

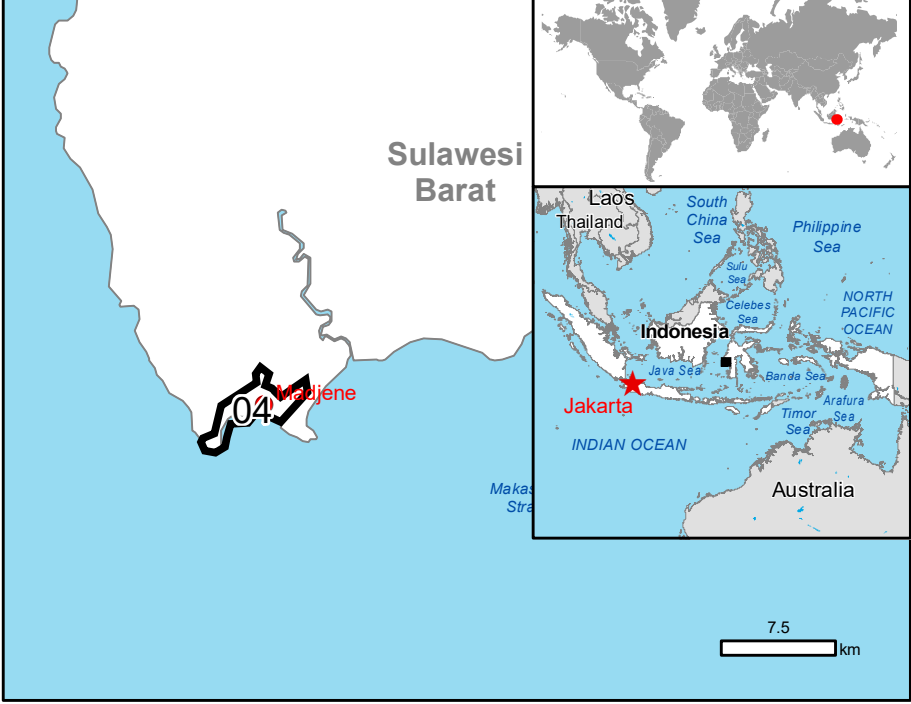
GLIDE number: EQ-2021-000003-IDN
Int. Charter call ID: 695

Activation ID: EMSR493
Product N.: 04MADJENE, v1

Madjene - INDONESIA

Earthquake - Situation as of 24/01/2021

Grading - Overview map



Cartographic Information

1:12000 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



Legend

Crisis Information	General Information
Built Up Grading	Area of Interest
Possibly damaged	Area of Interest
Transportation Grading	Placenames
Highway, No visible damage	Placename
Local Road, No visible damage	Hydrography
Cart Track, No visible damage	Coastline
	Stream
	Lake
	Land Subject to Inundation

Consequences within the AOI					
	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Estimated population					94.913
Built-up	No.	0	0	28	NA
Transportation	km	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 Madjene (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	24/01/2021 02:48
Activation	15/01/2021 13:16	Map production	24/01/2021

Data sources

Pre-event image: Pléiades-1A/B © CNES (2020), distributed by Airbus DS (acquired on 15/08/2020 at 02:44 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 24.1° 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 24/01/2021 at 02:48 UTC, GSD 0.5 m, approx. 2% cloud coverage in AOI, 30.3° 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

Disclaimer

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

Map produced by GAF AG released by SERTIT (ODO).

For the latest version of this map and related products visit
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