

CALIFORNIA GEOLOGICAL SURVEY 150TH ANNIVERSARY *Fault Activity Map of California* 2010



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INTRODUCTION

This map is a compilation of fault activity data from various sources, including the California Geological Survey, the U.S. Geological Survey, and other state and federal agencies. It shows the locations and characteristics of faults that have been active in California since 1800. The map is intended to provide a comprehensive overview of fault activity in the state and to serve as a resource for researchers and the public.

Symbol	Description
[Red line]	Major fault
[Orange line]	Active fault
[Green line]	Seismically active fault
[Blue line]	Historic fault
[Purple line]	Prehistoric fault
[Black line]	Other fault

EXPLANATION

MAJOR FAULTS
Major faults are defined as faults that have caused or are capable of causing significant seismicity. They are shown as red lines on the map.

ACTIVE FAULTS
Active faults are defined as faults that have been active in the recent past (within the last 10,000 years). They are shown as orange lines on the map.

SEISMICALLY ACTIVE FAULTS
Seismically active faults are defined as faults that have produced earthquakes of magnitude 2.5 or greater. They are shown as green lines on the map.

HISTORIC FAULTS
Historic faults are defined as faults that have been active in the historic past (within the last 100 years). They are shown as blue lines on the map.

PREHISTORIC FAULTS
Prehistoric faults are defined as faults that have been active in the prehistoric past (before 10,000 years ago). They are shown as purple lines on the map.

OTHER FAULTS
Other faults are defined as faults that do not fit into any of the other categories. They are shown as black lines on the map.

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REMARKS ON THE MAP
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