

Suita City Flood Hazard Map

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Legend of facilities etc.

- Designated emergency evacuation shelters (flooding & landslide disaster)
- Fire stations & outposts
- City Hall and city government outposts
- Disaster-prevention administrative wireless system (loudspeakers)
- Buildings for evacuation in the event of tsunami & floods
- Underground passages
- National roads
- Prefectural roads
- Expressways
- Railways & monorails

Estimated flood and inundation districts

- Area where area where flood hazard is expected as overlaid
- 10.0 m or more
 - 5.0 - less than 10.0 m
 - 3.0 - less than 5.0 m
 - 1.0 - less than 3.0 m
 - 0.5 - less than 1.0 m
 - 0.3 - less than 0.5 m
 - Less than 0.3 m

Inundation depth guidelines

- 3.0 m or more
- 1.0 - less than 3.0 m
- 0.5 - less than 1.0 m
- 0.3 - less than 0.5 m
- Less than 0.3 m

Landslide disaster (special) warning districts

- Collapse of steep slopes
- Landslide disaster special warning districts
- Landslide disaster warning districts



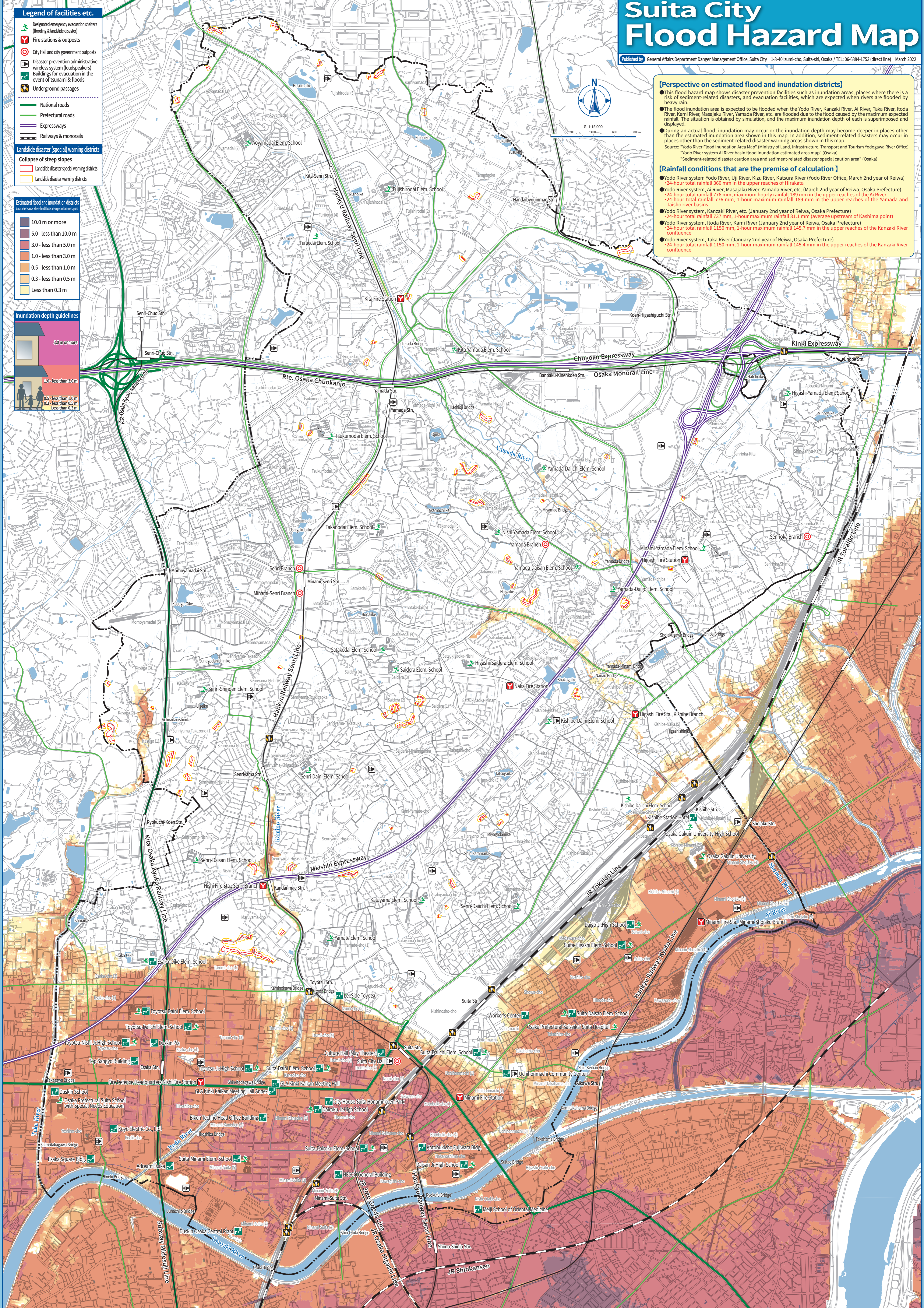
[Perspective on estimated flood and inundation districts]

- This flood hazard map shows disaster prevention facilities such as inundation areas, places where there is a risk of sediment-related disasters, and evacuation facilities, which are expected when rivers are flooded by heavy rain.
- The flood inundation area is expected to be flooded when the Yodo River, Kanazaki River, Ai River, Taka River, Itoda River, Kami River, Masajuku River, Yamada River, etc. are flooded due to the flood caused by the maximum expected rainfall. The situation is obtained by simulation, and the maximum inundation depth of each is superimposed and displayed.
- During an actual flood, inundation may occur or the inundation depth may become deeper in places other than the estimated inundation area shown in this map. In addition, sediment-related disasters may occur in places other than the sediment-related disaster warning areas shown in this map.

Source: "Yodo River Flood Inundation Area Map" (Ministry of Land, Infrastructure, Transport and Tourism/Yodogawa River Office)
 "Yodo River system AI River basin flood inundation estimated area map" (Osaka)
 "Sediment-related disaster caution area and sediment-related disaster special caution area" (Osaka)

[Rainfall conditions that are the premise of calculation]

- Yodo River system Yodo River, Uji River, Kizu River, Katsura River (Yodo River Office, March 2nd year of Reiwa)
 *24-hour total rainfall 360 mm in the upper reaches of Hirakata
- Yodo River system, Ai River, Masajuku River, Yamada River, etc. (March 2nd year of Reiwa, Osaka Prefecture)
 *24-hour total rainfall 776 mm, maximum hourly rainfall 189 mm in the upper reaches of the Ai River
 *1-hour maximum rainfall 189 mm in the upper reaches of the Yamada and Taisho river basins
- Yodo River system, Kanazaki River, etc. (January 2nd year of Reiwa, Osaka Prefecture)
 *24-hour total rainfall 737 mm, 1-hour maximum rainfall 81.1 mm (average upstream of Kashima point)
- Yodo River system, Itoda River, Kami River (January 2nd year of Reiwa, Osaka Prefecture)
 *24-hour total rainfall 1150 mm, 1-hour maximum rainfall 145.7 mm in the upper reaches of the Kanazaki River confluence
- Yodo River system, Taka River (January 2nd year of Reiwa, Osaka Prefecture)
 *24-hour total rainfall 1150 mm, 1-hour maximum rainfall 145.4 mm in the upper reaches of the Kanazaki River confluence



In creating this map, we used the basic map information issued by the Geospatial Information Authority of Japan with the approval of the director of the Geographical Survey Institute. (Approved by the Director of the Geographical Survey Institute based on the survey method (use) R 3.Hs 885)