

## Earthquakes Around the World: Where, When, and How Strong

This visualization shows major earthquakes worldwide, highlighting tectonic hotspots. Are we seeing an increase in seismic activity over time?

This map visualizes earthquake occurrences along the Pacific Ring of Fire, highlighting regions of intense seismic activity. The ...



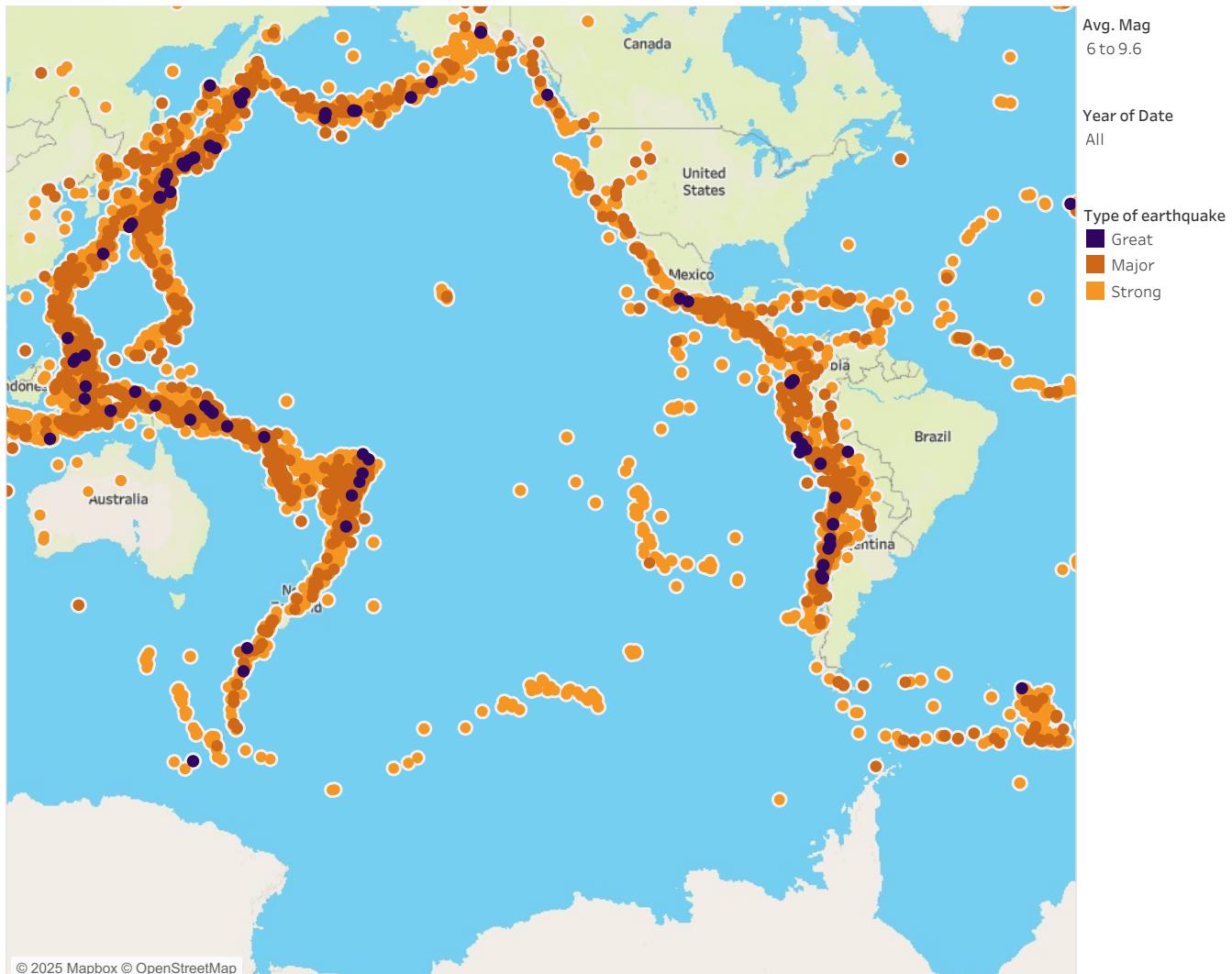
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This visualization shows major...

This map visualizes earthquake occurrences along the Pacific Ring of Fire, highlighting regions of intense seismic activity. The orange and purple points represent earthquake events, with clustering along tectonic plate boundaries where major subduction zones exist.

This chart tracks the frequency of Strong (6.0-6.9), Major...

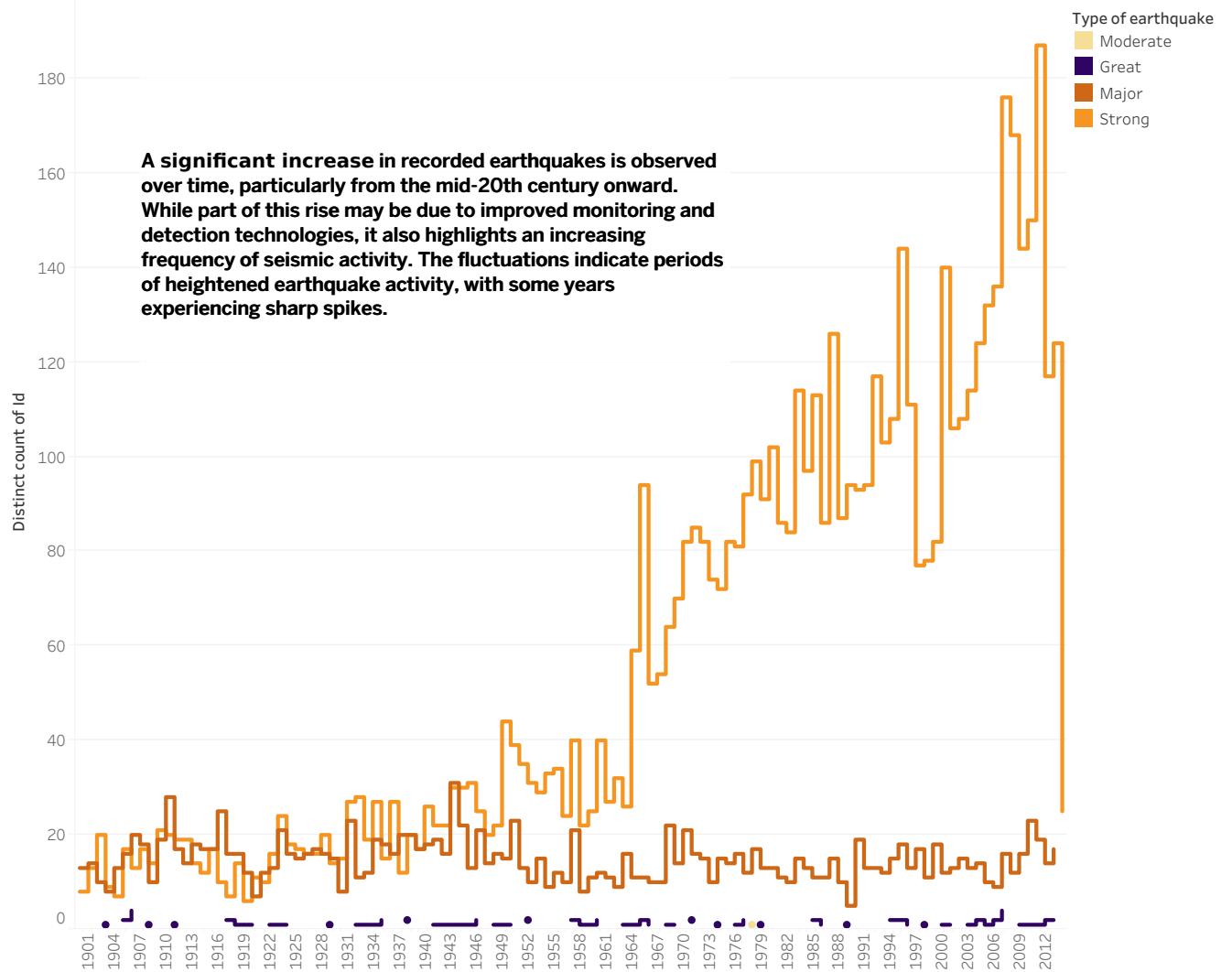


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This map visualizes earthquake occurrences along the P...

This chart tracks the frequency of Strong (6.0-6.9), Major (7.0-7.9), and Great (8.0+) earthquakes over the years. Are we seeing an increasing trend in seismic activity, or are these events cyclical?

This pie chart illustrates the relative occurrence of Strong (6.0...



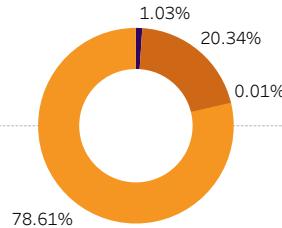
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This pie chart illustrates the relative occurrence of Strong (6.0-6.9), Major (7.0-7.9), and Great (8.0+) earthquakes. The vast majority fall in the Strong category, but even the rare Great earthquakes can cause catastrophic damage.

This stacked bar chart highlights the top 10 regions with the high..

**Most earthquakes fall into the 'Strong' category, making up 78.61% of all recorded events. 'Major' earthquakes account for 20.34%, while 'Great' earthquakes, though much rarer at 1.03%, are the most devastating. 'Moderate' earthquakes are the least frequent, contributing just 0.01%. This distribution highlights that while extreme earthquakes are rare, their impact is significantly higher**



Year of Date  
All

Type of earthquake  
Great  
Major  
Moderate  
Strong

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This pie chart illustrates the relative occurrence of Strong (6.0-6.9), Major (7.0-7.9), and Great (8.0+) earthquakes. The vast majority fall in the Stro..

This stacked bar chart highlights the top 10 regions with the highest number of earthquakes, showing the proportion of Strong (6.0-6.9), Major (7.0-7.9), and Great (8.0+) earthquakes.

