



SEISMIC-HAZARD MAPS FOR THE CONTERMINOUS UNITED STATES
MAP L - HORIZONTAL SPECTRAL RESPONSE ACCELERATION FOR 1.0 SECOND PERIOD (5% OF CRITICAL DAMPING)
WITH 2% PROBABILITY OF EXCEEDANCE IN 50 YEARS

By

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1997

Digital data prepared with ARC/INFO 7.0.4
running under Solaris 2.5 on a LINUX workstation
Albers Equal-Area Conic Projection
Standard Parallels 29.5°N and 45.5°N
Central Meridian 95°W

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DISCUSSION
The acceleration values contoured are the random horizontal component. Reference site condition is firm rock, defined as having an average shear-wave velocity of 760 m/sec in the top 30 meters, corresponding to the boundary between NEHRP site classes B and C. Documentation, gridded values, and ARC/INFO coverages used to make the maps are available at: <http://geohazards.cr.usgs.gov/eq/>

ACKNOWLEDGMENTS
California portion of the map produced jointly with the California Division of Mines and Geology. Ken Rukstales prepared the ARC/INFO digital data and formatted the GIS versions of the maps.

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