M 5.8, HINDU KUSH REGION, AFGHANISTAN

Origin Time: Sat 2008-09-06 05:47:40 UTC
Location: 36.52°N 70.93°E Depth: 192 km

PAGER
Version 1
Created: 3 days, 2 hrs after earthquake

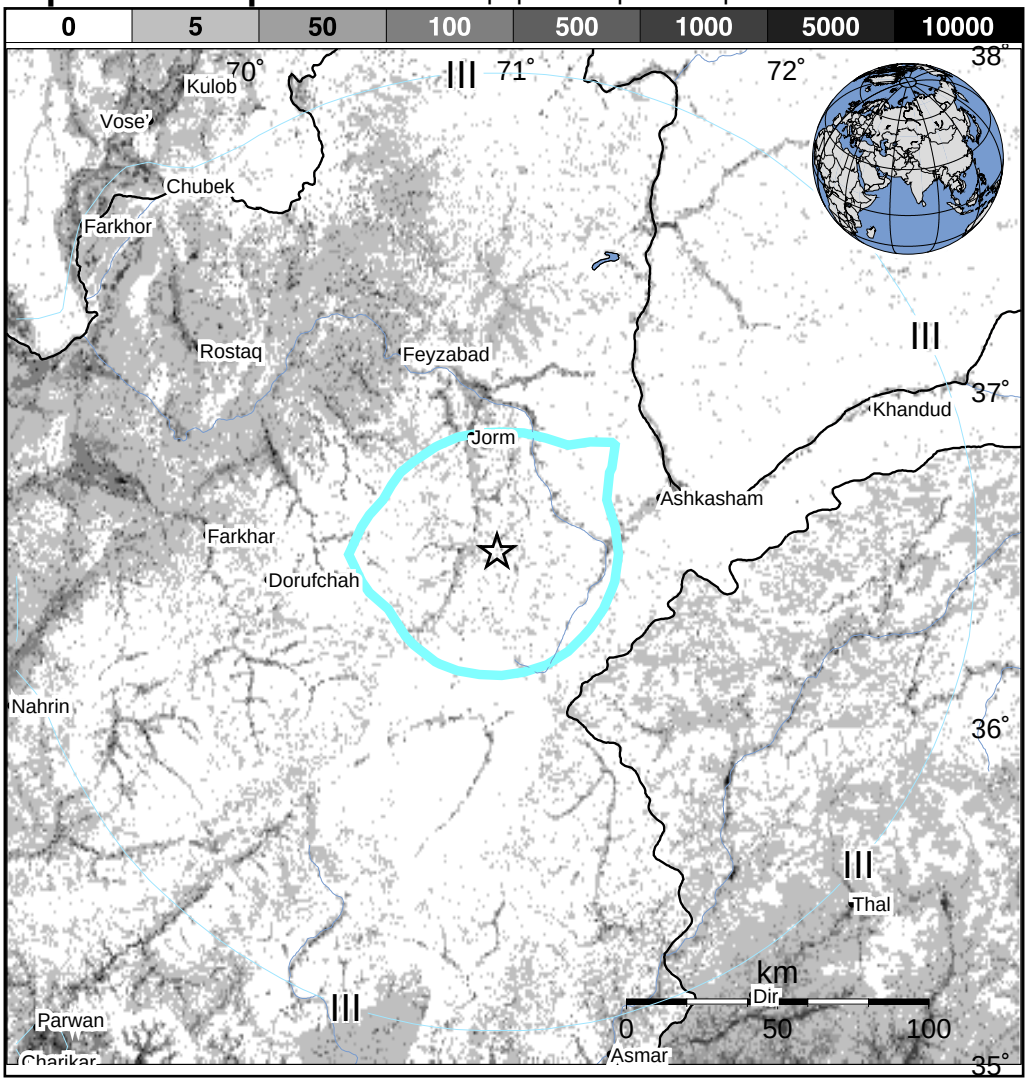
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	5,302k*	283k	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

population per ~1 sq. km from Landscan 2006



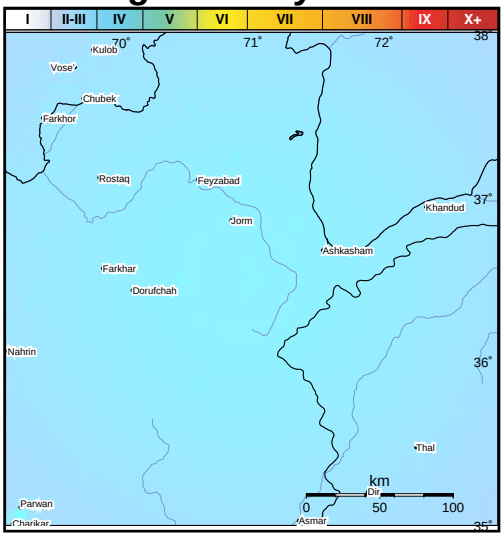
Selected City Exposure

MMI	City	Population
IV	**Jorm**	**12k**
III	**Ashkasham**	**12k**
III	**Feyzabad**	**40k**
III	**Dorufchah**	**4k**
III	**Farkhar**	**10k**
III	**Parwan**	**15k**
III	At Khvajeh	18k
III	Talikan	64k
III	**Khanabad**	**71k**
III	**Charikar**	**53k**
III	**Kulob**	**78k**

bold cities appear on map (k = x1000)

Shaking Intensity

MMI



Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. A magnitude 5.9 earthquake 103 km Northeast of this one struck Afghanistan-Tajikistan on February 04, 1998 (UTC), with estimated population exposures of 3,000 at intensity VIII and 17,000 at intensity VII, resulting in an estimated 2,323 fatalities. On October 08, 2005 (UTC), a magnitude 7.6 earthquake 332 km Northeast of this one struck Kashmir, Pakistan, with estimated population exposures of 280,000 at intensity IX or greater and 825,000 at intensity VIII, resulting in an estimated 87,351 fatalities. Recent earthquakes in this area have caused, landslides and liquefaction that may have contributed to losses.