

# M 5.2, HINDU KUSH REGION, AFGHANISTAN

Origin Time: Sun 2016-02-21 09:12:08 UTC (13:12:08 local)

Location: 36.48°N 70.87°E Depth: 174 km

Created: 6 weeks, 1 day 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

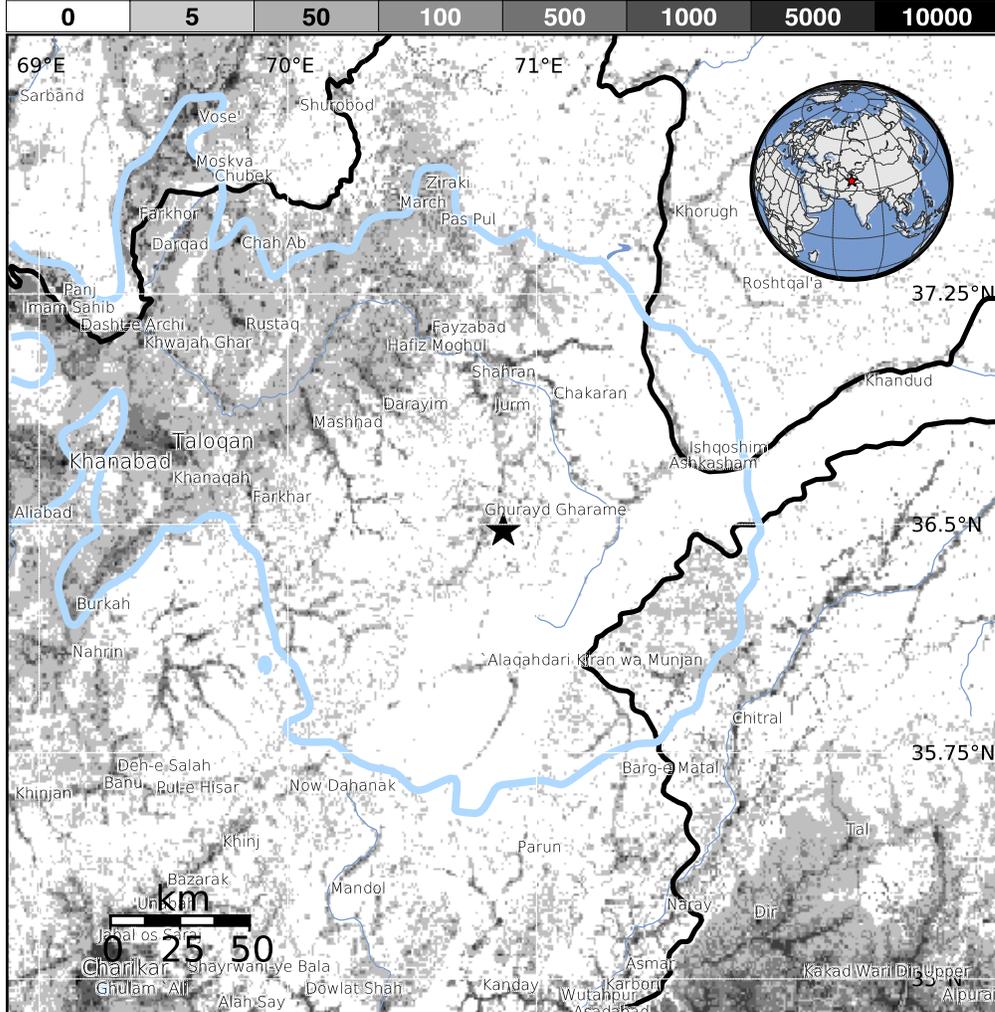


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	9,518k	0	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.

### Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2004-08-10	14	6.0	IV(574k)	0
1998-12-11	13	5.6	III(3,546k)	5
1998-05-30	100	6.5	VII(715k)	4k

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
III	Mashhad	< 1k
III	Hafiz Moghul	< 1k
III	Taloqan	64k
III	Darqad	< 1k
III	Dasht-e Qal'ah	< 1k
III	Kalafgan	< 1k
III	Fayzabad	44k
II	Khorugh	30k
II	Parun	< 1k
II	Asadabad	48k
II	Charikar	54k

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/us10004rhs>

Event ID: us10004rhs