

**M 5.6, TAJIKISTAN**

Origin Time: Fri 2016-03-18 16:11:00 UTC (21:11:00 local)

Location: 38.02°N 72.41°E Depth: 10 km

**PAGER**  
**Version 2**

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**

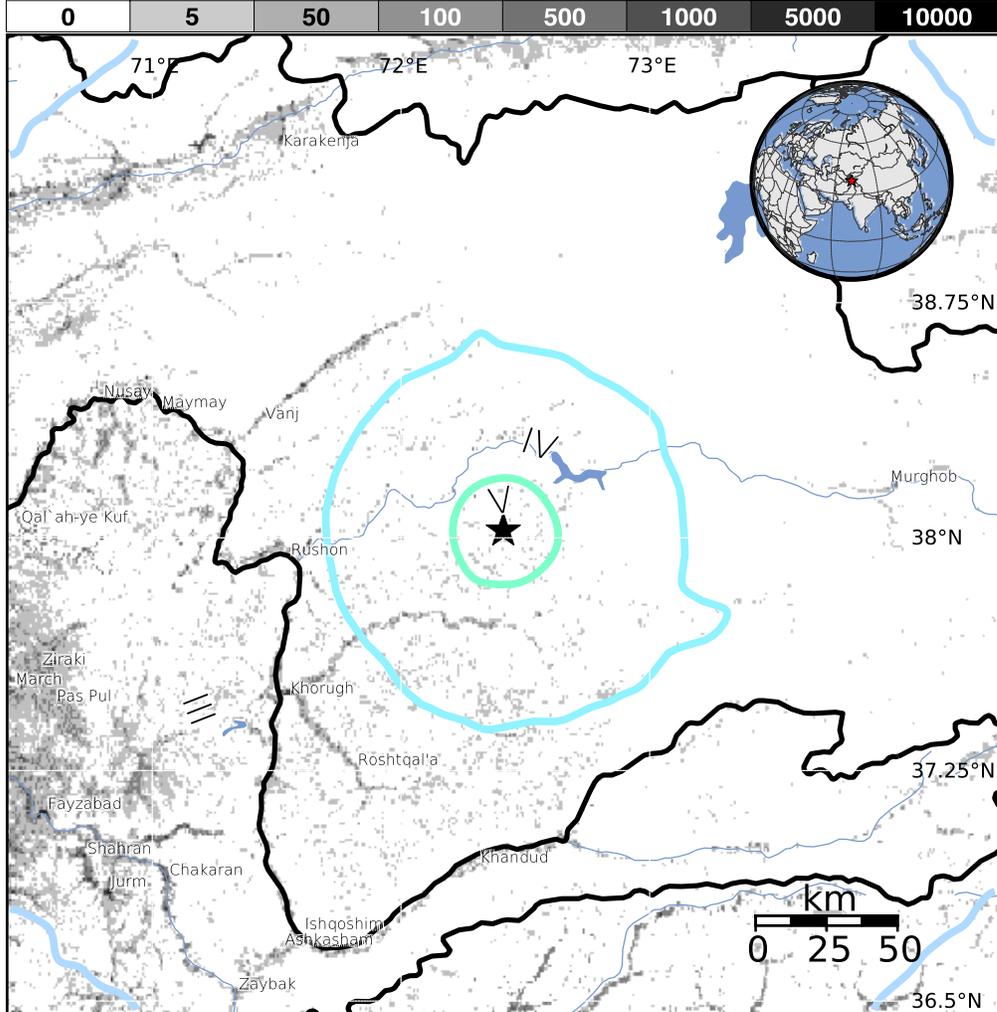


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		- - *	1,252k*	28k	1k	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 vulnerable to earthquake shaking, though some resistant structures exist.

**Historical Earthquakes (with MMI levels):**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1973-01-03	137	5.5	VI(404)	0
2002-01-09	238	5.2	VI(51k)	3
1985-10-13	345	5.8	VIII(17k)	29

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
III	Rushon	< 1k
III	Vanj	< 1k
III	Khorugh	30k
III	Roshtqal'a	< 1k
III	Khandud	6k
III	Maymay	< 1k
III	Murghob	11k
III	Ashkasham	12k
III	Ishqoshim	26k
III	Fayzabad	44k
III	Jurm	12k

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/us20005ate>

Event ID: us20005ate