

**Age of Latest Fault Rupture**

Historical fault—within the last 150 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 130,000 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 B faults—Quaternary age is suspected. Solid where certain, dashed where approximately located.

Fault locations are adapted and modified from Nevada Bureau of Mines and Geology M187 Quaternary Faults in Nevada and the U.S. Geological Survey Quaternary fault and fold database.

**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.

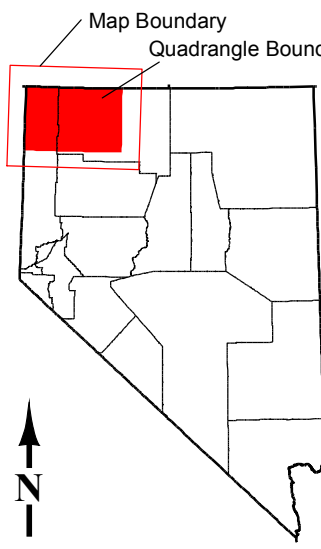
**Quadrangle boundary** 30 km buffer applied to 1 x 2 degree quadrangle boundary

**County boundary**

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

Craig M. dePolo and Seth M. Dee  
Nevada Bureau of Mines and Geology

2015



Adjoining 1 x 2 degree quadrangle names

1	2	3
4	5	6
7	8	9

1 Klamath Falls, OR  
2 Adel, OR  
3 Jordan Valley, OR  
4 Alturas, CA  
5 Vya, NV  
6 McDermitt, NV  
7 Susanville, CA  
8 Lovelock, NV  
9 Winnemucca, NV

**Suggested citation:**  
dePolo, C.M., and Dee, S.M., 2015. Preliminary Quaternary fault and seismicity map of the Vya 1 x 2 degree quadrangle, Nevada. Nevada Bureau of Mines and Geology Open-File Report 15-11A, scale 1:250,000.

Scale 1:250,000

0 5 10 Kilometers  
0 4 8 Miles

0 20000 50000 Feet

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

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

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

Nevada Bureau of Mines and Geology  
Markay School of Earth Sciences and Engineering  
College of Science  
University of Nevada, Reno

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**DRAFT**  
Preliminary map  
Has not undergone office or field review

Cartography and map production in ESRI ArcGIS v10.1 by Katie E. Ryan  
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Nevada Bureau of Mines and Geology  
2175 Regatta Place  
Reno, Nevada 89512  
ph (775) 682-8700  
www.nbmng.unr.edu, nbmg@unr.edu