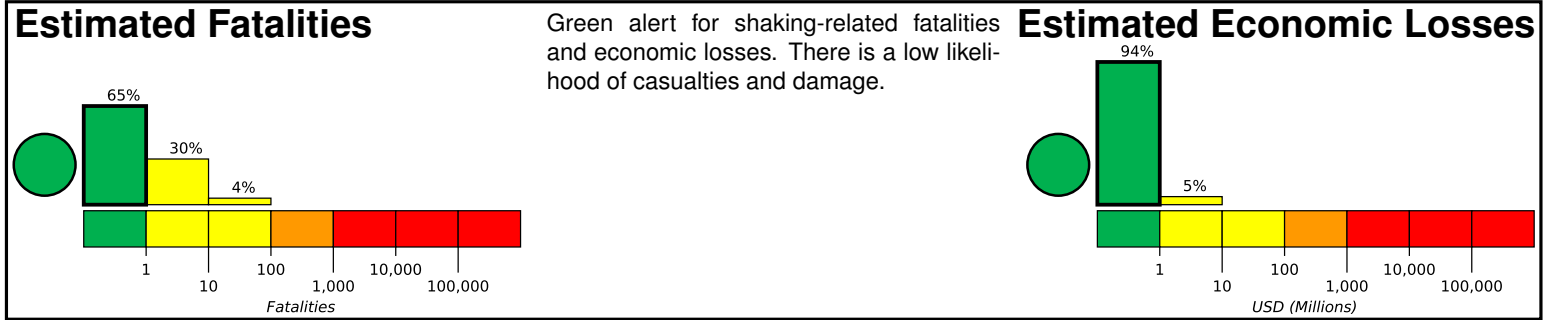


M 5.5, 3km WSW of Magong, China

Origin Time: 2017-09-30 06:14:36 UTC (Sat 14:14:36 local)
Location: 32.3196° N 105.0015° E Depth: 10.0 km

Created: 20 minutes, 50 seconds after earthquake

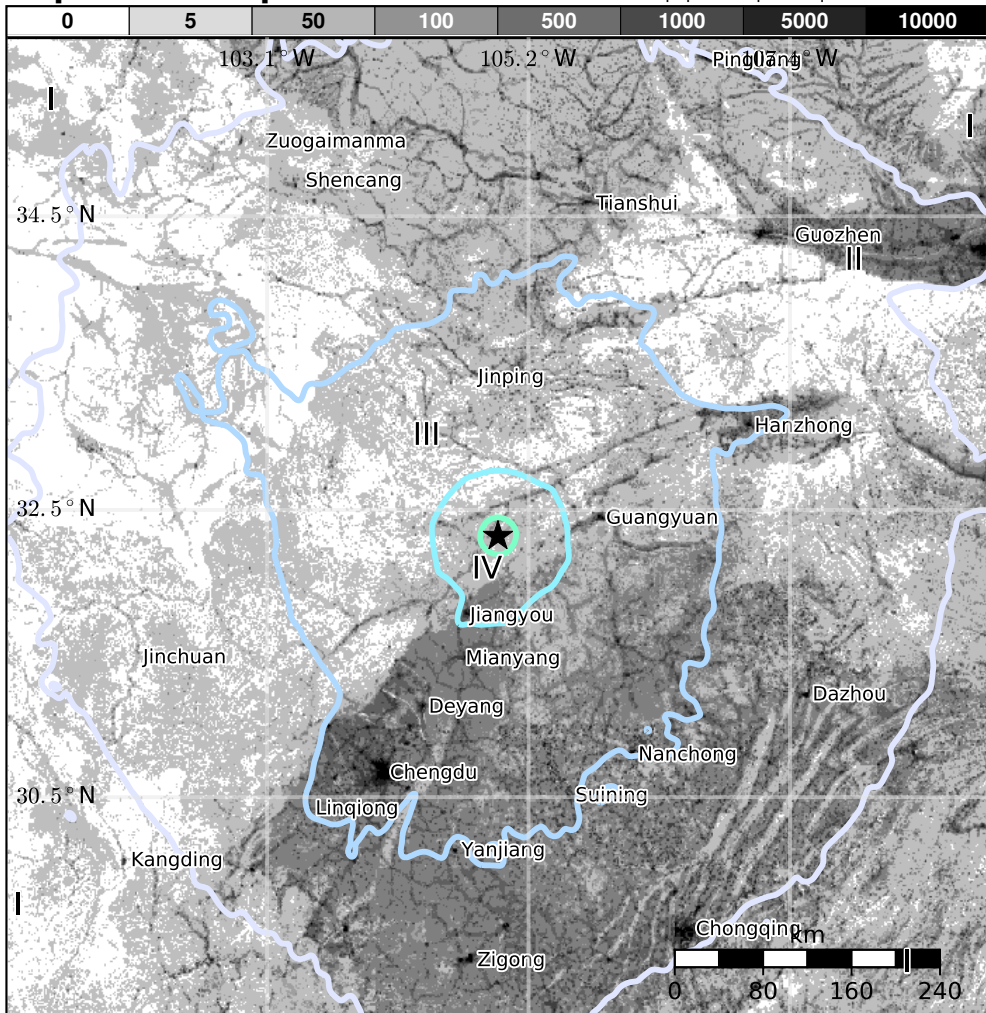


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	14,661k*	115,371k	1,342k	32k	0	0	0	0	0	
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+	
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme	
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are adobe block and unreinforced brick with mud construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1989-11-20	321	5.2	V(95k)	4
2003-11-13	286	5.1	VI(45k)	1
1981-01-23	399	6.5	IX(6k)	126

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Magong	<1k
IV	Suhe	<1k
IV	Liangshui	<1k
IV	Dayuanhuizu	<1k
IV	Qifo	<1k
IV	Qiaozhuang	<1k
III	Chengdu	7,416k
III	Nanchong	7,150k
II	Tianshui	3,500k
II	Xi'an	6,501k
II	Chongqing	7,458k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us2000ax3v#pager>

Event ID: us2000ax3v