



Seismic Stations In Arkansas

About the Map

Scientists use seismic instruments for locating the horizontal and vertical center (hypocenter) of earthquakes. Precise location of earthquakes in this manner helps define the size, orientation and other characteristics of the source area and aids scientists in their understanding and evaluation of earthquakes. The existing broadband, short period and strong motion seismic stations in Arkansas are operated by the United States Geological Survey (USGS), the Center for Earthquake Research and Information (CERI) at the University of Memphis, St. Louis University (SLU), the Arkansas Earthquake Technology and Transfer Center (AETTC) at the University of Arkansas at Little Rock (UALR), the United States Army Corps of Engineers (USACOE) and the Arkansas Geological Survey (AGS). Copies of this map are available from the Arkansas Geological Survey, Little Rock, Arkansas.



Station Legend

- CERI Strong Motion Stations # 1-6
Cooperative New Madrid Seismic Network (CNMSN)
- CERI Short Period Stations # 7-8
Cooperative New Madrid Seismic Network (CNMSN)
Lennox Node (LNXT)
- CERI Short Period Stations # 9-29
Cooperative New Madrid Seismic Network (CNMSN)
Marked Tree Node (MKTA)
- CERI Broadband Stations # 30-32
Cooperative New Madrid Seismic Network (CNMSN)
- AETTC Broadband Stations # 33-34
Arkansas Seismic Observatory (ASO)
- SLU Broadband Station # 35
Cooperative New Madrid Seismic Network (CNMSN)
- USGS Broadband Station # 36
Advanced National Seismic System (ANSS)
- AETTC Short Period Stations # 37-43
Small Aperture Array - Enola
- USGS Strong Motion Stations # 44-49
National Engineering Strong-Motion Program (NESMP)
- USACOE Strong Motion Station # 50
Norfolk Dam
- AGS (AG) Broadband Stations # 51-56
Arkansas Seismic Network (ASN-AG)

Symbols

- Interstate Highways
- US Highways
- Incorporated Areas

Disclaimer

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The bases used in the making of this map were acquired at the GeoStor online.



Scott M. Ausbrooks
Erica Doerr
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