



6.0

Magnitude

Place: 59 km SSW of Molibagu

Time: 19 January, 16:58 GMT

Depth: 118.14 km

Coord.: Lat: -0.13 Lon: 123.82

Populat.: 0 within 30 Km

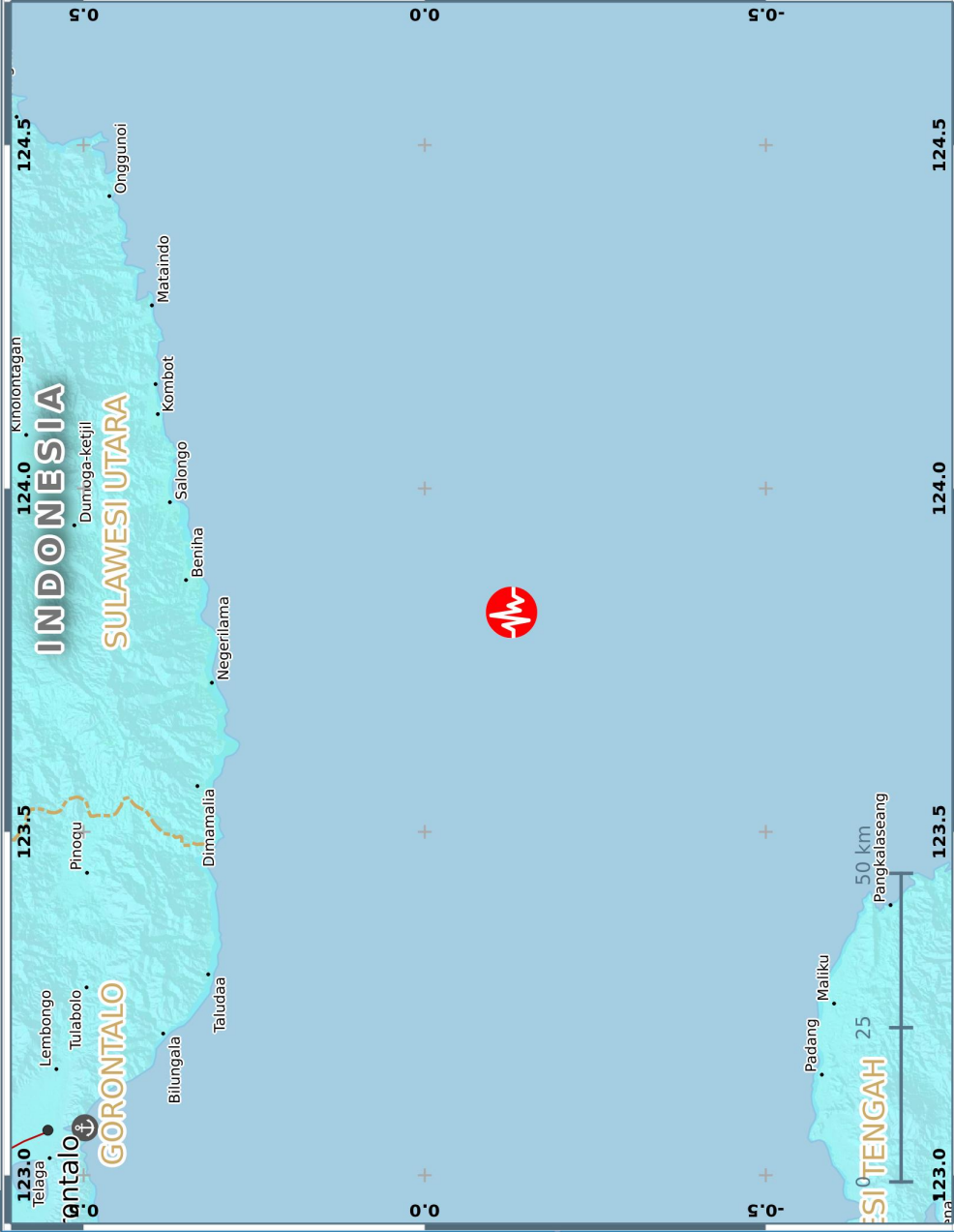
Automatically generated **SHAKE MAP** powered by: **ADAM** - Automated Disaster Analysis and Mapping

19 January 2020

19:15:38 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:

4.2/10

Intensity class IV:

Hanging objects swing. Vibration may seem like the passing of heavy trucks or a jolt, like a heavy ball striking the walls. Parked vehicles may rattle noticeably. Windows, dishes, doors may rattle and glasses clink. In the upper range of IV, walls of wood frame buildings may crack.

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
- WFP Sub Office
- WFP Warehouse

- Airport
- Port
- Nuclear power plant

- Earthquake epicenter
- Dam
- Water body

- International boundary
- First level administrative boundary
- Main road

Please report errors to hq.gis@wfp.org. Event ID: us60007arp. Map projection: WGS 84 / UTM zone 51S (EPSG 32751). Sources: USGS (ShakeMap layer, earthquake info), GAUL, WFP, NASA, ESRI. The designations employed and the presentation of material in this map do not imply the expression of any opinion whatsoever of WFP concerning the legal or constitutional status of any country, territory or sea area, or concerning the delimitation of frontiers.