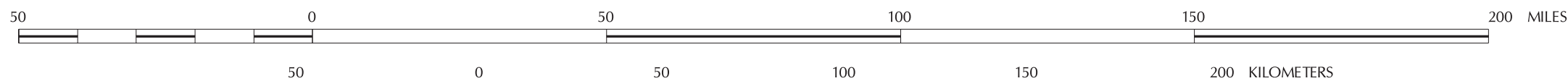


Scale 1:1,500,000



Explanation

Contour intervals, % g

- 200 —
- 175 —
- 150 —
- 125 —
- 100 —
- 90 —
- 75 —
- 60 —
- 50 —
- 40 —
- 30 —
- 25 —
- 20 —
- 15 —
- 10 —
- 8 —
- 6 —
- 4 —
- 2 —
- 0 —

Note: contours are irregularly spaced

- Areas with a constant spectral response acceleration of 60% g
- Point value of spectral response acceleration expressed as a percent of gravity
- 10 — Contours of spectral response acceleration expressed as a percent of gravity. Hachures point in direction of decreasing values.
- 10 —
- — — — International boundary
- — — — State boundary
- - - - - County boundary
- — — — Selected major highways

DISCUSSION

The acceleration values contoured are the random horizontal component. For design purposes, the reference site condition for the map is to be taken as NEHRP site class B.

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- Petersen, M., Bryant, W., Cramer, C., Cao, T., Reichle, M., Frankel, A., Lienkaemper, J., McCrory, P., and Schwartz, D., 1996, Probabilistic Seismic Hazard Assessment for the State of California: California Division of Mines and Geology Open-File Report 96-08, 66 p., and U.S. Geological Survey Open-File Report 96-706, 66 p.



Index map showing location of study area

MAP 14
Maximum Considered Earthquake Ground Motion
for the New Madrid Area
of
1.0 sec Spectral Response Acceleration (5% of Critical Damping)
Site Class B

Digital data prepared with ARC/INFO 7.1.1 running under Solaris 2.5 on a UNIX workstation

Albers Equal-Area Conic Projection
 Standard Parallels 29.5°N and 45.5°N
 Central Meridian 89.5°W

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