

Edogawa River Flood Hazard Map (Northern)

Flood

Concerning flooding conditions assumed for the Edogawa River

Flooding of the Edogawa River is assumed when heavy rain falls in the basin and the Edogawa River overflows. The expected maximum rainfall is 491 mm in 72 hours in the Tone River basin and upstream of Yattajima.

The inundation range and inundation depth on this map are based on the prediction results in the event of a flood, and assume the maximum situation by superimposing the inundation area and inundation depth due to all the assumed levee break points of the Edogawa River.

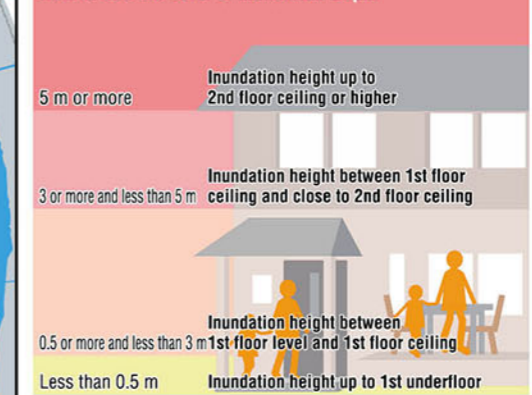


Assumed Inundation Situation

Since the Edogawa River is adjacent to the town, if the river overflows, it is expected that the area along the river will be flooded instantly, and the area east of the Nakagawa River will be flooded in about two hours.

Approximate Expected Inundation Depth

How to See the Color of Inundation Depth

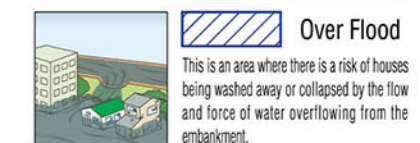


Legend

Inundation Depth Classification

- 5.0 or more and less than 10.0 m
- 3.0 or more and less than 5.0 m
- 0.5 or more and less than 3.0 m
- Less than 0.5 m

Assumed Area of Building Collapse and Flood



Designated Emergency Evacuation Site and Designated Evacuation Shelter (available on the 1st floor and above)

Designated Emergency Evacuation Site and Designated Evacuation Shelter (available on the 2nd floor and above)

Designated Emergency Evacuation Site (conditions apply)

Landslide Disaster (Special) Caution Zone Designated Place

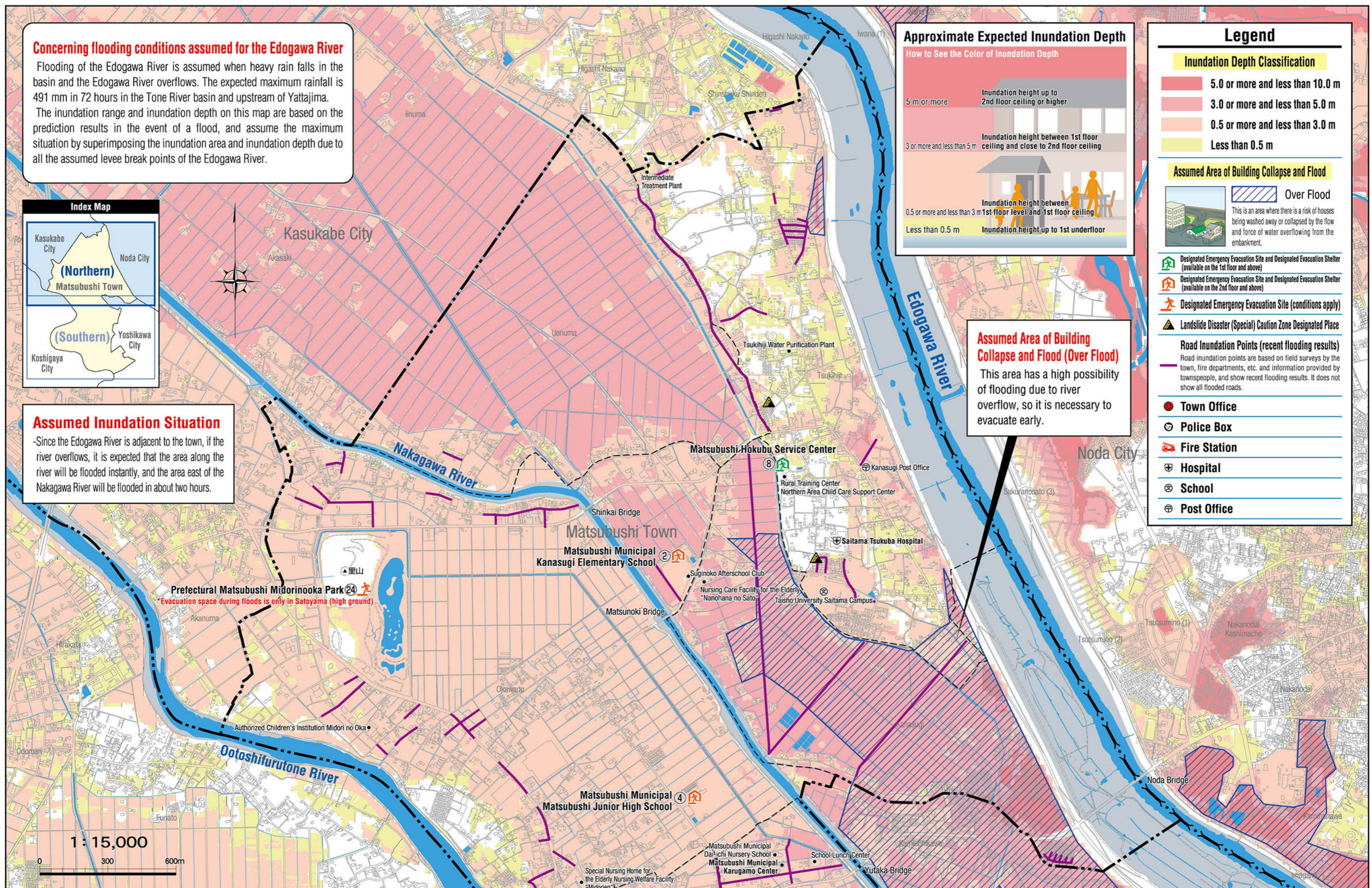
Road Inundation Points (recent flooding results)

Road inundation points are based on field surveys by the town, fire departments, etc. and information provided by townspeople, and show recent flooding results. It does not show all flooded roads.

- Town Office
- Police Box
- Fire Station
- Hospital
- School
- Post Office

Assumed Area of Building Collapse and Flood (Over Flood)

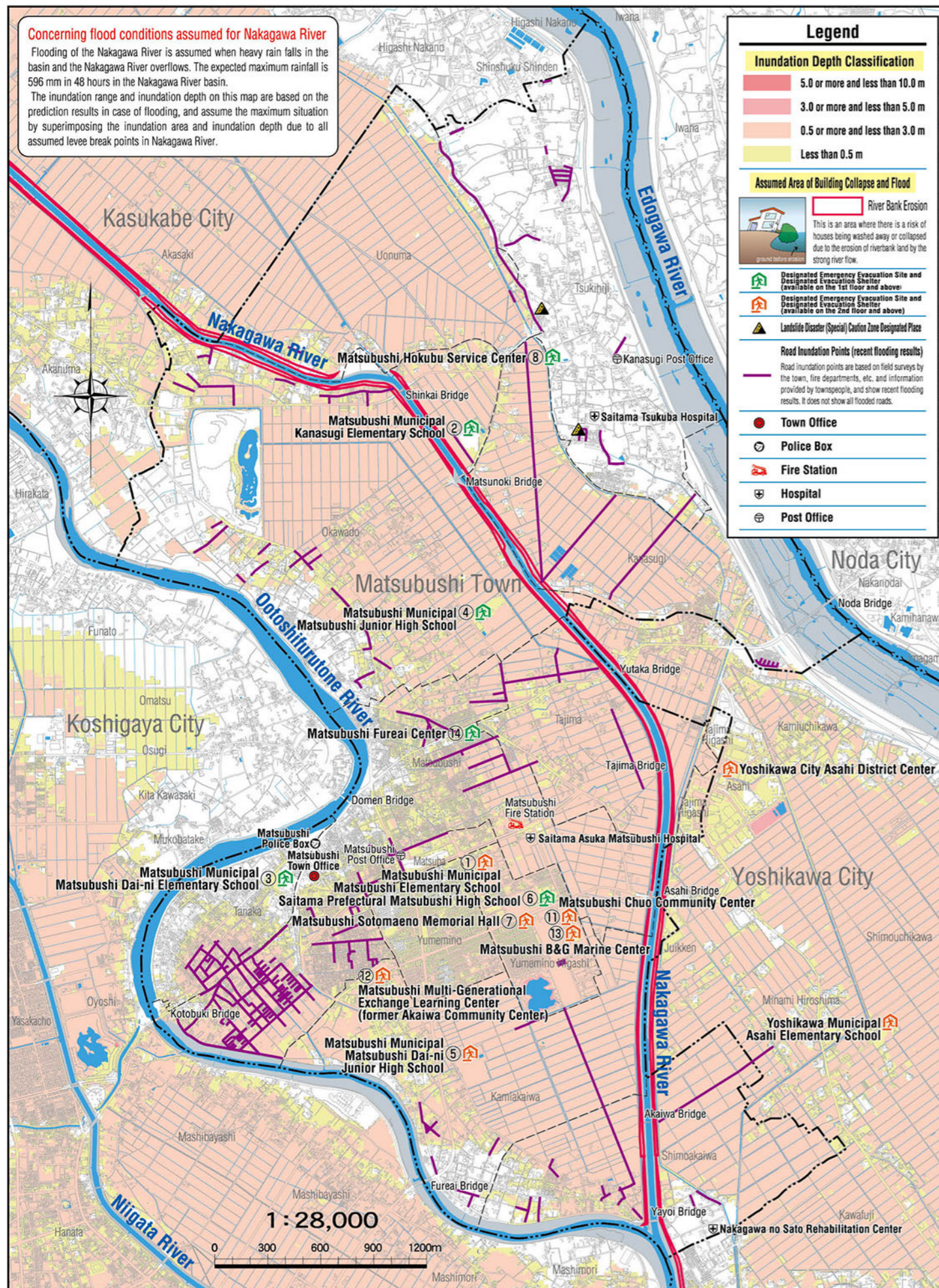
This area has a high possibility of flooding due to river overflow, so it is necessary to evacuate early.



Flood

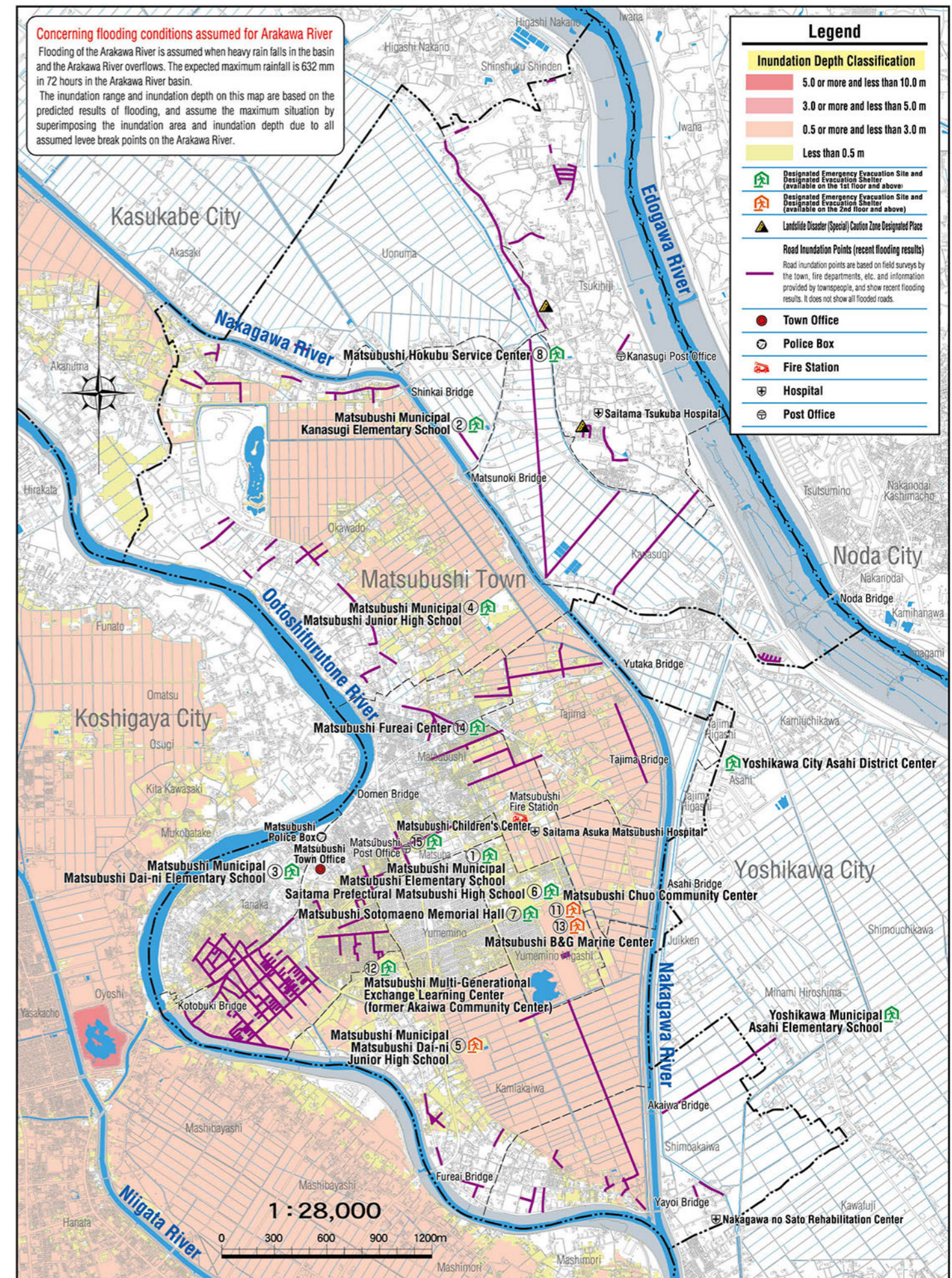


Nakagawa River Flood Hazard Map

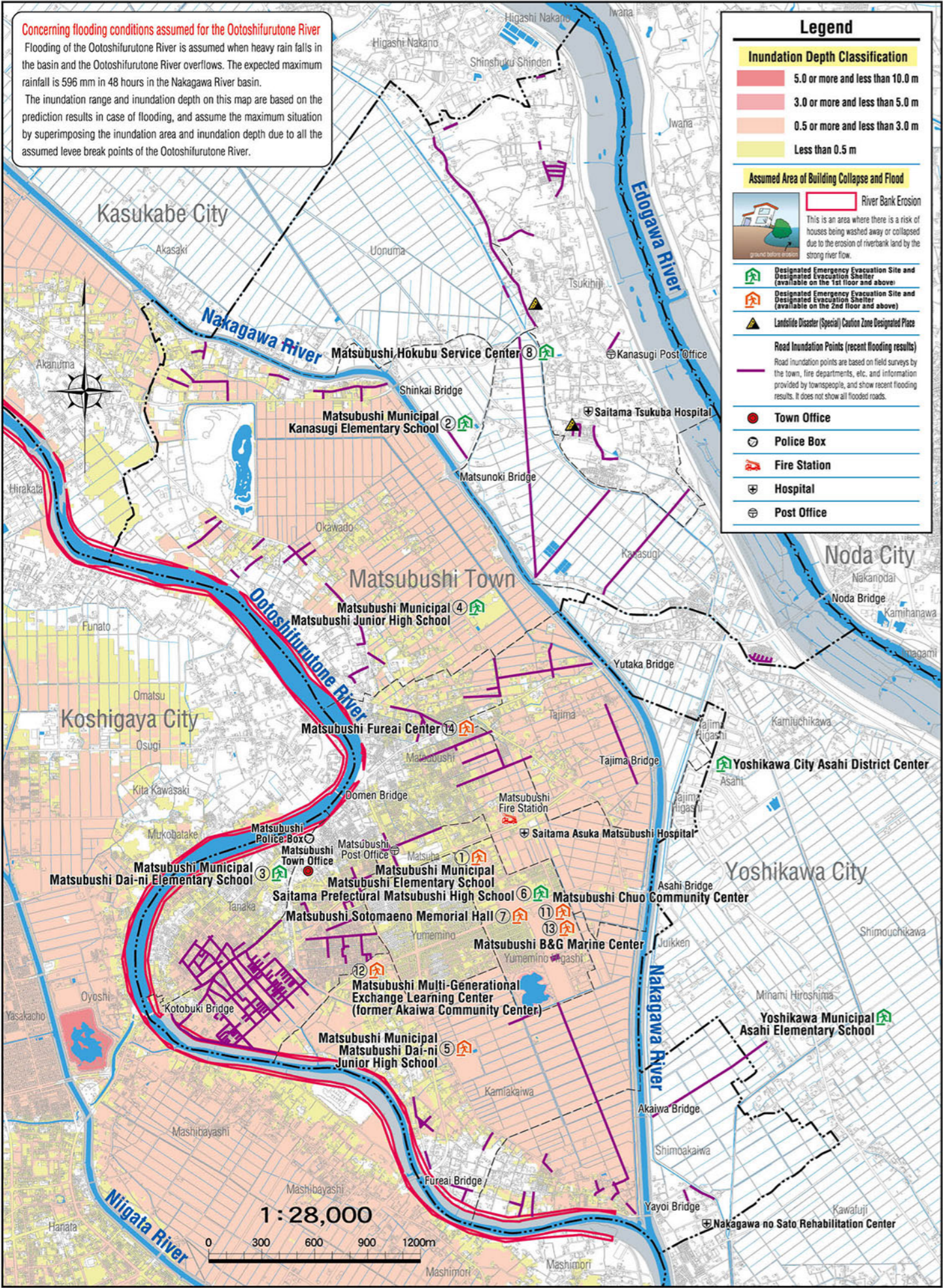


Arakawa River Flood Hazard Map

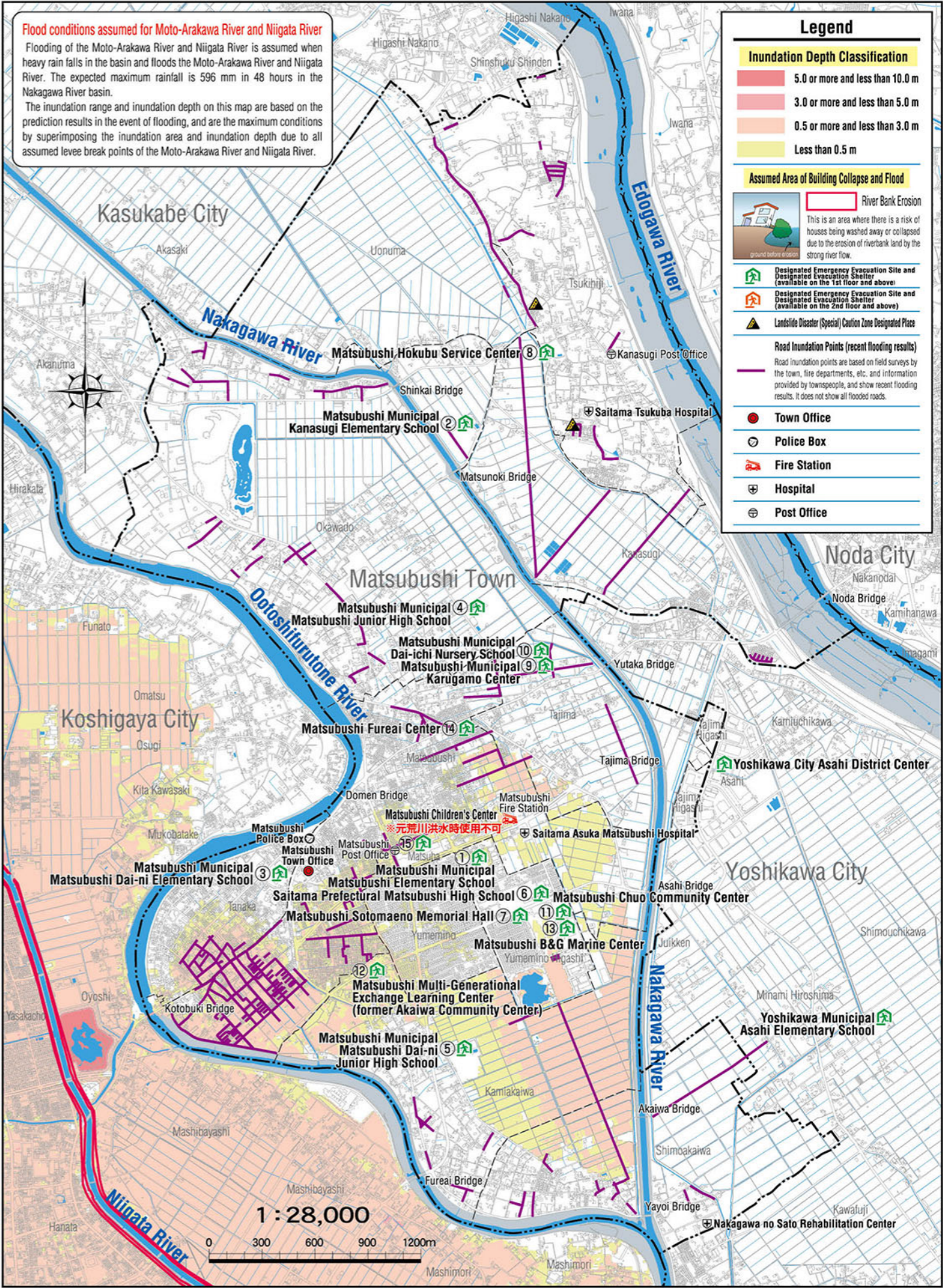
Once the Arakawa River levee is breached, flood water is expected to reach Matsubushi Town after about 33 hours, at the earliest.



Ootoshifurutone River Flood Hazard Map



Moto-Arakawa River and Niigata River Flood Hazard Map



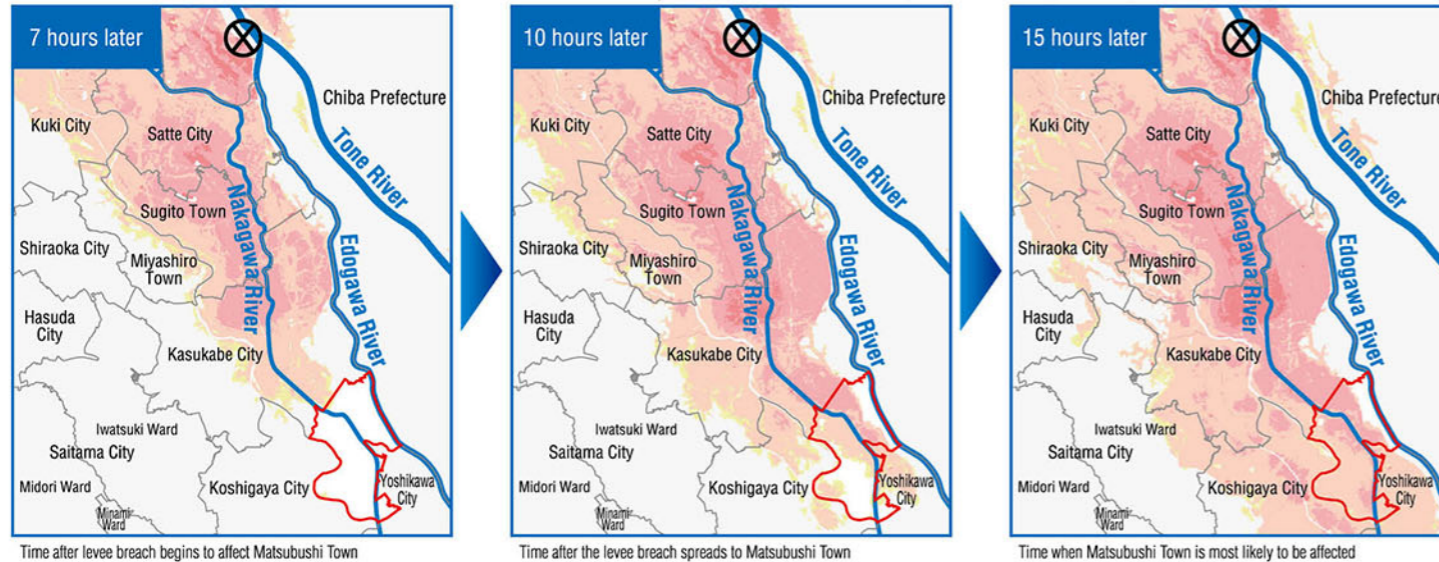
Inundation Assumption Simulation

This inundation simulation is a simulation of how long and to what extent the flood would occur if a levee breached at the assumed points of the Tone River, Edogawa River, and Nakagawa River.

Ministry of Land, Infrastructure, Transport and Tourism Site-specific inundation simulation search system (inundation navigation) 

Simulation of the Tone River

When a levee breaks 122.5 km from the mouth of the river (This is the assumed levee break point that has the greatest impact of flood water on Matsubushi Town.)



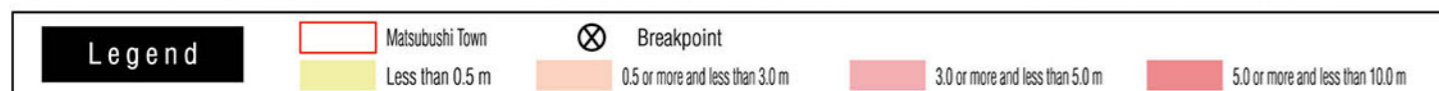
Simulation of the Edogawa River

When a levee breaks 40.0 km from the mouth of the river (This is the assumed levee break point that has the greatest impact of flood water on Matsubushi Town.)



Simulation of the Nakagawa River

When a levee breaks 38.4 km from the mouth of the river (This is the assumed levee break point that has the greatest impact of flood water on Matsubushi Town.)



Inundation Duration

This inundation duration is a simulation of how long the inundation will continue after any of the rivers in the Tone River, Edogawa River, Nakagawa River, Arakawa River, and Nakagawa River Basin breaks. The chart shows the maximum time from when the inundation depth reaches 50 cm to when it drops below 50 cm.

