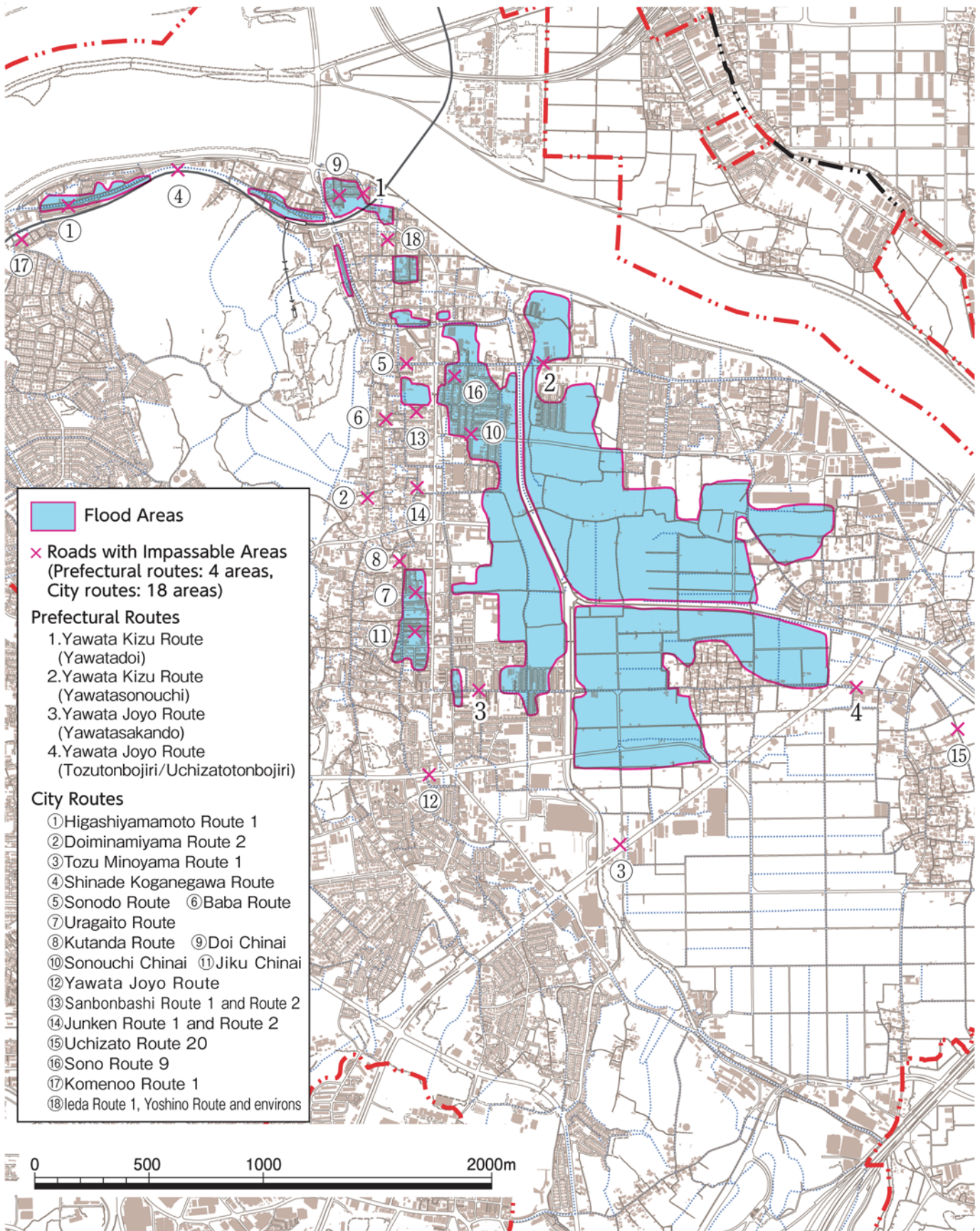


# Map of Flood Area During Typhoon Number 18 in 2013 Due to Heavy Rain

In addition to total rainfall in the areas of Kinki and Tokai between Sept. 15th and 16th being over 400mm, heavy areas doubled more than the September annual average rainfall amount. 856 homes in Yawata city were flooded, and 5,400 homes in Kyoto Prefecture were damaged.





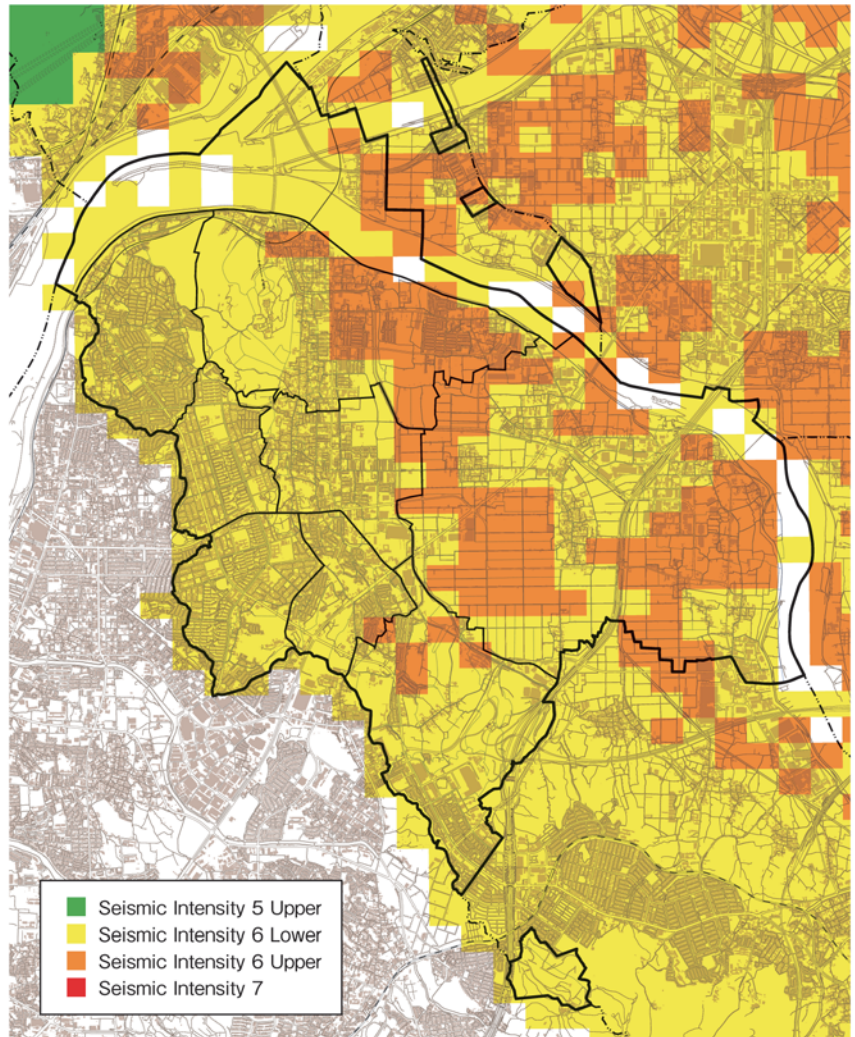
# Expected Seismic Intensity Distribution Chart for Nankai Trough Earthquakes

This map displays the predicted seismic intensities in Yawata city if a Nankai Trough earthquake were to occur. Strong shaking and massive damage are predicted on a wide scale within the city. Furthermore, the seismic intensities displayed on this map are average amounts of shaking predicted based on the earthquake's scale and the distance from the epicenter. Based on how the earthquake manifests, shaking may be stronger or weaker than this.

Refer to Page 6 for Predicted Damages

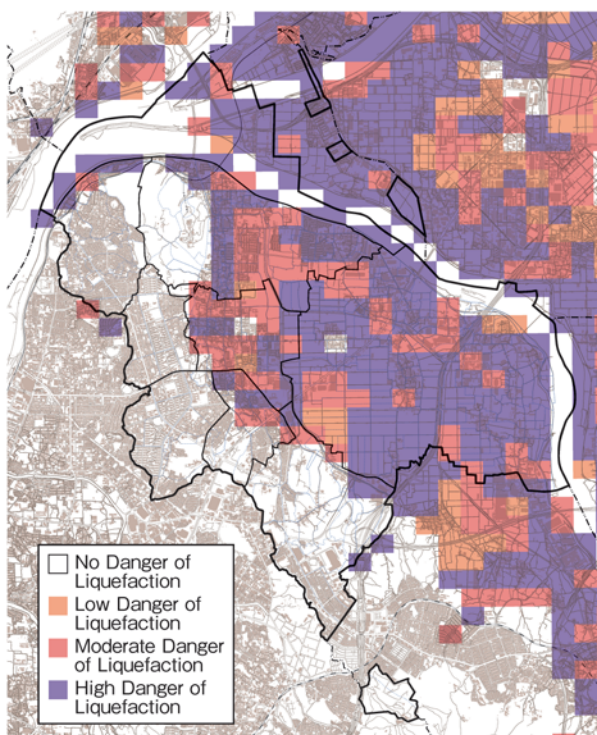
## <Points of Caution>

- The intensity of the shaking is displayed for the area of residence.
- It is important to protect yourself from the strong shaking that will hit, so first check how much shaking there will be, and then take preventative safety measures like making your house earthquake resistant or affixing the furniture within your house.



Materials Provided By : Kyoto Prefecture Earthquake Damage Estimation Research Committee

## Predicted Liquefaction from a Nankai Trough Earthquake



Materials Provided By : Kyoto Prefecture Earthquake Damage Estimation Research Committee

Predicted liquefaction is the danger of liquefaction, which is displayed based on the characteristics of each area's topography and foundation and the intensity of the shaking as displayed on the Seismic Intensity Distribution Chart.

Furthermore, as the liquefaction danger scale displayed on this map is a prediction based on topographical information obtained, in reality, it can occur locally, such as on developed land, so there may be differences in the scale and location of the areas in danger of liquefaction.

## <Points of Caution>

- The possibility of liquefaction based on the area you live in is displayed.
- As expected liquefaction predicts the destruction of buildings, this is an estimation of the possibility of liquefaction due to the greatest class of shaking, and does not indicate whether land will liquefy or not.
- For the trading of land and constructing homes, please investigate, at your own responsibility, the liquefaction assessed for each area of land.



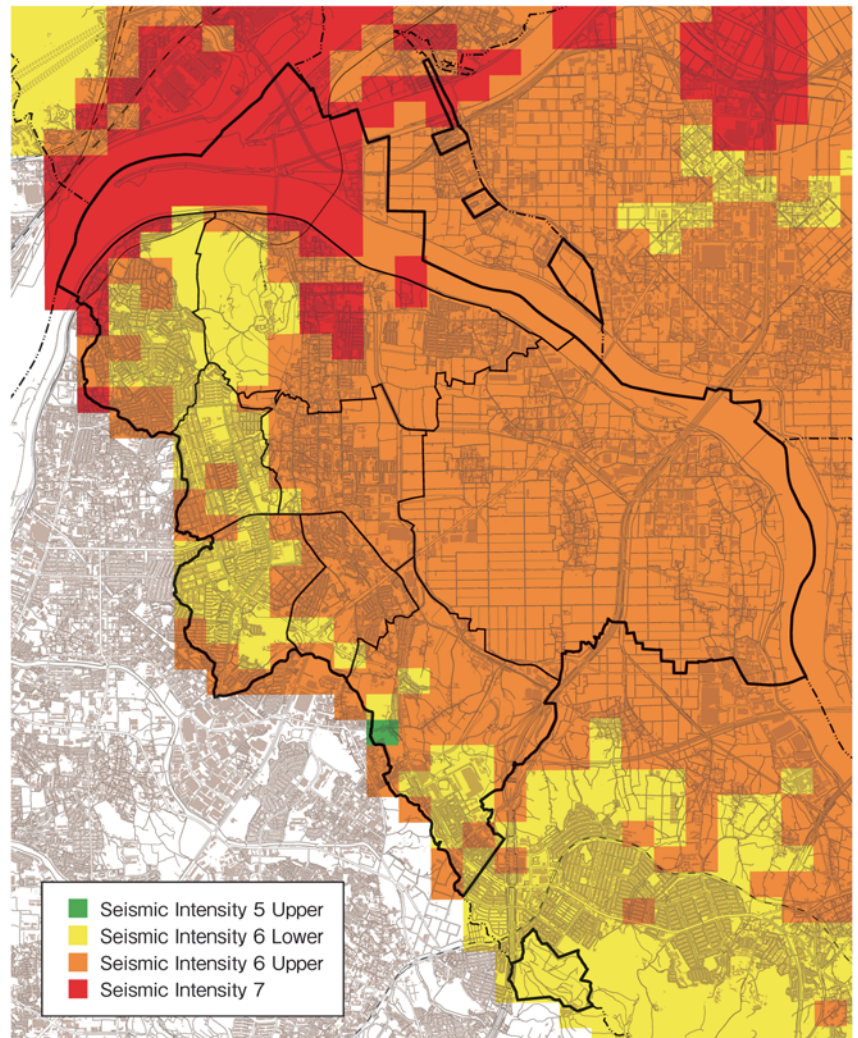
## Expected Seismic Intensity Distribution Chart in Correspondence with Arima/Takatsuki Faults

If the Arima and Takatsuki faults were to become an epicenter, it would bring strong shaking to Yawata city. This map is the requested result of the seismic intensity simulation when an earthquake occurs with the Arima and Takatsuki faults as the epicenter (magnitude 7.2, maximum seismic intensity 7). Furthermore, the results of this simulation do not take into consideration a seismic intensity of a scale larger than predicted, so there will be cases where it does not align with the situation when the actual earthquake occurs.

**Refer to page 6 for predicted damages**

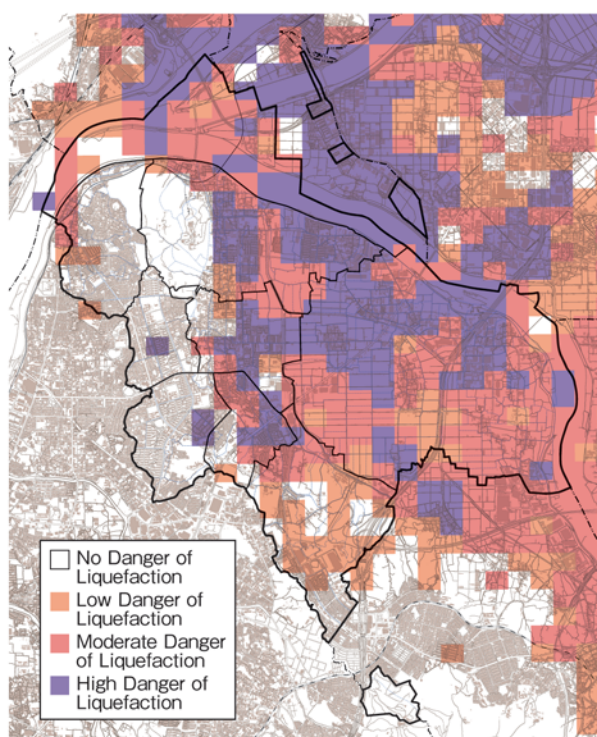
### <Points of Caution>

- This displays the strength of shaking in the area of your residence.
- It is important to protect yourself from the strong shaking that will hit, so first check how much shaking there will be, and then take preventative safety measures like making your house earthquake resistant or affixing the furniture within your house.



Materials Provided By : Kyoto Prefecture Earthquake Damage Estimation Research Committee

## Predicted Liquefaction from an Earthquake in the Arima/Takatsuki Faults



Materials Provided By : Kyoto Prefecture Earthquake Damage Estimation Research Committee

Predicted liquefaction is the danger of liquefaction, which is displayed based on the characteristics of each area's topography and foundation and the intensity of the shaking as displayed on the Seismic Intensity Distribution Chart.

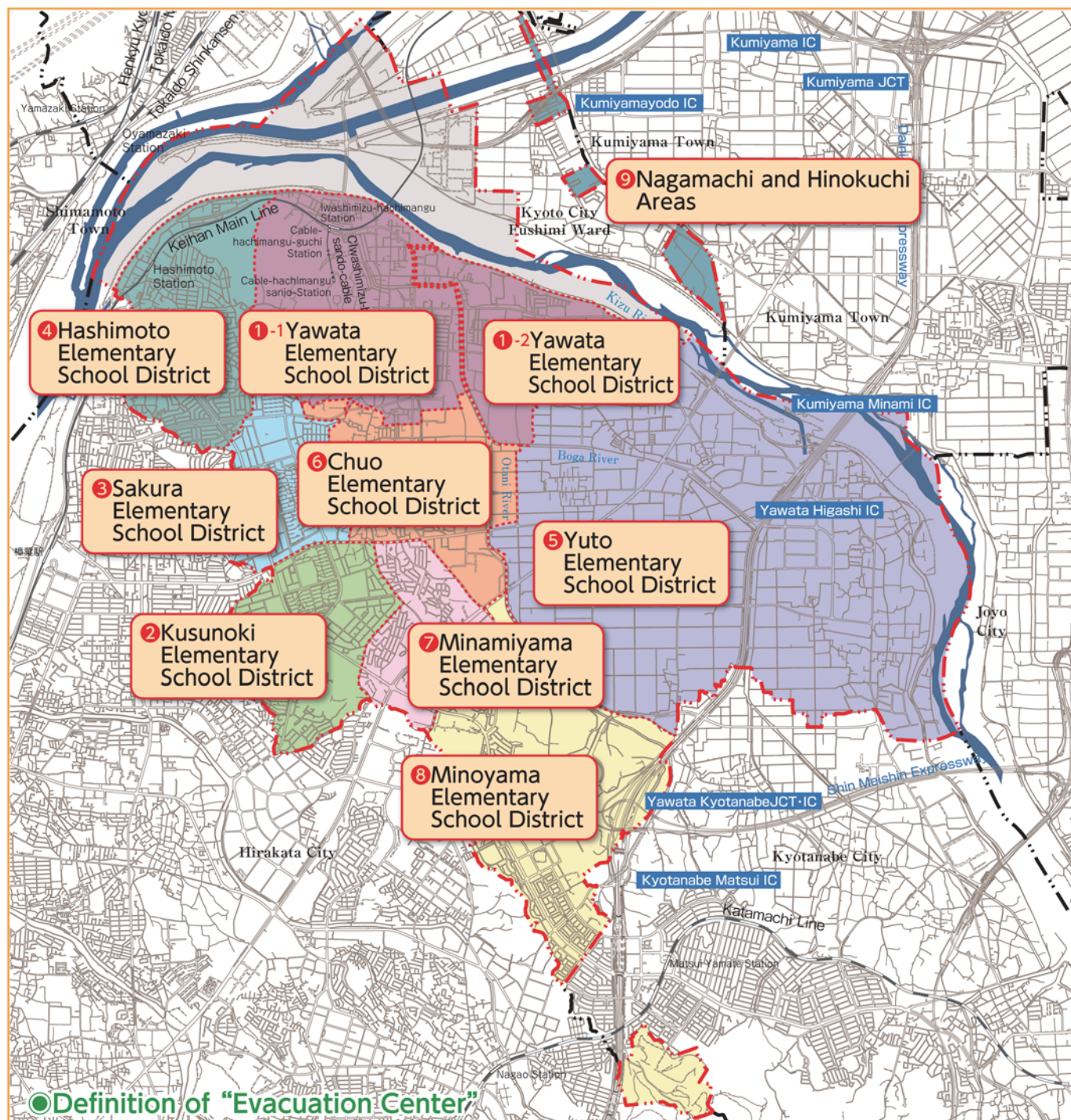
Furthermore, as the liquefaction danger scale displayed on this map is a prediction based on topographical information obtained, in reality, it can occur locally, such as on developed land, so there may be differences in the scale and location of the areas in danger of liquefaction.

### <Points of Caution>

- The possibility of liquefaction based on the area you live in is displayed.
- As expected liquefaction predicts the destruction of buildings, this is an estimation of the possibility of liquefaction due to the greatest class of shaking, and does not indicate whether land will liquefy or not.
- For the trading of land and constructing homes, please investigate, at your own responsibility, the liquefaction assessed for each area of land.



# Map of All City Districts



Name	Definition
Designated evacuation site	Facility with the appropriate equipment and size to serve as accommodation for disaster victims, used as their short-term living space.
Welfare Evacuation Center	A facility made in consideration of those for whom a normal evacuation shelter would hinder, such as elderly people whom require care and the handicapped.
Designated Emergency Evacuation Center (for floods)	A facility used as an evacuation center to escape from danger during flooding or when there is the danger of flooding.
Designated Emergency Evacuation Center (for sediment disasters)	A facility used as an evacuation center to escape from danger during sediment disasters or when there is the danger of sediment disasters.
Designated Emergency Evacuation Center (for earthquakes)	Facility that serves as an evacuation center at which to escape from danger in the event of an earthquake or potential earthquake.