

**M 5.5, KYRGYZSTAN**

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

Location: 39.47°N 73.34°E Depth: 13 km

**PAGER**  
**Version 2**

Created: 5 weeks, 1 day after earthquake

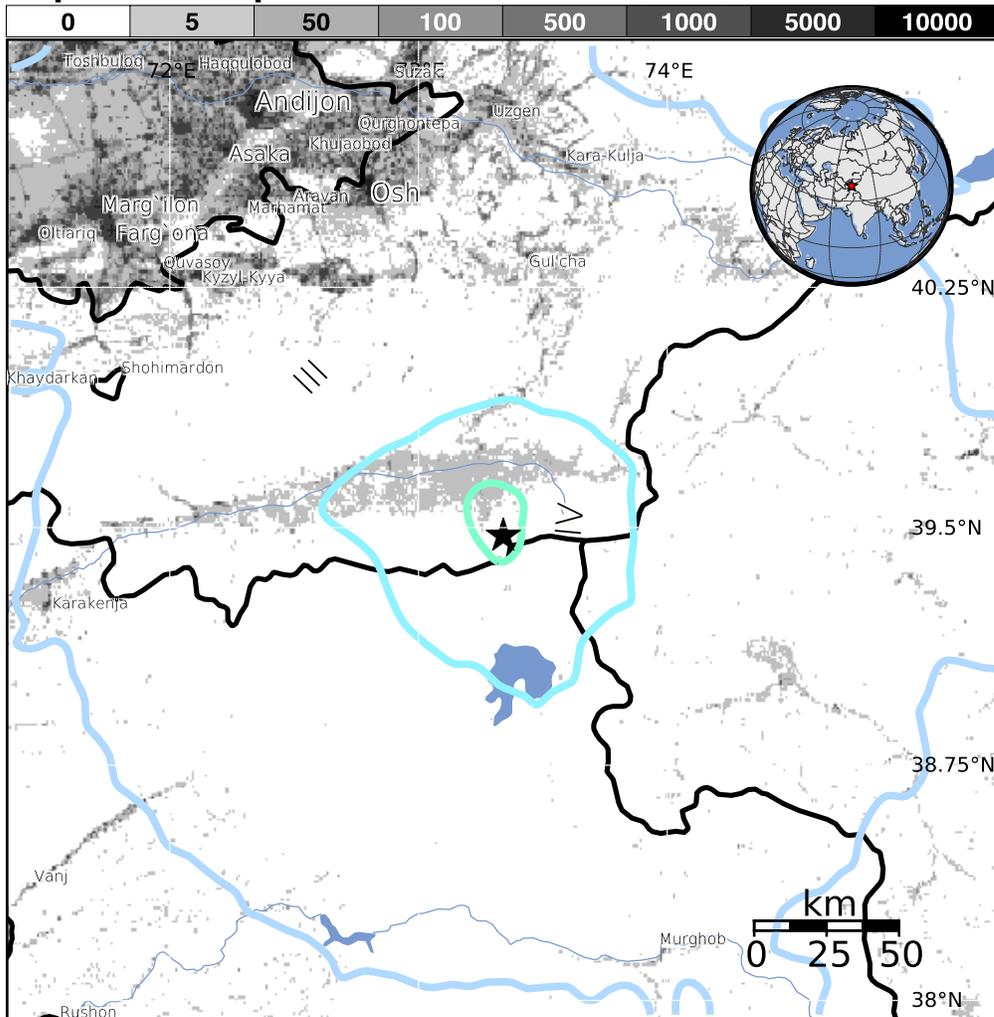


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	7,095k	32k	3k	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
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 Osh	200k
III Kara Suu	18k
III Marhamat	15k
III Karavan	1k
III Khujaobod	17k
III Farg'ona	164k
III Andijon	318k
III Marg'ilon	133k
III Jalal-Abad	76k
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