduled to be published in FY2025)

https://www.city.komatsu.lg.jp/soshiki/1007/kakushuhaza_domappu/index.html

Shelters in the Event of Floods or Earth-and-Rock Disasters

As of March 2024

Shelters to be opened will vary depending on the scale and conditions of the disaster. Shelters listed below may not all open; before you evacuate, check with the Komatsu disaster prevention app, Komatsu City official LINE account, etc., for details on shelter openings.
Some of the roads surrounding shelters may flood, so you should evacuate as soon as possible. Disaster conditions may cause prolonged flooding of houses, and/or require leaving your home to evacuate.
For information on shelters outside of this map's coverage area, or more detailed forecasts, check the digital version of flood hazard maps.

Designated Shelters to Be Opened in the Event of Floods or Earth-and-Rock Disasters

*1 Shelters to be opened when flooding is expected
*2 Shelters to be opened when earth-and-rock disasters are expected
*3 Assuming flooding caused by once-in-a-thousand-years super-severe rainfall

Neighborhood (Elementary School District)	Facility Name	Address	Floods *1	Earth-and-Rock Disasters *2	Floors Available during Floods *3
Chisho	Komatsu High School	15 Ninomaru, Marunouchi-machi	○		2nd floor and above
Rojo	Suehiro Gymnasium	72 Suehiro-machi	○		Seating Area
Rojo	Martial Arts Center	104-3 Sakuragi-cho	○		2nd floor and above
Rojo	Komatsu Danjuro Urara Theater	710 Doihara-machi	○		2nd floor and above
Ataka	Ataka Elementary School	5 Atakabayashi, Ataka-machi	○		All
Ataka	Ataka Junior High School	4-112 Atakabayashi, Ataka-machi	○		All
Inumaru	Inumaru Elementary School	Ko-61 Inumaru-machi	○		All
Inumaru	Itazu Junior High School	Hei-8 Matsunashi-machi	○		All
Inumaru	Komatsu Civic Center	Hei-42-3 Oshima-machi	○		All
Araya	Araya Elementary School	Ho-1 Araya-machi	○		All
Nomi	Nomi Elementary School	So-51 Nomi-machi	○		2nd floor and above
Nomi	Komatsu Meiho High School	He-72 Hiraomote-machi	○		2nd floor and above
Daiichi	Daiichi Elementary School	Ha-73-1 Shirae-machi	○		2nd floor and above
Daiichi	Komatsu Technical High School	Hei-67 Uchikoshi-machi	○		2nd floor and above
Noshiro	Noshiro Elementary School	Nu-16-1 Kitaasai-machi	○		2nd floor and above
Rendaiji	Rendaiji Elementary School	Ha-Hei-16 Rendaiji-machi	○	○	All
Imae	Imae Elementary School	6-167 Imae-machi	○		All
Kushi	Kushi Elementary School	Otsu-1-1 Kushi-machi	○		All
Hizue	Hizue Elementary School	Ni-52 Hizue-machi	○		All
Kokufu	Kokufu Elementary School	Tei-40-1 Koda-machi	○	○	All
Kokufu	Kokufu Junior High School	Mi-152-2 Ono-machi	○	○	All
Nakaumi	Nakaumi Junior High School	2-4-1 Karumi-machi	○	○	All
Toryo	Toryo Elementary School	1-41 Nishikarumi-machi	○		All
Toryo	Komatsu Commercial High School	10 Kibogaoka	○		All
Kaneno	Former Kaneno Elementary School	Ne-43 Ono-machi	○	○	All
Kaneno	Shoto Midori Gakuen	Hei-30 Esashi-machi	○	○	3rd floor and above
Futsu	Nanbu Junior High School	Nu-43 Shima-machi	○		All
Kiba	Kiba Elementary School	Wa-1 Kiba-machi	○		All
Awazu	Komatsu Dome	Ho-5 Hayashi-machi	○	○	All
Nata	Nata Elementary School	Yu-54-1 Nata-machi	○	○	All
Tsukizu	Tsukizu Elementary School	Yu-113 Tsukizu-machi	○		All

Designated Emergency Shelters Available During Floods

Neighborhood (Elementary School District)	Facility Name	Address	Cars OK?
Chisho	Parking Garage at Al Plaza Komatsu	Ha-23-1 Sono-machi	○
Rojo	Komatsu University Central Campus (in Komatsu A×Z Square)	10-10 Doihara-machi	
Rojo	Komatsu Station Front Parking Garage	600 Doihara-machi	○
Rojo	Komatsu Station West Parking Garage (Ohako)	740 Doihara-machi	○
Daiichi	Ministry of Land, Infrastructure, Transport and Tourism Komatsu Snow Removal Station Parking	He-no-bu Yawata	○
Nomi	Aeon Komatsu (rooftop parking)	A-69 Hiraomote-machi	○
Noshiro	Aeon Mall Shinkomatsu (rooftop parking)	315 Seiroku-machi	○
Kokufu	Komatsu Dengyo Co. Ltd. Head Office Factory 3 Parking	5-32-1 Kokufudai	○
Awazu	Komatsu Otani High School	Chi-1 Tsubakura-machi	
Yatano	Komatsu Dome Parking 1	Ho-5 Hayashi-machi	○

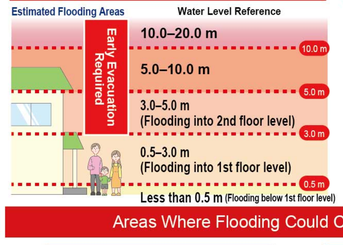
Voluntary Shelters

Neighborhood (Elementary School District)	Facility Name	Address
Rojo	Rojo Center	11 Aioi-machi
Daiichi	Daiichi Community Center	Tsu-108-1 Shirae-machi
Futsu	Nanbu Community Center	Nu-43 Shima-machi
Inumaru	Komatsu Civic Center	Hei-42-3 Oshima-machi
Noshiro	Noshiro Children's Center	1-90-1 Kitaasai-machi

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

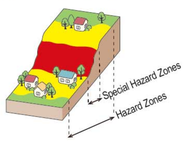
Places where wooden houses may collapse due to flood flows following levee breaches

Riverbank Erosion

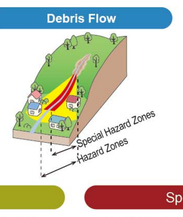
Places where houses may collapse due to riverbank erosion

Earth-and-Rock Disaster (Special) Hazard Zones

Slope Failure (Steep Slope Collapse)



Debris Flow



Landslide

Hazard Zones

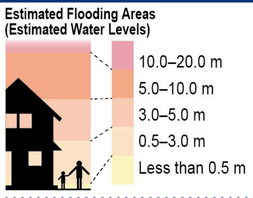
Zones where an earth-and-rock disaster could cause harm or death to any people there. Hazards are made known to the public, and warning and evacuation systems are put in place in these zones.

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.

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

Emergency Contacts

Firefighters 119

Police 110

Komatsu City Hall
0761-22-4111

Other Disaster Safety Information

River Water Level Status
(MLIT Disaster Information for River Website)

Shows locations of water level gauges and live camera feeds.

Facilities for People Requiring Special Care
(Komatsu City Website)

Facilities for use by people with special needs in the event of a disaster.

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)