

U.S. Geological Survey

California Volcano Observatory (CalVO)

<http://volcanoes.usgs.gov/observatories/calvo/>



The USGS, Volcano Hazards Program monitors volcanoes, assesses their hazards, responds to volcanic crises, and conducts research to fulfill a Congressional mandate (Public Law 93-288) that the USGS issue "timely warnings" of potential volcanic hazards to responsible emergency-management authorities and to the populace affected. The USGS provides eruption warnings and related notifications based on data and observations collected from extensive monitoring networks operated by five USGS volcano observatories.

Located in Menlo Park, CA, the USGS **California Volcano Observatory**, or CalVO has responsibility for monitoring all potentially active volcanoes in California and Nevada and identifying and responding to all volcanic hazards. During periods of quiescence, CalVO watches for signs of unrest, conducts research, and provides long-term hazard assessments to government agencies, private industry, non-governmental organizations, educational institutions, and the public. During volcanic unrest and eruption, CalVO issues hazard alerts, providing timely information as volcanic activity ramps up, and, as importantly, as the volcano returns to quiescence.

The national report on volcanic threat published by the USGS in 2005 (USGS Open-File Report 2055-1164 <http://pubs.usgs.gov/of/2005/1164/>) lists the potentially active centers in California (and Nevada) as shown on the map above.