



6.4

Magnitude

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

15 September 2020

06:00:39 GMT



Place: 13 km WNW of Esso

Time: 15 September, 03:41 GMT

Depth: 329.73 km

Coord.: Lat: 55.96 Lon: 158.49

Populat.: 1,397 within 30 km

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:

3.2/10

Intensity class III:
Felt by people indoors. Hanging objects swing back and forth. Vibration from the earthquake may seem like the passing of light trucks. May not be recognized as an earthquake.



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: us7000bnd1. Map projection: WGS 84 / UTM zone 57N (EPSG 32657). 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.



- 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