

High Geologic Slip Rates Since Early Pleistocene Initiation Of The San Jacinto And San Felipe Fault Zones In The San Andreas Fault System, Southern California, USA

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High geologic slip rates since early Pleistocene initiation of the San . High Geologic Slip Rates since Early Pleistocene initiation of the San Jacinto and San Felipe Fault Zones in the San Andreas fault systems: Southern California, . High Geologic Slip Rates Since Early Pleistocene Initiation of the . High geologic slip rates since early Pleistocene initiation of the San . Crustal-scale tilting of the central Salton block, southern California High geologic slip rates since early Pleistocene initiation of the San Jacinto and . Felipe fault zones in the San Andreas fault system: Southern California, USA. San Andreas Fault - The Free Dictionary Tectonic evolution of the Salton Sea inferred from seismic reflection . 4 Mar 2013 . High geologic slip rates since early Pleistocene initiation of the San Jacinto and San Felipe fault zones in the San Andreas fault system, Southern California, USA cheap ebook ... High Geologic Slip Rates since Early Pleistocene initiation of the . 27 Aug 2015 . The southern San Andreas fault system (California, USA) provides an excellent ... that likely started when the San Jacinto fault zone initiated ca. to early Pleistocene east-west extension and related subsidence at the western ... that slip rates may have slowed since fault initiation (Bennett et al., 2004), ... the eastern 55 km of the Big Bend in the San Andreas fault (Matti and Morton, 1993; Morton . (2002), in which a Pleistocene slip rate of ca. 20 mm/yr over the past ~100 l.y. was ... geologic, Holocene, and modern slip rates in the San Jacinto fault zone. fault segment on the San Felipe Hills since about 0.55 d: 0.2 Ma. Stefan M. Kirby - Google Scholar Citations Landforms displaced by the Clark fault of the southern San Jacinto fault zone were mapped using . decreased since fault initiation, or fault slip began earlier than previously suggested. Citation: ... latitude in southern California, the San Andreas fault system early as ?2.4 Ma based on a slip rate of 10 mm/yr [Sharp,. 1981 ... Download as a PDF - CiteSeer 4 May 2015 . Official Full-Text Publication: High geologic slip rates since early Pleistocene initiation of the San Jacinto and San Felipe fault zones in the San Andreas fault system: Southern California, USA on ResearchGate, the ... SAFS - San Andreas Fault System AcronymFinder 4 Feb 2013 . Southern California Earthquake Center crustal velocity model CVM-H 6.3. ... and two active branches of the San Jacinto fault zone. ... rates of 18 ? 1 and 19 ? 2 mm/yr for the San Andreas and San ... California San Diego, La Jolla, California, USA. (2010), High geologic slip rates since early Pleistocene. 1 SEDIMENTARY BASIN ANALYSIS – G EOL 5480 (2) RM 217A . continuation into the Borrego badlands carrying slip rate as high as 10-12 mm/yr. ... deformation in the San Felipe Shear Zone at the southern end of the San ... Zone is a continuation of the Clark segment of the San Jacinto fault (Blisniuk et al., High geologic slip rates since early Pleistocene initiation of the San Jacinto ... Geodetic slip rates in the southern San Andreas Fault system . Title. High Geologic Slip Rates Since Early Pleistocene Initiation of the San Jacinto and San Felipe Fault Zones in the San Andreas Fault System: Southern California USA ... 1 Jan 2010 . The San Jacinto right-lateral strike-slip fault zone is crucial for ... in the San Andreas Fault System, Southern California, USA High Geologic Slip Rates Since Early Pleistocene Initiation of the San Jacinto and San Felipe Fault. High geologic slip rates since early Pleistocene initiation of the San . 12 Nov 2014 . In southern California, plate interactions and fault structure are complex (Fig. 1)—with a reduction of strike-slip rates along the San Andreas fault through the San ... Line of NE-SW cross section is shown in Figure 1. 2010, High Geologic Slip Rates since Early Pleistocene Initiation of the San Jacinto and ... Late Quaternary slip rate gradient defined using high-resolution . 26 Jul 2009 . The San Andreas fault–Imperial fault (SAF–IF) transtensional ... Early crustal models suggested that much of the southern Salton Trough is ... a, Green lines represent seismic reflection profiles (the red line is the location for Fig. 2). Sinistral cross-faults west of the Salton Sea have low slip-rates (approx ... ?NSF Award Search: Award#0838119 - Collaborative Research . High geologic slip rates since early. Pleistocene initiation of the San Jacinto and San Felipe fault zones in the San Andreas fault system: Southern California ... High Geologic Slip Rates Since Early Pleistocene Initiation of the . The San Felipe fault zone displaces late Pleistocene deposits, has ~ 6.5 km of displacement, ... Rates Since Early Pleistocene Initiation of the San Jacinto and San Felipe Fault Zones in the San Andreas Fault System: Southern California USA. High Geologic Slip Rates Since Early Pleistocene Initiation of the . Professor Department of Geological Sciences San Diego State University 5500 . Hills fault, southern California, and a Holocene slip rate of the San Andreas fault at ... A high-resolution paleoseismic study in the southern San Jacinto fault zone, and Thomas K. Rockwell, 2000, Paleoseismologic evidence for an early to ... High Geologic Slip Rates Since Early Pleistocene Initiation of the . - Google Books Result High geologic slip rates since early Pleistocene initiation of the San Jacinto and . Felipe fault zones in the San Andreas fault system, Southern California, USA. Final Technical Report: G13AP00039 - Earthquake Hazards Program ?20 Aug 2013 . Lawrence Berkeley National Laboratory, Berkeley, California, USA ... [1] In California, where the San Jacinto fault (SJF) and San Andreas ... fault localization below the seismogenic zone [Friedrich et al., 2003; Fay and Humphreys, 2006]. High Geologic Slip Rates since Early Pleistocene initiation of the ... Strike-Slip Deformation along the San Felipe and San . geologic mapping of upper Pliocene to Pleistocene sedimentary rocks in the San Felipe Hills. ... and San Felipe fault zones southwest of the southern San Andreas fault in the early ... geometry of

the San Jacinto fault zone developed after 0.5–0.6 Ma during a ... High Geologic Slip Rates since Early Pleistocene Initiation of the San Jacinto and San Felipe Fault Zones in the San Andreas Fault System: Southern California, USA ... The San Felipe fault zone is not generally regarded as an active fault in the ... High geologic slip rates since early Pleistocene initiation of the San Jacinto and San Felipe fault zones in the San Andreas fault system, Southern California, USA. Thomas K. Rockwell - SDSU College of Sciences - San Diego State ... California and the strike-slip San Andreas fault system, and is one of the most ... the Southern Salton Sea, Obsidian Buttes, the Central Brawley Seismic Zone and the Mesquite ... the Salton Trough, which helps us characterize the amount of shear, (2010), High Geologic Slip Rates since Early Pleistocene Initiation of the San Jacinto and San Felipe Fault Zones in the San Andreas Fault System: Southern California, USA: Geological Society of America ... High geologic slip rates since early Pleistocene initiation of the San Jacinto and San Felipe fault zones in the San Andreas fault system: Southern California, USA . Peninsular Ranges Batholith, Baja and Southern California: - Google Books Result Susanne Janecke - Google Scholar Citations SAFS is defined as San Andreas Fault System somewhat frequently. ... High geologic slip rates since early Pleistocene initiation of the San Jacinto and San Felipe fault zones in the San Andreas fault system, Southern California, USA. Age and structure of the San Jacinto and San Felipe fault zones, and ... High geologic slip rates since early Pleistocene initiation of the San Jacinto and San Felipe fault zones in the San Andreas fault system, Southern California, USA. Stable, rapid rate of slip since inception of the San Jacinto fault . High geologic slip rates since early Pleistocene initiation of the San Jacinto and San Felipe fault zones in the San Andreas fault system: Southern California, USA.