

Flood

Learn more at disasteraware.org/tutorials/



Respond Faster with Smart Alert™

Select Delivery



SMS: Receive flood 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



United States and Canada:

- **Warning:** Flooding is imminent or occurring with severe impacts to population and infrastructure. Listen to local authorities and take necessary lifesaving action
- **Watch:** Conditions are favorable for flooding to occur with the potential to impact population or infrastructure. Monitor closely and be prepared to act if necessary.
- **Information:** Significant flooding has recently occurred with severe impacts to population or infrastructure. Agencies are responding. No additional threat anticipated.

Outside the U.S. and Canada: Flood hazards outside the United States and Canada were developed in partnership with NASA and are predictive.

- **Warning:** Flooding is anticipated to occur and may impact populations and infrastructure. Monitor closely and be prepared to act if necessary.

Sources include: PDC-Global, NASA, U.S. National Weather Service (NWS), Canada Met, regional and country authorities.

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.

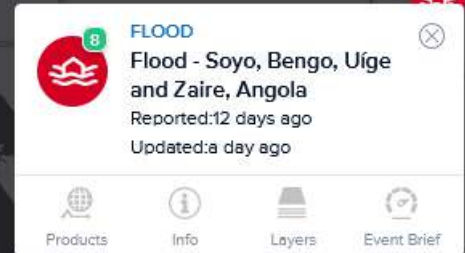
Enhance the monitoring and protection of specific assets (e.g. buildings, team and resource locations) via the **Assets feature**.

Enhanced Monitoring and Protection of Assets



Flood

Assess quickly using the Hazard tooltip ▶



FLOOD
Flood - Soyo, Bengo, Uíge and Zaire, Angola
Reported: 12 days ago
Updated: a day ago

Products Info Layers Event Brief



Products

Latest updates from PDC and partners.



Info

Quick summary of the flood event.



Layers

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



Event Brief

Flood hazard area.
(See example below.)



FLOOD - SOYO, BENGO, UÍGE AND ZAIRE, ANGOLA

EVENT STATUS AS OF 02 JANUARY 2024 20:24 (UTC)



1 COUNTRY AFFECTED

SET FILTER BY COUNTRY ▼

HAZARD EXPOSURE

RISK PROFILE



POPULATION EXPOSED

ESTIMATED POPULATION EXPOSED

286,000

ESTIMATED HOUSEHOLDS EXPOSED

44,300

ESTIMATED VULNERABLE POPULATION EXPOSED

91,500



45%

41,358
CHILDREN
AGE 0-14

52%

47,855
ADULTS
AGE 15-64

3%

2,288
ELDERLY
AGE 65+

CAPITAL EXPOSED

USD

1.60 BILLION

BREAKDOWN OF KEY NEEDS

FOR EXPOSED VULNERABLE POPULATION

192 MILLION
CALORIES PER DAY

274,000
LITERS OF WATER PER DAY

9,150
100-LITER WASTE BINS

315,000
SQUARE METERS OF SHELTER

Quickly answers:

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

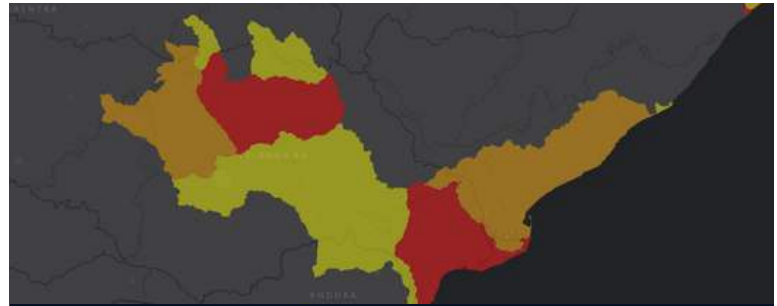


Access Key Layers

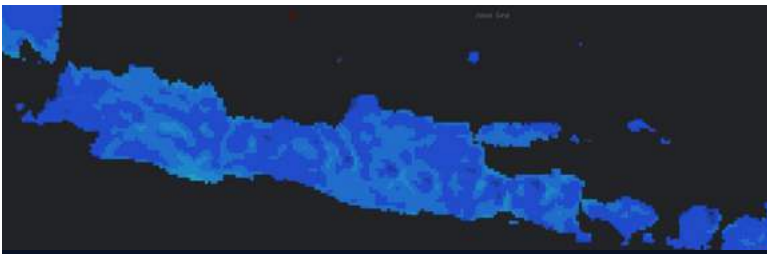
See [Layers](#) > Hazards and Events > Flood for all associated hazard layers.



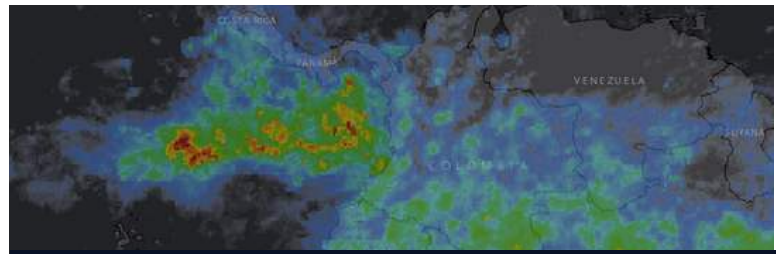
Global Flood Incidents (Hazard Tooltip)



Global Flood Watershed Severities (Hazard Tooltip)



Precipitation Forecast (Current Observations & Forecasts)



Rainfall Accumulation (Hazard Tooltip)



PDC/NASA Flood Partnership

PDC has partnered with NASA to integrate their global flood Model of Models (MoM) into DisasterAWARE making worldwide flood alerting a reality. When a high likelihood of flooding is detected, DisasterAWARE disseminates early warning, including automated exposure modeling by PDC.

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

Standing floodwaters may also contribute to the transmission of **infectious diseases**, as well as contain **hazardous chemicals**.

You can find **Biomedical** layers under [Layers](#) > Hazards and Events.

Be sure to also check for data on hazardous chemicals and associated infrastructure in the **Regional Data**.