

**M 5.8, PAKISTAN**

Origin Time: Tue 2013-09-24 11:36:27 UTC (16:36:27 local)

Location: 27.21°N 65.57°E Depth: 10 km

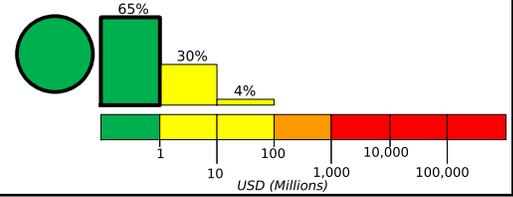
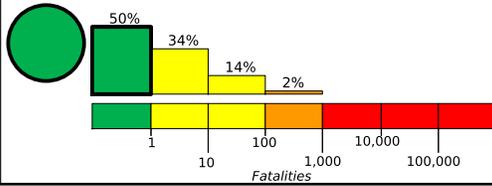
**PAGER**  
**Version 5**

Created: 11 weeks, 2 days after earthquake

**Estimated Fatalities**

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

**Estimated Economic Losses**

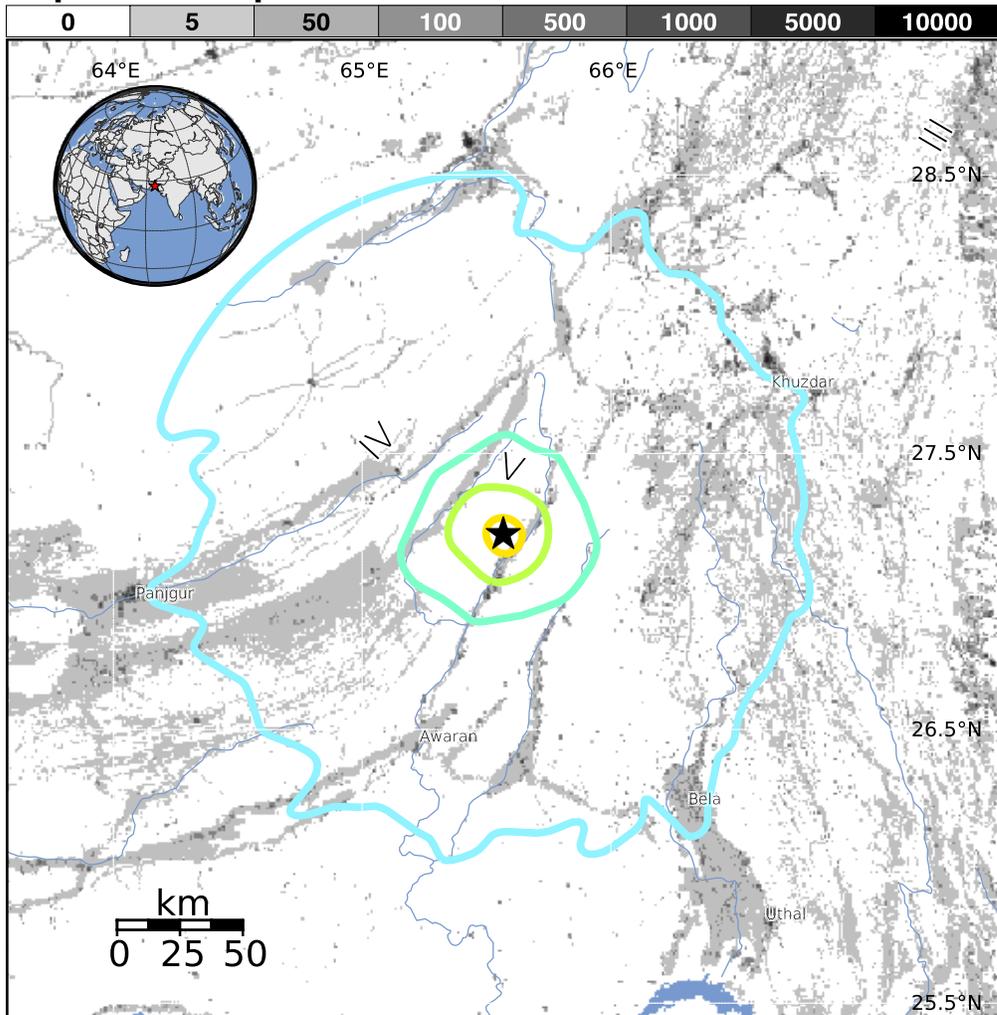


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	1,188k*	658k	24k	14k	2k	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
1992-01-30	362	5.8	VII(466)	0
1981-12-12	322	4.6	V(486k)	6
1997-02-27	384	7.1	VIII(139k)	60

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
IV	Awaran	< 1k
IV	Khuzdar	< 1k
IV	Bela	20k
III	Panjgur	< 1k
III	Kharan	31k
III	Surab	13k
III	Uthal	16k
III	Dalbandin	15k
III	Gandava	< 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: usb000jyj7