



**SEISMIC-HAZARD MAPS FOR THE CONTERMINOUS UNITED STATES
MAP B - PEAK HORIZONTAL ACCELERATION
WITH 5% PROBABILITY OF EXCEEDANCE IN 50 YEARS**

By

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Explanation

100
80
60
40
30
25
20
15
10
9
8
7
6
5
4
3
2
1
0

+ 6.2 Point value of peak acceleration expressed as a percent of gravity

— 10 — Contour of peak acceleration expressed as a percent of gravity

Note: contours are irregularly spaced

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 msec 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/>

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