

**M 5.5, KYRGYZSTAN**

Origin Time: Tue 2016-06-28 21:38:04 UTC (03:38:04 local)

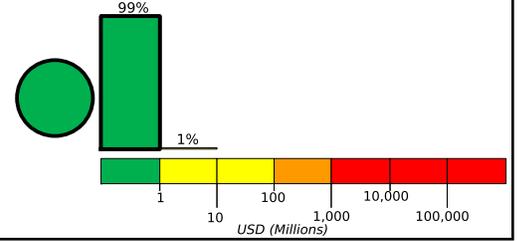
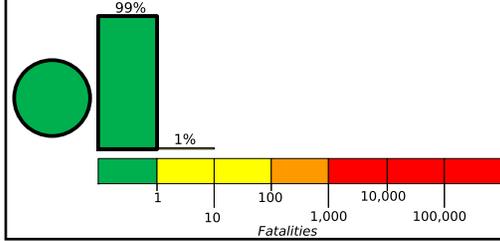
Location: 39.47°N 73.33°E Depth: 13 km

Created: 2 weeks, 3 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**

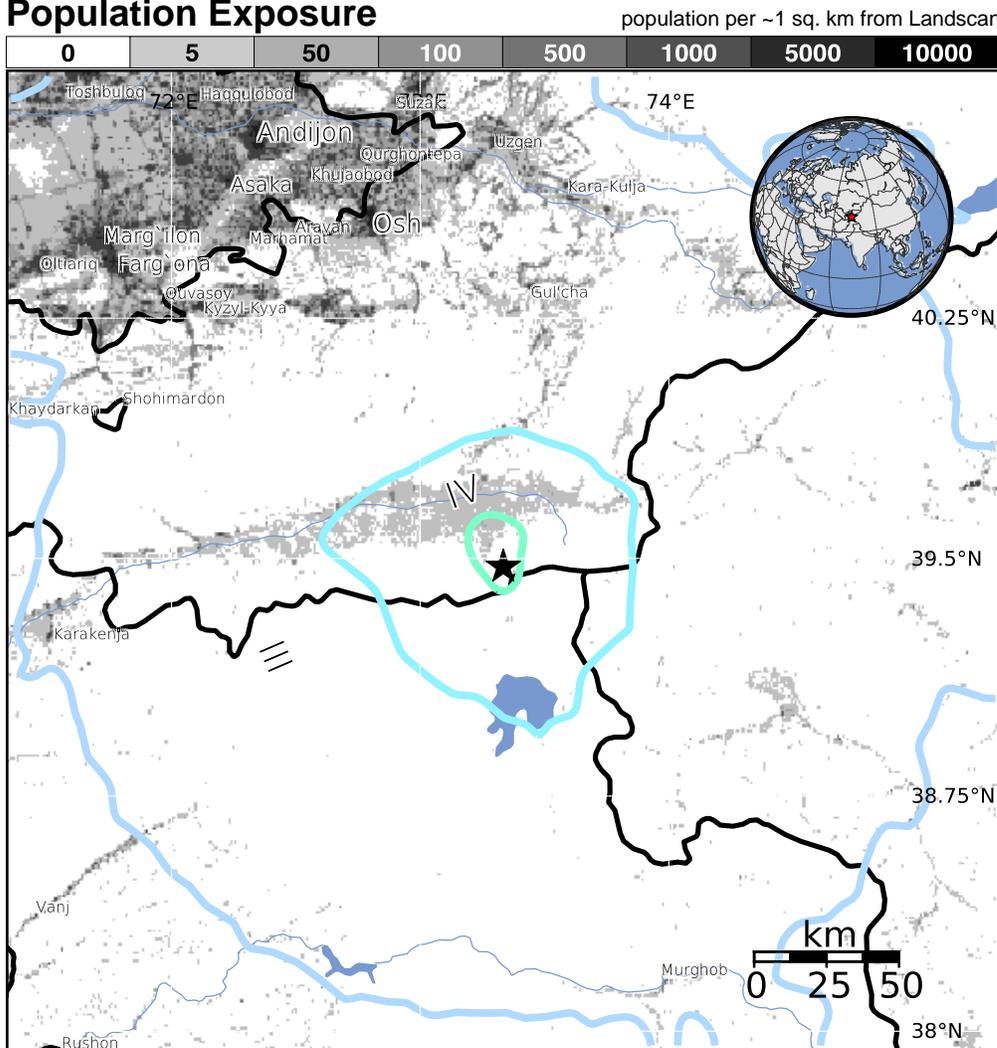


**Estimated Population Exposed to Earthquake Shaking**

<b>ESTIMATED POPULATION EXPOSURE (k = x1000)</b>		--*	7,105k	32k	3k	0	0	0	0	0
<b>ESTIMATED MODIFIED MERCALLI INTENSITY</b>		I	II-III	IV	V	VI	VII	VIII	IX	X+
<b>PERCEIVED SHAKING</b>		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
<b>POTENTIAL DAMAGE</b>	<b>Resistant Structures</b>	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	<b>Vulnerable Structures</b>	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
2002-09-05	121	5.4	VII(27)	0
1983-12-16	36	5.9	VIII(60)	12
1992-08-19	294	7.2	IX(2k)	61

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 Gul'cha	< 1k
III Kara Suu	18k
III Khujaobod	17k
III Osh	200k
III Aravan	< 1k
III Karavan	1k
III Andijon	318k
III Farg'ona	164k
III Jalal-Abad	76k
III Marg'ilon	133k
III Namangan	432k

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/us200067p3>

Event ID: us200067p3