

PRELIMINARY QUATERNARY FAULT AND SEISMICITY MAP OF THE LOVELOCK 1 x 2 DEGREE QUADRANGLE, NEVADA

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Age of Latest Fault Rupture

- Historical fault—within the last 100 years Solid where certain, dashed where approximately located.
- Latest Pleistocene and Holocene—within the last 15,000 years Solid where certain, dashed where approximately located.
- Late Quaternary—within the last 150,000 years Solid where certain, dashed where approximately located.
- Middle Quaternary—within the last 750,000 years Solid where certain, dashed where approximately located.
- Quaternary—within the last 1,800,000 years but not in other categories Solid where certain, dashed where approximately located.
- Class II faults—Quaternary age is suspected Solid where certain, dashed where approximately located.

Earthquakes—1840s to 2014

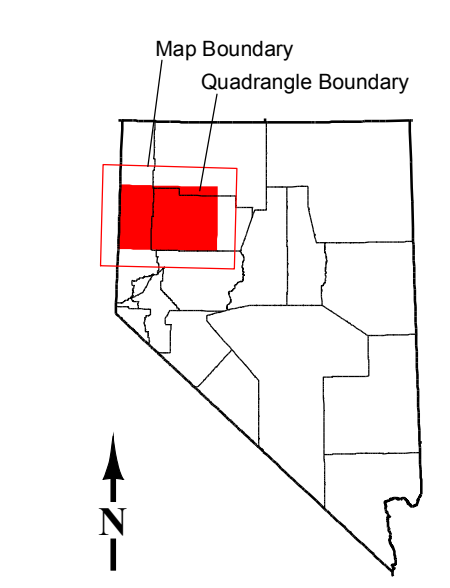
- Magnitude less than 2.0
- Magnitude 2.0 to 2.9
- Magnitude 3.0 to 3.9
- Magnitude 4.0 to 4.9
- Magnitude 5.0 to 5.9
- Magnitude 6.0 and greater

The earthquake dataset is derived from the Nevada Seismological Laboratory catalog. The accuracy of earthquake locations is variable, and an evaluation of location uncertainties is not included in this release.

Fault locations are adapted and modified from Nevada Bureau of Mines and Geology 1107 Quaternary Faults in Nevada and the U.S. Geological Survey Quaternary Fault and Fold Database.

Quadrangle boundary 30 km buffer applied to 1 x 2 degree quadrangle boundary

County boundary



Adjoining 1 x 2 degree quadrangle names

1	2	3
4	5	6
7	8	9

- Alturas, CA
- Vya, NV
- McDermitt, NV
- Susannahville, CA
- Lovelock, NV
- Winnemucca, NV
- Chico, CA
- Reno, NV
- Millet, NV

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Scale 1:250,000

0 5 10 Kilometers

0 4 8 Miles

0 25000 50000 Feet

Projection: Universal Transverse Mercator, Zone 11, North American Datum 1983 (m)

Base map: Digital shaded relief created from U.S. Geological Survey 10 m DEM

Hydrologic data from U.S. Geological Survey 2015 National Hydrography Dataset

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NBMG Nevada Bureau of Mines and Geology
 Markay School of Earth Sciences and Engineering
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DRIFT
 Preliminary map
 Has not undergone office or field review

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