

STATE OF CALIFORNIA  
**California Geological Survey**  
Earthquake Zones of Required Investigation  
Hollywood Quadrangle  
2014

THIS MAP SHOWS BOTH ALQUIST-PRIOLO EARTHQUAKE FAULT ZONES AND SEISMIC HAZARD ZONES ISSUED FOR THE HOLLYWOOD QUADRANGLE

This map shows the location of Alquist-Priolo (AP) Earthquake Fault Zones and Seismic Hazard Zones, collectively referred to here as Earthquake Zones of Required Investigation. The Geographic Information System (GIS) digital files of these regulatory zones released by the California Geological Survey (CGS) are the "Official Maps." GIS files are available at the CGS website [www.conservation.ca.gov/cgs](http://www.conservation.ca.gov/cgs). These zones will assist cities and counties in fulfilling their responsibilities for protecting the public from the effects of surface

fault rupture and earthquake-triggered ground failure as required by the AP Earthquake Fault Zoning Act (Public Resources Code Sections 2621-2630) and the Seismic Hazards Mapping Act (Public Resources Code Sections 2690-2699.9). For information regarding the general approach and recommended methods for preparing these zones, see California Geological Survey (CGS) Special Publication 42, *Fault-Rupture Hazard Zones in California*, and Special Publication 118, *Recommended Criteria for Delineating Seismic Hazard Zones in California*.

For information regarding the scope and recommended methods to be used in conducting the required site investigations refer to CGS Special Publication 42, *Appendix C Guidelines for Evaluating the Hazard of Surface Rupture*, and CGS Special Publication 117A, *Guidelines for Evaluating and Mitigating Seismic Hazards in California*. For a general description of the AP and Seismic Hazards Mapping acts, the zoning programs, and related information, please refer to the website at [www.conservation.ca.gov/cgs](http://www.conservation.ca.gov/cgs).

MAP EXPLANATION



**Active Fault Traces**  
Faults considered to have been active during Holocene time and to have potential for surface rupture; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by fault creep.



**Earthquake Fault Zones (Preliminary Zones for Review)**  
Zone boundaries are delineated by straight-line segments that connect encircled turning points; the boundaries define the zone encompassing active faults that constitute a potential hazard to structures from surface faulting or fault creep such that avoidance as described in Public Resources Code Section 2621.5(a) would be required.



**Earthquake Fault Zones (Not considered for this Preliminary Review)**  
Zone boundaries are delineated as straight-line segments that connect encircled turning points; the boundaries define the zone encompassing active faults that constitute a potential hazard to structures from surface faulting or fault creep such that avoidance as described in Public Resources Code Section 2621.5(a) would be required.



**Seismic Hazard Zones (Not considered for this Preliminary Review)**  
**Liquefaction**  
Areas where historical occurrence of liquefaction, or local geological, geotechnical and ground water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.



**Earthquake-Induced Landslides**  
Areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical and subsurface water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.



**Overlap of Earthquake Fault Zone and Liquefaction Zone**  
Areas that are covered by both Earthquake Fault Zone and Liquefaction Zone. Note: Mitigation methods differ for each zone - AP Act only allows avoidance; Seismic Hazard Mapping Act allows mitigation by engineering/geotechnical design as well as avoidance. (Fault Zone gray where not considered for this Preliminary Review.)



**Overlap of Earthquake Fault Zone and Earthquake-Induced Landslide Zone**  
Areas that are covered by both Earthquake Fault Zone and Earthquake-Induced Landslide Zone. Note: Mitigation methods differ for each zone - AP Act only allows avoidance; Seismic Hazard Mapping Act allows mitigation by engineering/geotechnical design as well as avoidance. (Fault Zone gray where not considered for this Preliminary Review.)

REFERENCES USED TO COMPILE FAULT DATA  
HOLLYWOOD QUADRANGLE

\*References indicated with asterisk are consultant reports on file with public agencies.

\*AMEC, 2013. *Geotechnical/Environmental Data Report - Northeast Interceptor Sewer Phase 2A (NEIS 2A) in the Area of the Hollywood Fault along Riverside Drive, Task Order Solicitation (TOS) 06-0976*, for the City of Los Angeles Department of Public Works, Bureau of Engineering, dated July 2, 2013.

Dolan, J.F., Siah, K., Rockwell, T.K., Gupta, P., and Miller, G., 1997. Active tectonics, paleoseismology, and seismic hazards of the Hollywood fault, northern Los Angeles basin, California. *GSA Bulletin*, v. 109, no. 12, p. 1595 - 1616.

Dolan, J.F., Stevens, D., and Rockwell, T.K., 2000. Paleoseismologic Evidence for an Early to Mid-Holocene Age of the Most Recent Surface Rupture on the Hollywood Fault, Los Angeles, California. *Bulletin of the Seismological Society of America*, Vol. 90, No. 2, pp. 334 - 344.

\*Harza Engineering Company, 1988. *Fault Rupture Hazard Investigation, Proposed After Sunset Project, Southeast Corner of Sunset and La Cienega Boulevards, West Hollywood, CA*, dated January 28, 1998.

Hernandez, J.L., 2014. *The Hollywood Fault Zone in the Hollywood 7.5' quadrangle, Los Angeles County, California*. California Geological Survey, Fault Evaluation Report FER 253, in preparation.

Hill, R.L., Sprotte, E.C., Chapman, R.H., Chase, G.W., Bennett, J.H., Real, C.R., Slade, R.C., Borchardt, G., Weber, F.H., 1979. *Earthquake Hazards Associated with Faults in the Greater Los Angeles Metropolitan Area*, Los Angeles County, California, including faults in the Santa Monica-Raymond, Verdugo-Eagle Rock, and Benedict Canyon Fault Zones, California Division of Mines and Geology, Open File Report 79-16 LA.

\*Law/Crandall, 2000. *Report of Fault Rupture Hazard Investigation, 1840 North Highland Avenue, Hollywood District, Los Angeles, California, Project No. 70131-9-0337*, dated February 11, 2000.

\*Law/Crandall, 2001. *Report of Fault Rupture Hazard Investigation, Proposed Sunset/Olive Mixed-Use Development, West Hollywood, CA, Project No. 70131-9-0119.0002*, dated June 26, 2001.

\*William Lettis & Associates, Inc., 2004. *Summary of Fault Rupture Hazard Investigations of Fault 1, East Parcel of the Sunset Millennium Project, City of West Hollywood, CA, Project No. 1403C*, dated April 16, 2004.

For additional information on faults in this map area, the rationale used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at regional offices of CGS.

References from previous Hollywood 7.5' Alquist-Priolo map

Bryant, W.A., 1985. *Northern Newport-Inglewood fault zone, Los Angeles County, California*. Division of Mines and Geology Fault Evaluation Report FER-173 (<http://ftp.consrv.ca.gov/pub/dmg/pubs/fer/173/>).

Castle, R.O., and Yerkes, R.F., 1976. *Recent surface movements in the Baldwin Hills, Los Angeles County, California*. U.S. Geological Survey Professional Paper 882, 125 p., 4 plates, scale 1:12,000.

**EARTHQUAKE FAULT ZONES**

Delineated in compliance with  
Chapter 7.5 Division 2 of the California Public Resources Code  
(Alquist-Priolo Earthquake Fault Zoning Act)

**HOLLYWOOD QUADRANGLE**

**PRELIMINARY REVIEW MAP**

Released: January 8, 2014  
To Be Superseded On Or About July 8, 2014

**SEISMIC HAZARD ZONES**

Delineated in compliance with Chapter 7.8,  
Division 2 of the California Public Resources Code  
(Seismic Hazards Mapping Act)

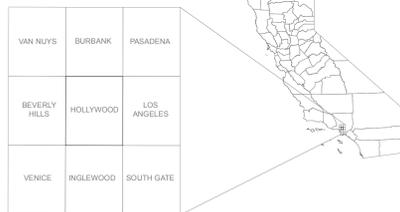
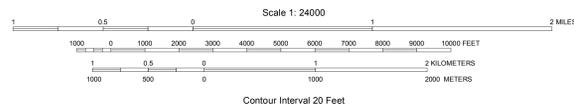
**HOLLYWOOD QUADRANGLE**

**OFFICIAL MAP**

Released: March 25, 1999

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**PRELIMINARY**  
**EARTHQUAKE FAULT ZONES**  
FOR REVIEW PURPOSES ONLY  
TO BE SUPERSEDED ON OR ABOUT  
JULY 8, 2014



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