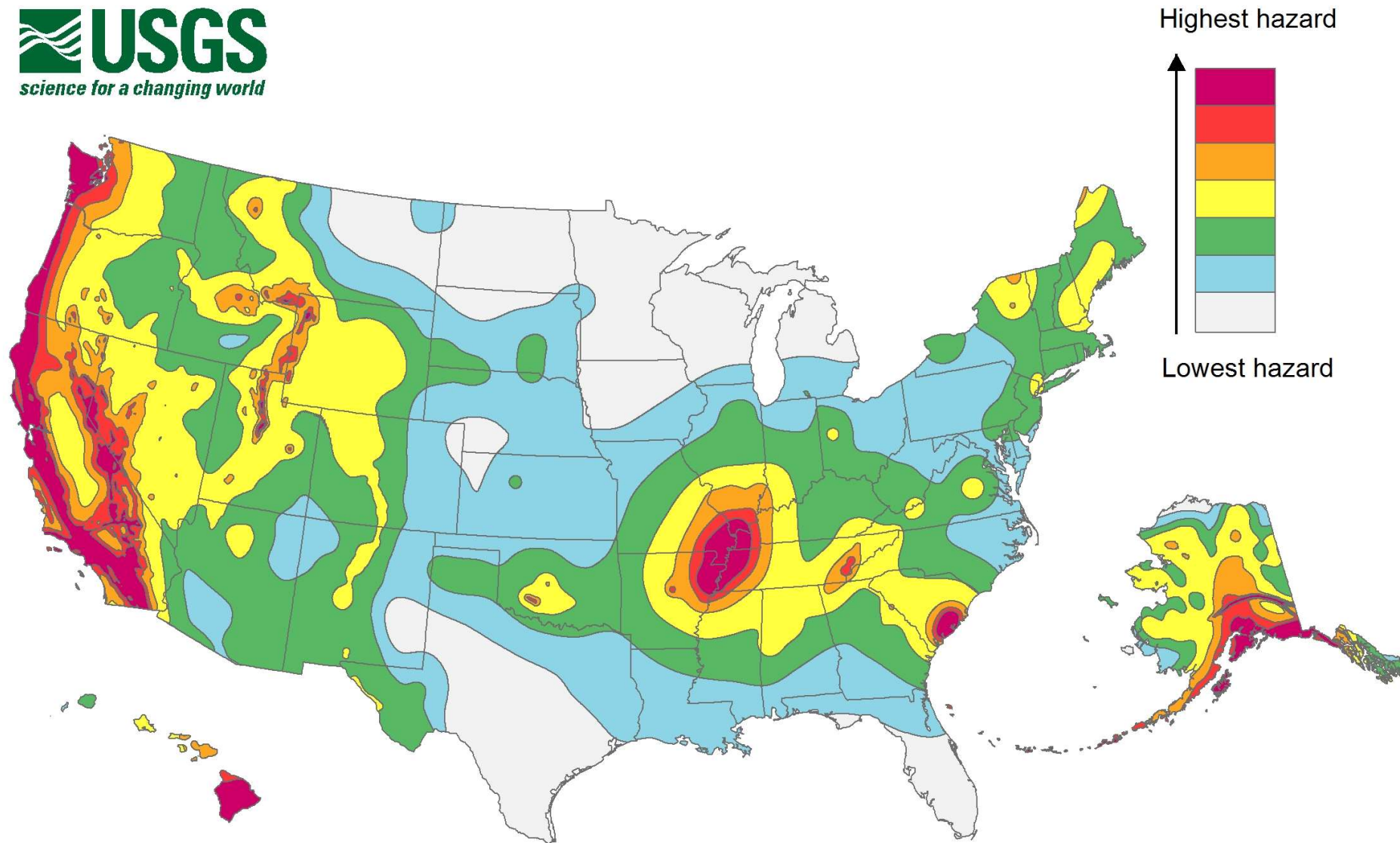


IMAGES ILLUSTRATIONS

2018 Long-term National Seismic Hazard Map

By [Earthquake Hazards Program](#)



Detailed Description

Earthquake hazard map showing peak ground accelerations having a 2 percent probability of being exceeded in 50 years, for a firm rock site. The map is based on the most recent USGS models for the conterminous U.S. (2018), Hawaii (1998), and Alaska (2007). The models are based on seismicity and fault-slip rates, and take into account the frequency of earthquakes of various magnitudes. Locally, the hazard may be greater than shown, because site geology may amplify ground motions.

Sources/Usage

Public Domain.

Explore Search

[Natural Hazards](#)

SCIENCE

Science Explorer

Mission Areas

Programs

Regions

Science Centers

Observatories

Laboratories

Frequently Asked Questions

Educational Resources

Special Topics

NEWS

Featured Stories

News Releases

Science Snippets

PRODUCTS

Data

Maps

Publications

Multimedia Gallery

Web Tools

Software

U.S. Board on Geographic Names

The National Map

USGS Library

USGS Store

Park Passes

CONNECT

Headquarters

Locations

Staff Profiles

[Technical Announcements](#)

[Employees in the News](#)

[Get Our News](#)

[Media Contacts](#)

[I'm a Reporter](#)

[Newsletters](#)

ABOUT

[About Us](#)

[Survey Manual](#)

[Organization](#)

[Key Officials](#)

[Congressional](#)

[Budget](#)

[Careers and Employees](#)

[Doing Business](#)

[Emergency Management](#)

[Social Media](#)

[Careers](#)

[Contact Us](#)

LEGAL

[Accessibility](#)

[FOIA](#)

[Site Policies](#)

[Privacy Policy](#)

[Site Map](#)

[DOI and USGS link policies apply](#)

[No FEAR Act](#)

[USA.gov](#)

U.S. Department of the Interior

Contact USGS

1-888-392-8545

answers.usgs.gov