Wildfire 🔥

Respond Faster with Smart Alert™

Select Delivery

SMS: Available for U.S. phone numbers. If you do not see this option, download our **FREE Disaster Alert app** in the Apple App Store or Google Play.

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

PDC's proprietary global wildfire hazard model detects large and intense fires, and assigns severity based on intensity and proximity to urban areas. Higher intensity and threat = higher severity.

- 🔴 **Warning:** Large/intense wildfire detected near urban or developed areas. Immediate attention and action may be required.
- 🟡 **Watch:** Large/intense wildfire detected. Watch closely as conditions may change. Be prepared to act if necessary.
- 🟢 **Advisory:** Large/intense wildfire detected. Be advised and monitor the situation for updates. Prepare for potential changes.
- 🔵 **Information:** Large/intense fire detected. No immediate threat. Stay informed for updates and additional information.

Focused Alerting

By default, your Smart Alert Area is set to **Global.** However, some users may see default Smart Alert settings set by their organization or sub-organization.

Define Smart Alert Areas to receive Smart Alerts only for the places you care about.

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

Assess quickly using the Hazard tooltip ▶

686 WILDFIRE
Wildfire - Lahaina, Hawaii, United States
Reported: 5 months ago
Updated: 4 days ago

Products | Info | Layers | Event Brief

Products
Latest updates from PDC and partners.

Info
Quick summary of the wildfire event.

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

Event Brief
Exposure to observed hotspots or the wildfire perimeter.
(See example below.)

WILDFIRE - LAHAINA, HAWAII, UNITED STATES
UNITED STATES
EVENT STATUS AS OF 08 SEPTEMBER 2023 01:27 (UTC)

PDC | GLOBAL

1 COUNTRY AFFECTED   SET FILTER BY COUNTRY ▼

HAZARD EXPOSURE | RISK PROFILE | LIVE CAMERAS | ORGANIZATIONS & ACTIVITIES

POPULATION EXPOSED

ESTIMATED POPULATION EXPOSED
13,600

ESTIMATED HOUSEHOLDS EXPOSED
5,460

ESTIMATED VULNERABLE POPULATION EXPOSED
1,630

18%	65%	17%
298 CHILDREN AGE 0-14	1,061 ADULTS AGE 15-64	271 ELDERLY AGE 65+

ESTIMATED SCHOOLS EXPOSED
🏠 **6**

CAPITAL EXPOSED

BREAKDOWN OF KEY NEEDS
FOR EXPOSED VULNERABLE POPULATION

3,260 CALORIES PER DAY

1,290 LITERS OF WATER PER DAY

163 100-LITER WASTE BINS
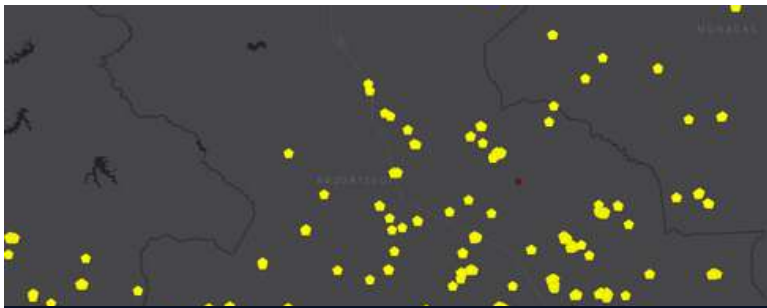
18,700 SQUARE METERS OF SHELTER

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

Access Key Layers

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

Wildfire Locations - Hotspots (Hazard Tooltip)

Current Wildfire Perimeters - USA (Hazard Tooltip)

Wind - Surface Velocity & Forecast (Hazard Tooltip)

Terrain (Layers > Backgrounds Tab)

PDC Global Wildfire Hazard Model

PDC's proprietary global wildfire hazard model leverages NASA's Visible Infrared Imaging Radiometer Suite (VIIRS) data to automatically detect potential large and intense fires. Wildfire alerts are issued through DisasterAWARE, including automated wildfire exposure reports via PDC's Event Brief.

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 ▶

Beyond fuel considerations, **terrain and weather factors such as rain, temperature, and wind play pivotal roles in the spread of wildfires**. It is essential to monitor these variables alongside fire-specific data layers.

The direction of fire spread is determined largely by wind direction. Fires also usually **spread faster upslope**.

8.6.1