

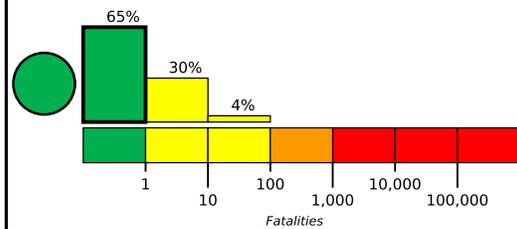
M 6.8, 35km SW of Lithakia, Greece

Origin Time: 2018-10-25 22:54:51 UTC (Thu 23:54:51 local)
Location: 37.4775° N 20.5599° E Depth: 16.6 km

PAGER
Version 1

Created: 22 minutes, 27 seconds after earthquake

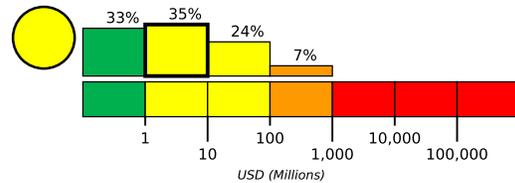
Estimated Fatalities



Yellow alert for economic losses. Some damage is possible and the impact should be relatively localized. Estimated economic losses are less than 1% of GDP of Greece. Past events with this alert level have required a local or regional level response.

Green alert for shaking-related fatalities. There is a low likelihood of casualties.

Estimated Economic Losses

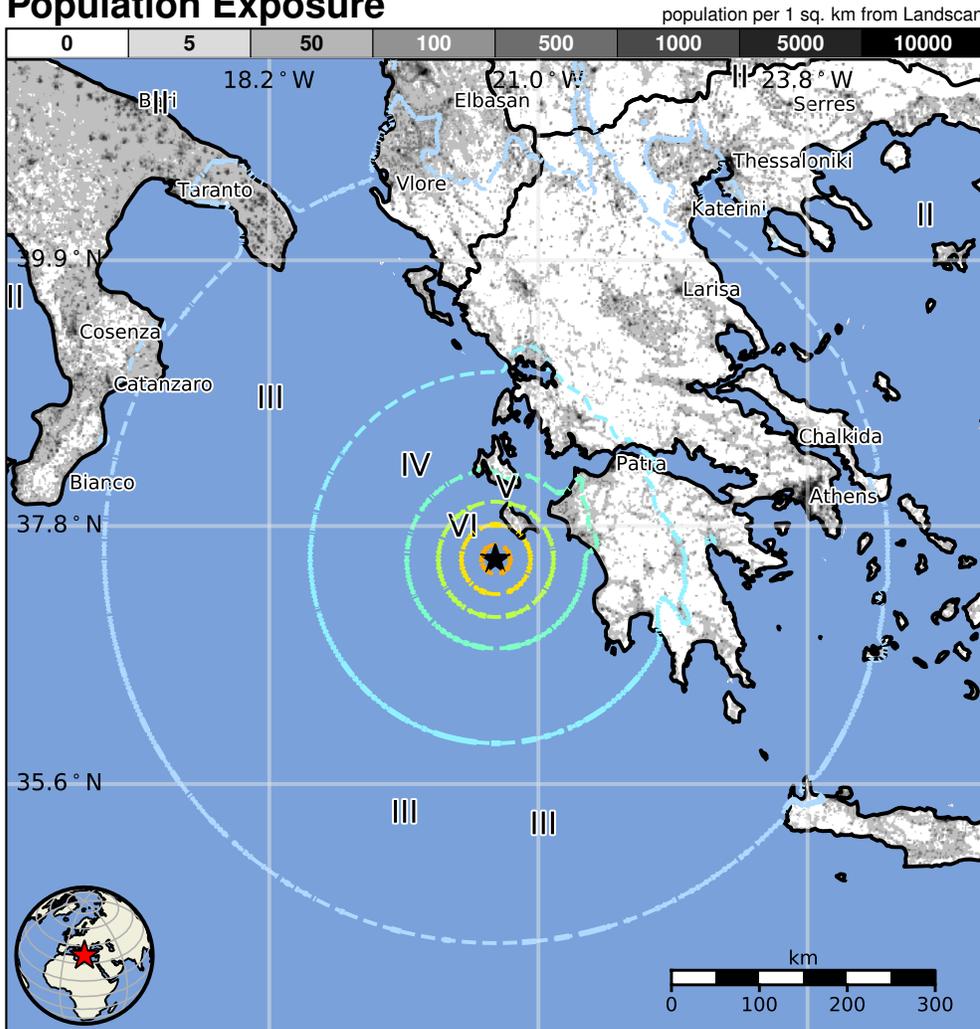


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	18,165k	920k	153k	46k	8k	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 a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are dressed stone/block masonry and unknown/miscellaneous types construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1979-11-06	227	5.4	VII(26k)	1
1975-12-31	153	5.5	VII(2k)	1
1999-09-07	278	6.0	IX(10k)	143

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

MMI	City	Population
VII	Ambelokipoi	2k
VI	Gaitanion	2k
VI	Vanaton	1k
VI	Zakynthos	12k
VI	Mouzaki	2k
VI	Lithakia	1k
IV	Patra	168k
III	Athens	664k
II	Thessaloniki	354k
II	Tirana	375k
II	Bari	277k

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/us1000hbb1#pager>

Event ID: us1000hbb1