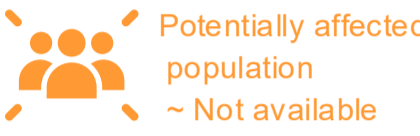
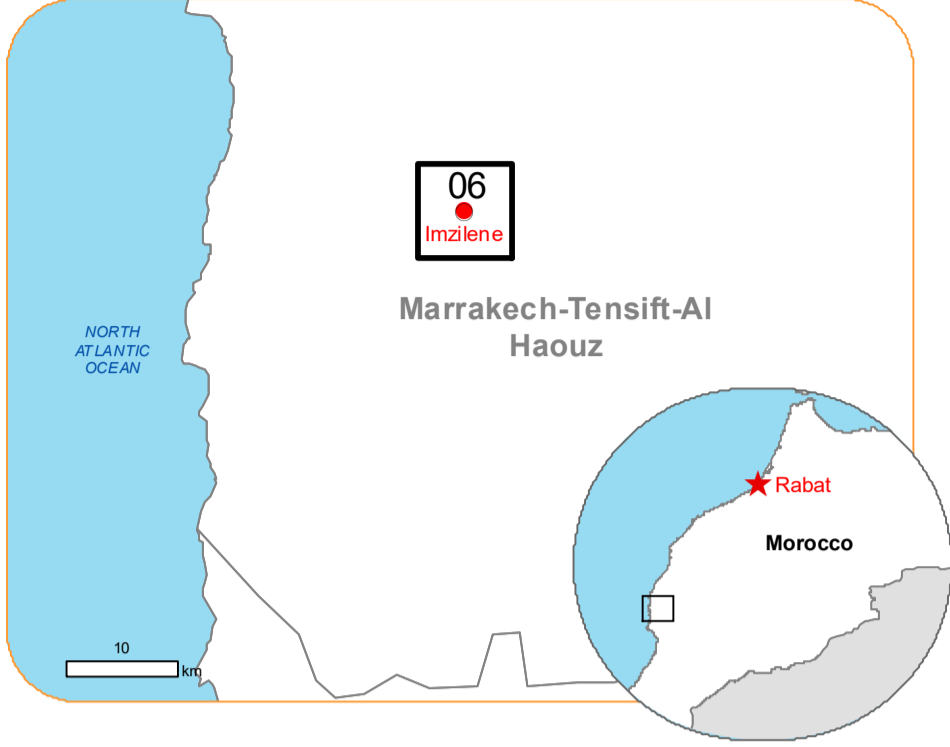
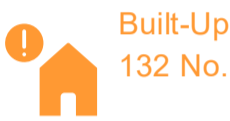




Situation as of 10/09/2023 11:16 UTC  
Grading - Overview map 01



Affected Built-up and Transportations



Built-Up  
132 No.

General Information

Area of Interest

Built-Up Grading

- Residential Building, Destroyed
- Residential Building, Damaged
- Residential Building, Possibly damaged
- Non-residential Building, Destroyed

Transportation Grading

- Main road, No visible damage
- Track, No visible damage
- Local road, No visible damage

Placenames

- Placename

Hydrography

- River

**Event:** On the 08 September 2023 at 22:11 UTC, an earthquake is reported to have affected the Marrakesh-Safi Region of Morocco. The epicentre was approximately 72 km South-West from Marrakesh city (population of 840,000 people). Many casualties are reported and it is thought that many people are still trapped under the rubble or injured. Copernicus EMS Rapid Mapping is requested to provide damage assessment.

**Data sources and analysis:**  
Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 21/06/2022, resolution 0.6 m).

Post-event image: Pléiades-1A/B © CNES (2023), distributed by Airbus DS (acquired on 10/09/2023 at 11:16 UTC, resolution 0.5 m). This image is used as background image.

All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (current year), Wikimapia.org, GeoNames 2015, Global Administrative Areas (2012), refined by the producer, Globe Land 30 (2010), Copernicus Global Land Service: Land Cover (2019).  
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2023  
[https://ghsl.jrc.ec.europa.eu/ghs\\_pop2023.php](https://ghsl.jrc.ec.europa.eu/ghs_pop2023.php)

The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Map produced by CLS released by SERTIT on the 12/09/2023.

Details on this activation and service conditions available through the QR code or at the link:  
<https://rapidmapping.emergency.copernicus.eu/EMSR695>



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Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Estimated population	Number of inhabitants					NA	~ 7 500
Built-up	Residential Buildings	No.	5	30	95	130	130
	Building point	No.	2	0	0	2	2
	Unclassified	No.	0	0	0	0	98
Transportation	Secondary Road	km	0,0	0,0	0,0	0,0	20,3
	Local Road	km	0,0	0,0	0,0	0,0	45,5
	Cart Track	km	0,0	0,0	0,0	0,0	90,9
Land use	Shrub and/or herbaceous vegetation association	ha	0,0	0,0	0,0	0,0	2 943,0
	Other	ha	0,0	0,0	0,0	0,0	9,0
	Heterogeneous agricultural areas	ha	0,0	0,0	0,0	0,0	3 429,4
	Forests	ha	0,0	0,0	0,0	0,0	910,5
* Presence of damage proxies and proximity with destroyed/damaged asset ** Sum of all damage classes							

**Disclaimer:**

Full disclaimer and other helpful information available in the online manual:

<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>

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**Data access:**

All data displayed on the map(s), as well as Land Use - Land Cover layer(s), are available in the Crisis Information Package and the Base Layer Package (for reference data). The table above is available in editable format in the Crisis Information Package. All products and data are also available for download on the portal.

Access to the portal



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