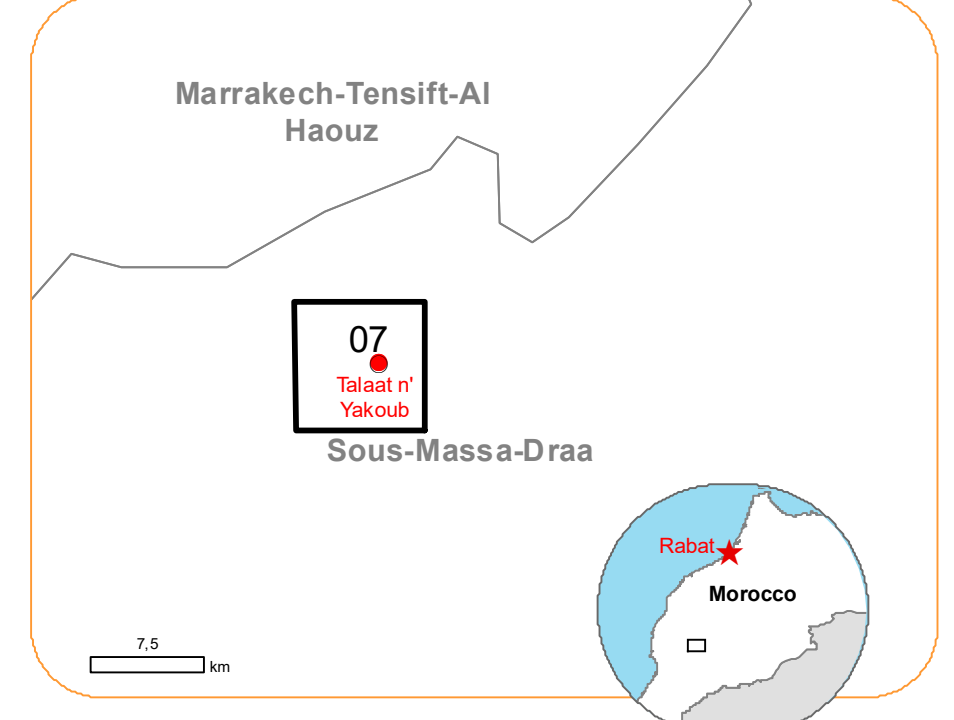
 **EMSR695 - AOI07**
Earthquake in Morocco
TALAT NYAAQOUB

Situation as of 10/09/2023 11:25 UTC
Grading - Overview map 01




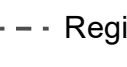


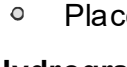
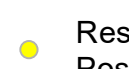



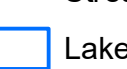


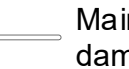
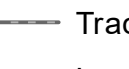
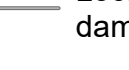
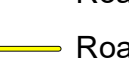



 **Potentially affected population**
 **Not Available**

Affected Built-up and Transportations

 **Built-up**
757 No.

 **Road**
0.4 km

Crisis Information	General Information
 Blocked road / interruption	 Area of Interest
Built-Up Grading	Administrative boundaries
 Unclassified Building, Possibly damaged	 Region
 Unclassified Building, Damaged	Placenames
 Unclassified Building, Destroyed	 Placename
 Residential Building, Possibly damaged	Hydrography
 Residential Building, Destroyed	 River
 Residential Building, Damaged	 Stream
 Non residential Building, Damaged	 Lake
Transportation Grading	
 Main road, No visible damage	
 Track, No visible damage	
 Local road, No visible damage	
 Road, Damaged	
 Road, Possibly damaged	

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 23/06/2022 at 00:00 UTC, resolution 0.6 m). Post-event image: WorldView-3 © Maxar Technologies, Inc. (2023), (acquired on 10/09/2023 at 11:25 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 (2023), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics. Inset maps: JRC 2013, GISC0 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2023 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 e-GEOS 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>



Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Ancillary Crisis Information	Blocked road / interruption	No.					3
Estimated population	Number of inhabitants					NA	~ 14.000
Built-up	Residential Buildings	No.	208	236	74	518	1.036
	Buildings used as places of worship and for religious activities	No.	0	1	0	1	4
	Building point	No.	0	0	0	0	6
	Unclassified	No.	127	89	22	238	737
Transportation	Primary Road	km	0,0	0,3	0,1	0,4	22,9
	Local Road	km	0,0	0,0	0,0	0,0	23,5
	Cart Track	km	0,0	0,0	0,0	0,0	33,8
Land use	Shrub and/or herbaceous vegetation association	ha	0,0	0,0	0,0	0,0	5.152,4
	Open spaces with little or no vegetation	ha	0,0	0,0	0,0	0,0	187,4
	Other	ha	0,0	0,0	0,0	0,0	18,7
	Heterogeneous agricultural areas	ha	0,0	0,0	0,0	0,0	32,3
	Forests	ha	0,0	0,0	0,0	0,0	1.920,1
<p>* Presence of damage proxies and proximity with destroyed/damaged asset</p> <p>** Sum of all damage classes</p>							

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



PROGRAMME OF THE
EUROPEAN UNION

