

M 5.7, MYANMAR

Origin Time: Fri 2013-09-20 12:24:46 UTC (18:54:46 local)

Location: 22.93°N 95.96°E Depth: 4 km

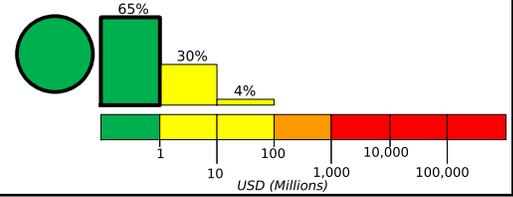
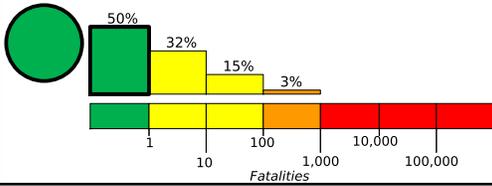
PAGER
Version 7

Created: 4 weeks, 1 day after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

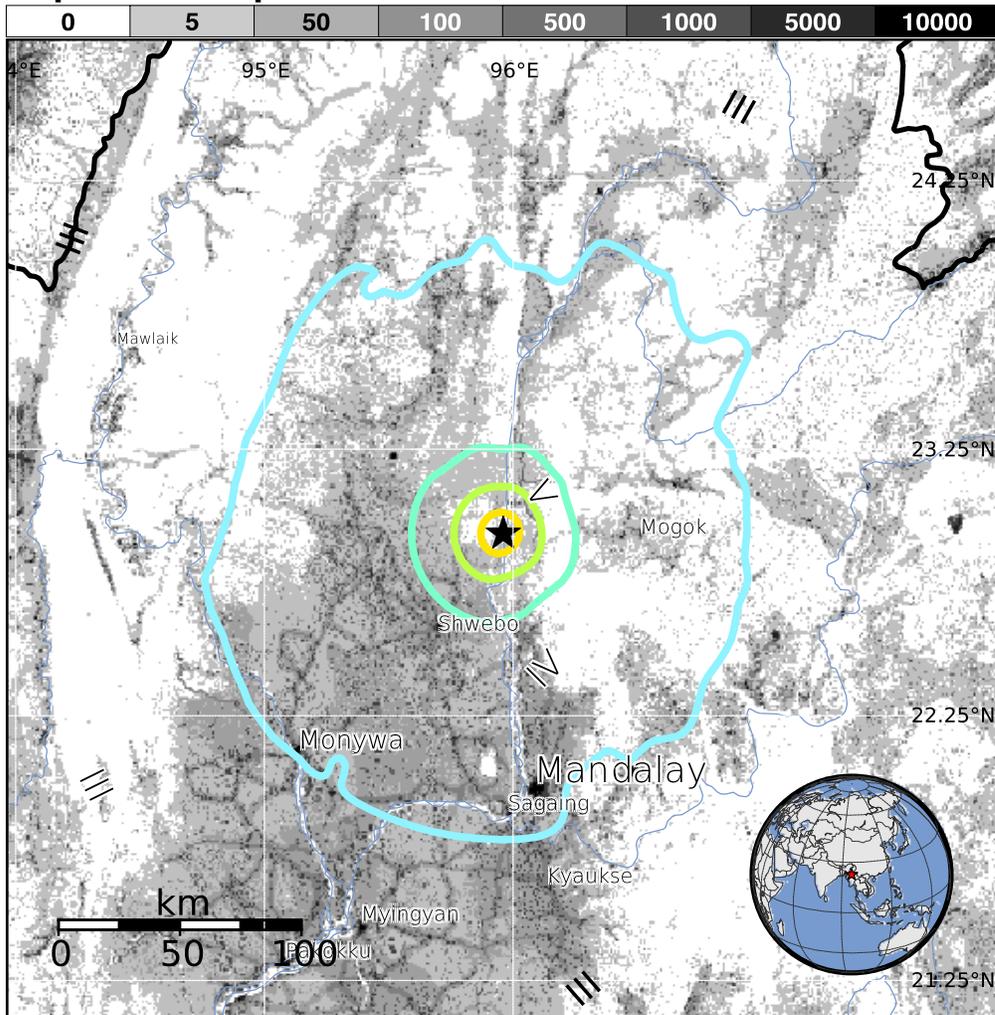


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	- -*	9,128k*	5,694k	143k	38k	5k	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 highly vulnerable to earthquake shaking, though some resistant structures exist.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1977-05-12	342	5.9	VII(9k)	0
1988-08-06	251	7.2	VIII(2k)	3
1995-07-11	342	6.8	IX(3k)	11

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 Shwebo	89k
IV Mogok	91k
IV Mandalay	1,208k
IV Maymyo	117k
IV Sagaing	79k
IV Monywa	182k
III Kyaukse	50k
III Myingyan	142k
III Bhamo	48k
III Pakokku	127k
III Lashio	131k

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: usb000jwly