

Earthquake

[Learn more at disasteraware.org/tutorials/](https://disasteraware.org/tutorials/)



Respond Faster with Smart Alert™

Select Delivery



SMS: Receive earthquake hazard alerts on your mobile device.

Email: This can be separate from your registration email.




PRO TIP

Enter a group email to alert your team, watch office, operations center, and more.

Hazard Severity & Data Source



Initial severities are based on magnitude and are updated as additional information on impacts becomes available.

-  **Warning:** A strong earthquake has occurred with anticipated impacts. Take protective lifesaving action.
-  **Watch:** A moderately strong earthquake has occurred and may result in localized damage. Be aware of your surroundings and proceed with caution.
-  **Advisory:** An earthquake has occurred. Major damage is not anticipated.

Source: United States Geological Survey (USGS)

Focused Alerting

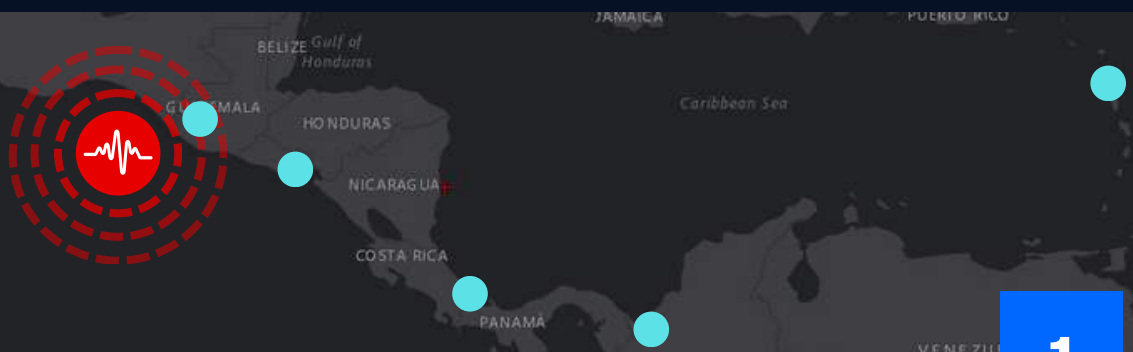


By default, your Smart Alert Area is set to **Global**.

Define Smart Alert Areas to ensure you receive alerts only for hazards that threaten the places you care about or areas you are interested in.

Enhance the monitoring and protection of specific assets (e.g. buildings, team and resource locations) via the **Assets feature**.

Enhanced Monitoring and Protection of Assets



Earthquake

Assess quickly using the Hazard tooltip ▶

EARTHQUAKE
Earthquake - 6.8 - 51 km WSW of Oukaïmedene, Morocco
Reported: 4 months ago
Updated: a month ago

Products Info Layers Event Brief



Products

Latest updates from PDC and partners.



Info

Quick summary of the earthquake event.



Layers

Key layers related to earthquake hazards. (See next page for more.)



Event Brief

Earthquakes with Strong Shaking (MMI VII) or higher. (See example below.)

EARTHQUAKE - 6.8 - 51 KM WSW OF OUKAÏMEDENE, MOROCCO
MOROCCO
EVENT STATUS AS OF 16 NOVEMBER 2023 19:32 (UTC)

PDC | GLOBAL

1 COUNTRY AFFECTED SET FILTER BY COUNTRY

HAZARD EXPOSURE RISK PROFILE ORGANIZATIONS & ACTIVITIES

POPULATION EXPOSED

- ESTIMATED POPULATION EXPOSED: 6.64 MILLION
- ESTIMATED HOUSEHOLDS EXPOSED: 1.44 MILLION
- ESTIMATED VULNERABLE POPULATION EXPOSED: 332,000

BREAKDOWN OF KEY NEEDS
FOR EXPOSED VULNERABLE POPULATION

- 697 MILLION CALORIES PER DAY
- 996,000 LITERS OF WATER PER DAY
- 33,200 100-LITER WASTE BINS
- 1.14 MILLION SQUARE METERS OF SHELTER

CAPITAL EXPOSED

- ESTIMATED HOSPITALS EXPOSED: 67
- ESTIMATED SCHOOLS EXPOSED: 113

Quickly answers:

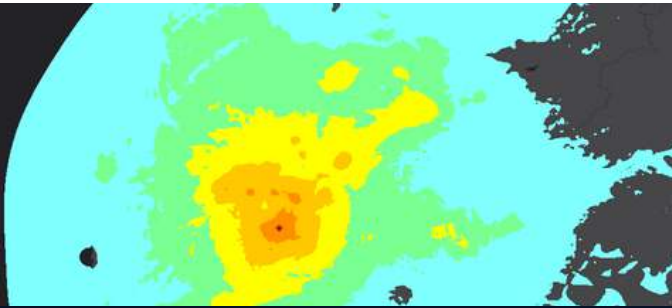
- **What** happened?
- **Where** was it?
- **How bad** was it?
- **What actions** do I need to take?

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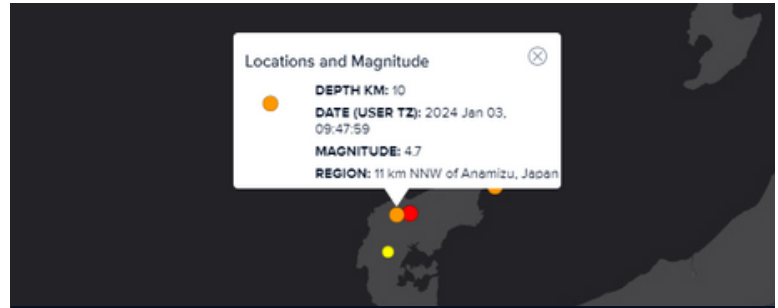


Access Key Layers

See Layers > Hazards and Events > Earthquake for all associated hazard layers.



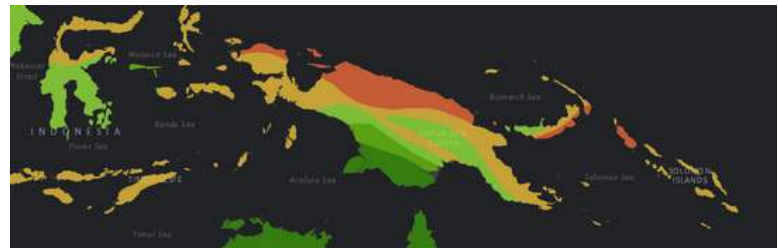
Shaking Intensity (Hazard Tooltip)



Locations and Magnitude (Hazard Tooltip)



Historical Earthquakes (Hazards and Events)



Earthquake Intensity Zones (Hazards and Events)



EDIT

Import Data

Enhance your assessments by adding your own layers.

(Go to Layers > Edit > Add Layer)



DRAWING

Create Data

Add points and features to the map (e.g. status, damage).

(Use the Drawing feature)

and

Shared Situational Awareness



BOOKMARKS

Save and share your bookmarked layers and drawings with the latest updates for shared situational awareness.

Select the button next to the Bookmark you wish to share and then the **Share** option to copy its link (Account required to view.)

PRO TIP

Receiving updates from teams on the ground? (e.g. damage, utility status, team status, completed and planned assessment areas, etc.) Use the Drawing tools to quickly add that information to the map. Then Bookmark and share it with others.

Bookmarked drawings can easily be updated and saved to ensure the latest status is reflected.