



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

By

**Arthur Frankel, Charles Mueller, Theodore Barnhard, David Perkins, E.V. Leyendecker,
Nancy Dickman, Stanley Hanson and Margaret Hopper**

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Explanation

%g

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 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/>

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REFERENCES

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Digital data prepared with ARC/INFO 7.0.4 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 95°W
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