Map of Areas With Risk of building collapse due to overflow of the Sumida River and Shingashi River Basin

1. About this map

(1) This map shows the areas where flooding powerful enough to collapse buildings may occur for sections Sumida River and Shingashi River Basin.

(2) This river flood risk map uses a simulation to show inundation that can occur due to overflow of the the Sumida River and Shingashi River Basin 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

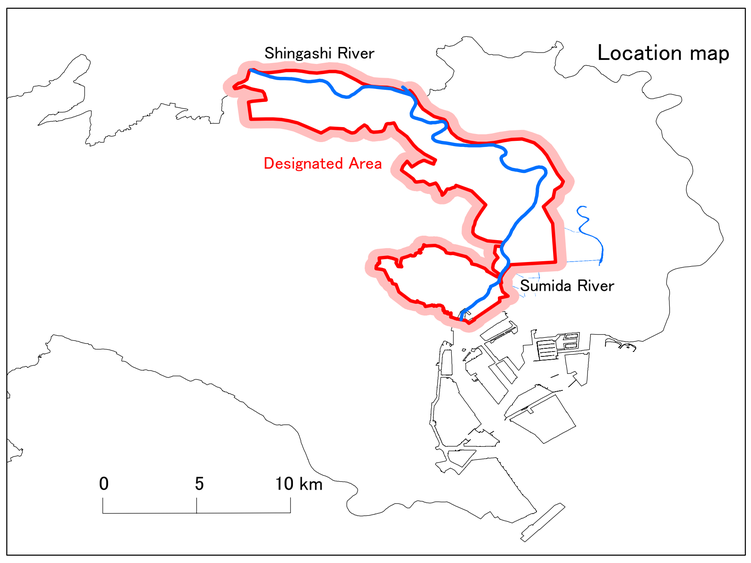
(1) Map created by the Tokyo Metropolitan Government

(2) Map created on March 30, 2021

(3) Rivers covered
Arakawa River system (Sumida, Shingashi rivers)
Areas where rainwater is directly discharge into the ocean.

(4) Assumed rainfall
Up to 153mm per hour and 690mm in 24 hours in the Sumida River and Shingashi River Basin

(5) Relevant wards
Chiyoda-ku, Chuo-ku, Minato-City, Shinjuku-ku, Bunkyo-ku, Taito-ku, Sumida-ku, Koto-ku, Toshima-ku, Kita-ku, Arakawa-ku, Itabashi-City, Nerima-ku, Adachi-ku



[Inquiries]

Tokyo Metropolitan Government
(Planning Section,
River Division, Bureau of Construction) 03-5321-111

Tokyo Metropolitan Government
(Disaster Prevention Section,
River Division, Bureau of Construction) 03-5321-111

この赤色破線内に凡例に示す「氾濫流による家屋倒壊等危険区域」を表示しています。
※赤色破線内全体が家屋倒壊危険区域に該当するという意味ではありません。

Legend
Area with risk of building collapse due to river overflow

Designated Area
Prefectural boundary
Administrative boundary
500 0 500 1000 1500 2000 m

This map was created using a 1:2500 topographic map of Tokyo.
(Approval number) toshikikou-562