



P:\Santa_Barbara_Mitigation\GIS\mxd\Earthquakes.mxd



Legend

- County Boundary
- US Route
- State Route
- Road
- Hydrology
- Fault Lines

August 2004
Source:

These regions are near major, active faults and will on average experience stronger earthquake shaking more frequently. This intense shaking can damage even strong, modern buildings.

↑
Increasing intensity

These regions are distant from known, active faults and will experience lower levels of shaking less frequently. In most earthquakes, only weaker, masonry buildings would be damaged. However, very infrequent earthquakes could still cause strong shaking here.

Earthquake Epicenters

Magnitude

- 0 - 4.9
- 5 - 5.1
- 5.1 - 5.3
- 5.3 - 5.5
- 5.5 - 5.8
- 5.8 - 6
- 6 - 6.4
- 6.4 - 6.8
- 6.8 - 7.2
- 7.2 - 7.6

Data Sources:

Earthquake Shaking Potential for California, California Seismic Safety Commission 03-02, California Geological Survey, Governor's Office of Emergency Services, and United States Geological Survey, 2003.

Digital database of faults from the Fault Activity Map of California and Adjacent Areas, California Geological Survey, 2000, 1994.



SANTA BARBARA COUNTY
Hazard Mitigation Plan
Ground Shaking Potential and Fault Lines

Figure 4.3.3-A