

# Seismic Hazard Mapping Bulletin



www.conservation.ca.gov/cgs

JUNE 2002 BULLETIN #12

## Three Official Seismic Hazard Zone Maps Released

Official Seismic Hazard Zone maps covering parts of Orange, Ventura, and Santa Clara counties have been released. The June 21, 2002 release includes Santa Paula quadrangle in Ventura County, San Clemente quadrangle in Orange County, and Mountain View quadrangle in Santa Clara County.

## Eight New Zone Maps Now Available for Review

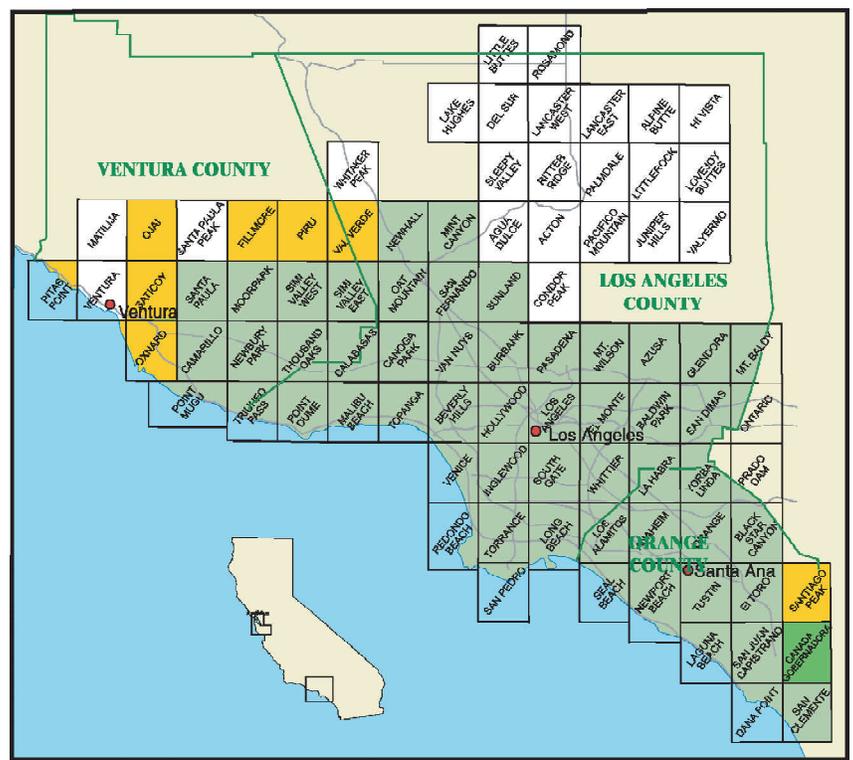
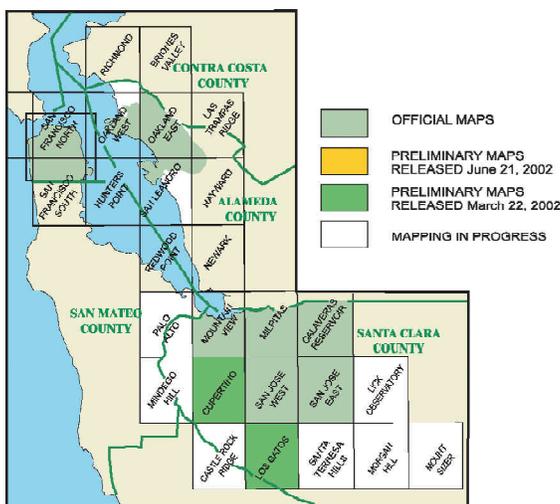
Preliminary Seismic Hazard Zone Maps for the Fillmore, Ojai, Piru, Val Verde, Pitas Point, Oxnard (revised), Saticoy and Santiago Peak quadrangles have been released for public review. New information developed during the liquefaction analysis of the Saticoy quadrangle resulted in a zone change on the previously published Oxnard quadrangle and that map has been revised. Ongoing work in Ventura County will complete the zoning of the southern half of the county within a year.

The Santiago Peak quadrangle is the last quadrangle to be released in Orange County. When that map becomes Official in December 2002, the zoning for Orange County will be complete.

Technical review comments regarding these eight new maps should be forwarded to the State Mining and Geology Board in Sacramento prior to September 21, 2002.

Cities affected by the official maps.

ORANGE COUNTY	
City Name	Map Name
San Clemente	San Clemente
San Juan Capistrano	
SANTA CLARA COUNTY	
City Name	Map Name
Los Altos	Mountain View
Los Altos Hills	
Mountain View	
Palo Alto	
San Jose	
Santa Clara	
Sunnyvale	
VENTURA COUNTY	
City Name	Map Name
Camarillo	Santa Paula
Santa Paula	



## Department Website Has New Look and Feel.

The Department of Conservation's web site has been re-designed to conform with the Governor's new web page standards. These standards comply with ADA regulations to ensure accessibility and ease of use for all visitors to the site.

In addition to that change, the Seismic Hazards Mapping Program (SHMP) has been working on a new way for our users to view and access our maps. An interactive GIS system (GeoMedia WebMap by Intergraph) will allow our users to access maps of zoned areas by the quadrangle name, county name, or city name, or interactively in a map view.

Choose what data to view: landslide zones, liquefaction zones, or boreholes. Zoom and pan tools will also be available on-line. In the future we plan to include major roads, city boundaries, legislative district boundaries, and other data.

Once navigated to the area of interest, the GIS data can then be downloaded by quadrangle. ESRI shape files are now available as well as dgn, dxf and MapInfo files. Zone Maps and Seismic Hazard Zone Reports will still be available, as they have been in the past, as Acrobat files.



- CGS recently printed a public brochure called "**Seismic Hazards in California**". It is designed to be used by city and counties and State agencies to introduce the public to the two types of hazards that our maps zone and to the process of using the maps for building permits and real estate sales.
- CGS released GIS Files of the **Official Alquist-Priolo Earthquake Fault Zones, Central Coastal Region**. The CD contains 211 Alquist-Priolo Earthquake Faults Zones 7.5-minute quadrangles, affecting Alameda, Contra Costa, Fresno, Kern, Lake, Marin, Merced, Monterey, Napa, San Benito, San Luis Obispo, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma, Stanislaus and Yolo counties, and is current as of 12/2001. Data are provided as MapInfo .tab files, ESRI shape files, and .dxf export files.

## SEISMIC HAZARDS MAPPING PROGRAM PROGRESS

As of June 21, 2002, sixty-six Official Seismic Hazard Zone maps showing zones of required investigation have been issued in northern and southern California. The maps are published on U.S.G.S. 7.5-minute quadrangles at a scale of 1 inch equals 2,000 feet. On the official release day, the maps are added to our website in five computer formats: MapInfo, DGN, DXF, pdf images and now, ESRI Shape files.

The geotechnical information used to compile each zone map is summarized in an evaluation report, which accompanies each quadrangle map. Currently all the Seismic Hazard Zone Reports for Official zone maps are available on the CGS website at <http://www.conservation.ca.gov>.

The new Department of Conservation website makes the data easier to access by clicking on the map images, or selecting the map, county or city of your area of interest. Future upgrades to the web site will include spatial queries, address matching and access to borehole information. In the meantime we are supplying some of that information in DRAFT digital format to institutions and agencies that use it as a data layer in their computer applications.

If you would like more information about the Seismic Hazards Mapping Program, visit our website at [www.conservation.ca.gov](http://www.conservation.ca.gov).

## REMINDER: FILING OF SITE INVESTIGATION REPORTS

Cities, Counties and State Agencies where Official Seismic Hazard zone maps have been released are required to send a copy of any required site investigation report to the State Geologist within 30 days of approval.

The purpose of this submittal is to expedite future updates of the zone maps by CGS. The Department of Conservation has no review authority, and does not approve or disapprove the reports.

Send reports to:

Department of Conservation  
California Geological Survey  
Seismic Hazards Mapping Program - Reports  
801 K Street, MS 12-31  
Sacramento, CA 95814