

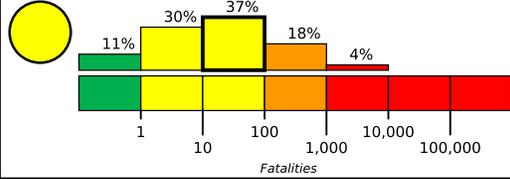
M 7.0, 13 km NNE of Non Karlovson, Greece

Origin Time: 2020-10-30 11:51:27 UTC (Fri 13:51:27 local)
Location: 37.8973° N 26.7838° E Depth: 21.0 km

PAGER Version 2

Created: 18 weeks, 6 days after earthquake

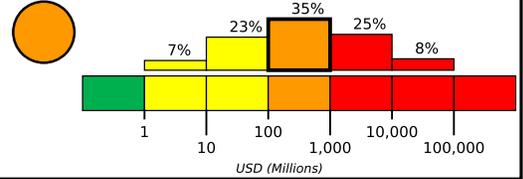
Estimated Fatalities



Orange alert for economic losses. Significant damage is likely and the disaster is potentially widespread. Estimated economic losses are less than 1% of GDP of Turkey. Past events with this alert level have required a regional or national level response.

Yellow alert for shaking-related fatalities. Some casualties are possible.

Estimated Economic Losses

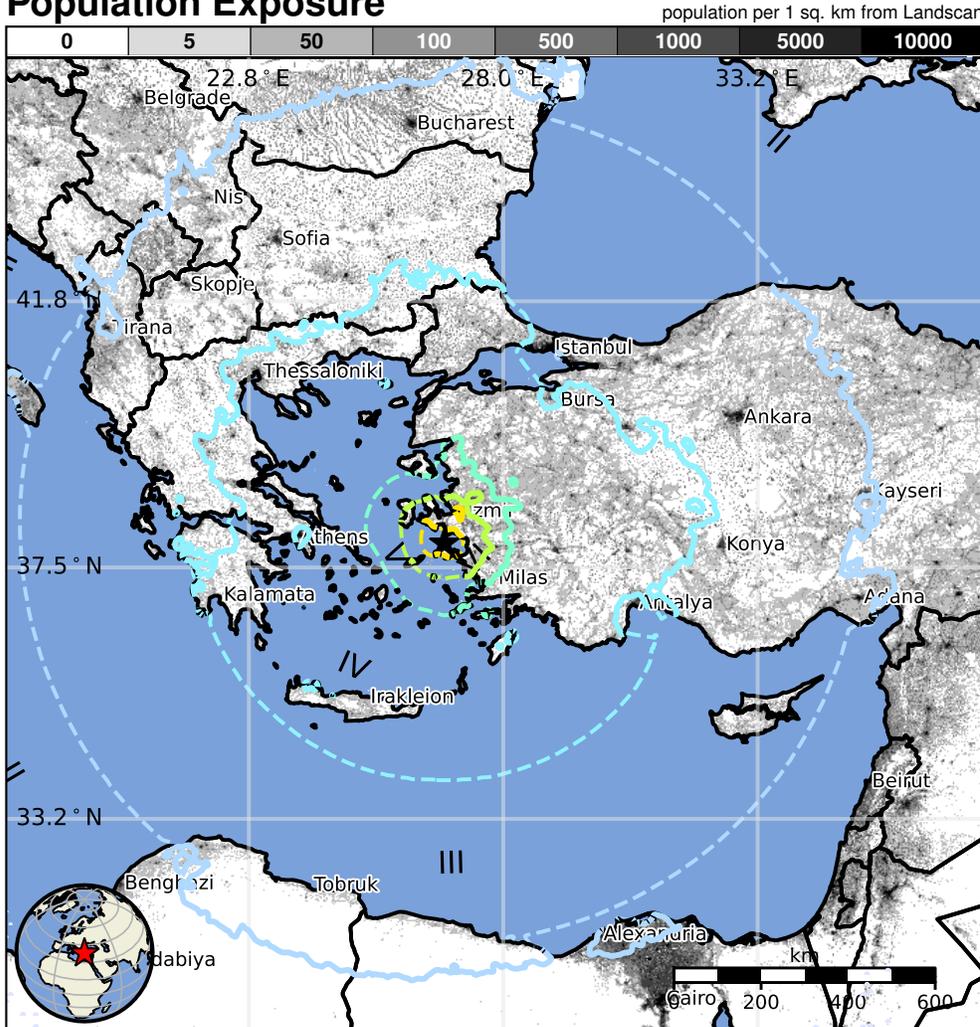


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	83k*	212,101k	19,759k	1,918k	2,037k	2,092k	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



Structures

Overall, the population in this region resides in structures that are extremely vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are unreinforced brick masonry and low-rise nonductile concrete frame with infill construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1995-10-01	294	6.4	VIII(173k)	101
1981-02-24	334	6.6	IX(4k)	21
1970-03-28	278	6.9	IX(66k)	1k

Recent earthquakes in this area have caused secondary hazards such as tsunamis and landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VII	Karsiyaka	<1k
VII	Kokkari	1k
VII	Izmir	2,501k
VII	Neon Karlovasion	7k
VII	Mytilinioi	2k
VII	Gaziemir	<1k
III	Ankara	3,517k
III	Istanbul	11,174k
III	Alexandria	3,812k
II	Giza	2,443k
II	Cairo	7,735k

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/us7000c7y0#pager>

Event ID: us7000c7y0