6.0
Magnitude

Place: 131 km ENE of Kimbe
Time: 07 January, 19:11 GMT
Depth: 116.75 km
Coord.: Lat: -5.15  Lon: 151.26
Population: 26,509 within 30 Km

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

07 January 2020 21:30:32 GMT

MODIFIED MERCalli INTENSITY SCALE:
4.4/10

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 rock noticeably. Windows, dishes, doors may rattle and glasses clink. In the upper range of IV, walls of wood frame buildings may creak.

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)