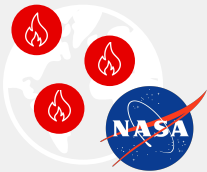# Monitoring, Predicting, and Providing Actionable Intelligence to better prepare for and respond to Wildfires

Global Wildfire Hazard Model

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 Event Brief. Also Include Fire **Radiative Power** (FRP), **wind speeds & forecasts, fire impact & spread**, 25+ years of **historical data**, and more.

Focused Alerting

View and keep tabs on global active & predicted Wildfire activity or define Smart Alerts 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)

Hazard Severity & Data Source

PDC's proprietary global wildfire hazard model detects large and intense fires, and assigns severity based on intensity and proximity H 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.
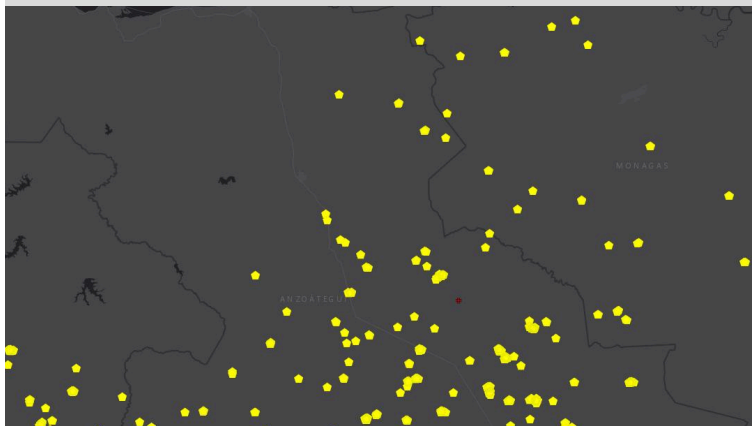
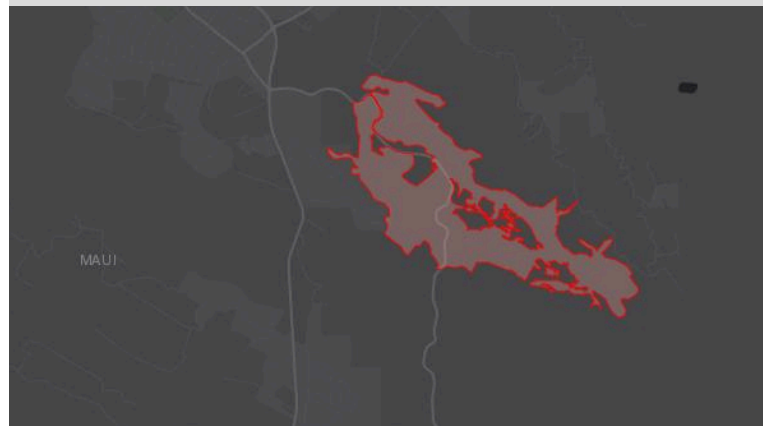## Enhanced Monitoring and Protection of Assets

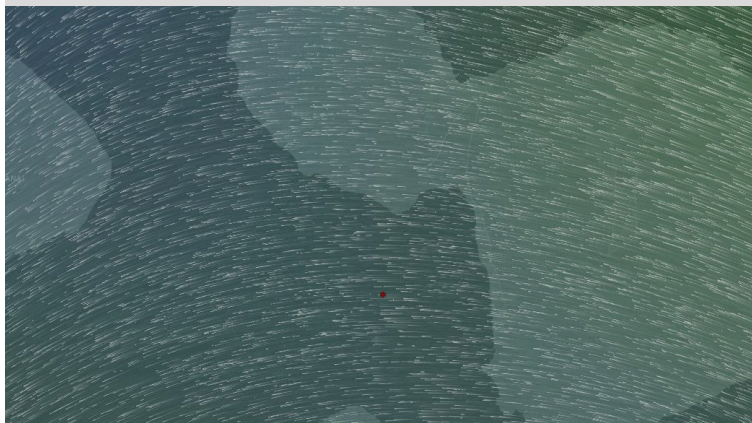# Quickly assess the event/ impact and view related GIS layers

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

Products | Info | Layers | Event Brief

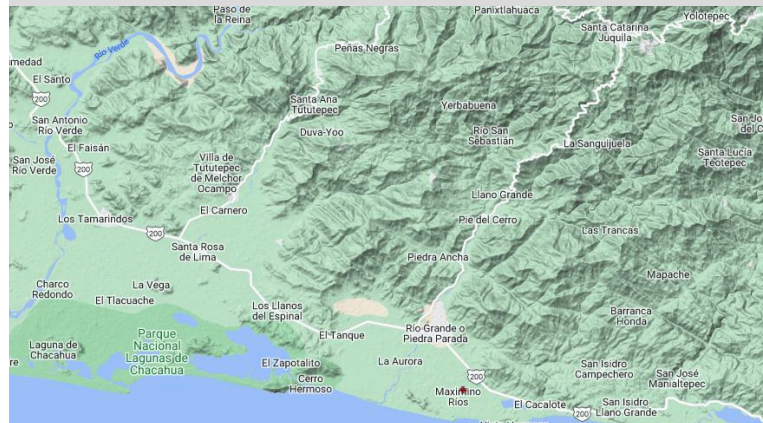## Wildfire Locations - Hotspots (Hazard Tooltip)

Current Wildfire Perimeters - USA (Hazard Tooltip)

Wind - Surface Velocity & Forecast (Hazard Tooltip)

Terrain (Layers > Backgrounds Tab)

Quickly answers:

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

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