M 5.7, GULF OF ADEN

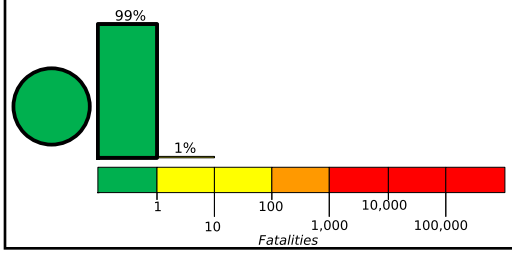
Origin Time: Mon 2015-08-17 16:16:59 UTC (19:16:59 local)
Location: 13.71°N 51.78°E Depth: 10 km

Earthquake Shaking **Green Alert**

PAGER Version 4

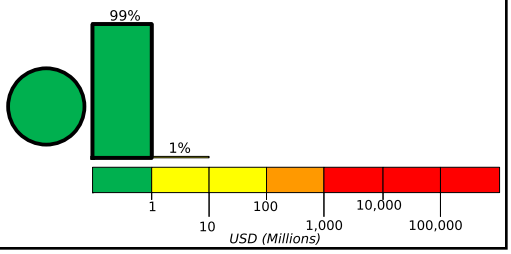
Created: 5 weeks, 0 days after earthquake

Estimated Fatalities



Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses



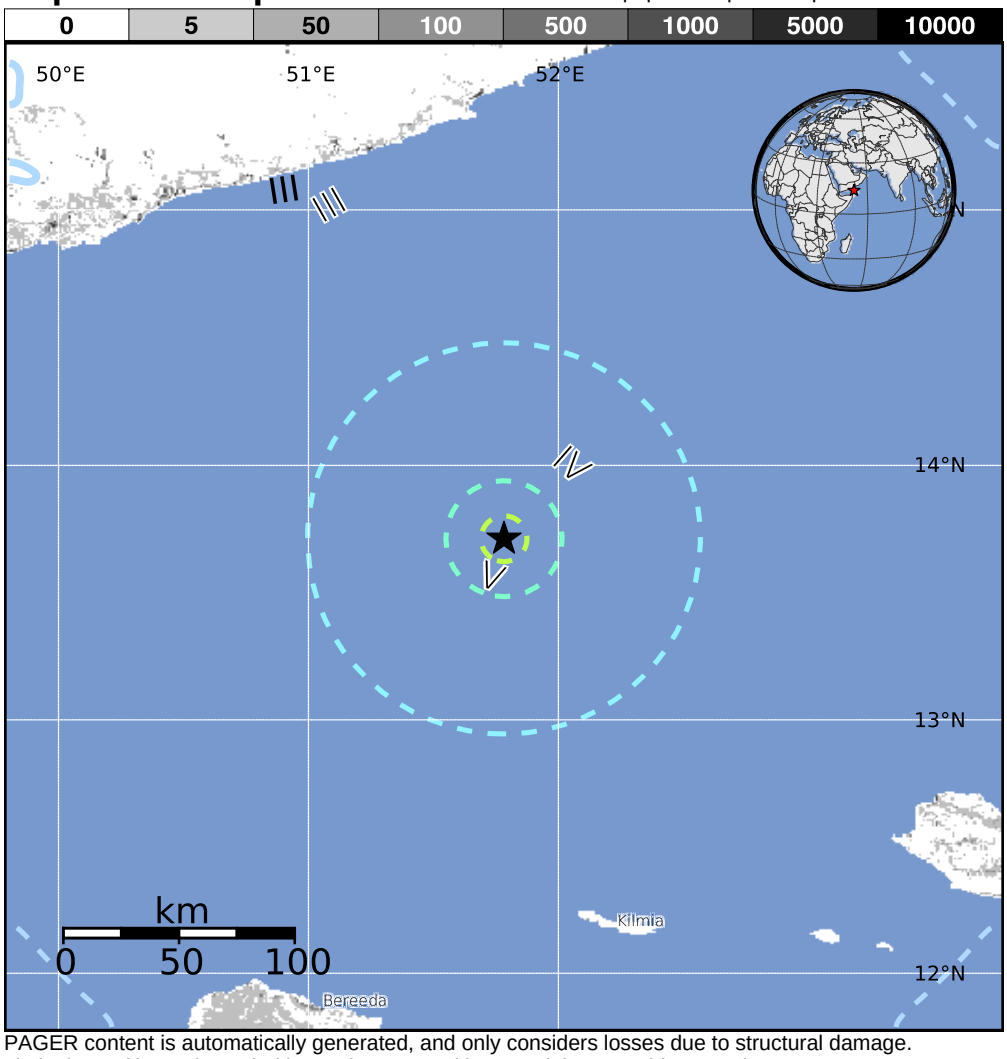
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	184k*	0	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

population per ~1 sq. km from Landscan



Structures:
Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist.

Historical Earthquakes (with MMI levels):

A magnitude 6.6 earthquake 69 km southwest of this one struck Yemen on December 30, 2006 (UTC), with no reported fatalities.

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	**Kilmia**	**2k**
III	Qishn	< 1k
III	Ar Raydah	< 1k
III	Sayhut	< 1k
III	Haswayn	< 1k
III	Qulansiyah	4k
III	**Bereeda**	**11k**

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: us100032x1