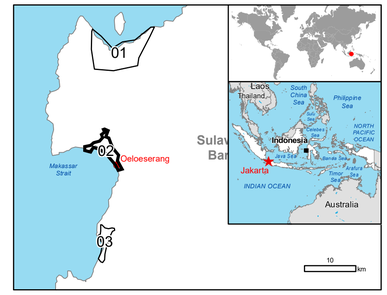
GLIDE number: EQ-2021-000003-IDN Activation ID: EMSR493
Int. Charter call ID: N/A Product N.: 02OELOESERANG, v1

Oeloeserang - INDONESIA

Earthquake - Situation as of 19/01/2021

Grading - Overview map



Cartographic Information

1:15000 Full color A1, 200 dpi resolution

0 0.25 0.5 1 km

Grid: WGS 1984 UTM Zone 50S map coordinate system
Tick marks: WGS 84 geographical coordinate system

N

Legend

Built Up Grading
- Possibly damaged

Transportation Grading
- Highway, No visible damage
- Local Road, No visible damage
- Cart Track, No visible damage

General Information
- Area of Interest
- Not Analysed

Placenames
- Placename

Hydrography
- Coastline
- River

Facilities
- Power and communication line

Consequences within the AOI

		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Estimated population					NA	14 154
Built-up	No.	0	0	6	6	NA
Transportation	km	0.0	0.0	0.0	0.0	NA
Facilities	km	0.0	0.0	0.0	0.0	NA

* Presence of damage proxies and proximity with destroyed/damaged asset

** Sum of Destroyed, Damaged and Possibly damaged

Map Information

A strong earthquake of 6.2 M hit the Western part of Sulawesi on 14 January 2021 at 18:28 UTC. The epicentre of the quake was 60 km northeast of the city of Majene, at a depth of 10 km. According to media, at least 34 people were killed, 637 injured and 15,000 displaced.

The present map shows the damage grade assessment in the area of Oeloeserang (Indonesia). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 2.5 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 100 sq m.

Relevant date records (UTC)

Event	14/01/2021 18:28	Situation as of	19/01/2021 02:36
Activation	15/01/2021 13:16	Map production	19/01/2021

Data sources

Pre-event image: Pléiades-1A/B © CNES (2020), distributed by Airbus DS (acquired on 11/05/2020 at 02:31 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 24.5° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
Post-event image:Pléiades-1A/B © CNES (2021), distributed by Airbus DS (acquired on 19/01/2021 at 02:36 UTC, GSD 0.5 m, approx. 20% cloud coverage in AoI, 13.7° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimapia.org, GeoNames 2015, Global Administrative Areas (2012), refined by the producer.
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2019 https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
Digital Elevation Model: SRTM (90 m) (NASA/USGS)

Disclaimer

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Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by SERTIT released by e-GEOS (ODO).

For the latest version of this map and related products visit
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