

## Questions: Tsunamis

What does the word “tsunami” mean in Japanese

In which ocean do most tsunamis occur?

Besides earthquakes, what are other causes of tsunamis?

What is a typical wavelength for a tsunami in the open ocean?

What is the typical speed of a tsunami in the open ocean?

What is a typical amplitude of tsunamis in the open ocean?

Why do tsunamis grow in height as tsunamis approach shore?

What is tsunami run-up?

Does the first wave always have the maximum run up?

What is the typical wave period (in minutes) for a tsunami cycle?

When was the last Cascadia subduction zone M9 mega-quake?

What are two pieces of evidence for the date of the Cascadia M9 mega-quake?

What is the approximate inter-occurrence time for Cascadia events?

How was “Episodic Tremor and Slip” in the Cascadia subduction zone detected?

How does tsunami speed depend upon ocean depth?

How are tsunamis detected in the open ocean?

How are tsunami wave heights in shallow and deep water related?