

GDACS Significant alerts 2011-2022



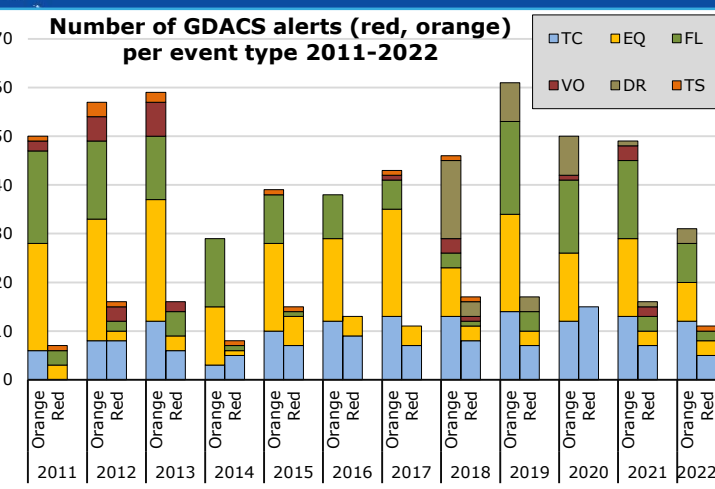
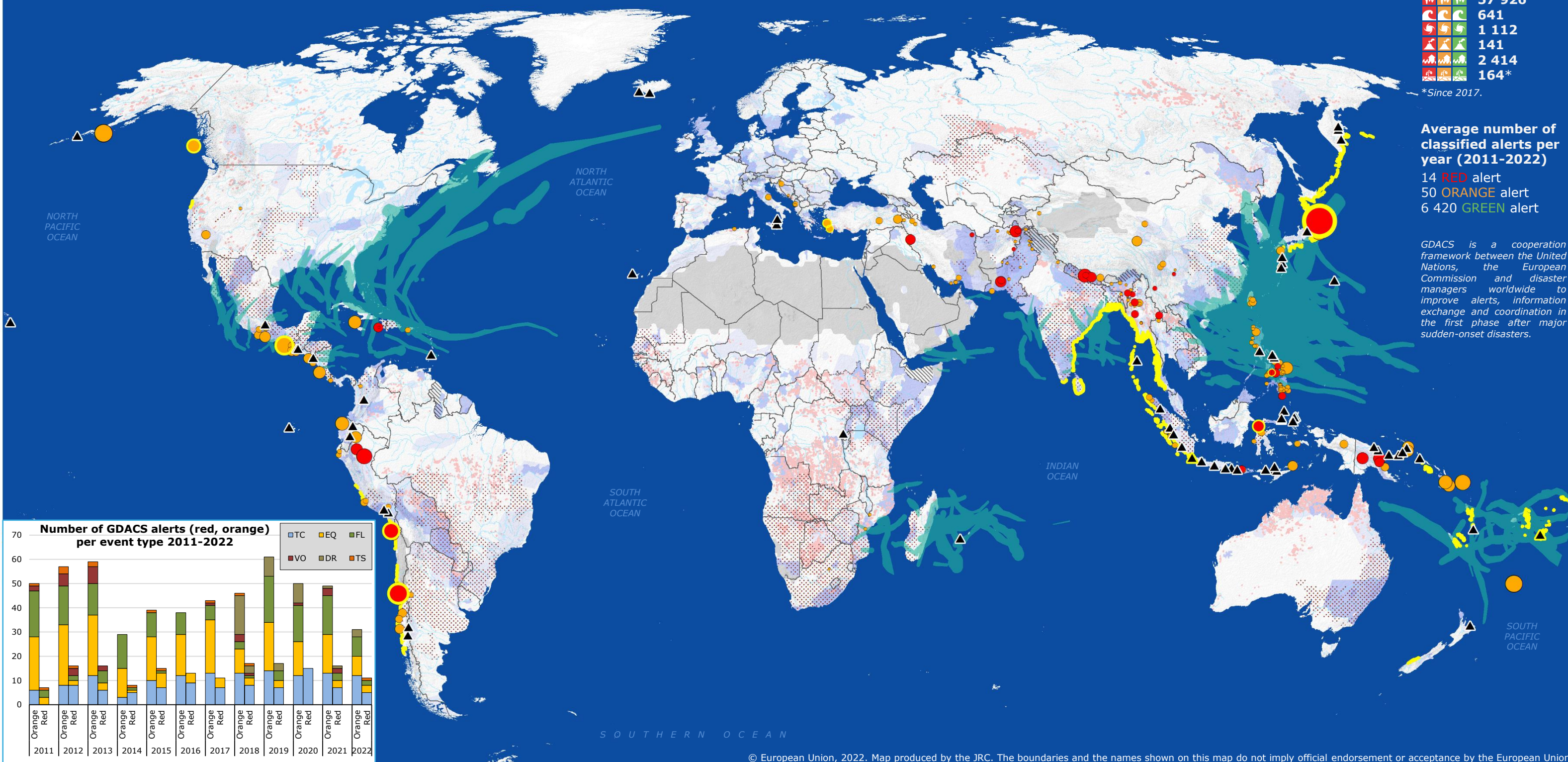
Total GDACS alerts (2011-2022)
Red, Orange and Green GDACS Alerts

| | |
|--|--------|
| | 57 926 |
| | 641 |
| | 1 112 |
| | 141 |
| | 2 414 |
| | 164* |

*Since 2017.

Average number of classified alerts per year (2011-2022)
14 RED alert
50 ORANGE alert
6 420 GREEN alert

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.



© European Union, 2022. Map produced by the JRC. The boundaries and the names shown on this map do not imply official endorsement or acceptance by the European Union.

Earthquakes (EQ) (since 2011)

- GDACS Red Alert
- Magnitude 9.0 M
- 7 M
- 5.1 M
- GDACS Orange Alert
- Magnitude 8.2 M
- 7 M
- 5.1 M

Volcanoes (VO) (since 2011)

- All GDACS Alerts
- Volcanic eruption

Tsunami (TS)¹ (since 2011)

- All GDACS Alerts
- > 1.0m observed/calculated wave height
- Earthquake that generated tsunami
- Volcano that generated tsunami

Tropical cyclones (TC)² (since 2011)

- GDACS Red Alert
- GDACS Orange Alert
- Wind speed > 118 km/h

Floods (FL) (since 2011)

- All GDACS Alerts
- 2022
- 2011
- Affected area/administrative division

Drought (DR) (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 fires³ (since 2021)

- All GDACS Alerts
- Affected area

¹Alert generated by EQ event or VO eruption.

²More info on TC classification on [WMO](http://www.wmo.int).

³Not represented in the graph and in the statistics.

All alerts are updated to 12 October 2022. For sources of all alerts, including the JRC, please refer to the [GDACS](http://gdacs.eu) website, to GDACS dedicated sections and to the [GDACS Alert](http://gdacs.eu/alert) section in the GDACS website. Data quality has improved over the considered time period for all alerts.