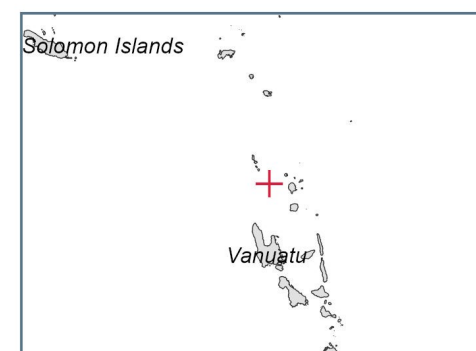


Automatically generated **SHAKE MAP** powered by:
ADAM - Automated Disaster Analysis and Mapping

18 October 2021 09:28:47 GMT



EVENT INFO

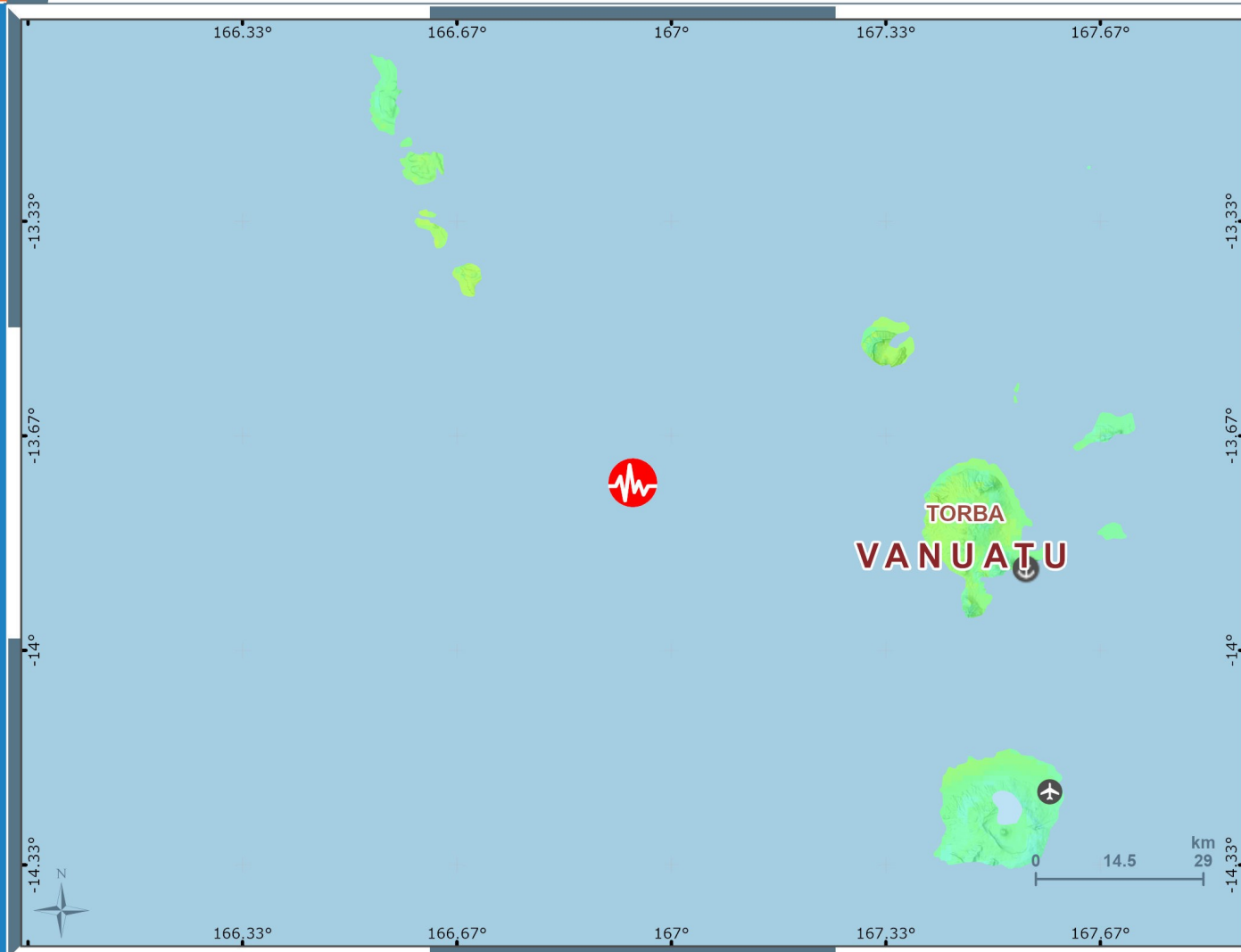


6.1

Magnitude

- Place:** 56km SE of Lungariki
- Time:** 18 Oct. 2021, 07:26 GMT
- Depth:** 96.48 km
- Coord.:** Lat: -13.74 Lon: 166.94
- Populat.:** 589 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:

5.5/10

Intensity Class V:

Almost everyone feels movement whether inside or outdoors. Sleeping people are awakened. Liquids in containers are disturbed; some are spilled. Small unstable objects are displaced or overturned. Doors swing, close, or open. Shutter pictures on the wall move.

Concepts and definitions

Shake Map combines instrumental measurements of shaking 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 Intensity (MMI's) that are likely to have been associated with the earthquake 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 of seismic waves by 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 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
- Earthquake epicenter
- Water body
- Main road

Please report errors to hq.gis@wfp.org. Event ID: us6000fvkf. Map projection: UTM Zone 58S (EPSG 32758). 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.