

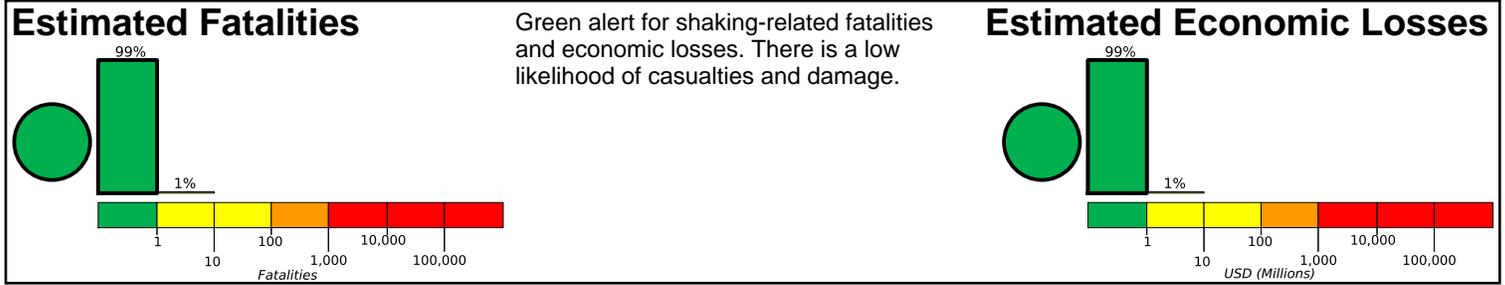
# M 5.3, SOUTHERN SUMATRA, INDONESIA

Origin Time: Wed 2013-02-06 22:12:17 UTC (05:12:17 local)

Location: 1.54°S 100.29°E Depth: 10 km

**PAGER**  
**Version 3**

Created: 3 weeks, 6 days after earthquake

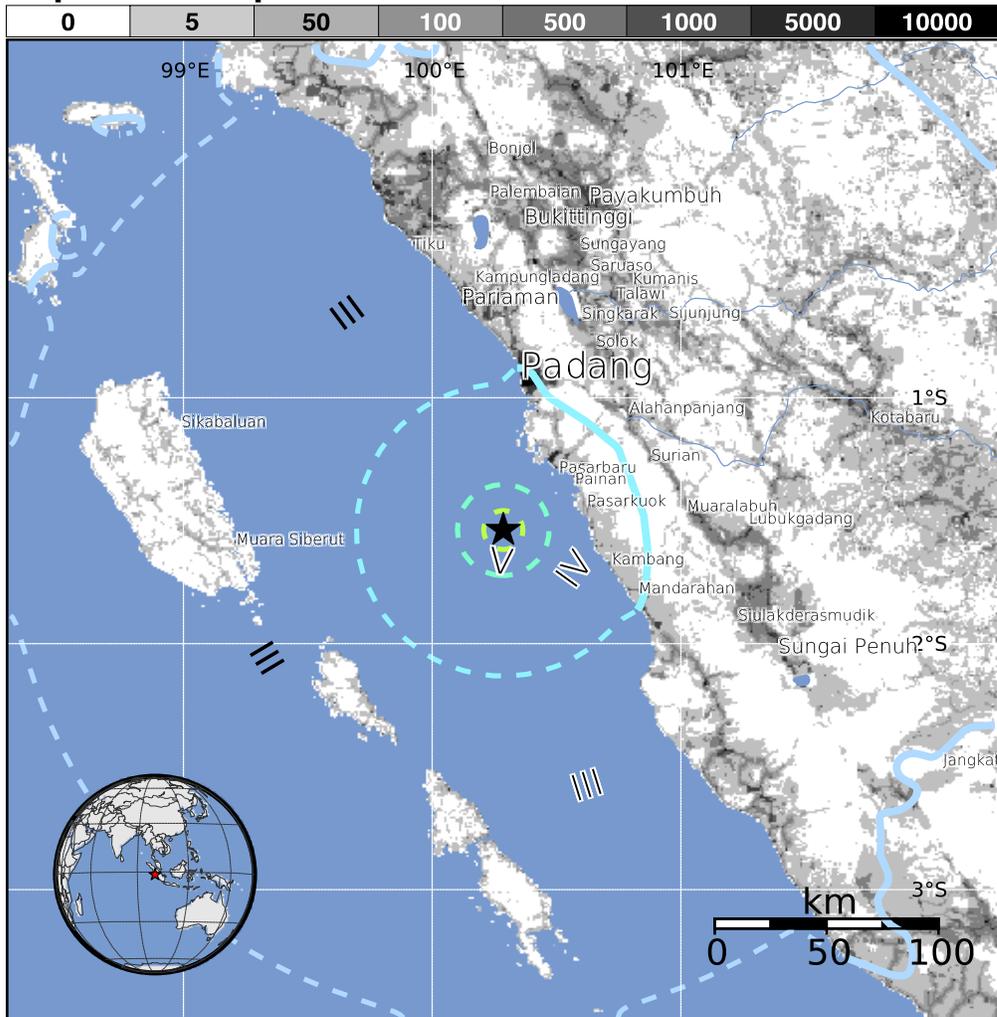


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	6,026k	1,406k	0	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	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/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 some resistant structures exist.

### Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1979-01-11	306	6.2	V(380k)	0
2000-06-05	347	5.5	V(540k)	1
1995-10-06	138	6.7	VIII(41k)	84

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
IV	Pasarbaru	< 1k
IV	Painan	< 1k
IV	Painan	< 1k
IV	Pasarkuok	< 1k
IV	Kambang	< 1k
IV	Padang	840k
III	Solok	48k
III	Pariaman	92k
III	Bukittinggi	99k
III	Payakumbuh	122k
III	Sungai Penuh	96k

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.

<http://earthquake.usgs.gov/pager>

Event ID: usc000f2p0