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Earthquake Shaking Yellow Alert

GSN ANSS USAID FROM THE AMERICAN PEOPLE

M 6.9, MYANMAR

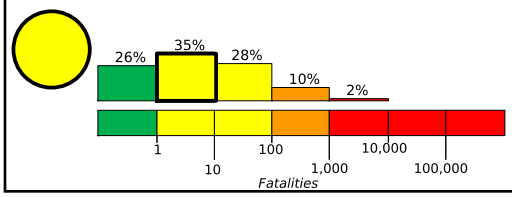
Origin Time: Wed 2016-04-13 13:55:17 UTC (19:55:17 local)

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

PAGER Version 4

Created: 6 weeks, 0 days after earthquake

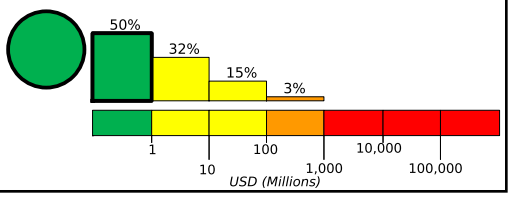
Estimated Fatalities



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



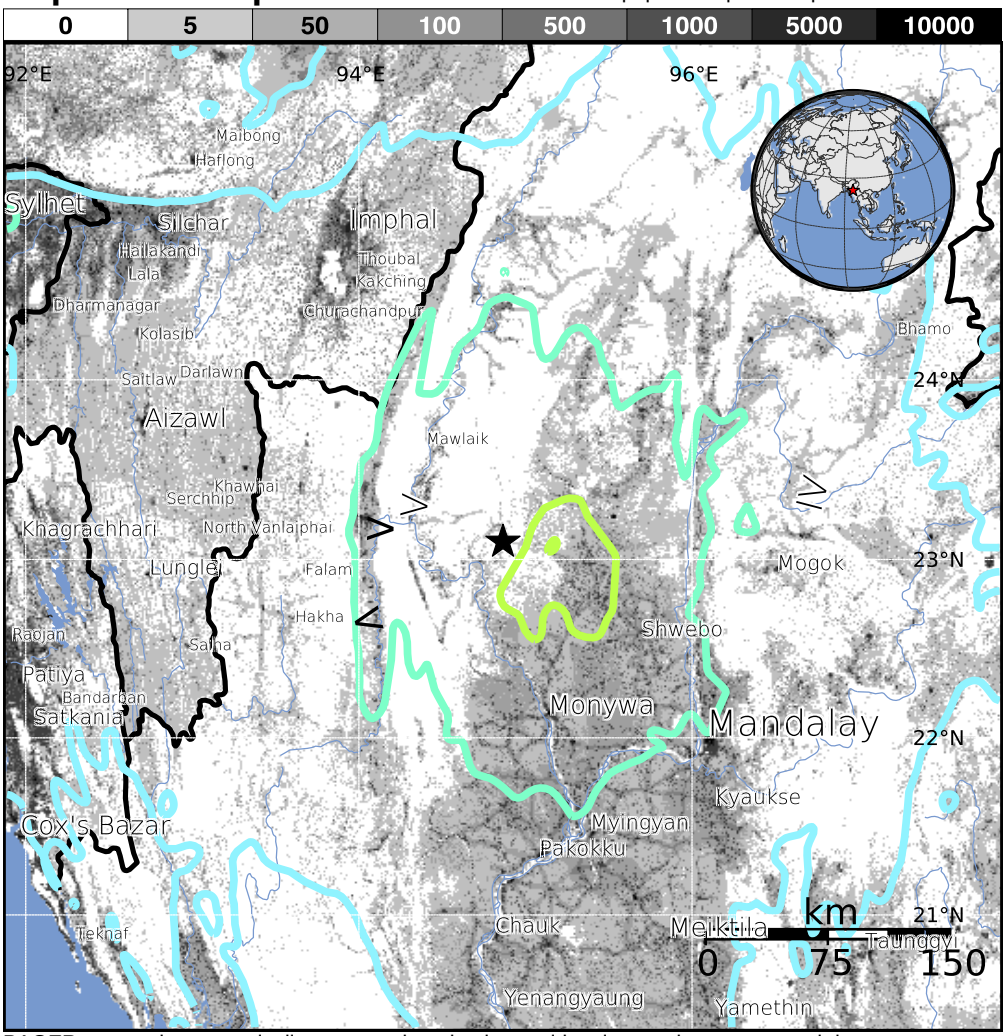
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	4,404k*	32,065k*	6,274k*	611k	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

population per ~1 sq. km from Landscan



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