

Flood and Landslide Disaster Hazard Map ① (This is a regional flood inundation area map of the maximum expected rainfall said to fall about once every 1,000 years)

- City Hall
- Fire department
- Fuku's Delicious Water (spring water)
- Police station
- Emergency hospital
- Designated evacuation shelters
- Welfare Evacuation Shelters

- Rainfall observatory
- Water level monitoring station
- River surveillance camera
- Critical flood control areas
- Potential inundation water pooling areas
- Landslide disaster special warning areas (collapse of steep terrain)
- Landslide disaster warning areas (collapse of steep terrain)
- Landslide disaster special warning areas (rockslide)
- Landslide disaster warning areas (rockslide)
- Landslide disaster warning areas (landslide)
- Avalanche-prone locations

0 500 1,000m
1:25,000

This hazard map shows the regions at risk of flooding or landslides. Check for disaster risks in your home by referring to the instructions on how to read the hazard map on page 1 of this booklet, and check what actions you need to take in the event of a disaster.

Potential Flood Inundation Area Map
Based on the Flood Control Act, this map shows the following information for rivers that are forecast to flood and rivers for which knowledge of their water levels is well established: the areas and depth of potential inundation; the duration of inundation; and potential flood zones where homes could be destroyed.

Flood Risk Map
This map shows the areas of potential inundation and the (estimated) depth of inundation in the event of a flood for rivers other than those forecast to flood or rivers for which knowledge of their water levels is not well established.

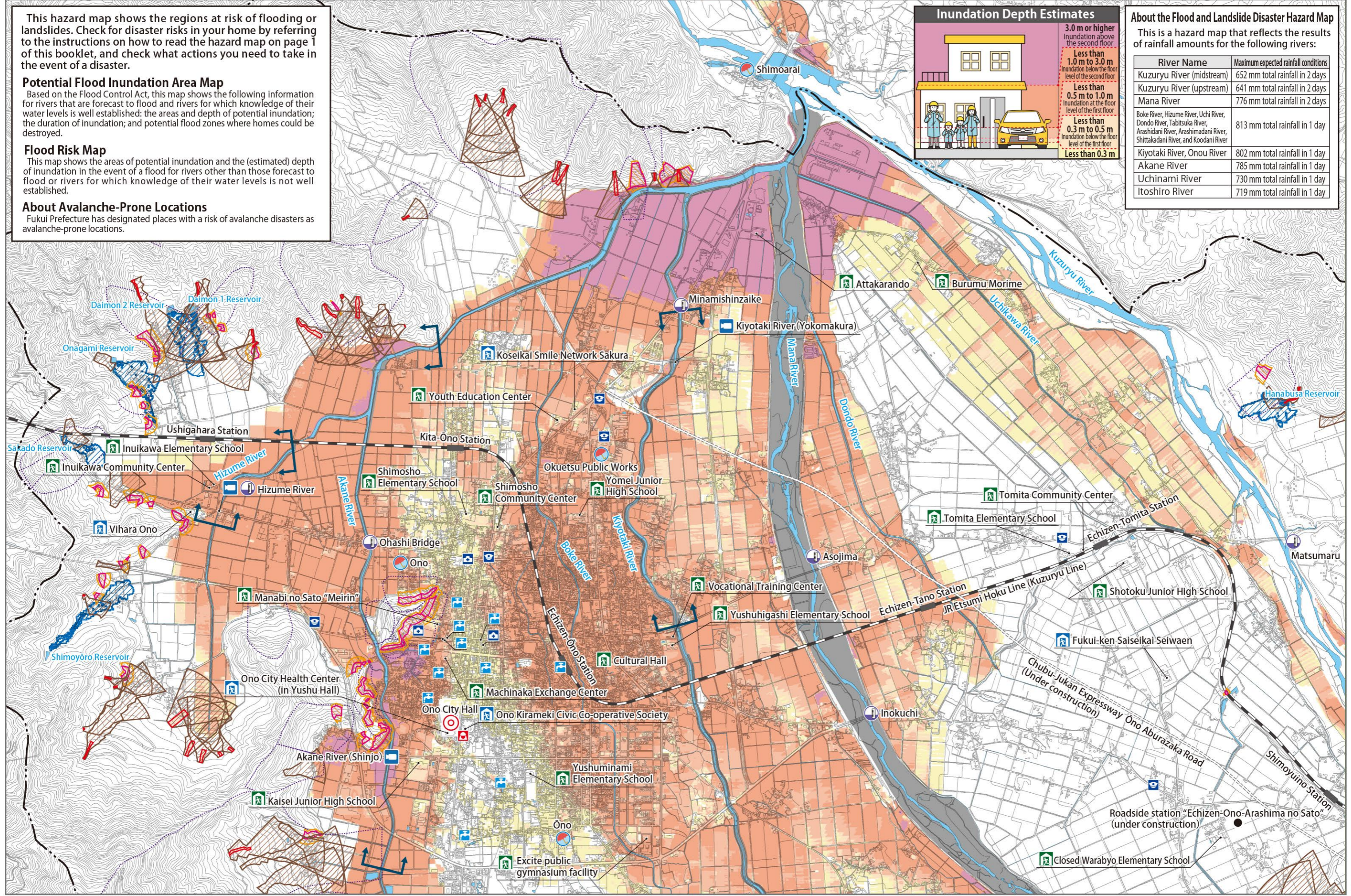
About Avalanche-Prone Locations
Fukui Prefecture has designated places with a risk of avalanche disasters as avalanche-prone locations.

Inundation Depth Estimates

- 3.0 m or higher
Inundation above the second floor
- Less than 1.0 m to 3.0 m
Inundation below the floor level of the second floor
- Less than 0.5 m to 1.0 m
Inundation at the floor level of the first floor
- Less than 0.3 m to 0.5 m
Inundation below the floor level of the first floor
- Less than 0.3 m

About the Flood and Landslide Disaster Hazard Map
This is a hazard map that reflects the results of rainfall amounts for the following rivers:

River Name	Maximum expected rainfall conditions
Kuzuryu River (midstream)	652 mm total rainfall in 2 days
Kuzuryu River (upstream)	641 mm total rainfall in 2 days
Mana River	776 mm total rainfall in 2 days
Boke River, Hizume River, Uchi River, Dondo River, Tabitsuka River, Arashidani River, Arashimadani River, Shittakadani River, and Koodani River	813 mm total rainfall in 1 day
Kiyotaki River, Onou River	802 mm total rainfall in 1 day
Akane River	785 mm total rainfall in 1 day
Uchinami River	730 mm total rainfall in 1 day
Itoshiro River	719 mm total rainfall in 1 day

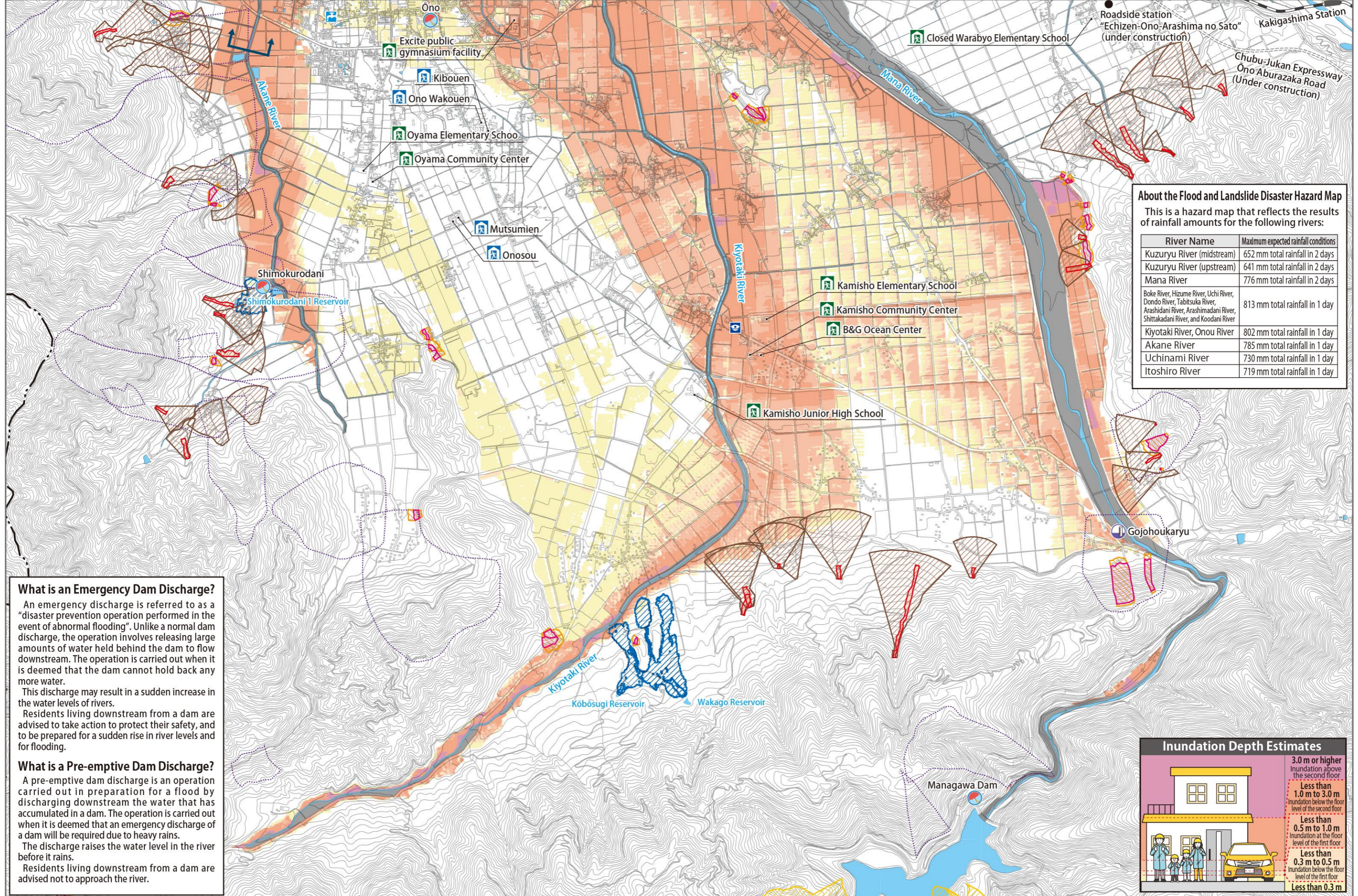


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What is an Emergency Dam Discharge?

An emergency discharge is referred to as a "disaster prevention operation performed in the event of abnormal flooding". Unlike a normal dam discharge, the operation involves releasing large amounts of water held behind the dam to flow downstream. The operation is carried out when it is deemed that the dam cannot hold back any more water.

This discharge may result in a sudden increase in the water levels of rivers.

Residents living downstream from a dam are advised to take action to protect their safety, and to be prepared for a sudden rise in river levels and for flooding.

What is a Pre-emptive Dam Discharge?

A pre-emptive dam discharge is an operation carried out in preparation for a flood by discharging downstream the water that has accumulated in a dam. The operation is carried out when it is deemed that an emergency discharge of a dam will be required due to heavy rains.

The discharge raises the water level in the river before it rains.

Residents living downstream from a dam are advised not to approach the river.

Inundation Depth Estimates

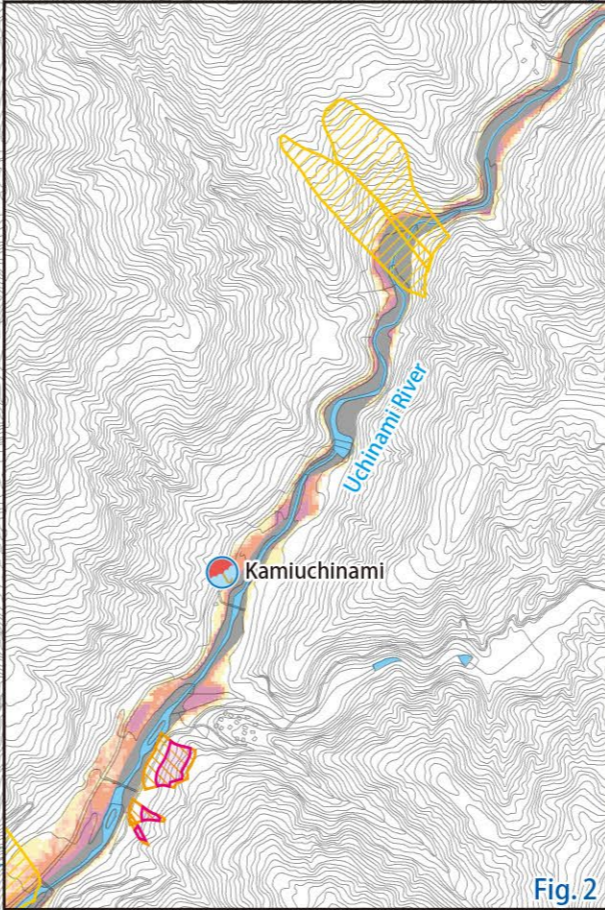
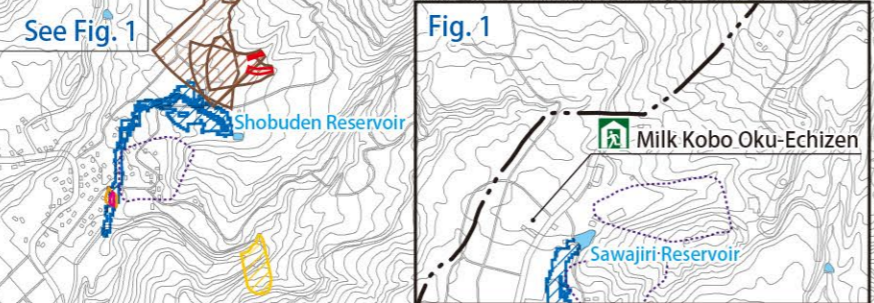
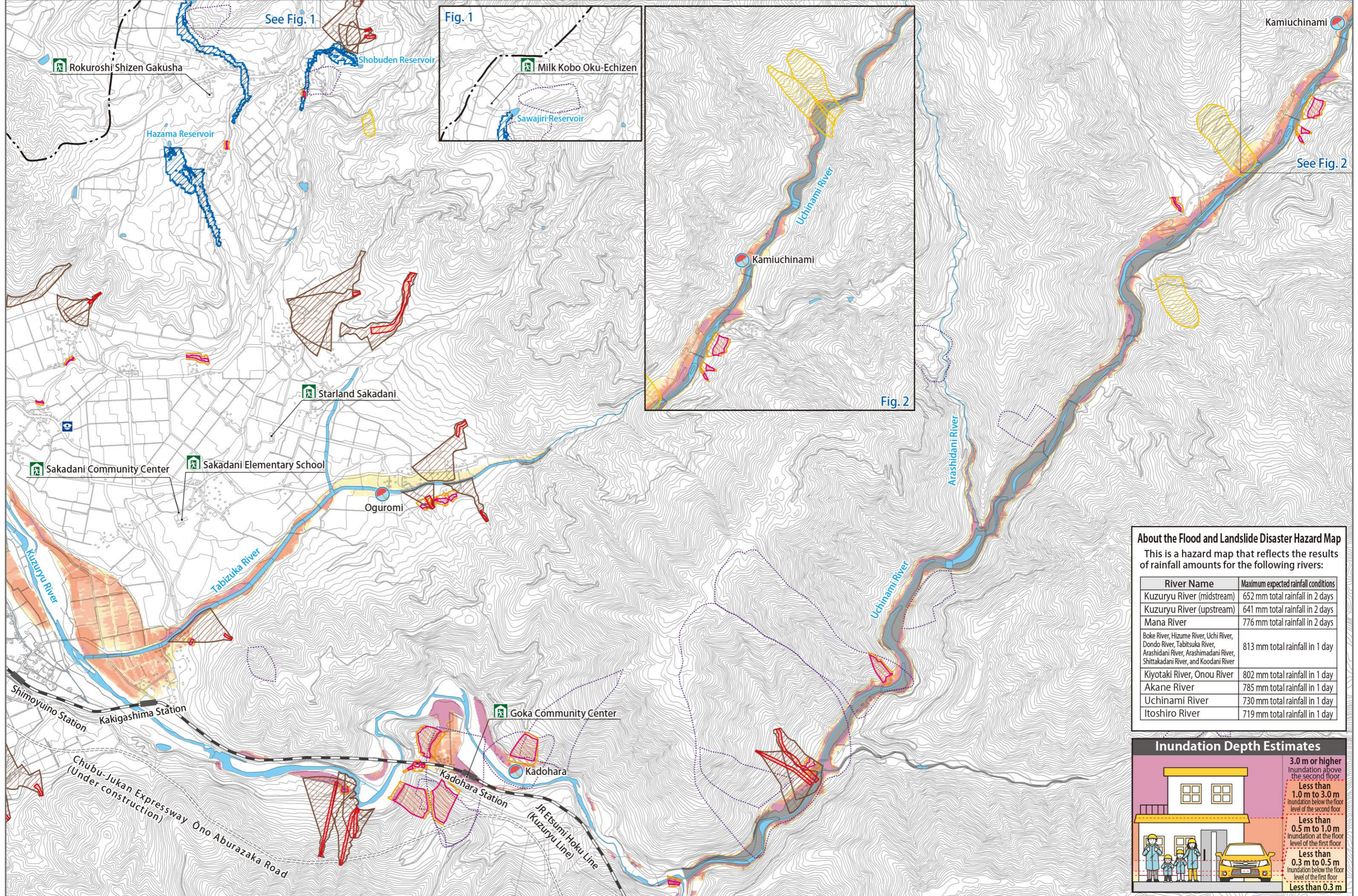
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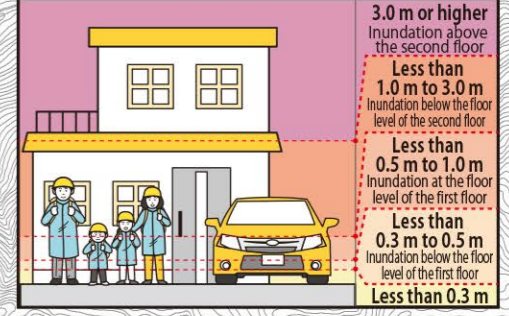


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The discharge raises the water level in the river before it rains.
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About Emergency Warnings/Warnings/Advisories for Snow

Special Heavy Snow Warning
When the danger of a serious disaster is significantly increased
When heavy snowfall is expected that is of an amount that only falls once every few decades

Heavy Snow Warning
When a serious disaster is expected to occur due to heavy snow
When the depth of snow after 12 hours of snowfall is expected to exceed 45 cm

Heavy Snow Advisory
When a disaster is expected to occur due to heavy snow
When the depth of snow after 12 hours of snowfall is expected to exceed 25 cm

Avalanche Advisory
When a disaster is expected to occur due to an avalanche
When the depth of snowfall in a 24-hour period is 50 cm or more, or the depth of the fallen snow is more than 100 cm and the maximum temperature is expected to be 10°C or warmer

