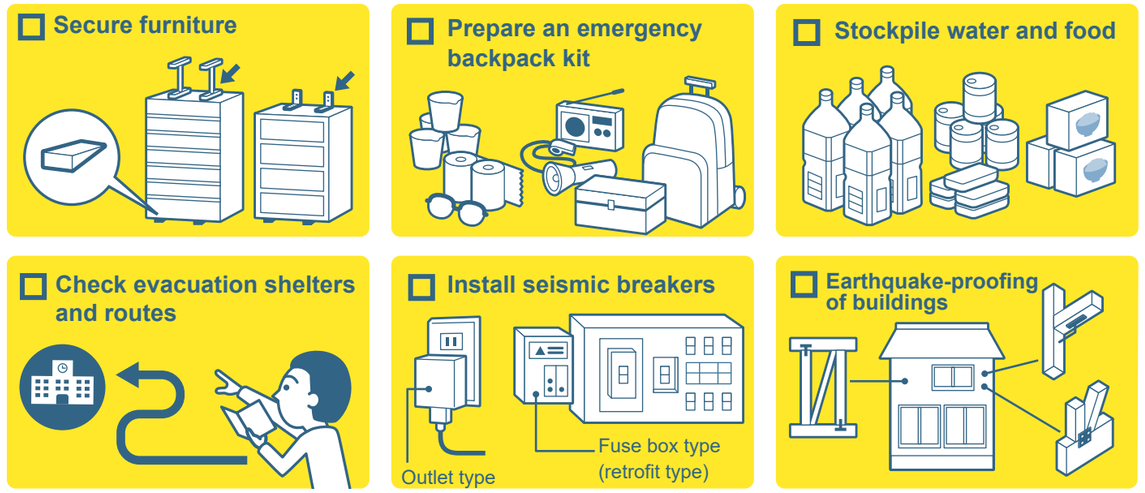
# Prepare for an earthquake




**Prepare now to protect your life and the lives of your loved ones**

## Nankai Trough Earthquake Extra Information

**(Conditions of Announcements)**

- **When an anomalous phenomenon has been observed along the Nankai Trough and an analysis is started or in progress, to determine whether the phenomenon is related to a large earthquake along the Nankai Trough**
- **When the results of the analysis of an observed anomalous phenomenon are announced**

| keywords | |
|---|---|
| Under Analysis | When an analysis has been started or in progress to determine whether the observed anomalous phenomenon is related to a large earthquake along the Nankai Trough |
| Megathrust Earthquake Alert | When an M8.0 or higher earthquake is considered to have occurred at the plate boundary with an anticipated focal region along the Nankai Trough |
| Megathrust Earthquake Attention | When an earthquake between M7.0 and M8.0 is considered to have occurred at the plate boundary with an anticipated focal region along the Nankai Trough<br>When an M7.0 or higher earthquake is considered to have occurred outside the plate boundary with an anticipated focal region along the Nankai Trough or within an area up to about 50 km outside the trench axis of an anticipated focal region<br>When an unusual slow slip has been observed that is detectable as a significant change by strainmeters and which clearly indicates a change in the state of adhesion of plate boundaries over a short period |
| Analysis Complete | When the phenomenon is evaluated as not falling under either a megathrust earthquake alert or a megathrust earthquake attention |

## Nankai Trough earthquake-related commentary

- **When announcing the progress after announcing the results of the analysis of an observed anomalous phenomenon**
- **When announcing the results of the analysis at a regular meeting of the Nankai Trough Earthquake Assessment Committee (excluding the announcement of extra information)**

## Contact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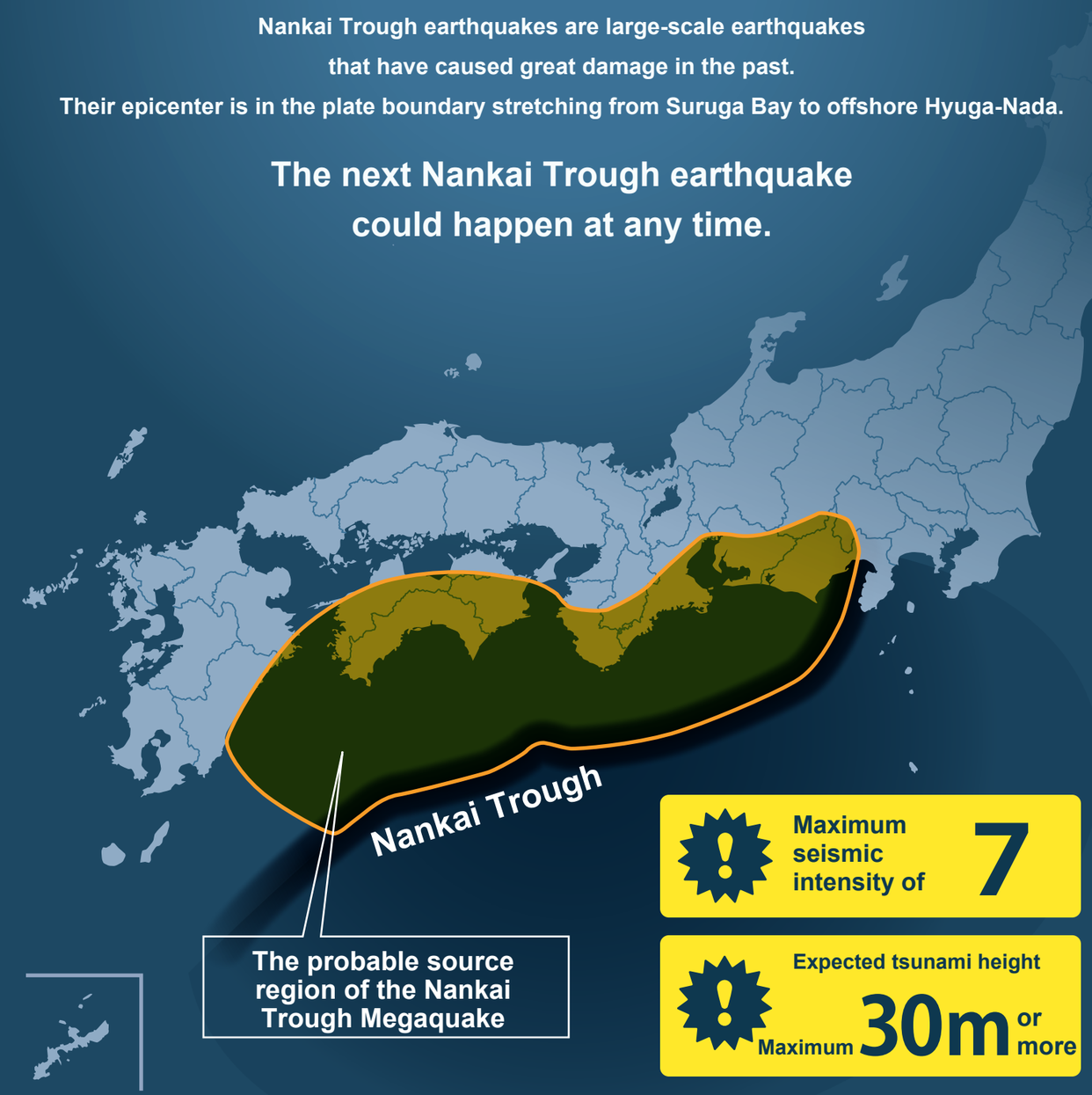
# Nankai Trough Earthquake

## - Preparations -

**Knowledge can save your life and the lives of your loved ones**

**Nankai Trough earthquakes are large-scale earthquakes that have caused great damage in the past.**
**Their epicenter is in the plate boundary stretching from Suruga Bay to offshore Hyuga-Nada.**

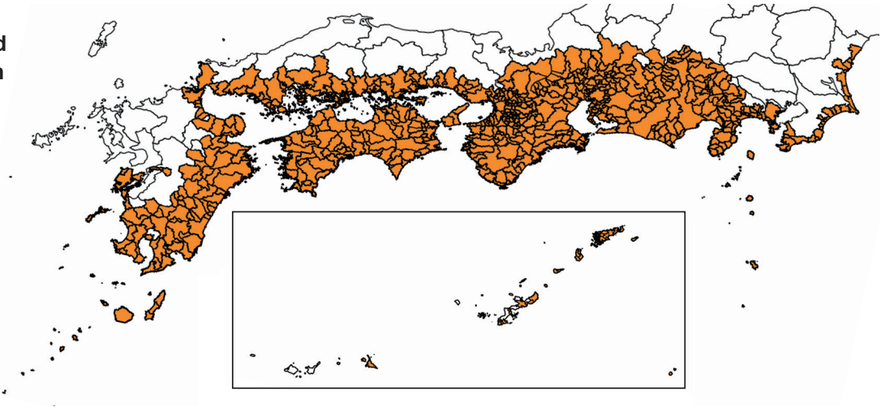
**The next Nankai Trough earthquake could happen at any time.**



**If a Nankai Trough earthquake occurs, significant damage may occur over a wide area from Kanto to Shikoku and Kyushu. Tsunamis could cause severe damage, especially in coastal areas. Areas where major damage is anticipated need to be prepared for a Nankai Trough earthquake.**

**Areas where major damage is anticipated from a Nankai Trough earthquake**

Nankai Trough Earthquake Disaster Countermeasure Promotion Areas



**Overview of Designation Criteria**

- Areas with a seismic intensity of lower 6 or greater
- Areas with an expected tsunami height of 3 m or higher and a low sea dike
- Ensuring a disaster management system and considering past disaster history

## If a Nankai Trough earthquake occurs...

**Sudden shaking**

### An earthquake occurs

**If you feel tremors, protect yourself first**

**At home**

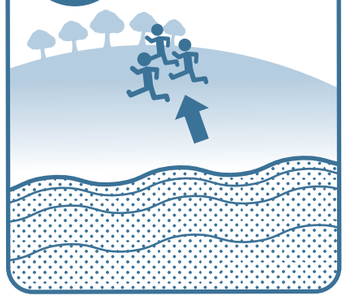
Protect your head, and shelter under sturdy furniture, like a table

**Outdoors**

Stay away from concrete-block walls, utility poles, vending machines, and anything in danger of collapsing

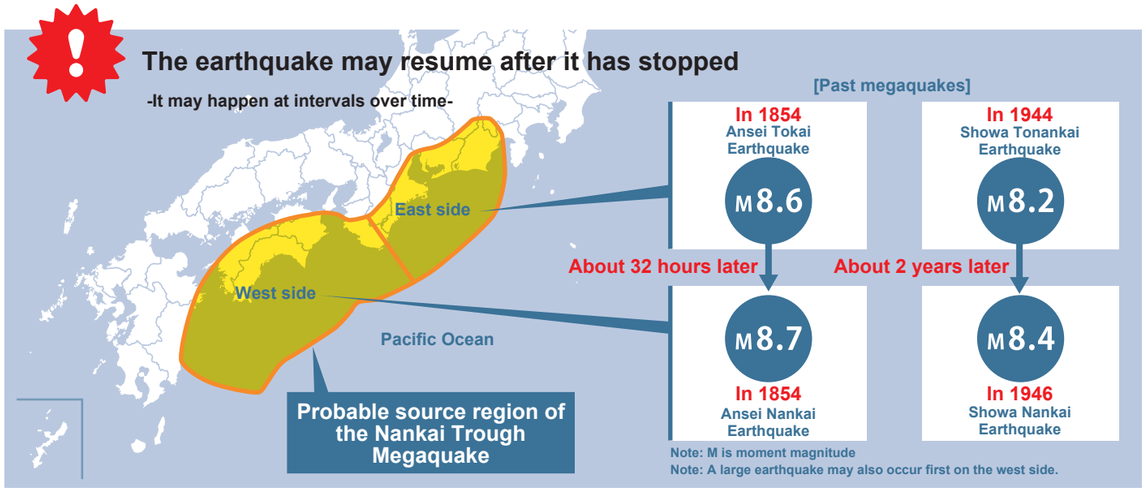
**On the coast**

Evacuate to a safe place in preparation for the possibility of a tsunami



### The earthquake may resume after it has stopped

-It may happen at intervals over time-




Note: M is moment magnitude

Note: A large earthquake may also occur first on the west side.

## Be ready for huge earthquakes at intervals over time

## - Nankai Trough Earthquake Extra Information -

- If it is assessed that the possibility of a Nankai Trough earthquake is relatively higher than usual, the Japan Meteorological Agency will issue "Nankai Trough Earthquake Extra Information."
- Take disaster prevention measures in response to calls from the government, local governments, or municipalities.

### The sequence of disaster management after an earthquake

**After the earthquake**

**M6.8 or higher earthquake occurs** in or around the probable source region along the Nankai Trough

**Possibility of an unusually slow slip** of plate boundaries in the probable source region along the Nankai Trough

5 to 30 minutes later

**Nankai Trough Earthquake Extra Information (under analysis)**

**Need to take disaster prevention measures**

**M8.0 or higher earthquake on plate boundaries *1**

**Nankai Trough Earthquake Extra Information (Megathrust Earthquake Alert)**

- Reconfirm your earthquake preparedness on a daily basis, etc.
- Evacuate for one week in areas where evacuation from a tsunami is not possible in time

Take action in accordance with the government's instructions

**M7.0 or higher earthquake (*2)** / **Slow slip (*3)**

**Nankai Trough Earthquake Extra Information (Megathrust Earthquake Attention)**

- Reconfirm your earthquake preparedness on a daily basis, etc.

**No need**

**Other**

**Nankai Trough Earthquake Extra Information (analysis complete)**

- You can return to normal life, but beware that the possibility of a large earthquake still exists

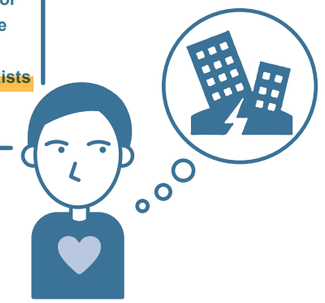
**From about 2 hours to 1 week***

**1 to 2 weeks**

- Alert measures are lifted, but the earthquake advisory is maintained for one more week

- Reconfirm your earthquake preparedness on a daily basis, etc.

- You can return to normal life while keeping alert for earthquakes, but beware that the possibility of a large earthquake still exists



**2 weeks or more**

- You can return to normal life while keeping alert for earthquakes, but beware that the possibility of a large earthquake still exists

Note: If a slow slip is observed, until its convergence is assessed

Note 1: Occurrence of an M8.0 or higher earthquake on plate boundaries of the probable source region

Note 2: Occurrence of an M7.0 or higher earthquake in or around the probable source region (excluding an M8.0 or higher earthquake on plate boundaries)

Note 3: Observation of crustal movements caused by a slow slip of plate boundaries, which is not noticed by residents