

M 5.1, ASSAM, INDIA

Origin Time: Sun 2015-06-28 01:05:28 UTC (06:35:28 local)

Location: 26.64°N 90.41°E Depth: 26 km

PAGER
Version 8

Created: 9 weeks, 3 days after earthquake

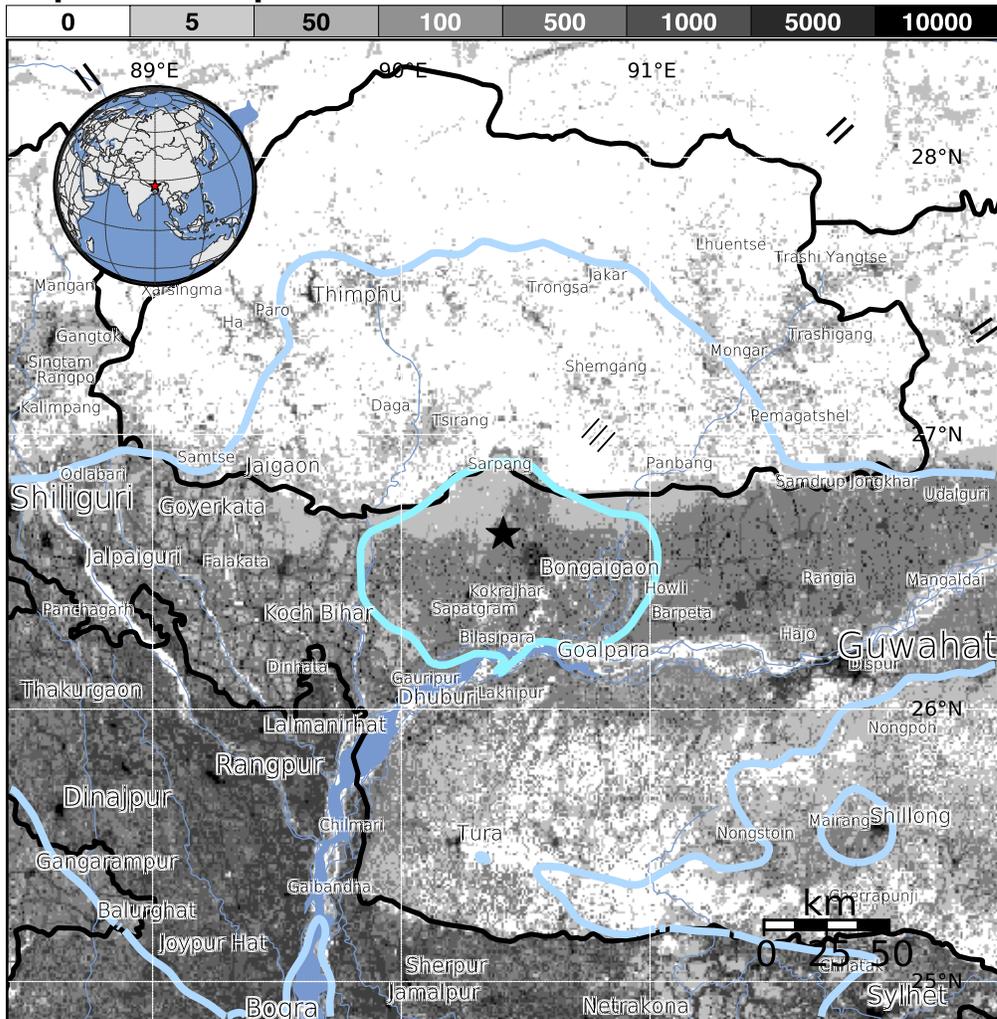


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	55,156k*	4,094k	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 highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are unreinforced brick masonry and rubble/field stone masonry construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2004-12-09	300	5.3	VI(2,873k)	0
1980-11-19	176	6.3	VII(264k)	3
1984-12-30	333	6.0	IX(4k)	20

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Basugaon	13k
IV	Bongaigaon	65k
IV	Kokrajhar	32k
IV	Bijni	13k
IV	Chapar	19k
IV	Sapatgram	12k
III	Thimphu	99k
III	Shillong	133k
II	Sylhet	237k
II	Trashi Yangtse	3k
II	Gangtok	31k

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: us10002m67