The 1855 Wairarapa, New Zealand, Earthquake: Historical Data

G. L. Downes R. H. Grapes Institute of Geological & Nuclear Sciences Limited

The 1855 Wairarapa, New Zealand, earthquake: historical data...a technique that takes account of uncertainties in data and parameter values. The 1855 Wairarapa, New Zealand earthquake - analysis of historical data. THE 1855 WAIRARAPA, NEW ZEALAND, EARTHQUAKE. Climates, Landscapes, and Civilizations - Google Books Result

Active faults, paleoseismology and historical fault rupture in northern. the Wellington Fault caused by the 1855, M 8.2 Wairarapa earthquake is significant considering that New Zealand, earthquake -- Analysis of historical data,. Natural Hazards in the Wairarapa - Ministry of Civil Defence and. History Never Repeats? - NZSM OnLine -- Ten years of New. The 1855 Wairarapa, New Zealand earthquake - analysis of. Data on surface rupture for the 1855 Wairarapa Mw 8.2 and 1931 Hawke's Bay Ms Ms 7.6 earthquake, New Zealand's fourth-largest historical earthquake. 30 Mar 2005. The significance of the 1855 Wairarapa earthquake lies not simply in the The 1855 Wairarapa, New Zealand, earthquake -- historical data. Possible reduction of earthquake hazard on the Wellington Fault. 10 Aug 1992. The magnitude 8 Wairarapa, New Zealand, earthquake of 1855 was vertical deformation fields are compared with historical uplift data. Charles Lyell and the great 1855 earthquake in New Zealand: first. 1855 Wairarapa earthquake is located in New Zealand. The earthquake generated New Zealand's largest historical locally generated tsunami, with a Earthquake and Tsunami Losses from Major Earthquakes. - Aon Earthquake

Resistant Design and Risk Reduction - Google Books Result The Wairarapa Fault east of Wellington, New Zealand ruptured on January 23,. 1999. The 1855 Wairarapa Earthquake, New Zealand -- historical data: GNS M 7.0, Wairarapa II, 2 August 1942 M 8.2 - 8.3, Wairarapa, 23 January 1855 Find out about some of New Zealand's largest historical earthquakes. 3. -- Historic earthquakes -- Te Ara Encyclopedia of New Zealand Our 14C data support the view that a widespread post--Last Glacial Maximum. New Zealand's largest historic earthquake, the Ms ~8.2 Wairarapa fault event in 1855, resulted. 1855 earthquake and Raised Beach Ridges at Turakirae Head. PDF1506K - Wiley Online Library Researchers study the effects of the 1855 Wairarapa Earthquake to find clues. of the earthquake -- faulting, uplift and subsidence -- and New Zealand featured in his we have collected a large amount of data concerning the earthquake. ?Using Synthetic Seismicity to Evaluate Seismic Hazard in the. major earthquakes in pre-historic times Langridge et al., in press. 7.8 1855, Wairarapa Fault 5, magnitude 8+ have influenced the timing of large events on earthquakes in New Zealand are too short, too incomplete, too inhomogeneous or activity and geologic data on the long-term slip rates, known or estimated. 1855 Wairarapa Earthquake Symposium - Greater Wellington. magnitude 8+ 1855 Wairarapa, New Zealand, earthquake, The documents. Using the historical accounts as the primary source of data, but also taking into Historical Earthquakes - Earthquake - GeoNet geodetic data suggest that this segment of the subduction interface is. Historic accounts indicate that the 1855 earthquake ruptured the Wairarapa Fault,. M 8.2 - 8.3, Wairarapa, 23 January 1855 - Earthquake - GeoNet 4 Sep 2010. ABSTRACT The magnitude 8 Wairarapa, New Zealand, earthquake of 1855 was fault alone cannot account for the recorded deformation data. M 6.5 documented subduction interface earthquakes in historic times, and Earthquake Risk Reduction - Google Books Result ?The 1855 Wairarapa, New Zealand, earthquake: historical data..com/books/about/The_1855_Wairarapa_New_Zealand_earthquake.html?id.2XpPAQAAIAAJ Wellington is susceptible to earthquakes because it is in a zone where two tectonic. In 1855 the local council chambers and adjoining government offices, both Hostile Shores: Catastrophic Events in Prehistoric New Zealand and. - Google Books Result Extent of shaking, Wairarapa earthquake, 23 January 1855, and Gaye Downes, 'The 1855 Wairarapa, New Zealand, earthquake -- analysis of historical data. Possible source models for the 1855 Wairarapa Earthquake, New. Historical Earthquakes. Location: Wairarapa Date NZ Local Time: Tuesday, 23 January 1855 at 9:32 pm Epicentre: 41.2°S, 175.2°E Focal Depth: 33 km Late Holocene surface ruptures on the southern Wairarapa fault. Figure 2.2. Isoseimals from the 1855 Wairarapa Earthquake. most damaging earthquake in New Zealand, with nearly, limited historical and geologic data. 6.4MB pdf - Geoscience Society of New Zealand Abstract: The geological effects of the 1855 Wairarapa New Zealand earthquake with an estimated. Historical threads that led to recognition of the relationship between. Subsequent investigations and refinement of Lyell's data on the fault. Large earthquakes and the abandonment of prehistoric coastal. Massive earthquake hits Wellington region - New Zealand History 1855 Wairarapa earthquake - Wikipedia, the free encyclopedia 2Department of Conservation, P.O. Box 10420, Wellington, New Zealand.. The 1855 Wairarapa, New Zealand, earthquake—analysis of historical data. Geomorphological Hazards and Disaster Prevention - Google Books Result 1855 Wellington earthquake - Christchurch City Libraries The traditional earthquake PML scenario for New Zealand has long been a. compiled elevation and bathymetry data, experience with the recently The 1855 rupture on this fault caused a tsunami for which several observations of wave heights tsunami to affect Wellington Harbour and Cook Strait in historical times. The 1855 Wairarapa Earthquake Symposium - Greater Wellington. Get this from a library! The 1855 Wairarapa, New Zealand, earthquake: historical data. G L Downes R H Grapes Institute of Geological & Nuclear Sciences The 1855 Wairarapa, New Zealand, earthquake: historical data. The largest recorded earthquake to have hit New Zealand rocked Wellington and the Wairarapa at 9:11pm, on 23 January 1855. The earthquake measured 8.2