

M 6.3, SOUTHERN GREECE

Origin Time: Sun 2008-06-08 12:25:30 UTC

Location: 38.00°N 21.47°E Depth: 16 km

PAGER Version 4

Created: 4 days, 23 hrs after earthquake

Estimated Population Exposed to Earthquake Shaking

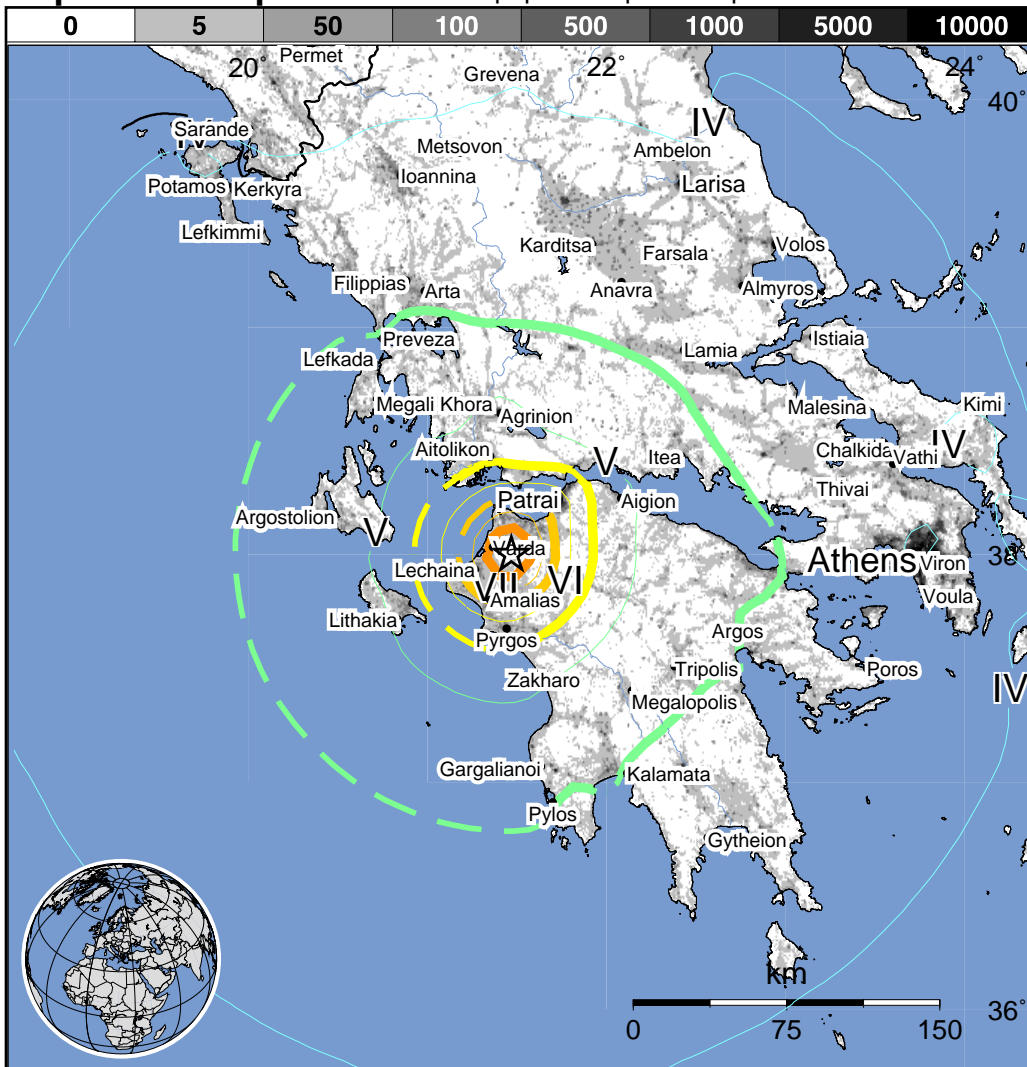
ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	--*	5,869k*	769k	320k	140k	44k	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	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 2006

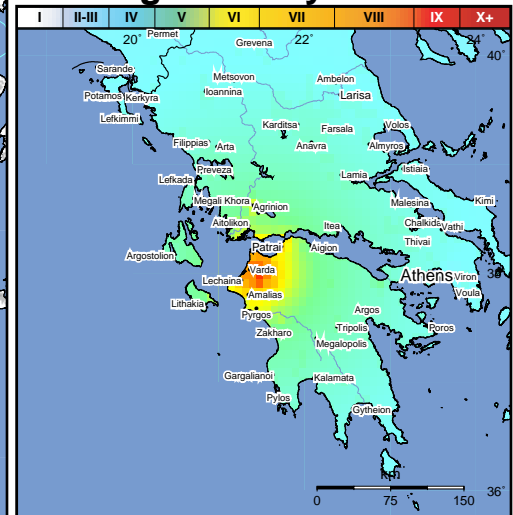
Selected City Exposure



MMI City	Population
VIII Nea Manolas	2k
VIII Varda	3k
VIII Lapas	1k
VIII Manolas	1k
VIII Kato Achaia	5k
VII Traganon	2k
VII Patrai	163k
IV Athens	729k
IV Larisa	128k
IV Peristerion	137k
IV Piraeus	172k

bold cities appear on map (k = x1000)

Shaking Intensity



Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. A magnitude 6.0 earthquake 187 km Northeast of this one struck Greece on September 07, 1999 (UTC), with estimated population exposures of 19,000 at intensity IX or greater and 276,000 at intensity VIII, resulting in an estimated 143 fatalities. Recent earthquakes in this area have caused landslides that may have contributed to losses.

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

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

Event ID: us2008taaw