

Map of Areas With Risk of Flooding Due to Overflow of the Tsurumi, Onda, and Shinkoji Rivers of the Tsurumi River System (building collapse due to overflow)

1. About this map

(1) This map shows the areas where flooding powerful enough to collapse buildings may occur for sections subject to water-level notification of the Tsurumi, Onda, and Shinkoji rivers of the Tsurumi River system.

(2) This river flood risk map uses a simulation to show inundation that can occur due to overflow of the Tsurumi, Onda, and Shinkoji rivers resulting from the maximum assumed rainfall. The simulation is based on the situation of the river channels and flood control facilities as of the time of the map's publication.

(3) Because the simulation does not take into account flooding of tributaries or flooding caused by rainfall greater than the assumed level, by a storm surge, or by runoff of rainwater, buildings may collapse or be washed away in areas other than those designated on this river flood risk map.

(4) Calculations for this river flood risk map (building collapse due to overflow) were based on certain assumptions, including those listed in (3). Also, buildings were assumed to be standard wooden structures on spread foundation, and land along the rivers was assumed to be vacant with no buildings. Therefore, it should be noted that the risk area boundaries do not accurately delineate areas with and without risk and that the data should only be used as a guide.

2. Basic information

(1) Map created by the Tokyo Metropolitan Government

(2) Risk areas designated on October 17, 2018

(3) Released as TMG announcement No.1435

(4) Designation made based on Article 14, paragraph 1 of the Flood Control Act (Act No. 193 of 1949)

(5) Rivers subject to water-level notification covered by this map
 Tsurumi River of the Tsurumi River system (The water-level notification section is shown in the table below.)
 Onda River of the Tsurumi River system (The water-level notification section is shown in the table below.)
 Shinkoji River of the Tsurumi River system (The water-level notification section is shown in the table below.)

(6) Assumed rainfall
 Up to 163mm per hour
 Total: 792mm (Daily rainfall : 772mm)

[Inquiries]
 Disaster Prevention Section, River Division, Bureau of Construction, Tokyo Metropolitan Government
 Main Phone: 03-5321-1111

In the targeted water level well-known section, there is no house collapse risk area in terms (flood inundation).

