

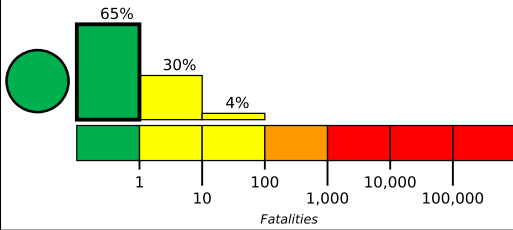
M 5.3, 7km NE of Sapatgram, India

Origin Time: 2018-09-12 04:50:46 UTC (Wed 10:20:46 local)
Location: 26.3740° N 90.1647° E Depth: 10.0 km

PAGER
Version 3

Created: 2 hours, 3 minutes after earthquake

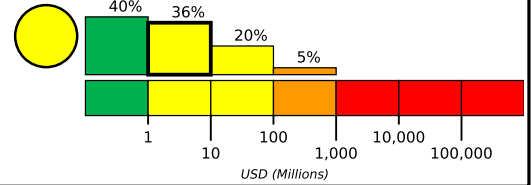
Estimated Fatalities



Yellow alert for economic losses. Some damage is possible and the impact should be relatively localized. Estimated economic losses are less than 1% of GDP of India. Past events with this alert level have required a local or regional level response.

Green alert for shaking-related fatalities. There is a low likelihood of casualties.

Estimated Economic Losses

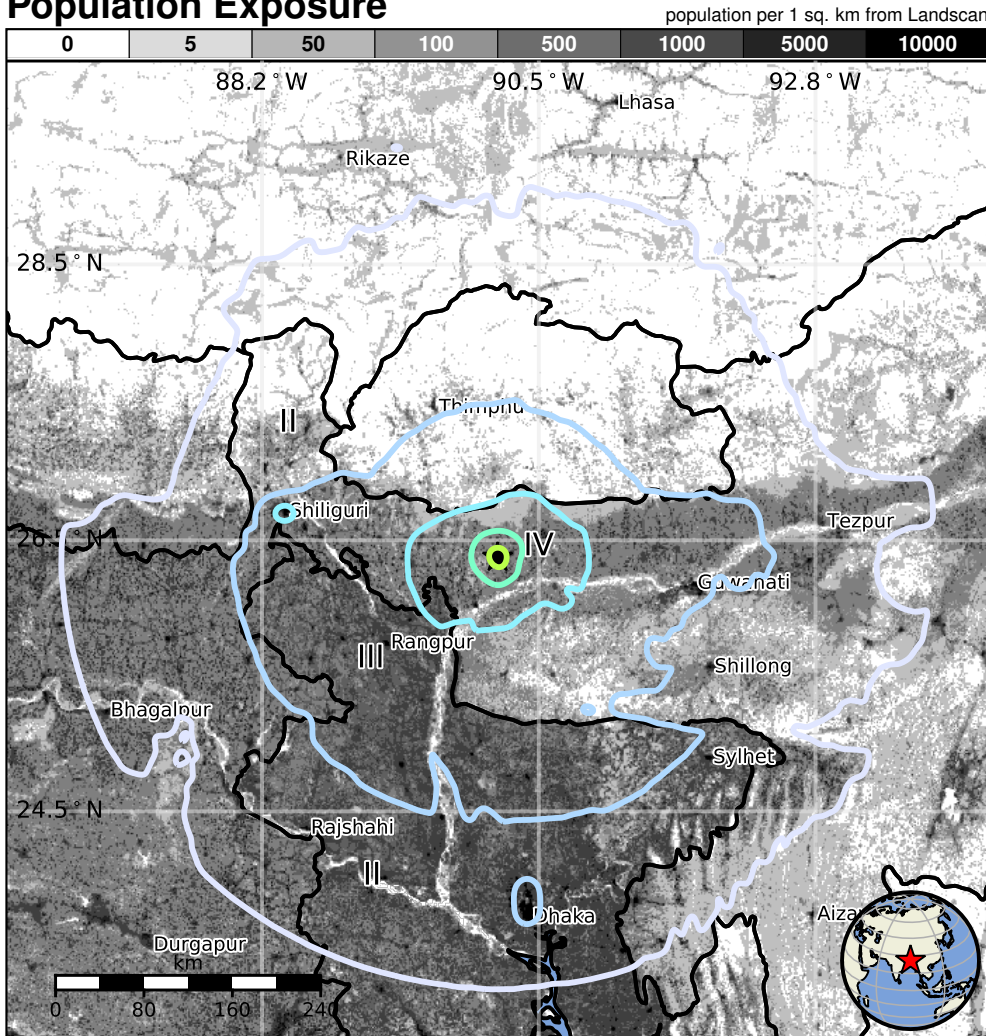


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	84,634k	207,674k	8,103k	738k	244k	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	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./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 vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are adobe block with wood and rubble/field stone masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1988-02-06	232	5.8	VII(866k)	2
1980-11-19	176	6.3	VII(264k)	3
1988-08-20	357	6.8	VIII(12k)	1k

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
VI	Sapatgram	12k
V	Kokrajhar	32k
V	Bilasipara	38k
IV	Goshingaon	14k
IV	Basugaon	13k
IV	Chapar	19k
III	Rangpur	343k
III	Dhaka	10,356k
II	Rajshahi	700k
I	Khulna	1,342k
I	Aizawl	265k

bold cities appear on map.

(k=x1000)