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Chi Chi Taiwan Earthquake Of

Taiwan earthquake of 1999, also called 1999 Chi Chi earthquake, earthquake that began at 1:47 am local time on Sept. 21, 1999, below an epicentre 93 miles (150 km) south of Taipei, Taiwan. The death toll was 2,400, and some 10,000 people were injured. Thousands of houses collapsed, making more than 100,000 people homeless.

Taiwan earthquake of 1999 | Taiwan | Britannica

The Chi-Chi earthquake, also known as the great earthquake of September 21, was a 7.3 ML or 7.7 Mw earthquake which occurred in Jiji, Nantou County, Taiwan on Tuesday, 21 September 1999 at 01:47:12 local time. 2,415 people were killed, 11,305 injured, and NT\$300 billion worth of damage was done. It was the second-deadliest quake in recorded history in Taiwan, after the 1935 Shinchiku-Taichū earthquake. Rescue groups from around the world joined local relief workers and the Taiwanese military in

1999 Jiji earthquake - Wikipedia

Chi-Chi earthquake, also known as the 921 earthquake, was an earthquake in central Taiwan. The earthquake happened on September 21, 1999 at 1:47 am local time (September 20 17:47 GMT). It measured 7.3 on the Richter scale. The epicentre of the earthquake was at in Chichi Township of Nantou County, about 12.5 km west of the Sun Moon Lake. The depth of the epicenter was 7.0 km.

1999 Jiji earthquake - Simple English Wikipedia, the free ...

Abstract: On September 21, 1999, an earthquake struck the central region of Taiwan. This earthquake became known as the 921 earthquake or the Ji-Ji or Chi-Chi earthquake. Shortly after the earthquake occurred, MCEER arranged to visit the devastated area.

The Chi-Chi, Taiwan Earthquake of September 21, 1999 ...

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found: GeoRef, Apr. 2, 2004(descriptor: Chi-chi-earthquake-1999; in abstracts: Chi-chi earthquake; M (sub S) 7.6 Chi-Chi earthquake, which ruptured the Chelungpu fault, struck central Taiwan on 20 September 1999 at 17:47 p.m. GMT; The Chi-Chi earthquake (M (sub L) = 7.3 and 12 km focal depth) occurred on 21 September 1999 in central Taiwan resulting in deaths totaling over 2300; Chi-Chi earthquake (Taiwan and South China))

Chi-chi Earthquake, Taiwan, 1999 - LC Linked Data Service ...

The September 1999, M 7.7 Chi Chi earthquake occurred in central Taiwan, 81 km to the southwest of today's earthquake. That earthquake resulted in at least 2,297 fatalities, and caused damage estimated at \$14 billion. Downloads

18km NNE of Hualian, Taiwan - USGS Earthquake Hazards Program

The Chi-Chi, Taiwan earthquake: Large surface displacements on an inland thrust fault. Kuo-Fong Ma. Yen Institute of Geophysics, National Central University, Chung-Li, Taiwan, ROC. Search for more papers by this author. Chyi-Tyi Lee.

The Chi-Chi, Taiwan earthquake: Large surface ...

According to Prof. Wang Chian-Yin (in <http://www-ses.gep.ncu.edu.tw>), the Chi-Chi earthquake (7.3 magnitude on the Richter scale) and many aftershocks with magnitude up to 6.8 on 9-21-99 and continuing may be associated with the Chelungpu and Shuangtung faults; these two faults are 10 km apart and subparallel (see Figure 4 for traces of these and other faults and Figure 5 for a cross section in the vicinity of epicenter areas).

Report #4 on the Chi-Chi (Taiwan) Earthquake

The magnitude 7.6 Chi-Chi earthquake struck central Taiwan on September 21, 1999 at 1:47 a.m. local time. Locally known as the "921" earthquake, it ruptured 80 kilometers (50 miles) of the Chelungpu Fault, which flanks the western edge of Taiwan's central mountain range. The epicenter, located near the town of Chi-Chi, had a very shallow depth of

Chi-Chi, Taiwan Earthquake Event Report

The Mw=7.6 ChiChi earthquake in central Taiwan that ruptured the Chelungpu fault over ~ 80 km in September 1999 [Ma et al., 1999] (figure 5) is to date the most extensively documented earthquake.

Taiwan Tectonics and Seismicity = regional tectonics

Li, Z. The 1999 Mw=7.6 Chi-Chi earthquake was the largest inland earthquake of Taiwan in the twentieth century. We study with synthetic aperture radar interferometry (InSAR) the pre- and co-seismic surface deformations in an epicentral area of about 1500 km².

Crustal Deformation Mapping with Satellite SAR ...

The 1999 Chi-Chi earthquake (ML = 7.3, Mw = 7.6, at 23.85°N, 120.81°E), with a focal depth of 8.0 km, was triggered by reactivation of the Chelungpu fault in central Taiwan on September 21, 1999. The earthquake caused 2400 deaths, 8373 casualties, and over US\$10 billion in damages.

Impacts of the Chi-Chi earthquake on subsequent rainfall ...

The earthquake's focal mechanism indicates oblique thrust faulting in the mid to upper crust. The earthquake's epicenter was in the Meinong District in Kaohsiung City. The earthquake waves traveled northwest from the epicenter to Tainan City through the soft soil in the Chianan Plain. Due to the soft soil nature of Tainan, surface ground motion due to the traveling wave was strongly amplified, thus creating more devastating effects in Tainan.

2016 southern Taiwan earthquake - Wikipedia

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English: The Chichi earthquake, also known as the 1999 Jiji earthquake.

Category:Chichi earthquake - Wikimedia Commons

A disastrous earthquake took place in central Taiwan at 01:47 of September 21, 1999 (Taiwan local time). The Seismology Center of the Central Weather Bureau (CWB) located the epicenter near the town of Chichi, Nantou County. The magnitude of this earthquake was M L7.3 (CWB) and M

Implications of Ground Motion Data Recorded in the M7.6 ...

1345Middlefield Road, Menlo Park,CA 94025 Introduction Displacements derived from the accelerogram recordings of the 1999 Chi-Chi, Taiwan earthquake at stations TCU078 and TCU129 show drifts when only a simple baseline derived from the pre-event portion of the record is removed from the records.

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