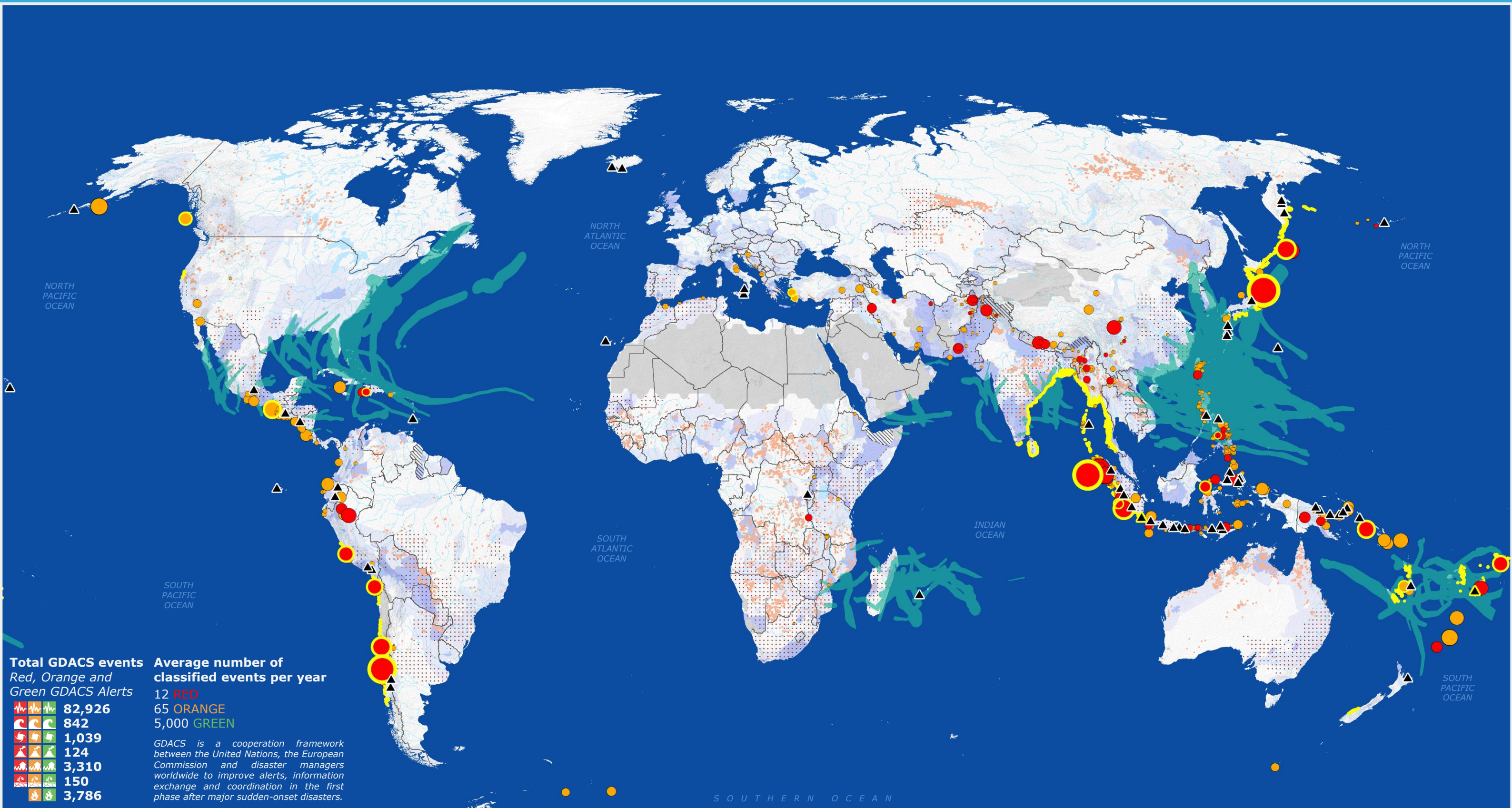


GDACS Significant Events 2004-2022



Total GDACS events
Red, Orange and Green GDACS Alerts

82,926
842
1,039
124
3,310
150
3,786

Average number of classified events per year

12 RED
65 ORANGE
5,000 GREEN

GDACS is a cooperation framework between the United Nations, the European Commission and disaster managers worldwide to improve alerts, information exchange and coordination in the first phase after major sudden-onset disasters.

Earthquakes
(since 2004)

GDACS Red Alert
Magnitude 9.1 M
7 M
5.1 M

GDACS Orange Alert
Magnitude 8.2 M
7 M
5.1 M

Volcanoes
(since 2011)

All GDACS Alerts

▲ Volcanic eruption

Tsunamis
(since 2006)

All GDACS Alerts

> 1.0m observed/calculated wave height

○ Earthquake that generated tsunami

▲ Volcano that generated tsunami

Tropical cyclones
(since 2011)

GDACS Red Alert
GDACS Orange Alert

Wind speed > 118 km/h

Floods
(since 2004)

All GDACS Alerts

2022
2004

Affected area/administrative division

Drought
(since 2017)

GDACS Red Alert
GDACS Orange Alert

Affected area/administrative division

Arid/Hyper-arid area (Aridity Index < 0.2)
Drought does not take into account these areas

Forest fires
(since 2021)

All GDACS Alerts

Affected area

All events are updated to 31 March 2022. For sources of all events, including the JRC, please refer to the [GDACS website](#), to GDACS relevant sections and to the "Alert" section in the GDACS website.

Data quality has improved over the considered time period for all events.

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