Shimamoto Town Earthquake Hazard Map

Information for all residents

The scale of an earthquake is measured in magnitude (M). The greater the energy at the seismic center, the higher the magnitude. The strength of tremors caused by an earthquake is measured using the Japanese shindo (tremor level) scale. This scale ranges from degree 0 to 7 and can indicate 10 different levels of strength.

A major Nankai Trough Earthquake is expected to occur in the near future (with a maximum predicted magnitude of M9.0 and 70% probability of occurrence in the next 30 years). An Arima-Takatsuki Fault Zone Earthquake would cause heavy damage to Shimamoto Town (with a predicted magnitude of approx. M7.5 and probability of occurrence of approx. 0-0.03% in the next 30 years). Predicted tremor levels during these potential earthquakes are shown in the Shimamoto Town Shindo (Japan's Earthquake Intensity) Scale Map.

The Shimamoto Town Building Damage Map shows danger levels by area if a Nankai Trough Earthquake should occur, taking into account not only tremor level but also building construction factors (such as wood/non-wood and year of construction).

What to do if an earthquake occurs

If an earthquake occurs, do not panic. Stay calm and confirm the safety of your surroundings.



