Monitoring, Early Warning, and Actionable Intelligence for Tsunamis

Hazard Type Info

DisasterAWARE's tsunami hazard type provides users real-time **global** monitoring, **early warning**, and situational intelligence to better understand and respond to tsunamis, such as tsunami **travel time map**, real-time **buoy observations**, historical tsunami run-ups, **evacuation zones**, 25-years of **historical data**, and more. Know what assets and employees may be impacted, as well as the general exposure within the hazard zone (population, households, economic value, etc).

Focused Alerting

View and keep tabs on global active and upcoming Cyclone activity or define SmartAlert 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

Severities are based on the following conditions:

Sources: Pacific Tsunami Warning Center (PTWC), National Tsunami Warning Center (NTWC)

Warning
Tsunami waves observed. Dangerous coastal floods and currents. Move away from the coast and take appropriate lifesaving action.

Watch
Tsunami waves are possible but not yet confirmed. Monitor and be ready to take action.
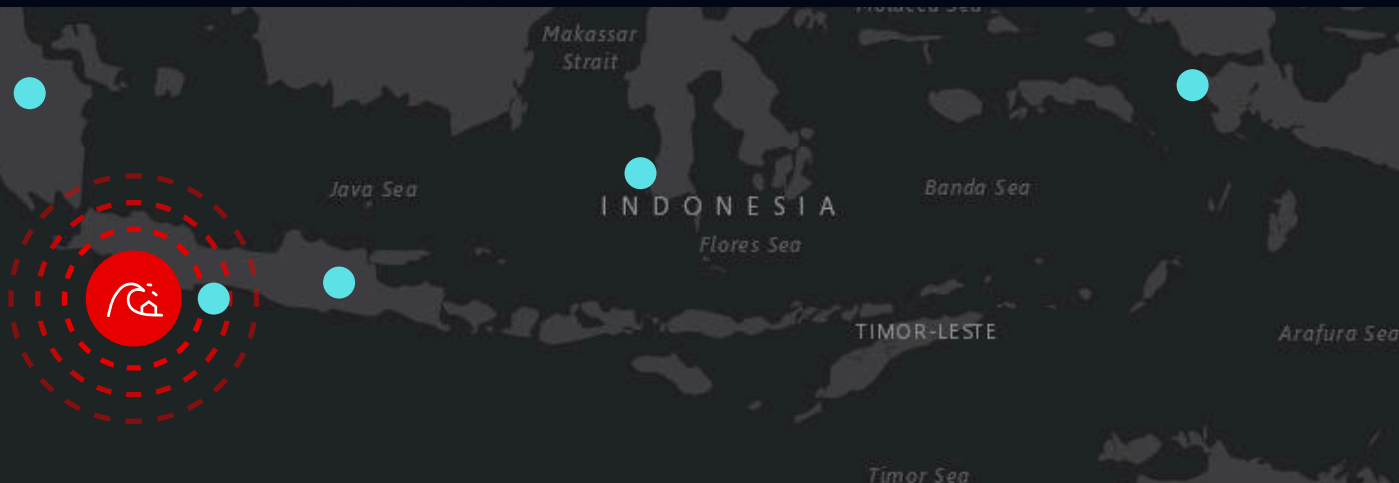
Advisory
Tsunami waves are possible near the source. Strong currents and waves are dangerous to those in or very near the water.
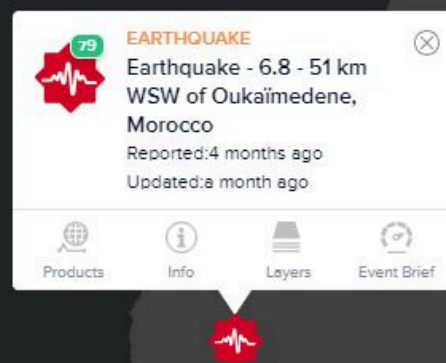
Information
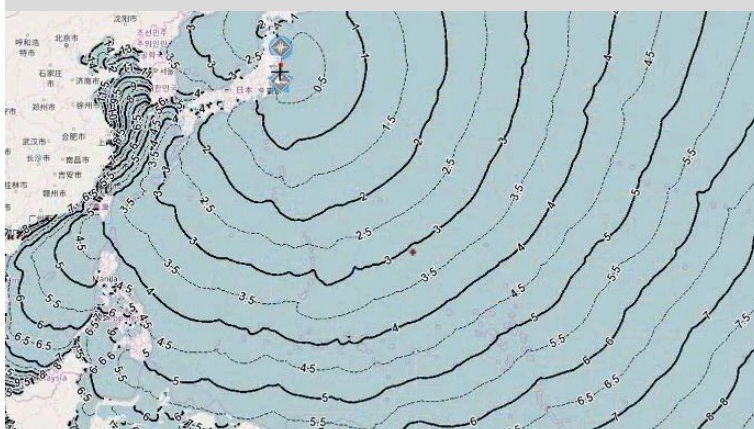No tsunami threat anticipated, or the tsunami event is very distant with localized impacts.

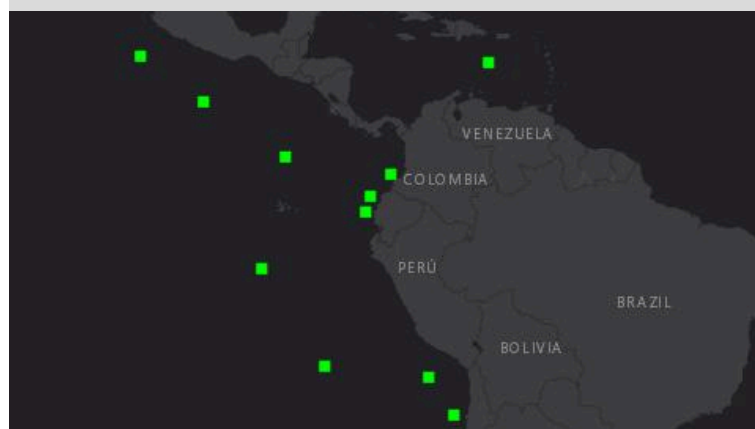## Enhanced Monitoring and Protection of Assets

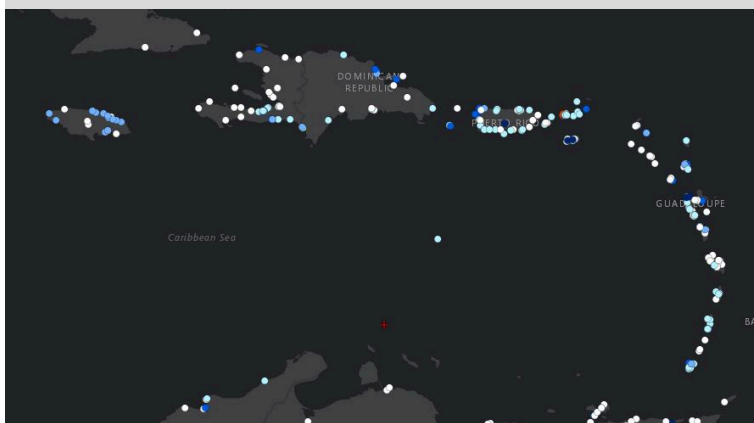# Quickly assess the event/impact and view related GIS layers

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

Products · Info · Layers · Event Brief

Tsunami Travel Times (Hazard Tooltip)

Tsunami Monitoring Stations (Hazard Tooltip)

Historical Tsunami Run-Up (Hazards and Events)

Hazard & Evacuation Zones (Layers > Regional Data)

Quickly answers:

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

Event Brief
For tsunamis with the potential to generate destructive waves.
(See example below.)

TSUNAMI (AK/BC/US WEST COAST) - 75 MILES SE OF CHIGNIK, ALASKA - 8.2
UNITED STATES AND CANADA
EVENT STATUS AS OF 29 JULY 2021 08:05 (UTC)

PDC | GLOBAL

2 COUNTRIES AFFECTED   SET FILTER BY COUNTRY

HAZARD EXPOSURE · RISK PROFILE · LIVE CAMERAS

POPULATION EXPOSED
ESTIMATED POPULATION EXPOSED: **11,169**
ESTIMATED HOUSEHOLDS EXPOSED: **4,304**
ESTIMATED VULNERABLE POPULATION EXPOSED: **1,343**

18% 248 CHILDREN AGE 0-14 · 65% 869 ADULTS AGE 15-64 · 17% 226 ELDERLY AGE 65+

ESTIMATED HOSPITALS EXPOSED: 🏥 **4**
ESTIMATED SCHOOLS EXPOSED: 🏫 **23**

CAPITAL EXPOSED

BREAKDOWN OF KEY NEEDS
FOR EXPOSED VULNERABLE POPULATION
2,912 CALORIES PER DAY
1,065 LITERS OF WATER PER DAY
134 100-LITER WASTE BINS
15,416 SQUARE METERS OF SHELTER