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Earthquake Shaking Green Alert

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M 5.4, 95km SSW of Gra Liyia, Greece

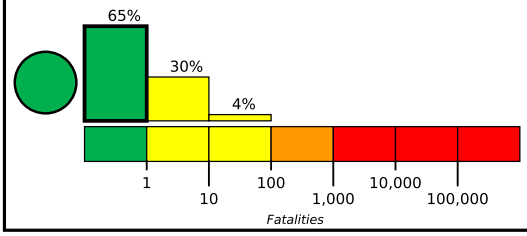
Origin Time: 2020-05-02 13:33:50 UTC (Sat 15:33:50 local)
Location: 34.1693° N 25.4776° E Depth: 17.2 km

PAGER Version 3

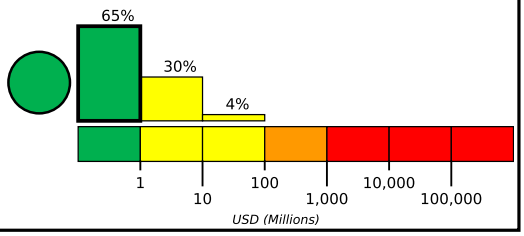
Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses



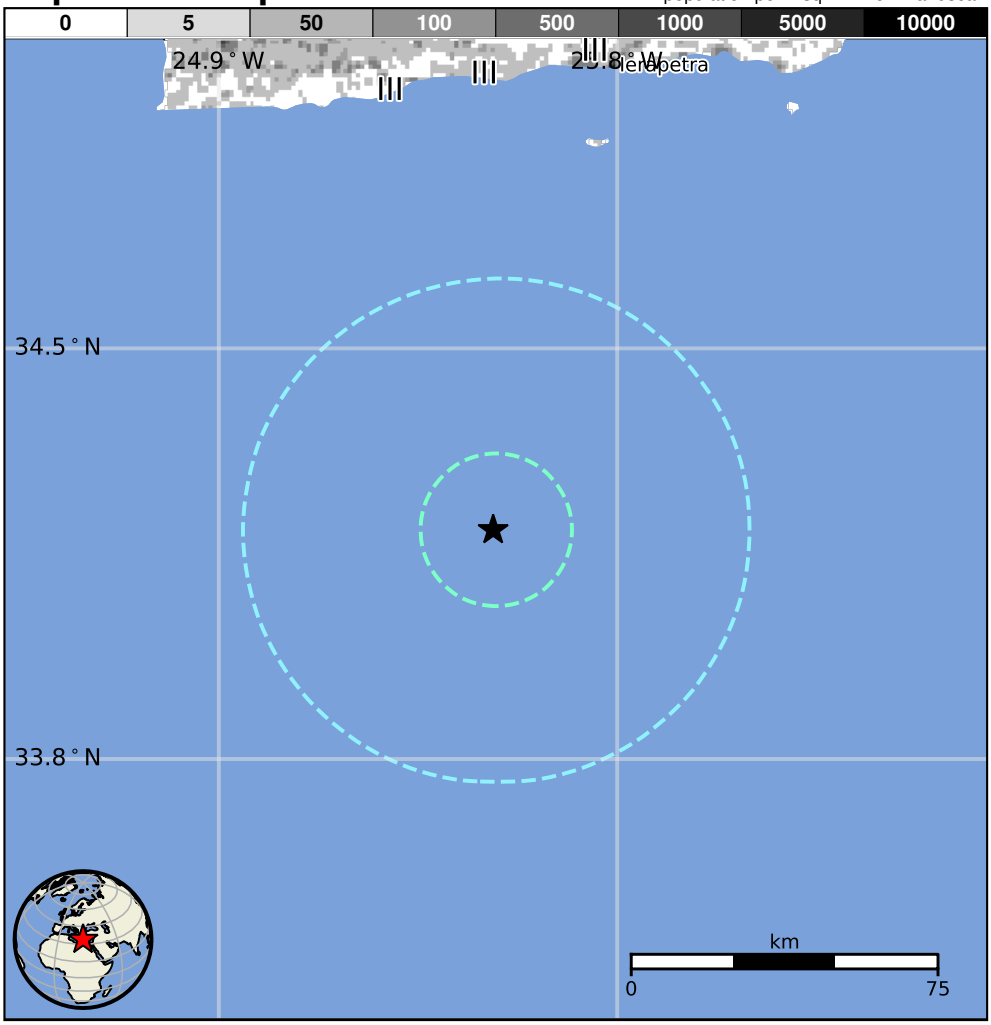
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		–*	63k	0	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	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

population per 1 sq. km from Landscan



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 rubble/field stone with lime and unknown/miscellaneous types construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2005-01-10	370	5.4	VI(34k)	0
2006-01-08	306	6.7	VII(3k)	0
1999-10-05	379	5.2	VII(71k)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Kentri	1k
III	Nea Anatoli	1k
III	**Ierapetra**	**12k**
III	Gra Liyia	2k
III	Asimion	1k
III	Pyrgos	1k
III	Moires	6k

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/us700098rs#pager

Event ID: us700098rs