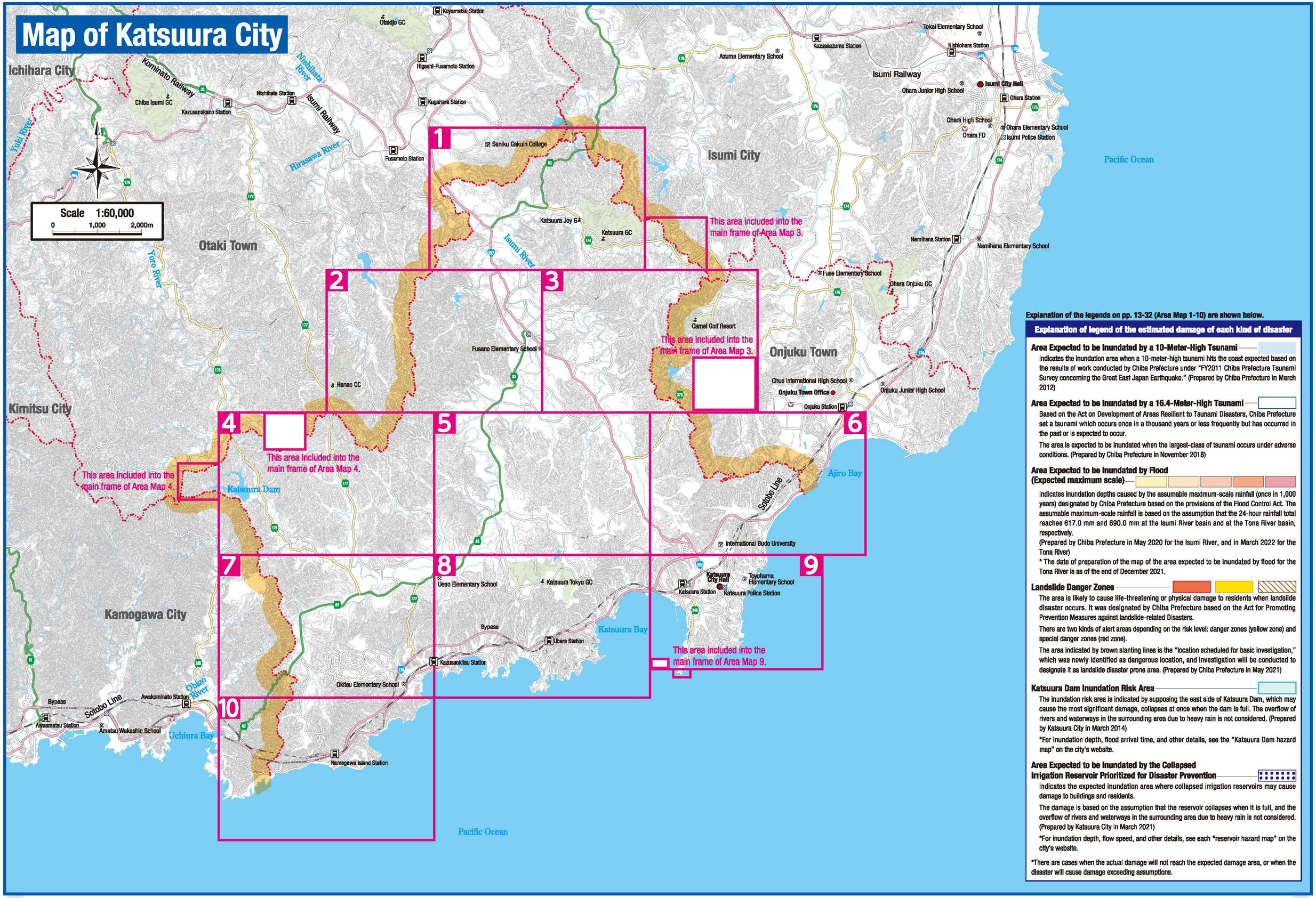
Map of Katsuura City



Explanation of the legends on pp. 13-32 (Area Map 1-10) are shown below.

Explanation of legend of the estimated damage of each kind of disaster

Area Expected to be Inundated by a 10-Meter-High Tsunami

Indicates the inundation area when a 10-meter-high tsunami hits the coast expected based on the results of work conducted by Chiba Prefecture under "FY2011 Chiba Prefecture Tsunami Survey concerning the Great East Japan Earthquake." (Prepared by Chiba Prefecture in March 2012)

Area Expected to be Inundated by a 16.4-Meter-High Tsunami

Based on the Act on Development of Areas Resilient to Tsunami Disasters, Chiba Prefecture set a tsunami which occurs once in a thousand years or less frequently but has occurred in the past or is expected to occur.

The area is expected to be inundated when the largest-class of tsunami occurs under adverse conditions. (Prepared by Chiba Prefecture in November 2018)

Area Expected to be Inundated by Flood (Expected maximum scale)

Indicates inundation depths caused by the assumable maximum-scale rainfall (once in 1,000 years) designated by Chiba Prefecture based on the provisions of the Flood Control Act. The assumable maximum-scale rainfall is based on the assumption that the 24-hour rainfall total reaches 617.0 mm and 690.0 mm at the Isumi River basin and at the Tona River basin, respectively.

(Prepared by Chiba Prefecture in May 2020 for the Isumi River, and in March 2022 for the Tona River)

* The date of preparation of the map of the area expected to be inundated by flood for the Tona River is as of the end of December 2021.

Landslide Danger Zones

The area is likely to cause life-threatening or physical damage to residents when landslide disaster occurs. It was designated by Chiba Prefecture based on the Act for Promoting Prevention Measures against landslide-related Disasters.

There are two kinds of alert areas depending on the risk level: danger zones (yellow zone) and special danger zones (red zone).

The area indicated by brown slanting lines is the "location scheduled for basic investigation," which was newly identified as dangerous location, and investigation will be conducted to designate it as landslide disaster prone area. (Prepared by Chiba Prefecture in May 2021)

Katsuura Dam Inundation Risk Area

The inundation risk area is indicated by supposing the east side of Katsuura Dam, which may cause the most significant damage, collapses at once when the dam is full. The overflow of rivers and waterways in the surrounding area due to heavy rain is not considered. (Prepared by Katsuura City in March 2014)

*For inundation depth, flood arrival time, and other details, see the "Katsuura Dam hazard map" on the city's website.

Area Expected to be Inundated by the Collapsed Irrigation Reservoir Prioritized for Disaster Prevention

Indicates the expected inundation area where collapsed irrigation reservoirs may cause damage to buildings and residents.

The damage is based on the assumption that the reservoir collapses when it is full, and the overflow of rivers and waterways in the surrounding area due to heavy rain is not considered. (Prepared by Katsuura City in March 2021)

*For inundation depth, flow speed, and other details, see each "reservoir hazard map" on the city's website.

*There are cases when the actual damage will not reach the expected damage area, or when the disaster will cause damage exceeding assumptions.