



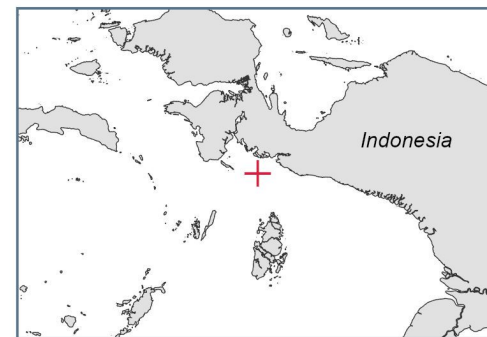
5.9

Magnitude

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

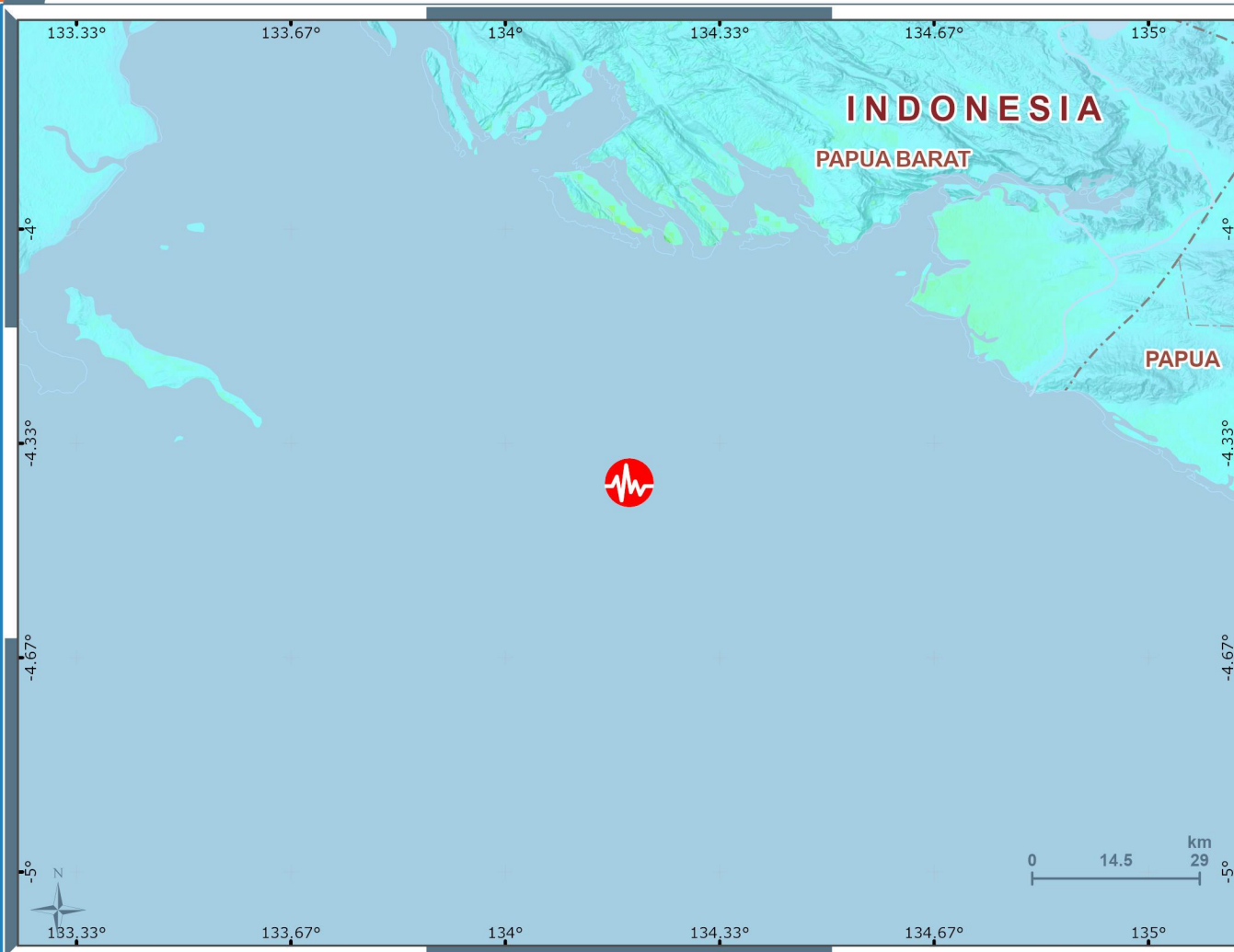
10 November 2021

19:48:50 GMT



- Place:** 184 km SW of Nabire
- Time:** 10 Nov. 2021, 17:46 GMT
- Depth:** 10.0 km
- Coord.:** Lat: -4.39 Lon: 134.19
- Populat.:** 82 within 50km

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:

5.1/10

Intensity Class VI:

Felt by all; some are frightened and take cover. People have difficulty walking due to motion. Objects fall from shelves and dishes, glassware and ceramics may be broken. Pictures fall off walls. Furniture moves or is overturned. Weak plaster and masonry cracked. Damage slight in poorly constructed buildings. Trees, bushes shaken visibly or are heard rustling.

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)

Please report errors to hq.gis@wfp.org. Event ID: us7000ft0f. Map projection: WGS 84 / UTM Zone 53S (EPSG 32753). Sources: USGS (ShakeMap layer, earthquake info), GAUL, WFP/VAM, 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.

- 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