



Respond Faster with Smart Alert™

Select Delivery



SMS: Receive volcano 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



Severities are based on the following conditions:

- **Warning:** An eruption is currently in progress, imminent, or heightened unrest suggests an increased likelihood of eruption, posing a HIGH risk to the nearby population.
- **Watch:** An eruption is currently underway, there is an increased likelihood of eruption, or signs of elevated unrest, posing a MODERATE risk to the nearby population.
- **Advisory:** Signs of elevated unrest with a LOW risk to nearby population, or the volcano has returned to a normal, non-eruptive state.

Source: Volcanic Ash Advisory Centers (VAAC)

Focused Alerting

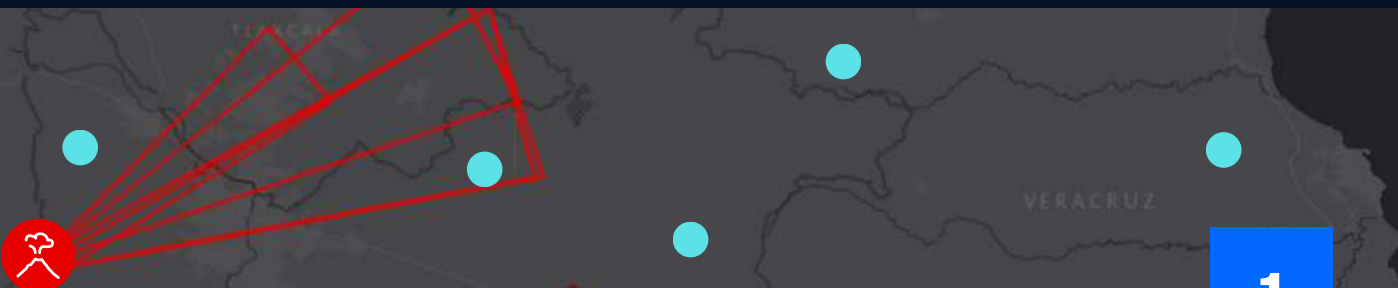


By default, your Smart Alert Area is set to **Global**.

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



Volcano

Assess quickly using
the Hazard tooltip ▶

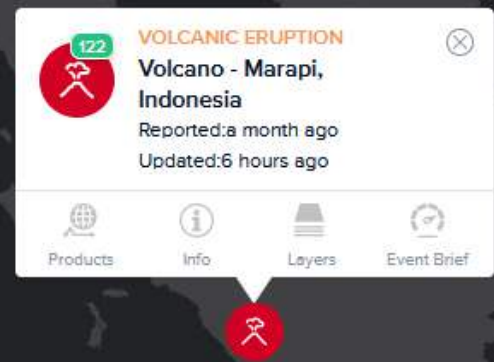
MALAYSIA

122 VOLCANIC ERUPTION

Volcano - Marapi, Indonesia

Reported: a month ago
Updated: 6 hours ago

Products Info Layers Event Brief



Products

Latest updates from PDC and partners.



Info

Quick summary of the volcano event.



Layers

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



Event Brief

10km radius and additional hazard zones if available.
(See example below.)



VOLCANO - MARAPI, INDONESIA

EVENT STATUS AS OF 03 JANUARY 2024 13:17 (UTC)



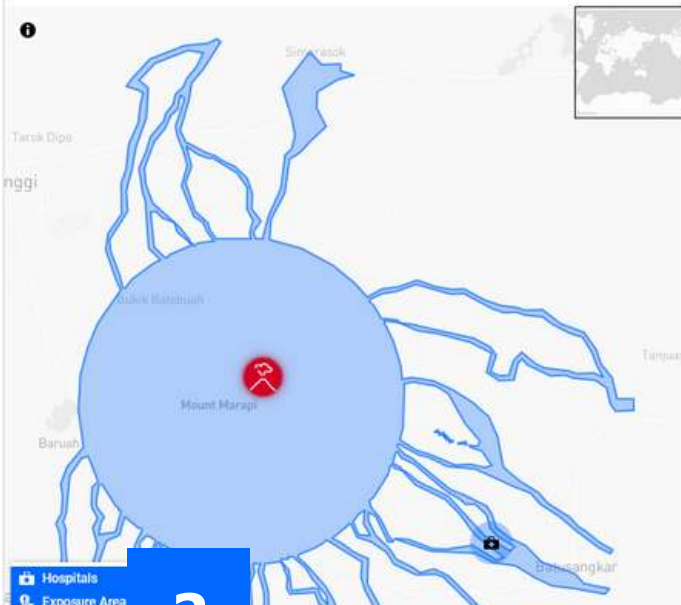
1 COUNTRY AFFECTED

SET FILTER BY COUNTRY

HAZARD EXPOSURE

RISK PROFILE

ORGANIZATIONS & ACTIVITIES



POPULATION EXPOSED

ESTIMATED POPULATION EXPOSED

56,900

ESTIMATED HOUSEHOLDS EXPOSED

14,700

ESTIMATED VULNERABLE POPULATION EXPOSED

5,690



26%

1,451
CHILDREN
AGE 0-14

68%

3,852
ADULTS
AGE 15-54

7%

387
ELDERLY
AGE 55+

ESTIMATED HOSPITALS EXPOSED

3

ESTIMATED SCHOOLS EXPOSED

3

CAPITAL EXPOSED

BREAKDOWN OF KEY NEEDS

FOR EXPOSED VULNERABLE POPULATION

11.9 MILLION
CALORIES PER DAY

17,000
LITERS OF WATER PER DAY

569
100-LITER WASTE BINS

19,600
SQUARE METERS OF SHELTER

Quickly answers:

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

2

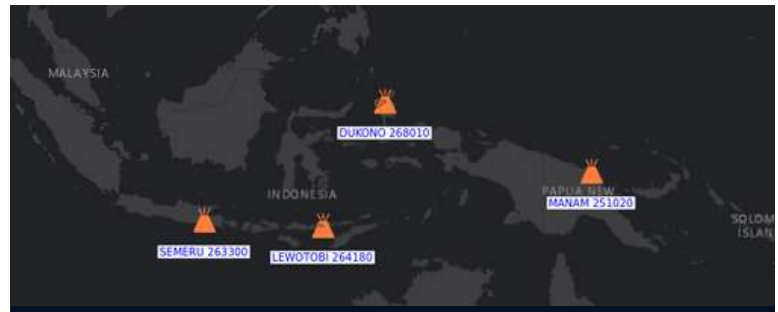


Access Key Layers

See [Layers](#) > Hazards and Events > Volcano for all associated hazard layers.



Ash Clouds - Observed & Forecast (Hazard Tooltip)



Current Ash Advisories - VAAC (Hazard Tooltip)



Data on Specific Volcanos (Layers > Regional Data)



Population Density & Infrastructure



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

Enable **Cameras** (where available) located near the volcano or that have a view of the volcano you are interested in monitoring.

Be sure to also check the **Regional Data** folder for additional hazard and risk data for specific volcanos where available.