

M 6.7, MANIPUR, INDIA REGION

Origin Time: Sun 2016-01-03 23:05:22 UTC (04:05:22 local)

Location: 24.83°N 93.66°E Depth: 55 km

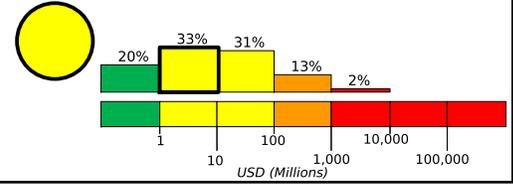
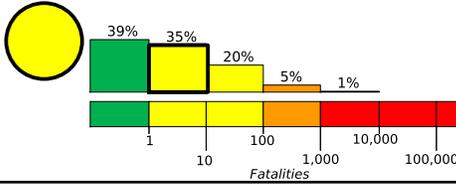
Created: 53 minutes, 6 seconds after earthquake

Estimated Fatalities

Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated Economic Losses

Estimated economic losses are less than 1% of GDP of India.

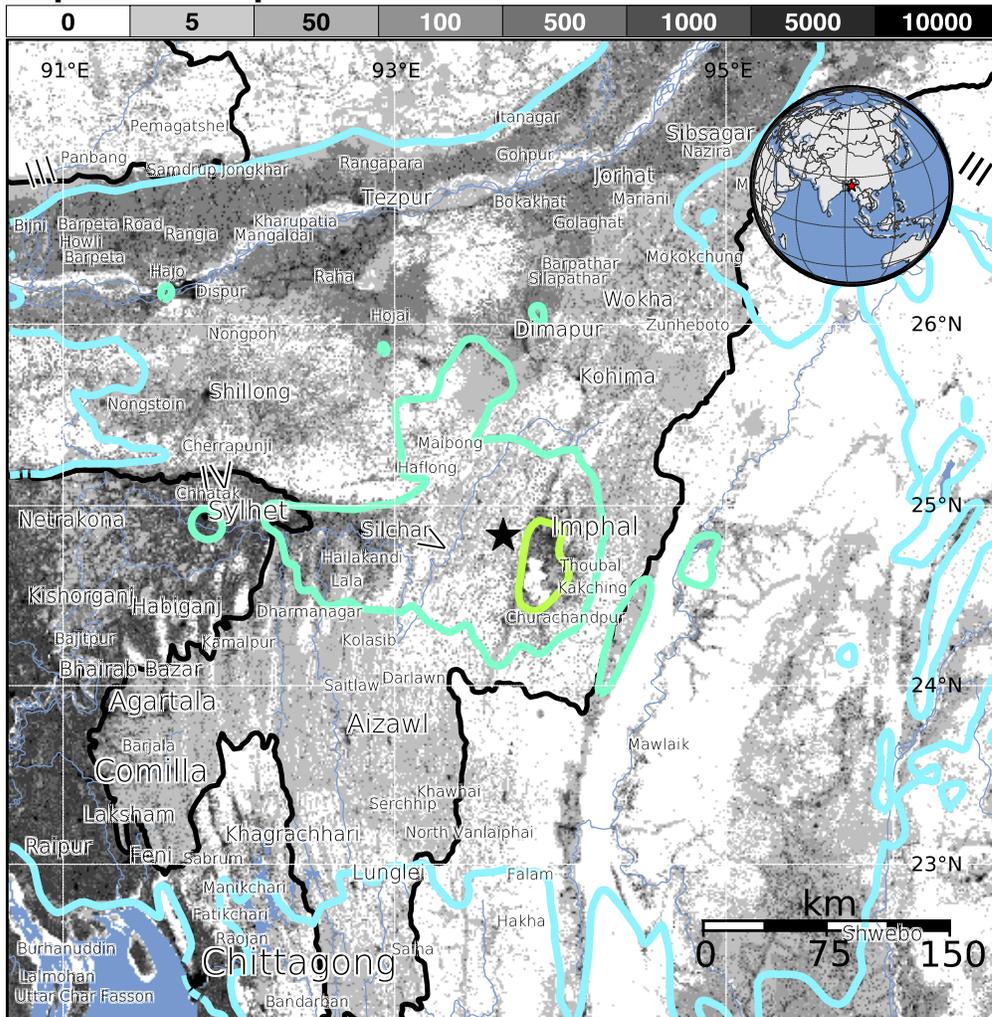


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	- -*	7,463k*	80,758k	6,842k	1,566k	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
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	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. The predominant vulnerable building types are unreinforced brick masonry and adobe block with wood construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2004-12-09	113	5.3	VI(2,873k)	0
1984-12-30	82	6.0	IX(4k)	20
1997-11-21	309	6.1	VII(3k)	23

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
VI Imphal	224k
VI Mayang Imphal	22k
VI Moirang	17k
VI Thoubal	44k
VI Yairipok	9k
VI Wangjing	8k
V Sylhet	237k
IV Shillong	133k
IV Aizawl	265k
IV Agartala	203k
IV Chittagong	3,920k

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/us10004b2n>

Event ID: us10004b2n