

M 7.2, TAJIKISTAN

Origin Time: Mon 2015-12-07 07:50:07 UTC (12:50:07 local)

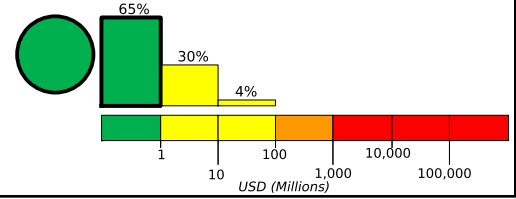
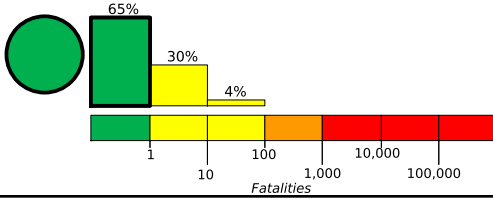
Location: 38.26°N 72.72°E Depth: 28 km

Created: 24 minutes, 4 seconds 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

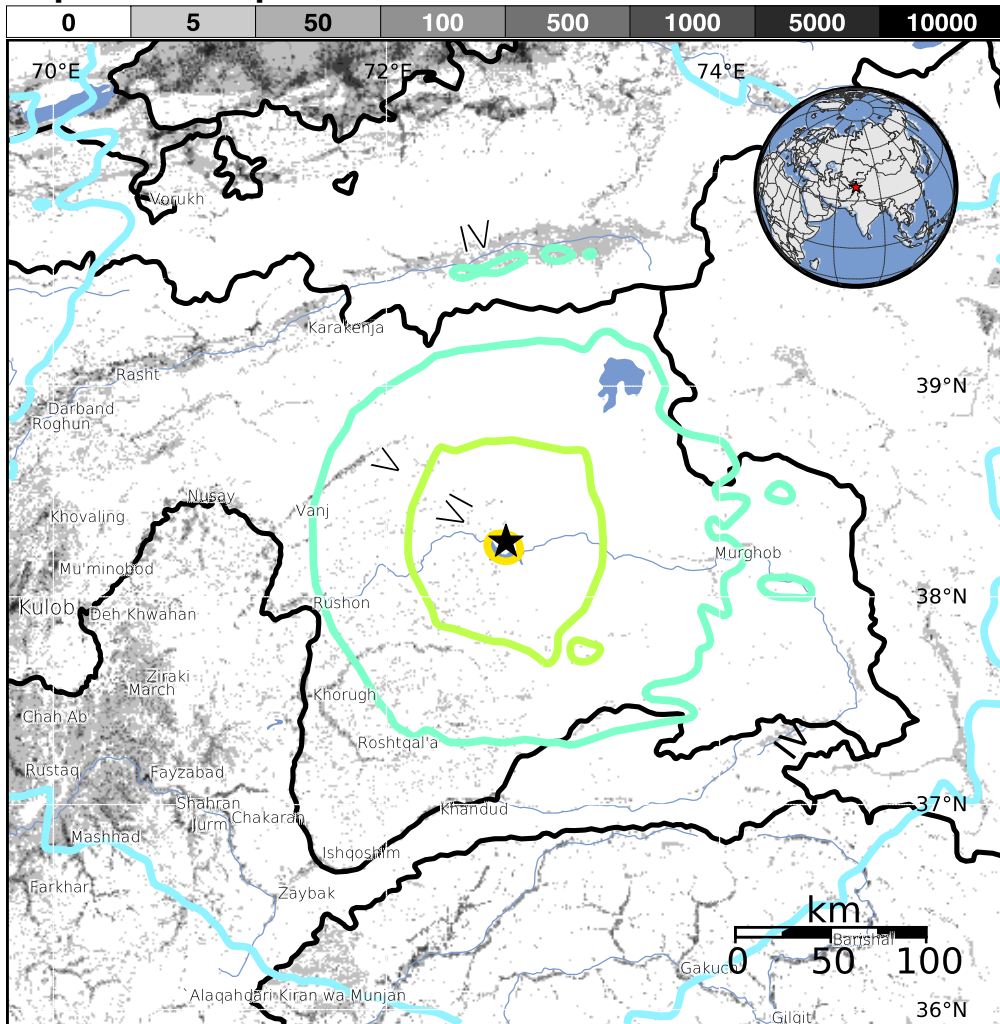


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	491k*	7,894k*	82k	6k	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
1992-11-23	33	5.6	VI(2k)	0
2002-01-09	254	5.2	VI(51k)	3
1985-10-13	340	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
V	Murghob	11k
V	Rushon	< 1k
IV	Vanj	< 1k
IV	Karakenja	3k
IV	Khorugh	30k
IV	Khandud	6k
IV	Farg`ona	164k
IV	Batken	10k
IV	Qo`qon	187k
IV	Osh	200k
IV	Fayzabad	44k

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: us100044k6