

## Sumatra Earthquake And Tsunami Lab Answers

**General Geology Lab #6: Earthquakes Tsunami Lab SWHS Geology - tcfawcett.com Geol 108 Lab 02 Locating Earthquakes Sumatra Earthquake 2004 - REGENTSEARTHSCIENCE.COM Tsunami Laboratory, Novosibirsk, Russia. The Great Sumatra Earthquake of 2004 - Steve Kluge Earthquake Epicenter Lab: CSULB Geography images.pcmac.org Sumatra Earthquake And Tsunami Lab 072442-Sumatra Earthquake and Tsunami Lab version 2.doc ... The Sumatra Earthquake and Tsunami December 26, 2004 Introduction - Steve Kluge 1907 Sumatra earthquake - Wikipedia Tsunami Damage, Northwestern Sumatra (Indonesia) Tsunamis Lab - Home - Westerville City Schools SUMATRA EARTHQUAKE AND TSUNAMI LAB ANSWERS PDF PDF The 2004 Sumatra Earthquake and Tsunami - SERC 2004 Indian Ocean earthquake and tsunami - Wikipedia Sumatra Earthquake and Tsunami Lab - cppasd.com**

General Geology Lab #6: Earthquakes

A Hawai'ian seismic lab first noticed the data indicating that an earthquake had happened near Sumatra and their first estimates were that the quake had a magnitude about 8.0, which they felt was not likely to raise a tsunami.

Tsunami Lab SWHS Geology - tcfawcett.com

The estimated magnitude is 7.5-8.0 M s, with an epicentre close to Simeulue, off Sumatra. It triggered a widespread and damaging tsunami that caused at least 2,188 deaths. The low observed intensity compared to the size of the tsunami has led to its interpretation as a tsunami earthquake.

Geol 108 Lab 02 Locating Earthquakes

View Notes - 072442-Sumatra Earthquake and Tsunami Lab version 2.doc from PHILOSOPHY 101 at Xavier University. Sumatra Earthquake and Tsunami Lab Introduction: The incredible damage and tragic loss

Sumatra Earthquake 2004 - REGENTSEARTHSCIENCE.COM

Tsunamis Lab Background The 2004 Indian Ocean earthquake, known by the scientific community as the Sumatra-Andaman earthquake, was an undersea earthquake that occurred at 8:00 AM December 26, 2004, with an epicenter off the west coast of Sumatra Indonesia. The earthquake

Tsunami Laboratory, Novosibirsk, Russia.

On December 26, 2004, a large (magnitude 9.0) earthquake occurred off the western coast of Sumatra in the Indian Ocean. The earthquake was caused by the release of stresses accumulated as the Burma tectonic plate overrides the India tectonic plate. Movement of the seafloor due to the earthquake generated a tsunami, or seismic sea wave, that affected coastal regions around the Indian Ocean.

The Great Sumatra Earthquake of 2004 - Steve Kluge

Summary In this multi-part activity, students study seismograms from different seismic stations recording the Sumatra earthquake of December 26th, 2004 and then determine the epicenter of the quake and track the tsunami it generated in order to quantify how much time was available for exacuation if word had been successfully communicated.

Earthquake Epicenter Lab: CSULB Geography

The Sumatra Earthquake and Tsunami December 26, 2004 ©2004 by Dave Robison and Steve Kluge (thanks also to Bryce Hand and Michael Hubenthal) Introduction: The incredible damage and tragic loss of life resulting from the 9.0 magnitude earthquake and ensuing tsunami was

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shocking and almost beyond belief. The event marked the most devastating natural disaster to hit the world in the last 100 years.

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Lab #6: Earthquakes . Name:\_\_\_\_\_ Part 1 Simulate earthquake hazards to estimate risks ... lives due to the earthquake and subsequent tsunami. ... You'll study seismograms from 3 different seismic stations recording the magnitude 9.0 Sumatra earthquake of December 26th, 2004. By comparing the arrival times of the P and S waves on each ...

### Sumatra Earthquake And Tsunami Lab

Sumatra Earthquake and Tsunami Lab Introduction: The incredible damage and tragic loss of life resulting from the 9.0 magnitude earthquake and ensuing tsunami was shocking and almost beyond belief. The event marked the most devastating natural disaster to hit the world in the last 100 years.

072442-Sumatra Earthquake and Tsunami Lab version 2.doc ...

The Great Sumatra Earthquake of 2004 The Sumatra Earthquake and Tsunami classroom activity in .doc format and .pdf format, appropriate for grades 9-13. View Tectonic Map and X-sections . HERE Slide Show of the disaster News Reports from the BBC Eyewitness Account of the waves coming ashore

### The Sumatra Earthquake and Tsunami December 26, 2004

The location map of the December 26, 2004 earthquake. The large circle shows the positions of the main shock as determined by NEIC and HARV along with the first month aftershocks that roughly outline the earthquake source area. The main plate boundaries are shown in green. White rectangle outlines the area shown in the section "Source area"

### Introduction - Steve Kluge

The 2004 Indian Ocean earthquake and tsunami (also known as the Boxing Day Tsunami) occurred at 00:58:53 UTC on 26 December, with an epicentre off the west coast of northern Sumatra, Indonesia. It was an undersea megathrust earthquake that registered a magnitude of 9.1–9.3 Mw, reaching a Mercalli intensity up to IX in certain areas. The earthquake was caused by a rupture along the fault ...

### 1907 Sumatra earthquake - Wikipedia

to reduce the destruction from the force of a tsunami and many people on the shores did not recognize or understand the warnings nature provided. In this lab, you'll study seismograms from 3 different seismic stations recording the magnitude 9.0 Sumatra earthquake of December 26th, 2004. By comparing the arrival times of the P and S waves on each

### Tsunami Damage, Northwestern Sumatra (Indonesia)

The Sumatra Earthquake and Tsunami December 26, 2004 ©2004 by Dave Robison and Steve Kluge (thanks also to Bryce Hand and Michael Hubenthal) Introduction: The incredible damage and tragic loss of life resulting from the 9.0 magnitude earthquake and ensuing tsunami was shocking and almost beyond belief. The event marked the most devastating natural

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Geol 108 Lab 02 Locating Earthquakes Week of Sept. 10-14, 2012 PART I. Sumatra Earthquake 2004 ... Alaska earthquake. The tsunami caused ...

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Washington indicate the possibility of a Sumatra-like tsunami hitting this coast? b. If you live on the coast, what geologic event might warn you of the possibility of a

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Tsunami Lab SWHS Geology (©2004 by Dave Robison and Steve Kluge) ... On "The Great Sumatra Earthquake of 12/26/2004", use the map scale and your compass to draw circles ... How might the residents of Aceh have know that there was some danger of a tsunami before it actually

The 2004 Sumatra Earthquake and Tsunami - SERC

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2004 Indian Ocean earthquake and tsunami - Wikipedia

The Sumatra Earthquake and Tsunami December 26, 2004 02004 by Dave Robison and Steve (thanks to Bryce Hand and Michael Hubenthal)

Introduction: The incredible damage and tragic loss of life resulting from the 9.0 magnitude earthquake and ensuing tsunami was shocking and almost beyond belief. The event marked the most devastating natural

Sumatra Earthquake and Tsunami Lab - cppasd.com

The incredible media coverage of the Sumatra Earthquake and Tsunami of December 26, 2004, provided the world with images provoking both incredible sadness at the tragic loss of life, and awe at the destructive release of energy from one brief convulsion of Earth's crust.

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