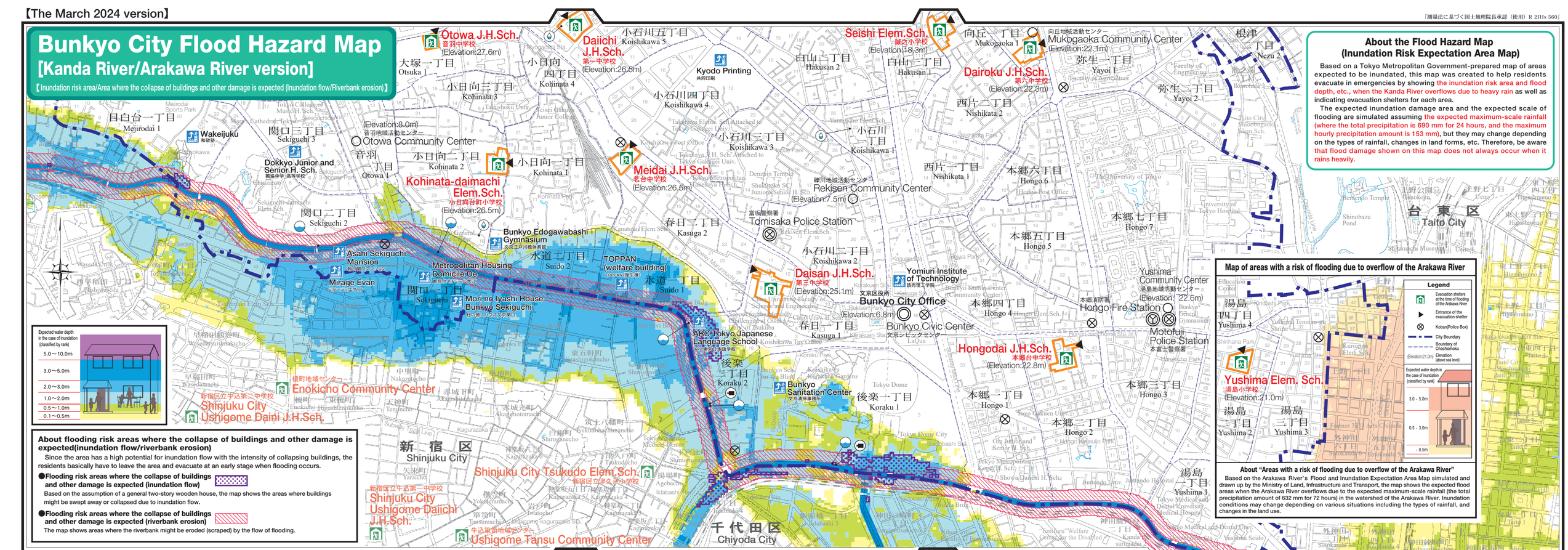
【The March 2024 version】

「測量法に基づく国土地理院長承認（使用）R 2JHs 560」

Bunkyo City Flood Hazard Map
[Kanda River/Arakawa River version]

【Inundation risk area/Area where the collapse of buildings and other damage is expected (Inundation flow/Riverbank erosion)】



Expected water depth in the case of inundation (classified by rank)
- 5.0～10.0m
- 3.0～5.0m
- 2.0～3.0m
- 1.0～2.0m
- 0.5～1.0m
- 0.1～0.5m

About flooding risk areas where the collapse of buildings and other damage is expected(inundation flow/riverbank erosion)

Since the area has a high potential for inundation flow with the intensity of collapsing buildings, the residents basically have to leave the area and evacuate at an early stage when flooding occurs.

●**Flooding risk areas where the collapse of buildings and other damage is expected (inundation flow)**

Based on the assumption of a general two-story wooden house, the map shows the areas where buildings might be swept away or collapsed due to inundation flow.

●**Flooding risk areas where the collapse of buildings and other damage is expected (riverbank erosion)**

The map shows areas where the riverbank might be eroded (scraped) by the flow of flooding.

About the Flood Hazard Map (Inundation Risk Expectation Area Map)

Based on a Tokyo Metropolitan Government-prepared map of areas expected to be inundated, this map was created to help residents evacuate in emergencies by showing the inundation risk area and flood depth, etc., when the Kanda River overflows due to heavy rain as well as indicating evacuation shelters for each area.

The expected inundation damage area and the expected scale of flooding are simulated assuming the expected maximum-scale rainfall (where the total precipitation is 690 mm for 24 hours, and the maximum hourly precipitation amount is 153 mm), but they may change depending on the types of rainfall, changes in land forms, etc. Therefore, be aware that flood damage shown on this map does not always occur when it rains heavily.

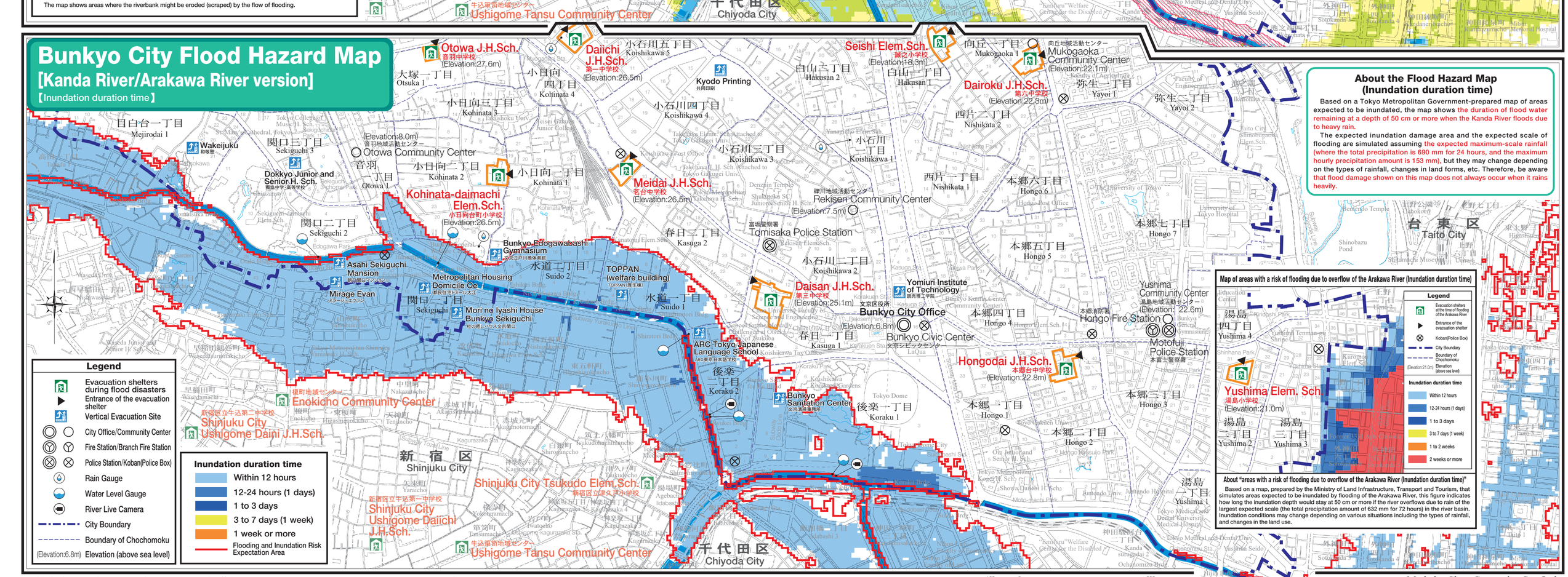
Map of areas with a risk of flooding due to overflow of the Arakawa River

About "Areas with a risk of flooding due to overflow of the Arakawa River"

Based on the Arakawa River's Flood and Inundation Expectation Area Map simulated and drawn up by the Ministry of Land, Infrastructure and Transport, the map shows the expected flood areas when the Arakawa River overflows due to the expected maximum-scale rainfall (the total precipitation amount of 632 mm for 72 hours) in the watershed of the Arakawa River. Inundation conditions may change depending on various situations including the types of rainfall, and changes in the land use.

Bunkyo City Flood Hazard Map
[Kanda River/Arakawa River version]

【Inundation duration time】



Legend

- Evacuation shelters during flood disasters
- Entrance of the evacuation shelter
- Vertical Evacuation Site
- City Office/Community Center
- Fire Station/Branch Fire Station
- Police Station/Koban(Police Box)
- Rain Gauge
- Water Level Gauge
- River Live Camera
- City Boundary
- Boundary of Chochomoku
- (Elevation:6.8m) Elevation (above sea level)

Inundation duration time

- Within 12 hours
- 12-24 hours (1 days)
- 1 to 3 days
- 3 to 7 days (1 week)
- 1 week or more
- Flooding and Inundation Risk Expectation Area

About the Flood Hazard Map (Inundation duration time)

Based on a Tokyo Metropolitan Government-prepared map of areas expected to be inundated, the map shows the duration of flood water remaining at a depth of 50 cm or more when the Kanda River floods due to heavy rain.

The expected inundation damage area and the expected scale of flooding are simulated assuming the expected maximum-scale rainfall (where the total precipitation is 690 mm for 24 hours, and the maximum hourly precipitation amount is 153 mm), but they may change depending on the types of rainfall, changes in land forms, etc. Therefore, be aware that flood damage shown on this map does not always occur when it rains heavily.

Map of areas with a risk of flooding due to overflow of the Arakawa River (Inundation duration time)

About "areas with a risk of flooding due to overflow of the Arakawa River (Inundation duration time)"

Based on a map, prepared by the Ministry of Land Infrastructure, Transport and Tourism, that simulates areas expected to be inundated by flooding of the Arakawa River, this figure indicates how long the inundation depth would stay at 50 cm or more if the river overflows due to rain of the largest expected scale (the total precipitation amount of 632 mm for 72 hours) in the river basin. Inundation conditions may change depending on various situations including the types of rainfall, and changes in the land use.

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1 : 10,000 100m 0 500m

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