

Donation for China Earthquake Victims

Over 22,069 were killed in the devastating 7.9-magnitude earthquake in Sichuan, China;
Over 14,000 were still buried in debris; Over 168,669 people were injured;
Over 3.5 million homes were destroyed. And the numbers are still rising (till May 16)

Please give your hands to help those children!

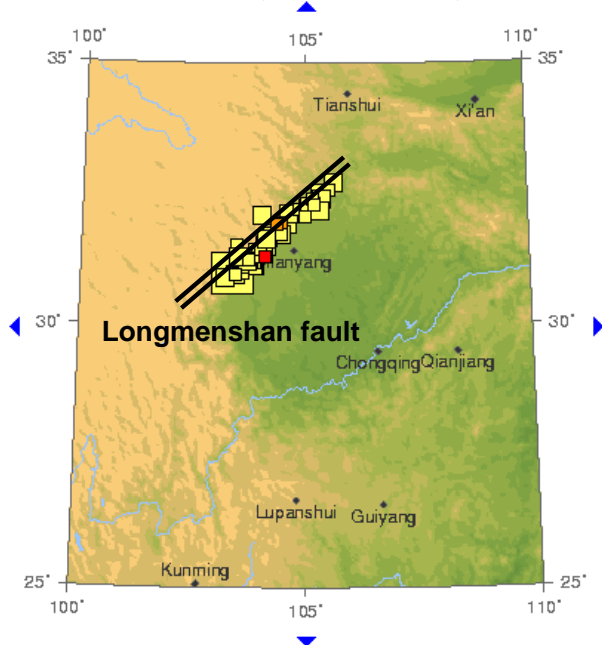


Donation Through:

US Red Cross: http://www.redcross.org/news/in/profiles/Intl_profile_ChinaEarthquake.html
Mercy Corps: <http://www.mercycorps.org/countries/china/2155>
Tzu Chi Foundation: <http://www.us.tzuchi.org>
MIT CSSA: <http://cssa.mit.edu/activities/earthquakerelief2008/>

M=7.9 Earthquake, Sichuan, China

Thu May 15 23:00:02 UTC 2008
55 earthquakes on this map



Tectonic Summary

The Sichuan earthquake of May 12, 2008, occurred as the result of motion on a northeast striking reverse fault or thrust fault on the northwestern margin of the Sichuan Basin.



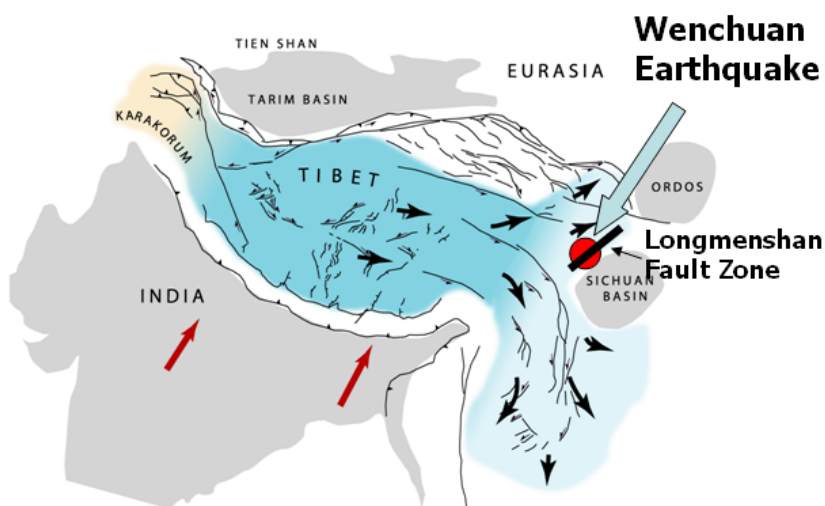
The earthquake's epicenter and focal-mechanism are consistent with it having occurred as the result of movement on the Longmenshan fault or a tectonically related fault. The earthquake reflects tectonic stresses resulting from the

convergence of crustal material slowly moving from the high Tibetan Plateau, to the west, against strong crust underlying the Sichuan Basin and

southeastern China.

The northwestern margin of the Sichuan Basin has previously experienced destructive earthquakes. The magnitude 7.5 earthquake of August 25, 1933, killed more than 9,300 people.

(from US Geological Survey: <http://earthquake.usgs.gov>)



- Our understanding of the earthquake mechanism is still very limited.
- The prediction of earthquakes is still an extremely difficult problem and earthquakes are currently almost unpredictable.
- For more information about this earthquake from MIT geoscientists, please visit: <http://eapsweb.mit.edu>

(Figure above: courtesy of Prof L.H. Royden from MIT)