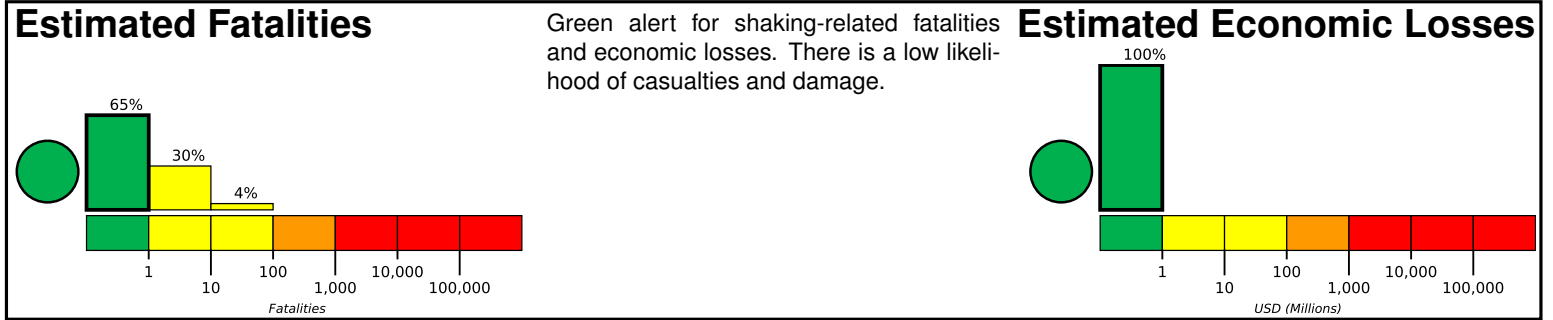


M 5.4, 28 km NW of Yasuj, Iran
Origin Time: 2021-02-17 18:35:35 UTC (Wed 22:05:35 local)
Location: 30.8390° N 51.3651° E Depth: 7.0 km

Created: 9 weeks, 1 day after earthquake

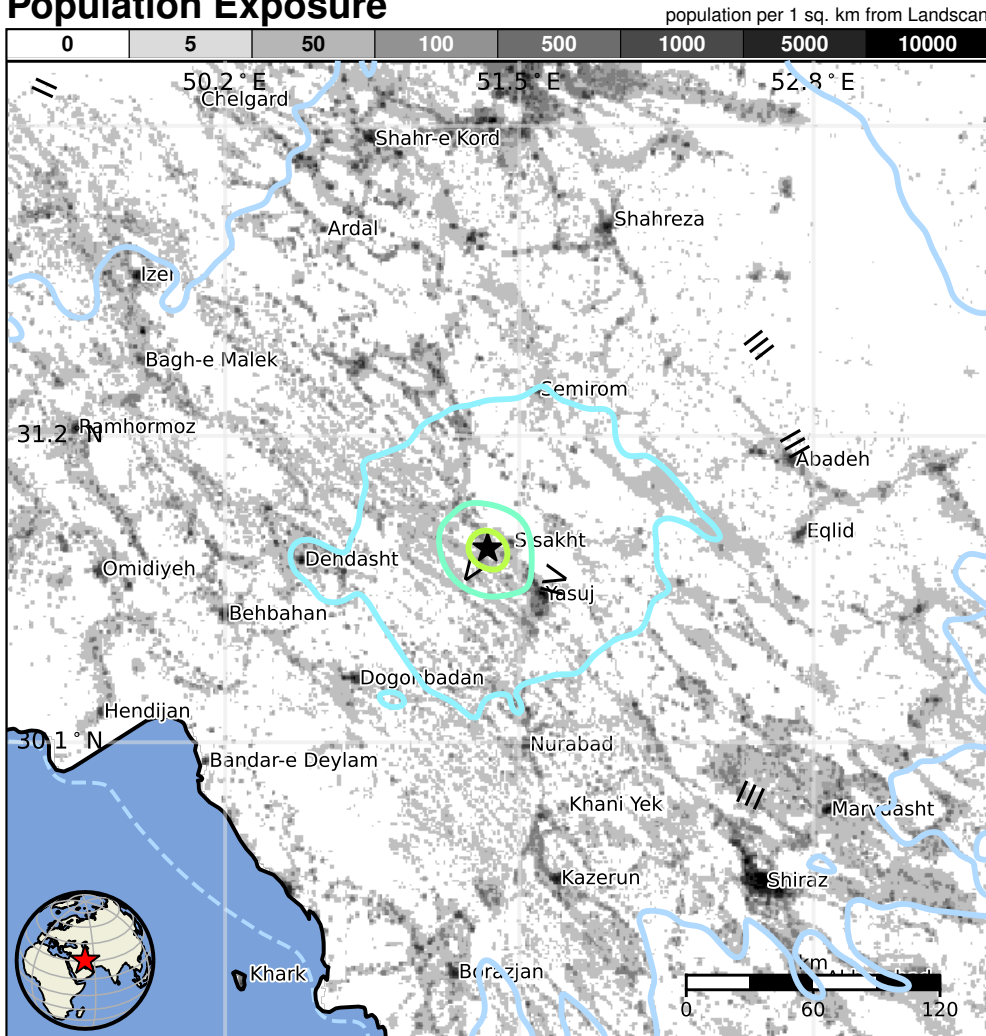


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	7,236k	786k	45k	17k	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	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./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. The predominant vulnerable building types are adobe block and unreinforced brick with mud and timber post construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1999-05-06	161	6.2	VI(1k)	26
1986-07-12	104	5.7	VII(22k)	1
1972-04-10	303	6.9	IX(4k)	5k

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	Sisakht	<1k
IV	Yasuj	97k
IV	Basht	<1k
IV	Dehdasht	70k
IV	Dogonbadan	95k
IV	Nurabad	64k
III	Shahreza	101k
III	Kazerun	95k
III	Shiraz	1,250k
III	Shahr-e Kord	129k
III	Akbarabad	98k

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.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000difax#pager>

Event ID: us6000difax