

**M 6.9, MYANMAR**

Origin Time: Wed 2016-04-13 13:55:17 UTC (19:55:17 local)

Location: 23.10°N 94.87°E Depth: 136 km

**PAGER**  
**Version 3**

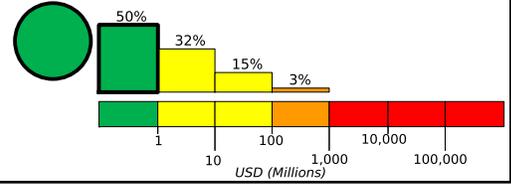
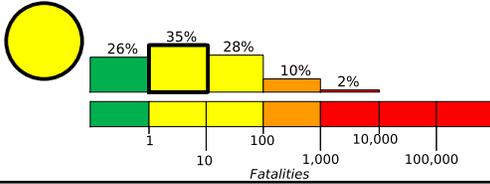
Created: 4 weeks, 1 day after earthquake

**Estimated Fatalities**

Yellow alert level for shaking-related fatalities. Some casualties are possible and the impact should be relatively localized. Past events with this alert level have required a local or regional level response.

Green alert level for economic losses. There is a low likelihood of damage.

**Estimated Economic Losses**

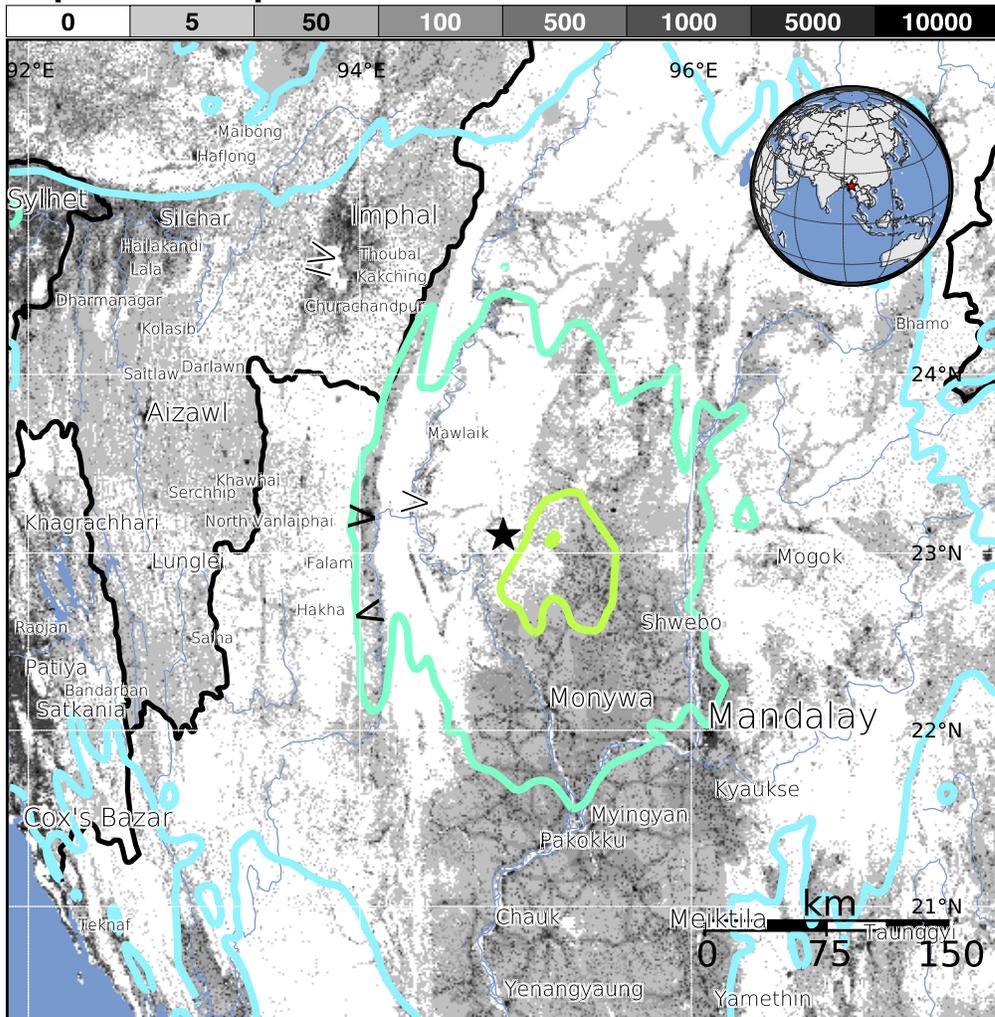


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		- - *	4,377k*	32,093k*	6,266k*	618k	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 highly vulnerable to earthquake shaking, though some resistant structures exist.

**Historical Earthquakes (with MMI levels):**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1975-07-08	190	6.5	VI(352k)	1
1991-01-05	111	6.9	IX(28k)	2
1988-08-06	218	7.2	VIII(2k)	3

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	Sylhet	237k
V	Shwebo	89k
V	Monywa	182k
V	Mawlaik	45k
V	Mandalay	1,208k
IV	Moirang	17k
IV	Imphal	224k
IV	Aizawl	265k
III	Kohima	92k
III	Taunggyi	160k
III	Shillong	133k

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/earthquakes/eventpage/us20005hqz>

Event ID: us20005hqz