

# M 6.9, SOUTHERN GREECE

Origin Time: Thu 2008-02-14 10:09:23 UTC

Location: 36.65°N 21.83°E Depth: 29 km

# PAGER Version 3

Created: 1 days, 14 hrs after earthquake

## Estimated Population Exposed to Earthquake Shaking

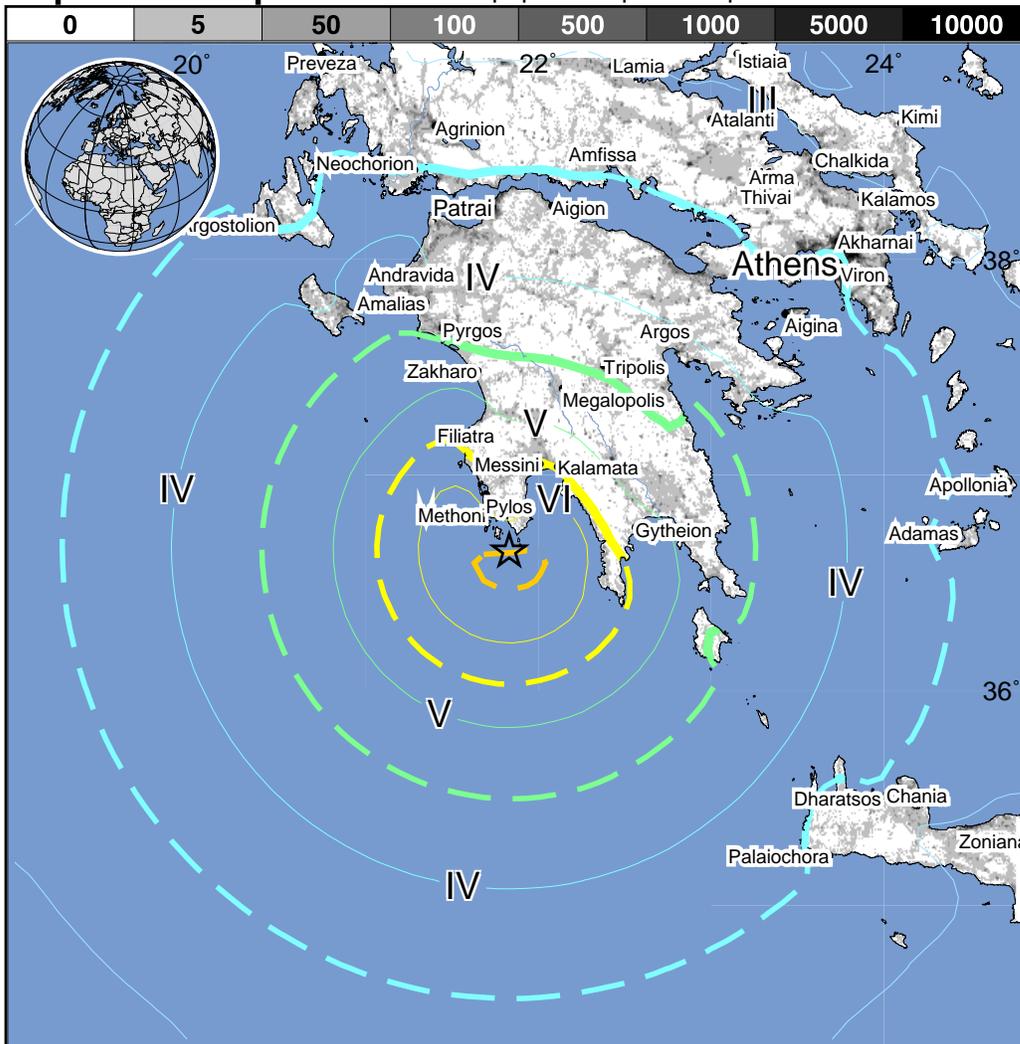
ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	1,680k*	3,855k	274k	46k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	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

population per ~1 sq. km from Landsat 2005

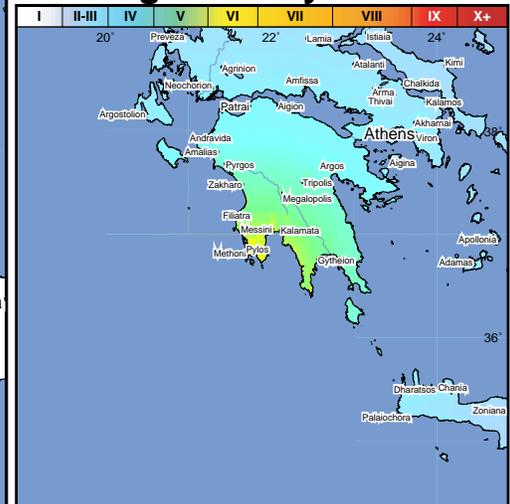
### Selected City Exposure



MMI City	Population
<b>VI Methoni</b>	<b>1k</b>
<b>VI Koroni</b>	<b>1k</b>
<b>VI Messini</b>	<b>6k</b>
<b>VI Pylos</b>	<b>2k</b>
V Aris	1k
V Vlachopoulon	1k
<b>IV Patrai</b>	<b>163k</b>
IV Piraeus	172k
IV Kallithea	107k
IV Peristerion	137k
<b>IV Athens</b>	<b>729k</b>

bold cities appear on map (k = x1000)

### Shaking Intensity



Users should consider the preliminary nature of this information and check for updates as additional data becomes available. Population exposure estimates are NOT a direct estimate of earthquake damage; comparable shaking will result in significantly lower losses in regions with well built structures than in regions with vulnerable structures. Overall, structures in this region are a mix of vulnerable and resistant construction. A magnitude 6.0 earthquake struck the Athens, Greece region on September 7, 1999 (UTC), with estimated population exposures of 580 at intensity IX or greater and 120,000 at intensity VIII, resulting in 143 deaths. Recent earthquakes in this area have also triggered landslide hazards that have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.

<http://earthquake.usgs.gov/pager>

Event ID: us2008nkan