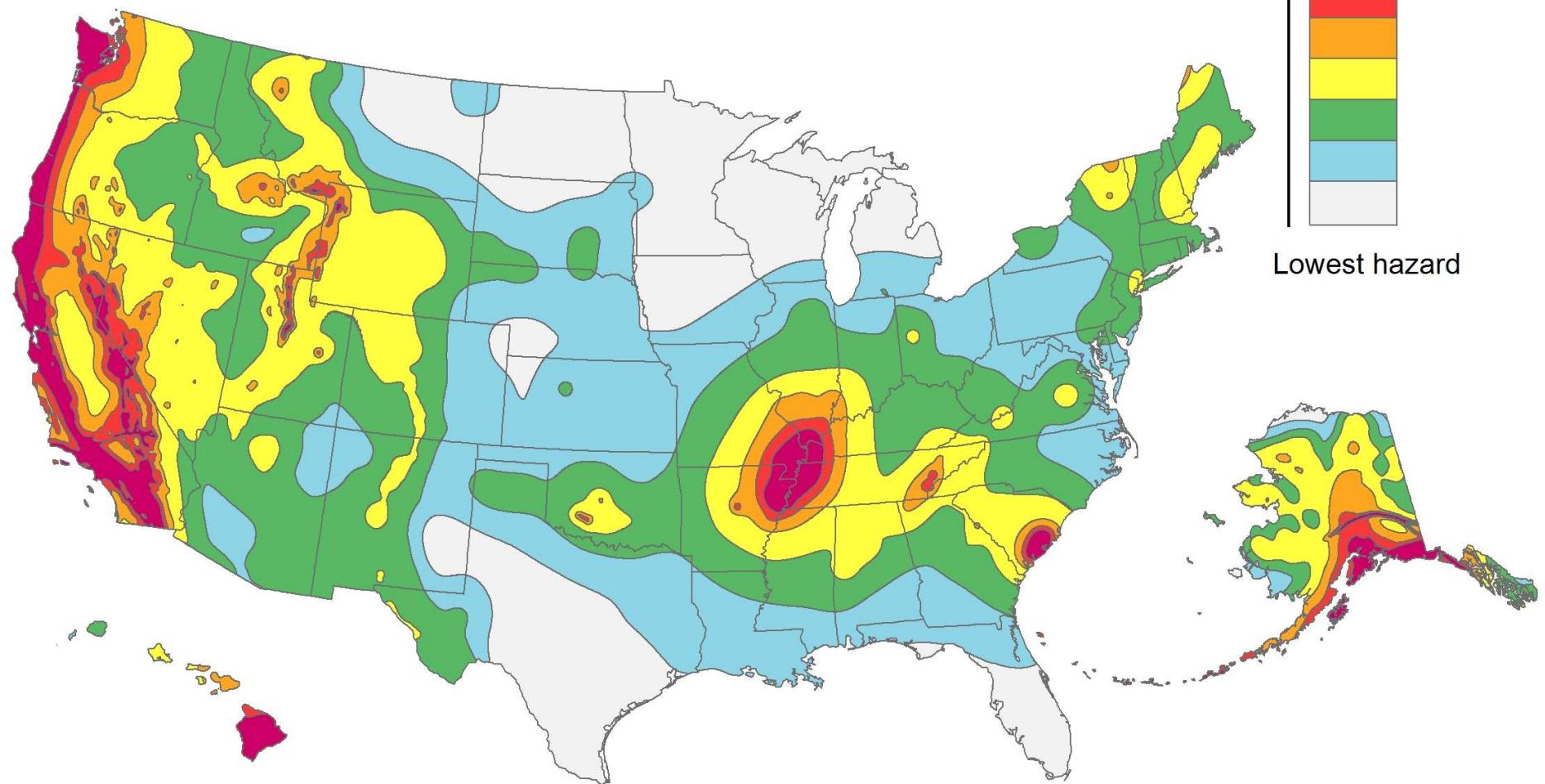


IMAGES [ILLUSTRATIONS](#)

2018 Long-term National Seismic Hazard Map

By [Earthquake Hazards Program](#)



Original

Thumbnail

Medium

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](#)

PRODUCTS

[Data](#)

[Maps](#)

[Publications](#)

[Multimedia Gallery](#)

[Web Tools](#)

[Software](#)

[U.S. Board on Geographic Names](#)

[The National Map](#)

[USGS Library](#)

[USGS Store](#)

[Park Passes](#)

NEWS

[Featured Stories](#)

[News Releases](#)

[Science Snippets](#)

CONNECT

[Headquarters](#)

[Locations](#)

[Staff Profiles](#)

Technical Announcements

Employees in the News

Get Our News

Media Contacts

I'm a Reporter

Newsletters

Social Media

Careers

Contact Us

ABOUT

About Us

Survey Manual

Organization

Key Officials

Congressional

Budget

Careers and Employees

Doing Business

Emergency Management

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