

M 5.8, SOUTHERN GREECE

Origin Time: Fri 2014-08-29 03:45:07 UTC (05:45:07 local)

Location: 36.69°N 23.71°E Depth: 80 km

Created: 12 weeks, 5 days after earthquake

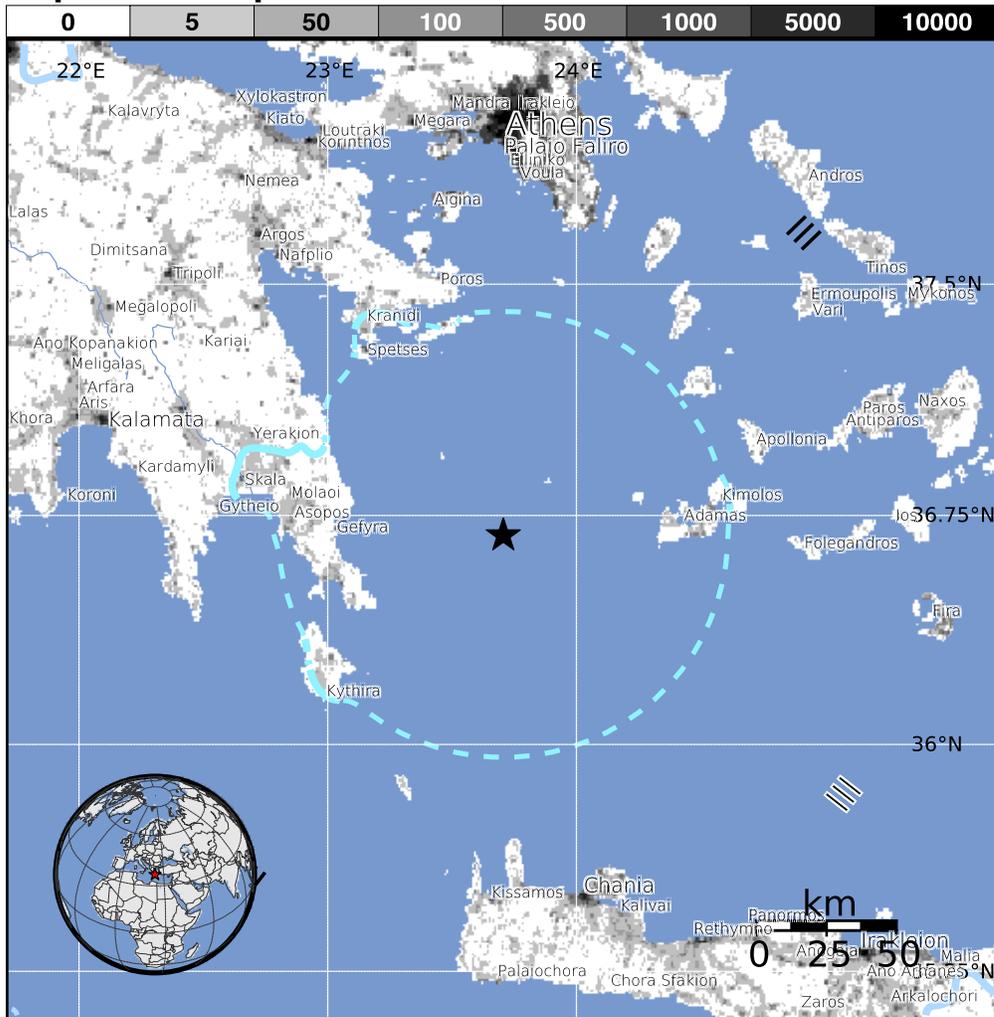


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	5,139k*	76k	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



Structures:

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1985-08-31	377	4.5	V(76k)	0
1981-03-07	165	5.4	VII(77)	1
1999-09-07	152	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

from GeoNames.org

MMI	City	Population
IV	Asopos	1k
IV	Skala	3k
IV	Sykea	1k
IV	Adamas	1k
IV	Milos	< 1k
IV	Porto Cheli	2k
III	Tripoli	27k
III	Ermoupolis	11k
III	Athens	729k
III	Irakleion	137k
III	Patra	163k

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: usc000s7wh