



7.5

Magnitude

Place: 78 km N of Palu

Time: 28 September, 10:02 GMT

Depth: 10.0 km

Coord.: Lat: -0.18 Lon: 119.84

Populat.: 72,668 within 30 Km

Automatically generated **SHAKE MAP** powered by: **ADAM** - Automated Disaster Analysis and Mapping

28 September 2018

12:20:39 GMT

USGS ShakeMap

Instrumental Intensity	I	II-III	IV	V	VI	VII	VIII	IX	X+
Potential Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
Potential Damage	None	None	None	Very Light	Light	Moderate	Moderate/Heavy	Heavy	Very Heavy



MODIFIED MERCALLI INTENSITY SCALE:

7.9/10

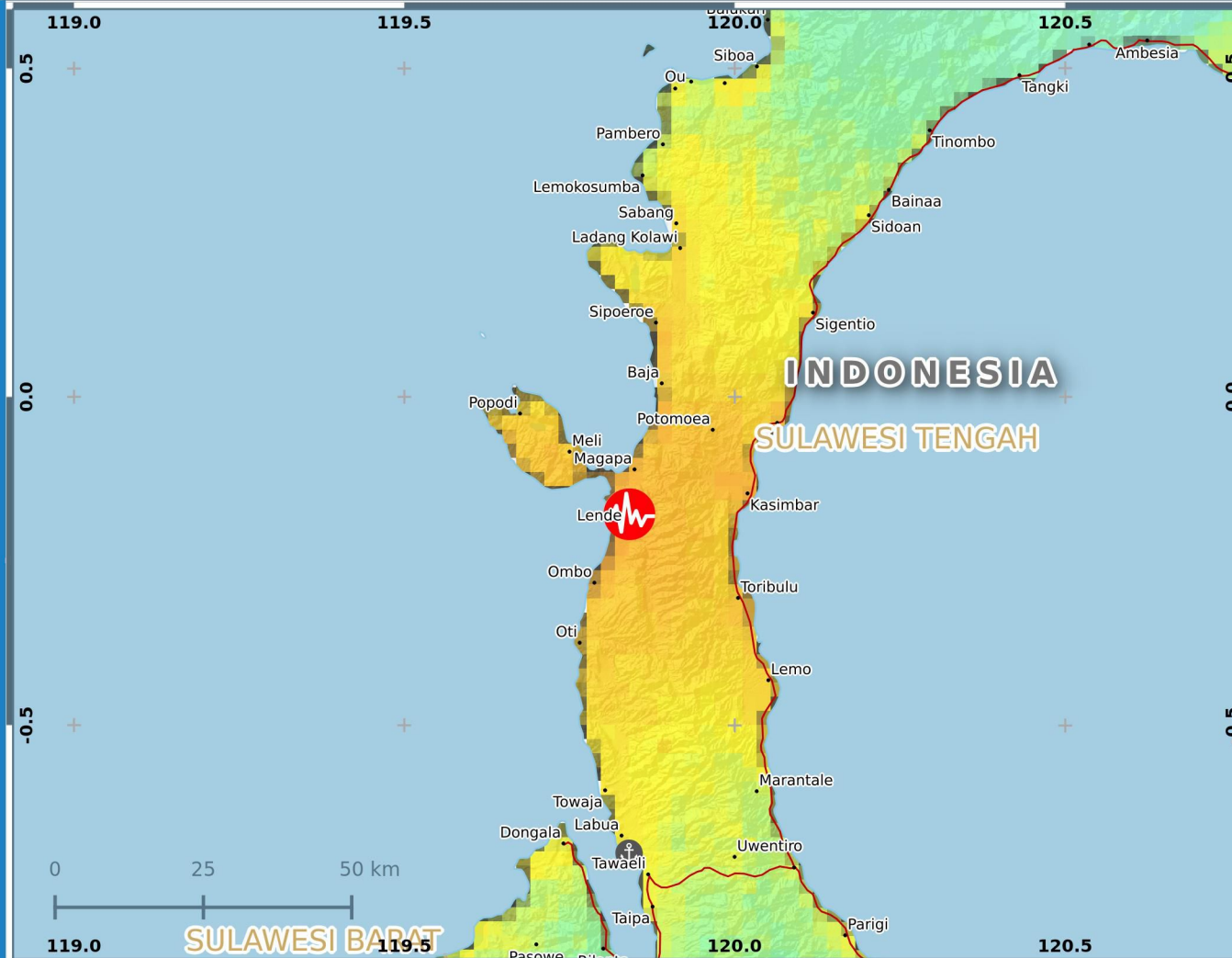
Intensity class VII:
 People have difficulty standing. Drivers on the road feel their cars shaking. Furniture may be overturned and broken. Loose bricks fall from buildings and masonry walls and cracks in plaster and masonry may appear. Weak chimneys may break at the roofline. Damage is slight to moderate in well-built structures; considerable in poorly constructed buildings and facilities.

Concepts and definitions

Shake Map combines instrumental measurements of shaking with information about local geology and earthquake location and magnitude to estimate potential impacts throughout a geographic area.

The estimated intensity map is derived from ground motions recorded by seismographs and represents Modified Mercalli Intensities (MMI's) that are likely to have been associated with the ground motions.

Magnitude and Intensity measure different characteristics of earthquakes. Magnitude measures the energy released at the source of the earthquake. Magnitude is determined from measurements on seismographs. Intensity measures the strength of shaking produced by the earthquake at a certain location. Intensity is determined from effects on people, human structures, and the natural environment. (Source: USGS)



WFP Country Office	Airport	Earthquake epicenter	International boundary
WFP Sub Office	Port	Dam	First level administrative boundary
WFP Warehouse	Nuclear power plant	Water body	Main road

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