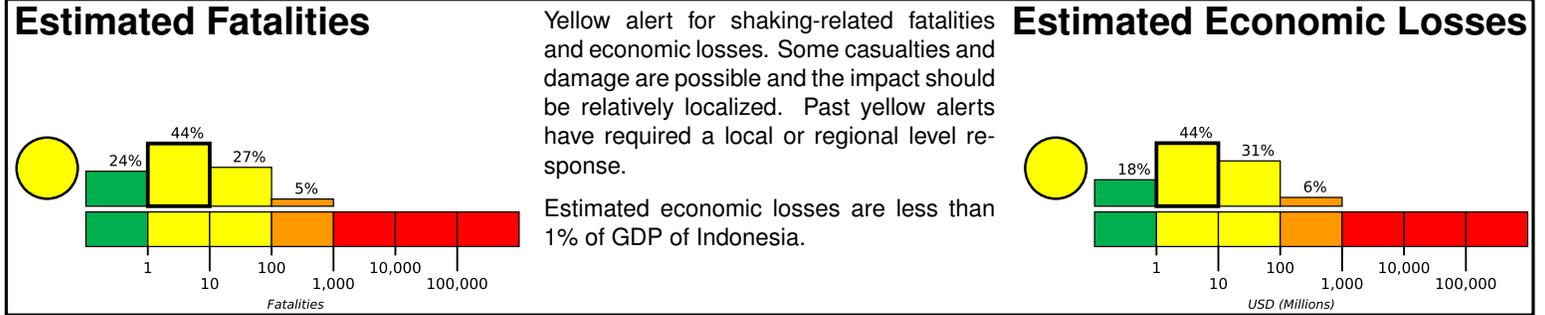


M 6.4, 110 km N of Paciran, Indonesia

Origin Time: 2024-03-22 08:52:58 UTC (Fri 15:52:58 local)
Location: 5.8754° S 112.3646° E Depth: 9.5 km

PAGER
Version 9

Created: 28 weeks, 5 days after earthquake

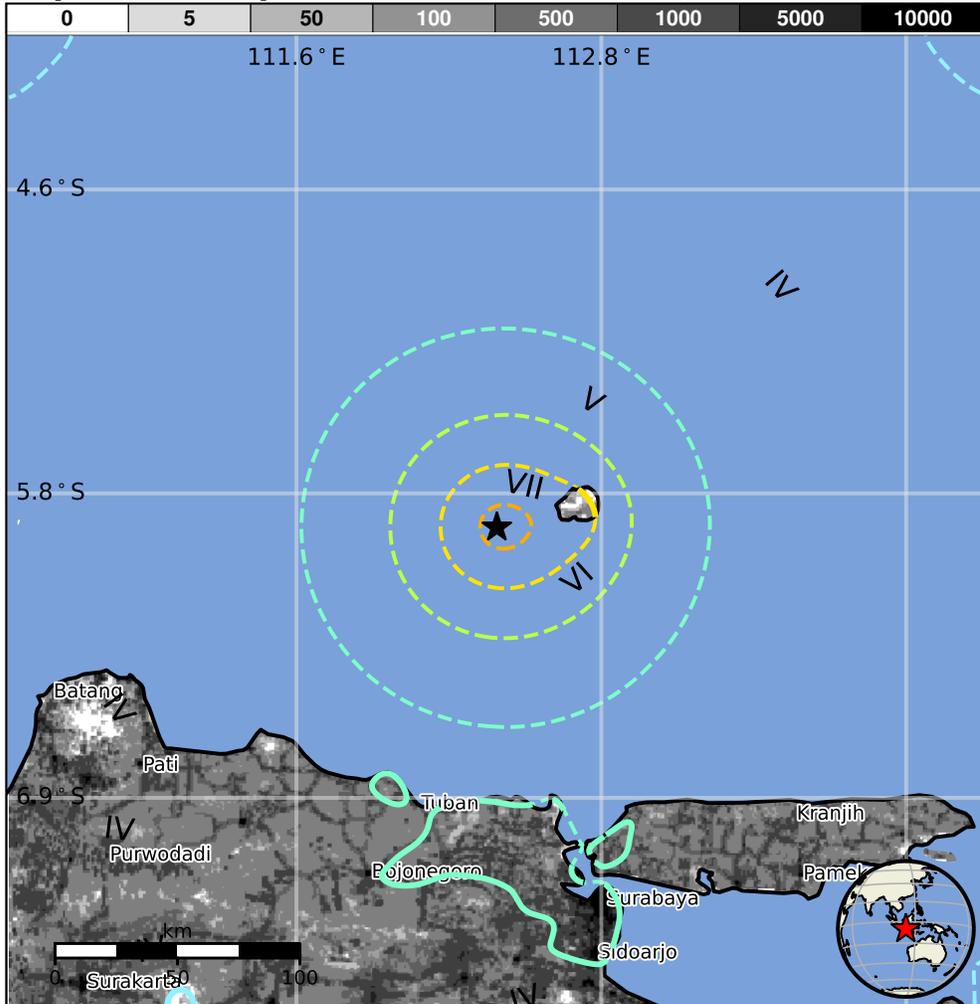


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	5k*	24,402k*	8,734k	4k	24k	10k	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 vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are unreinforced brick with concrete floor and precast concrete frame with wall construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1976-07-14	372	6.5	VIII(183k)	563
2007-09-09	304	4.9	VI(61k)	0
2006-05-26	321	6.4	IX(956k)	6k

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Baturono	<1k
V	Prioso Barat	<1k
V	Pompongan	<1k
V	Watangan	<1k
V	Palangan	<1k
V	Tiremenggal	<1k
V	Surabaya	2,375k
IV	Pasuruan	159k
IV	Purwodadi	150k
IV	Madiun	186k
IV	Surakarta	555k

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.

bold cities appear on map.

(k = x1000)