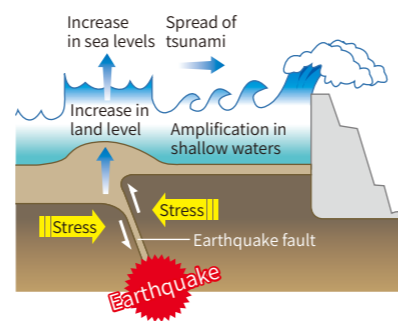


Additional information about the Tsunami Hazard Map

Tsunami

This hazard map shows the predicted areas that will flood if a tsunami occurs. A tsunami occurs when an earthquake occurs at sea, causing the ocean floor to drop or rise suddenly, and sending a burst of energy into the surrounding seawater, causing it to move up and down. When a tsunami reaches the coast, it can become a much larger tsunami in shallow areas and bay areas, due to the effects of geology. A tsunami that reaches the coast can penetrate the land and can also wash upriver, causing damage across a large area.



Anticipated conditions

This hazard map is based on flooding estimates by Aichi Prefecture. The anticipated flooding caused by the tsunami is based on the tsunami fault model published by the Cabinet's "Nankai Trough Major Earthquake Model Committee". Five scenarios have been selected from those predicted in the case of a major tsunami reaching the coast of Aichi Prefecture, and the flood areas and flood depth shown are those expected to occur in a worst case scenario of a major tsunami occurring in those five cases. The simulation of this major tsunami is done based on current scientific opinion, as well as information regarding tsunamis that have occurred in the past and those anticipated in the future. It is considered that such a tsunami will occur once every 1000 years or less, but it is not considered impossible for such a tsunami to occur.

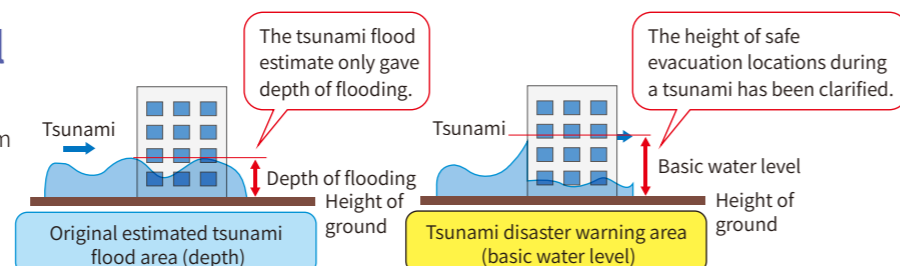
The scope and depth of the anticipated flooding shown on the map is entirely estimated, and areas not shown as flooding on the map may in fact flood, or the flood depth may be different than that indicated in a real disaster.

Past disasters

A review of past earthquakes in this area shows that they occur at intervals of approximately 100-150 years, and it would not be unexpected for the next large earthquake to occur soon. You should prepare as if this is likely to happen.

Basic water level

The water level shown takes into account a further rise in the level from the estimated flood level during a tsunami caused by the tsunami colliding with buildings etc.



Evacuation target areas

These areas are those that would require evacuation in the event of a tsunami, as designated by the City in response to definition at a workshop held by residents etc. based on estimations of tsunami flooding published by Aichi Prefecture. In consideration of ensuring safety and smooth evacuation, the potential flood area has been specified as larger than estimations.

Emergency evacuation locations

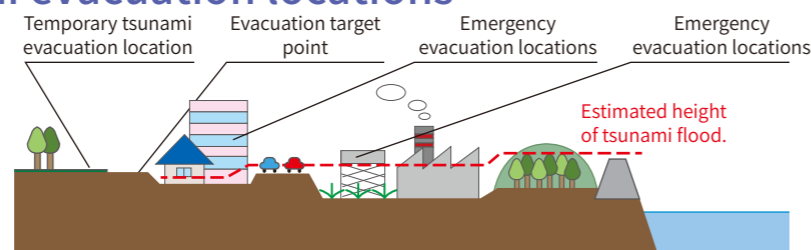
These have been specified by the City for temporary/emergency use in the case that you do not have time to evacuate to a high location.

Evacuation target points

These are points to be aimed for when leaving an evacuation target area because there is a danger that a tsunami will occur, as specified by residents etc.

Temporary tsunami evacuation locations

These are the locations defined by Handa City as temporary evacuation locations in the case of a tsunami, from among the emergency evacuation locations determined across a wider area as part of Handa City's Regional Disaster Prevention Plan.



Hazard Map

Be prepared for disaster