



Contour intervals, % g	Explanation
200	Point value of spectral response acceleration expressed as a percent of gravity
175	
150	
125	
100	
80	
70	
60	
50	
40	
35	
30	
25	
20	
15	
10	
5	
0	

DISCUSSION

The acceleration values contained on this map are for the random horizontal component of the ground motion. For design purposes, the reference site condition for the map is to be taken as Site Class B.

A line shown as a fault location is the projection to the earth's surface of the edge of the fault rupture area located closest to the earth's surface. Only the portion of the fault that is shown on the map is the deterministic median spectral response acceleration times 1.5. The values on the fault portion shown may be used for interpolation purposes.

Selected contours near faults have been deleted for clarity. In these instances, the contours are shown as dashed lines.

This map was prepared using the software developed by Frankel and Rajtsis (2001, 2004) that contains software to allow determination of Site Class B map values by latitude-longitude. The software on the CD contains site coefficients that allow the user to adjust the map values for different site conditions. The CD also contains different data sets that can be used to prepare the Maximum Considered Earthquake Ground Motion maps.

The National Seismic Hazard Mapping Project Web Site, <http://nehrpmaps.usgs.gov>, contains the complete set of maps, maps of the United States, and other documentation, gridded values, and Arc/INFO coverages used to make the maps are also available.

Map prepared by U.S. Geological Survey.

Note: contours are irregularly spaced

- REFERENCES**
- Building Seismic Safety Council 2004, NEHRP Recommended Provisions for Seismic Regulations for New Buildings and Other Structures, Part 1 - Provisions, FEMA 450.
 - Building Seismic Safety Council 2004, NEHRP Recommended Provisions for Seismic Regulations for Existing Buildings and Other Structures, FEMA 451.
 - Leyendecker, E., Frankel, A., and Rajtsis, K., 2001, Seismic Design Parameters, U.S. Geological Survey Open-File Report 01-437.
 - Leyendecker, E., Frankel, A., and Rajtsis, K., 2004, Seismic Design Parameters, U.S. Geological Survey Open-File Report 04-137.
 - National Seismic Hazard Mapping Project, Web Site, <http://nehrpmaps.usgs.gov>.
 - U.S. Geological Survey.
 - Wesson, K., Frankel, A., Mueller, C., and Hanks, S., 1999, Probabilistic Seismic Hazard Analysis of the United States, U.S. Geological Survey Open-File Report 99-143.
 - Wesson, K., Frankel, A., Mueller, C., and Hanks, S., 1998, Seismic-Hazard Maps for Alaska and the Aleutian Islands, Sheet 2 - 2% Probability of Exceedance in 50 Years for Peak Horizontal Acceleration and Horizontal Spectral Response Acceleration for 0.2, 0.3, and 1.0 Second Periods, U.S. Geological Survey Geologic Investigation Series F-5679, Scale 1:500,000.

