

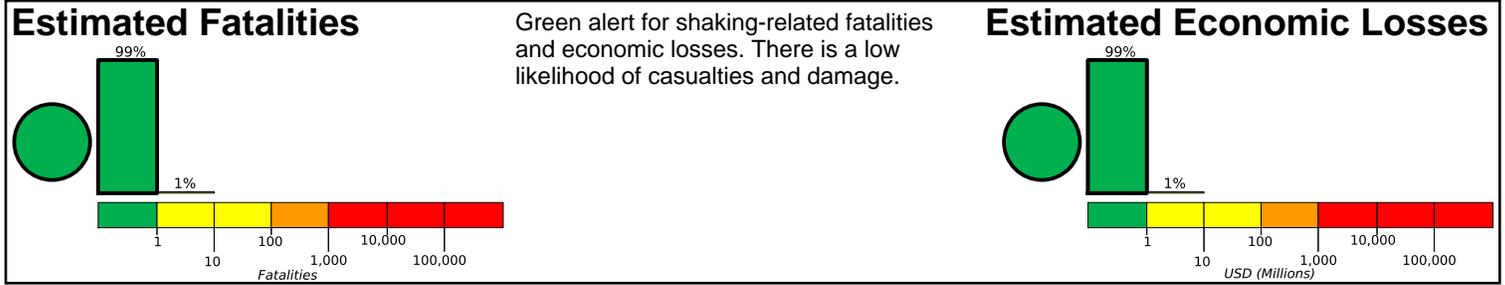
# M 5.5, RYUKYU ISLANDS, JAPAN

Origin Time: Fri 2016-05-27 03:46:51 UTC (03:46:51 local)

Location: 27.69°N 128.58°E Depth: 10 km

## PAGER Version 3

Created: 6 weeks, 4 days after earthquake

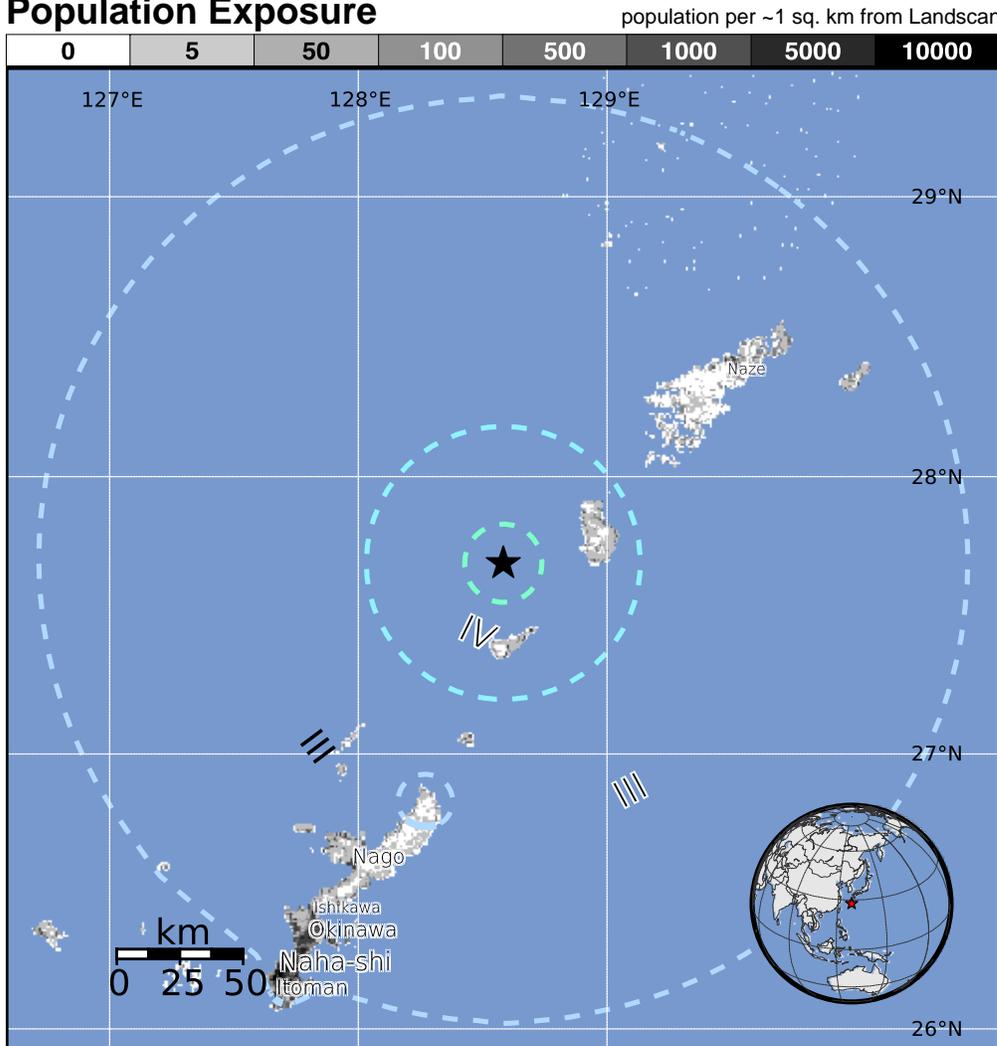


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	1,355k	40k	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



### Structures:

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

### Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2001-08-17	317	5.9	V(9k)	0
1988-04-04	382	5.9	VIII(887)	0
1995-10-18	170	7.1	VIII(8k)	0

## Selected City Exposure

from GeoNames.org

MMI City	Population
III Naze	41k
III Okinawa	125k
III Nago	60k
III Ishikawa	22k
III Gushikawa	65k
III Tomigusuku	56k
III Ginowan	92k
III Chatan	28k
III Naha-shi	301k
III Haebaru	34k
II Itoman	57k

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/earthquakes/eventpage/us20005ydi>

Event ID: us20005ydi