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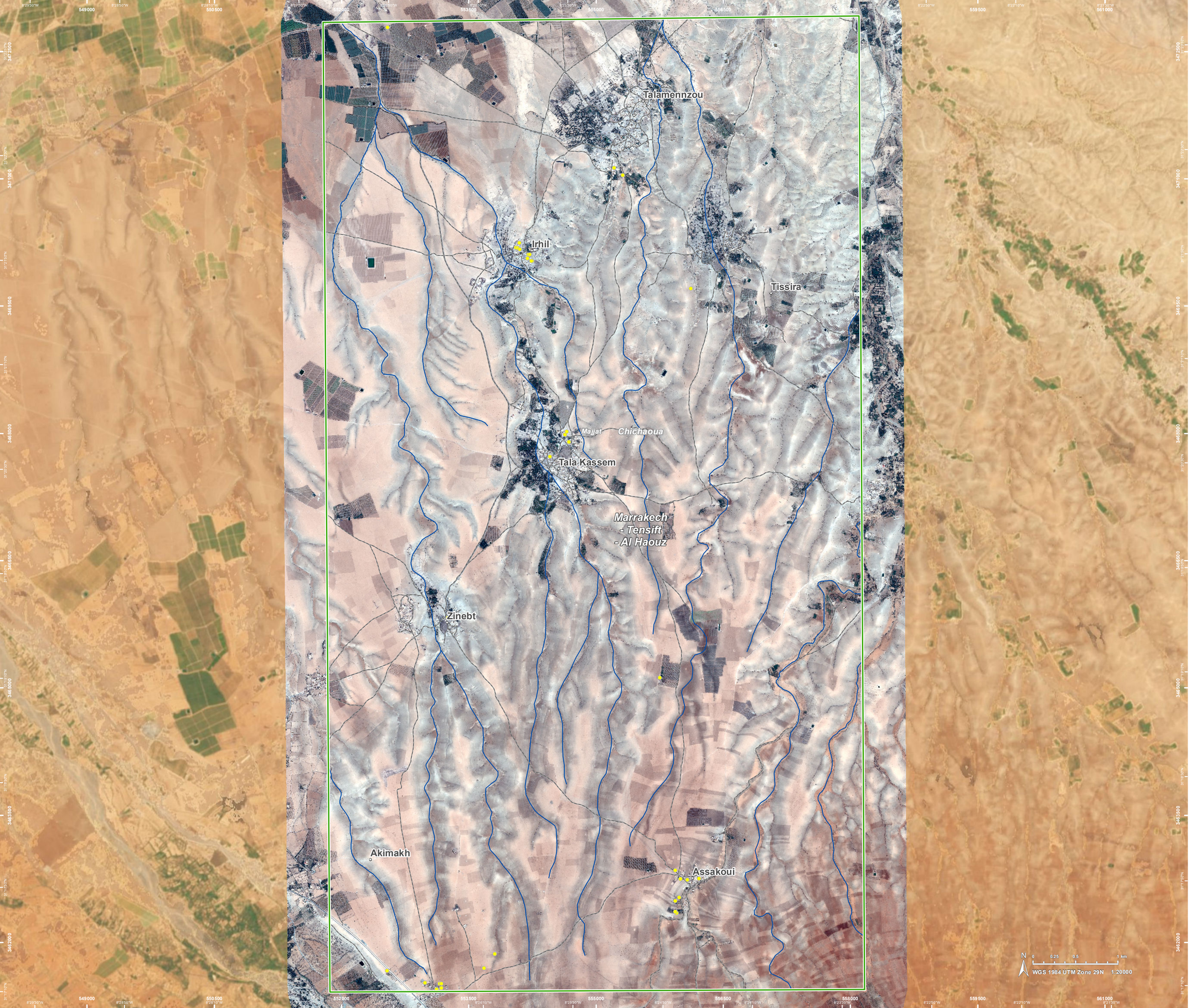
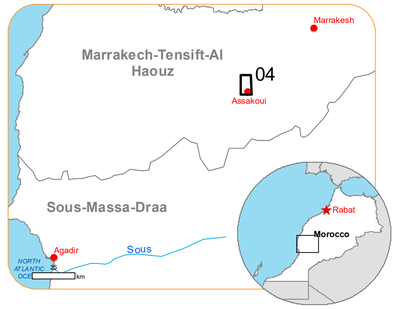
Product version: 3

EMSR695 - AOI04
Earthquake in Morocco
ASSAKOUI-IGHIL

Situation as of 10/09/2023 11:15 UTC

Grading - Overview map 01





Potentially affected population
~ Not available

Affected Built-up

Built-Up
36 No.

General Information

Area of Interest

Built-Up Grading

Residential Building, Possibly damaged

Transportation Grading

Main road, No visible damage

Track, 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 25/03/2023, resolution 0.6 m).
Post-event image: Pléiades-1A/B © CNES (2023), distributed by Airbus DS (acquired on 10/09/2023 at 11:15 UTC, resolution 0.5 m). This image is used as background image.
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Base vector layers: OpenStreetMap © OpenStreetMap contributors (2023), 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

Map produced by Telespazio Iberica released by SERTIT on the 13/09/2023.

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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EMSR695 AOI: 04 Assakoui-Ighil Grading

Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Estimated population	Number of inhabitants					NA	~ 3,300
Built-up	Residential Buildings	No.	0	0	36	36	1,546
Transportation	Secondary Road	km	0.0	0.0	0.0	0.0	1.4
	Cart Track	km	0.0	0.0	0.0	0.0	92.5
	Streets and roads	km	0.0	0.0	0.0	0.0	27.5
Land use	Heterogeneous agricultural areas	ha	0.0	0.0	0.0	0.0	2,749.7
	Forests	ha	0.0	0.0	0.0	0.0	3.6
	Shrub and/or herbaceous vegetation association	ha	0.0	0.0	0.0	0.0	4,437.3
	Other	ha	0.0	0.0	0.0	0.0	33.3

* 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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Access to the portal

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.

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