

U.S. Geological Survey - Earthquake Hazards Program

M 7.2 Scenario Earthquake - Hat Creek-McArthur-Mayfield

2013-10-10 12:00:00 (UTC) | 41.236°N 121.564°W | 7.6 km depth



This event is a scenario (it did not occur) and should only be used for planning purposes.

[More information about scenarios](#)

ShakeMap

[View all shakemap products \(1 total\)](#) ▼

Contributed by [US_1](#) last updated 2016-06-22 18:14:36 (UTC)

✓ The data below are the most preferred data available

Version 3

Intensity

PGA

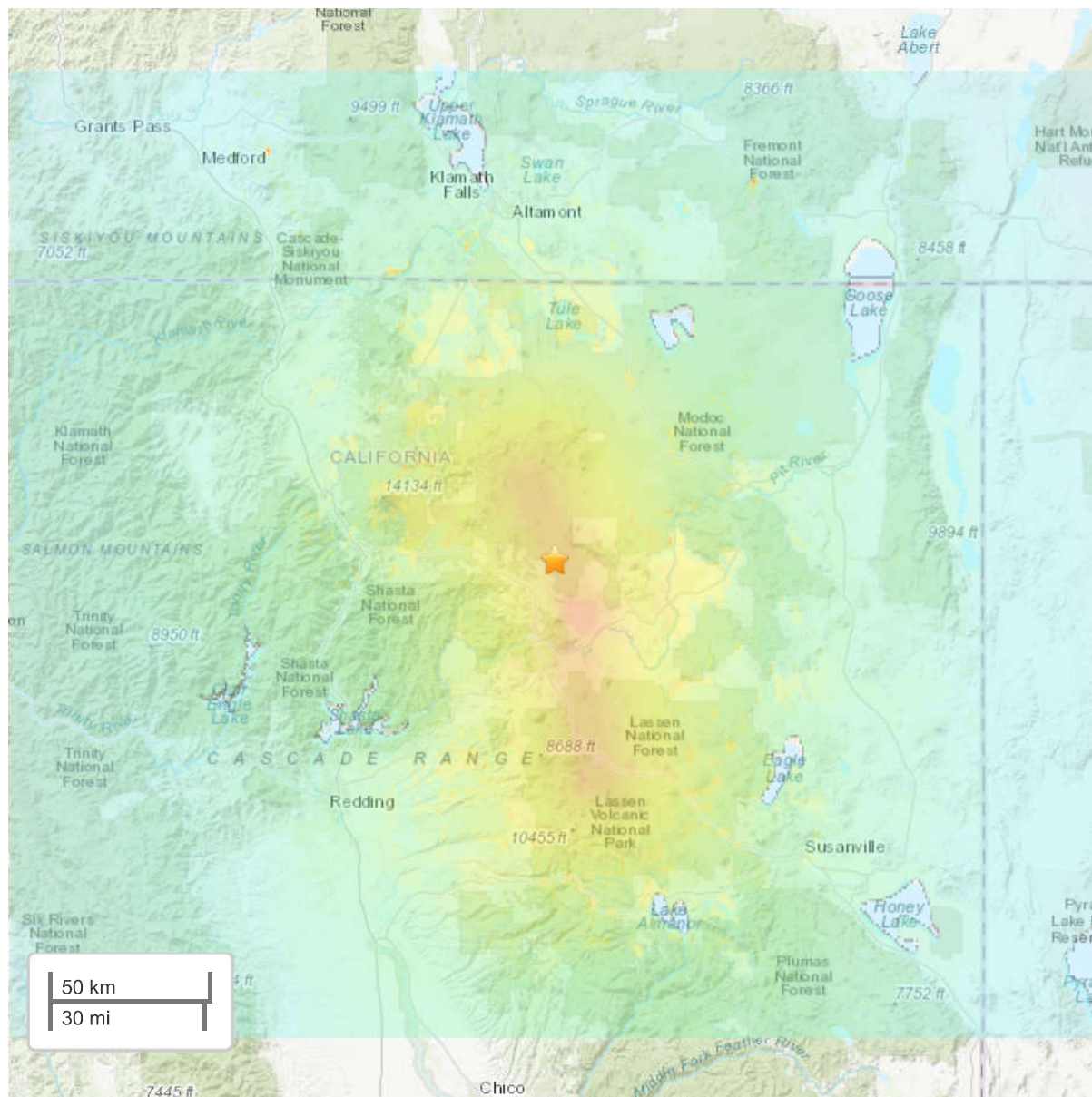
PGV

PSA

Metadata

Station List

Image Overlay Contours



PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Mod./Heavy	Heavy	Very Heavy
PEAK ACC.(%g)	<0.05	0.3	2.8	6.2	12	22	40	75	>139
PEAK VEL.(cm/s)	<0.02	0.1	1.4	4.7	9.6	20	41	86	>178
INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based upon Worden et al. (2012)

Download Intensity Image

[JPG \(146.7 KB\)](#)

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For More Information

- [Overview](#)
- [Impact Summary](#)
- [Shakemap Manual](#)

Contributors

1. [USGS National Earthquake Information Center, PDE](#)

Additional Information

- [ANSS Comprehensive Earthquake Catalog \(ComCat\) Documentation](#)
- [Technical terms used on event pages](#)