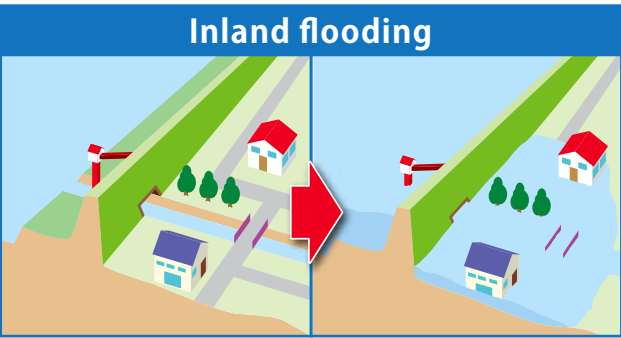
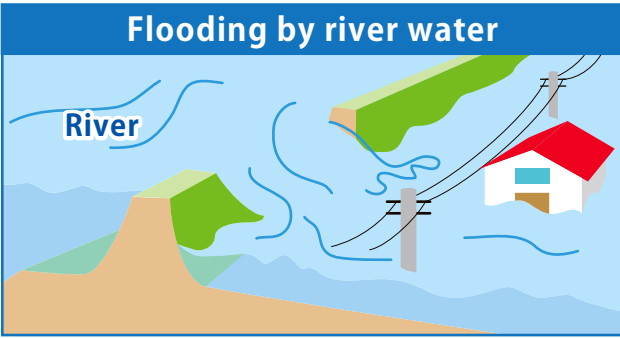


# 3-1 Flooding in Higashiomi City

## Flooding caused by heavy rain



Heavy rainfall will prevent drainage to sewers and waterways. Overflow of this is called inland flooding.



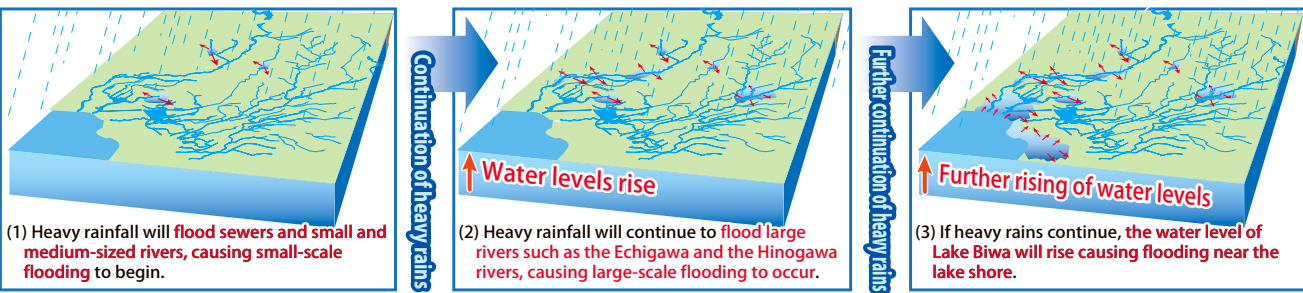
This is a phenomenon in which a river level is greatly increased because of heavy rain, and water will overflow the embankment because of a collapse of the embankment. This is called flooding by river water.

## Flooding in the city

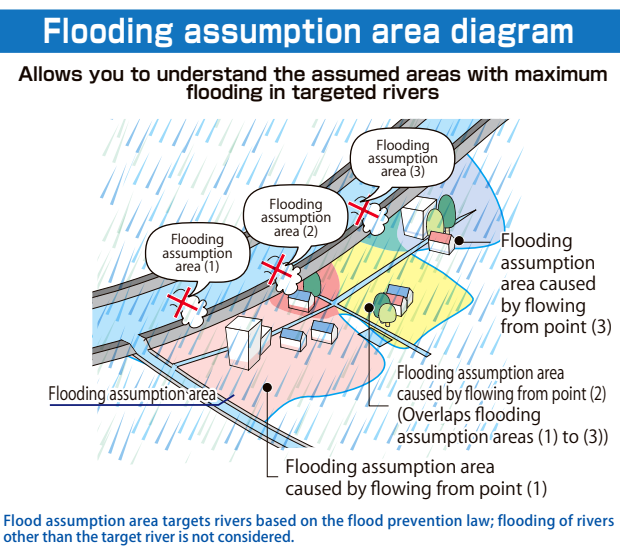
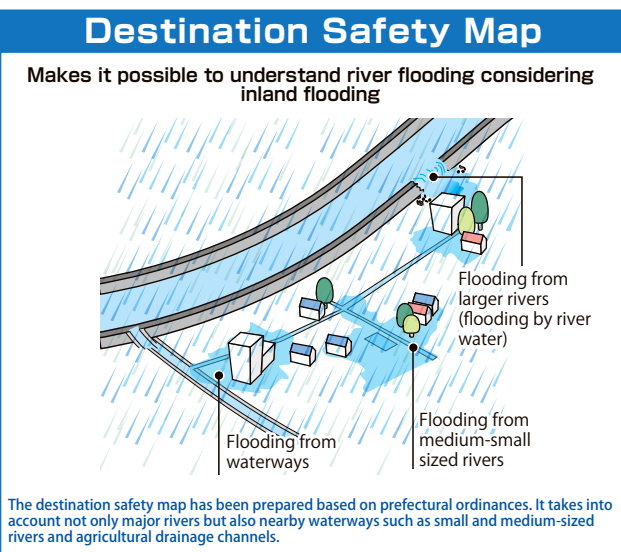


In addition to large rivers such as the Echigawa and the Hinogawa rivers, there are many small and medium-sized rivers flowing into Lake Biwa. Many of the rivers that drain into Lake Biwa are short and have steep gradients, and are prone to temporary flooding. Dirt and sand carried from the mountains causes a higher river bed and a higher water level than the surrounding ground level. For that reason, it is assumed that in the unlikely event of a collapse of an embankment, there could be enormous damage. This hazard map simulates flooding results implemented by the government and local prefecture. It is best to learn in advance the kinds of hazards that are possible in the event of heavy rain and be prepared in times of emergency.

## Views of flooding, rivers and Lake Biwa



## The difference between the safety map of the destination and the assumed flooding area map



## The safety map of the destination

