

M 6.2, IRAN-IRAQ BORDER REGION

Origin Time: Mon 2014-08-18 02:32:05 UTC (07:02:05 local)

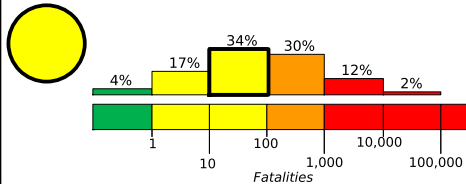
Location: 32.74°N 47.67°E Depth: 10 km

PAGER
Version 1

Created: 17 minutes, 35 seconds after earthquake

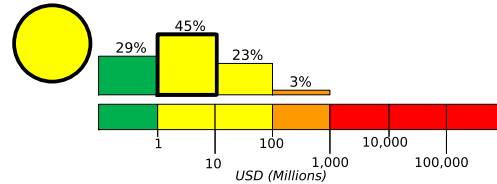
Estimated Fatalities

Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.



Estimated economic losses are less than 1% of GDP of the Islamic Republic of Iran.

Estimated Economic Losses

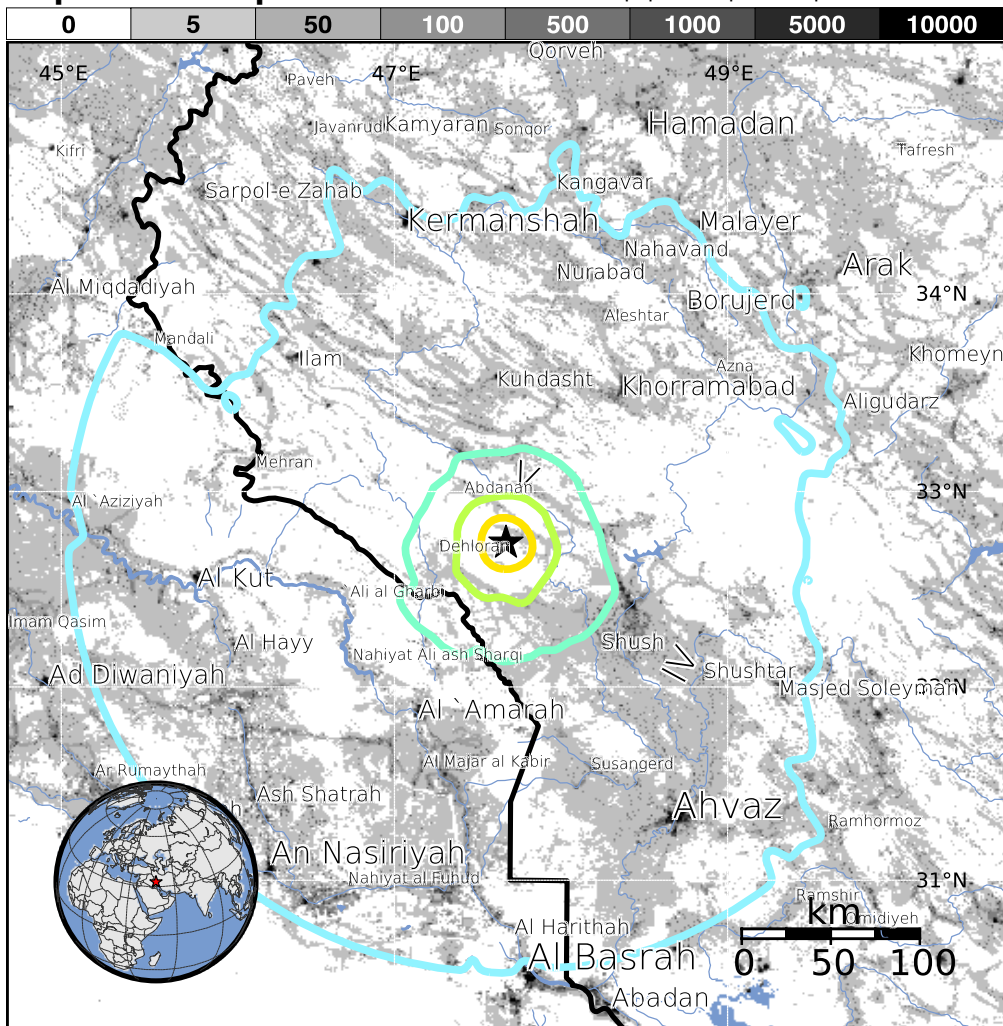


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	- - *	9,796k*	12,186k	266k	26k	4k	1k	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 highly vulnerable to earthquake shaking, though some resistant structures exist.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1991-11-04	333	5.6	VIII(295)	0
2002-06-22	340	6.5	VIII(4k)	227
1977-04-06	293	6.0	VIII(31k)	366

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	Abdanan	19k
V	Dehloran	46k
IV	Shush	52k
IV	Kuhdasht	100k
IV	Al`Amarah	323k
IV	Ahvaz	841k
IV	Kermanshah	621k
IV	Arak	504k
IV	Al Basrah	2,600k
III	Hamadan	528k

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: usb000s3np