CALIFORNIA DEPARTMENT OF CONSERVATION
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MAP SHEET 48 (REVISED) RELEASE
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Earthquake Shaking Potential Map of California

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This map is an update of a 2003 map, incorporating new information from the recent "Uniform California Earthquake Rupture Forecast" (UCERF). That report states California has more than a 99 percent chance of having a magnitude 6.7 or larger earthquake within the next 30 years and a 46 percent chance of having a magnitude 7.5 or greater earthquake. While such a quake is more likely in Southern California than in the Bay Area, the latest report does describe that Hayward-Rodgers Creek fault as slightly more dangerous than previously believed. The UCERF report was provided to decision-makers who establish building codes, earthquake insurance rates and emergency plans. The areas more susceptible to high shaking and damage are shown on the map in pink and red hues. A unique property of this map is that local geologic conditions are taken into account; certain soil types tend to amplify seismic waves.

Map Sheet 48 (Revised) is available for reference at the California Geological Survey offices in Sacramento, Menlo Park, and Los Angeles.

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