

M 5.7, WESTERN XIZANG

Origin Time: Sat 2015-04-25 09:17:02 UTC (17:17:02 local)

Location: 28.39°N 87.32°E Depth: 10 km

Created: 8 weeks, 2 days after earthquake

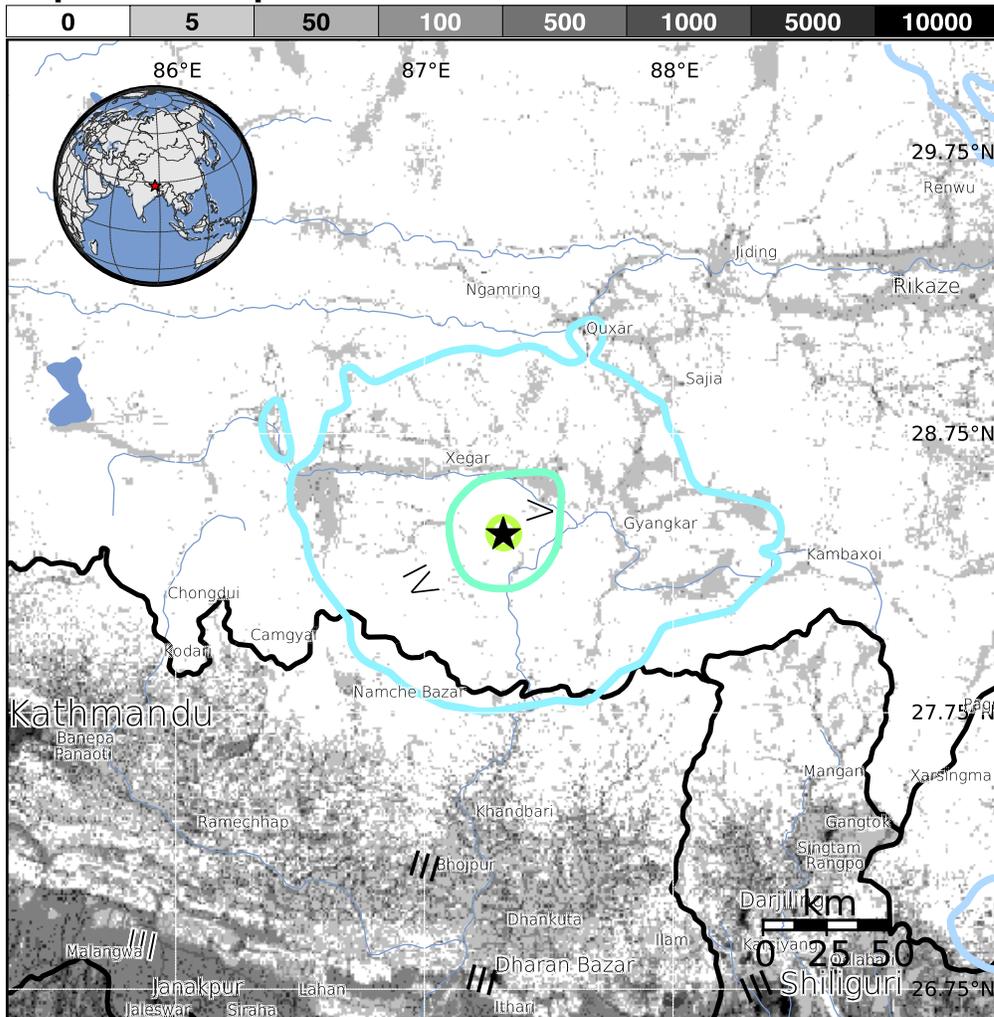


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	15,047k*	125k	5k	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.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1986-06-20	311	6.0	VII(7)	0
1992-07-30	307	6.1	VIII(3k)	0
1980-02-22	266	6.3	IX(32)	0

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 Xegar	< 1k
IV Gyangkar	< 1k
IV Quxar	< 1k
III Kathmandu	1,442k
III Jiding	< 1k
III Sajia	< 1k
III Shiliguri	516k
III Dhankuta	22k
III Gangtok	31k
III Darjiling	124k
III Samtse	< 1k

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: us2000294g