

TRACING THE PAST

PART 1: NEXT TIME

Some experts predict that the fault running through the San Francisco Bay Area will likely produce a major earthquake within the next 30 years. To them, the real question is not “Could it happen?” but “When?”

This timeline lists some of the largest earthquakes along the San Andreas Fault and the magnitude of each one. Do you see a pattern? Read the two articles listed below, then fill in the last row on the timeline. When do you think the next major earthquake will strike along the San Andreas?

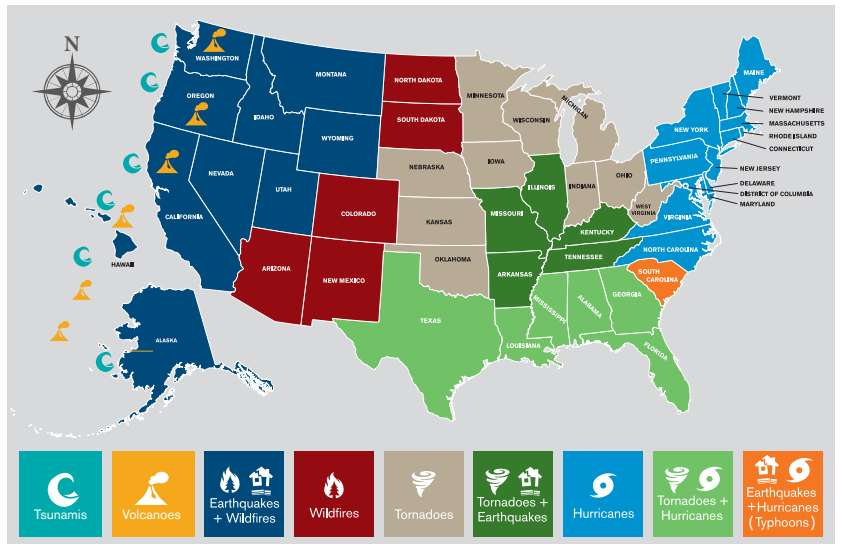
Year	Magnitude	Location
1906	7.8	San Francisco
1911	6.5	Morgan Hill
1979	6.0	Coyote Lake
1980	6.0	Livermore
1984	6.3	Morgan Hill
1989	7.1	Loma Prieta
2001	5.1	Napa
2007	5.6	Calaveras Valley
2014	6.0	Napa Valley



- *When Could the Next Large Earthquake Occur Along the San Andreas Fault?* (<http://pubs.usgs.gov/gip/earthq3/when.html>)
- *Forecasting California's Earthquakes* (<http://www.earthquakesafety.com/earthquake-faults.html>)

PART 2: KNOW YOUR RISKS

Earthquakes aren't the only type of disaster we face in the U.S. Every geographic region experiences natural disasters, from hurricanes in the east to tsunamis in the west. Use this map to identify the kinds of natural disasters that are most likely to happen in your part of the U.S. Then visit ready.gov/kids/know-the-facts to learn the science behind the kinds of disasters that occur in your region. Use the back of this sheet to list the disasters you should prepare for and what you should do to protect yourself and your family for each disaster.



Map courtesy of The American Red Cross. © 2015 The American Red Cross. All Rights Reserved.

WHERE WILL YOU BE?

SAN ANDREAS

[HTTP://SANANDREASMOVIE.COM](http://sanandreasmovie.com)



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