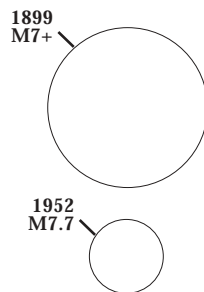


MAJOR EARTHQUAKES AND RECENTLY ACTIVE FAULTS IN THE SOUTHERN CALIFORNIA REGION

ACTIVE FAULTS

- Total length of fault zone that breaks Holocene deposits or that has had seismic activity
- Fault segment with surface rupture during an historic earthquake, or with a seismic fault creep.
- Holocene volcanic activity (Amboy, Pisgah, Cerro Prieto and Salton Buttes)

EARTHQUAKE LOCATIONS



Approximate epicentral area of earthquakes that occurred 1769-1933. Magnitudes not recorded by instruments prior to 1906 were estimated from damage reports assigned on intensity VII (Modified Mercalli scale) or greater; this is roughly equivalent to Richter M6.0. 31 moderate earthquakes, 7 major and one great earthquake (1857) were reported in the 164-year period 1769-1933.

Earthquake epicenters since 1933, plotted from improved instruments. 29 moderate and three major earthquakes were recorded in the 40-year period 1933-1973.

Source: SAIC, from Moran et. al. 1973.

Figure F-2. Regional Fault Map