

M 5.6, SOUTHERN GREECE

Origin Time: Sat 2008-06-21 11:36:24 UTC

Location: 36.19°N 22.03°E Depth: 17 km

PAGER Version 1

Created: 3 days, 10 hrs after earthquake

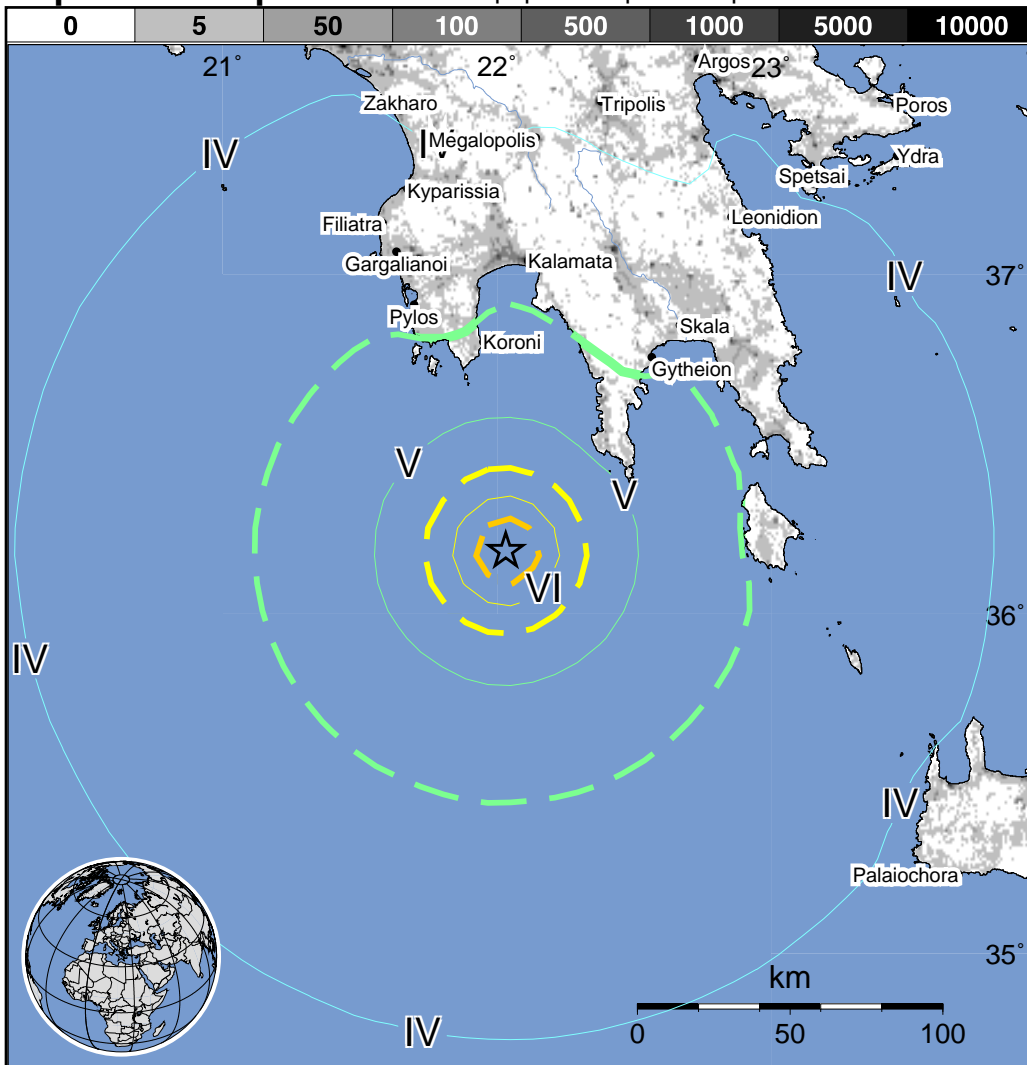
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	--*	555k*	10k	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

population per ~1 sq. km from Landsat 2006



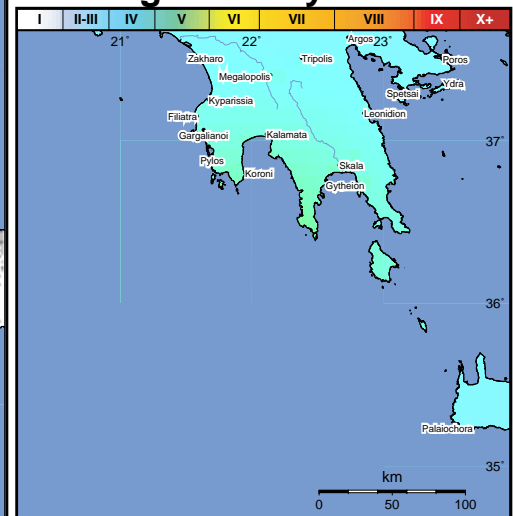
Selected City Exposure

MMI City	Population
V Koroni	1k
IV Methoni	1k
IV Gytheion	4k
IV Asopos	1k
IV Skala	2k
IV Pylos	2k
IV Vlakhiotis	2k
IV Kalamata	51k
IV Tripolis	26k
IV Argos	25k
IV Chania	54k

bold cities appear on map (k = x1000)

Shaking Intensity

MMI



Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. A magnitude 6.0 earthquake 256 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: us2008tnbb