



Arkansas Seismic Network

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 Arkansas Seismic Network (ASN) consists of six state-of-the-art permanent broadband seismic stations strategically placed within selected State Parks across Arkansas. The goal of the ASN is to establish better and more uniform earthquake detection outside the New Madrid seismic zone (NMSZ). The ASN is seamlessly integrated with both regional and national seismic networks. The ASN is operated by the Arkansas Geological Survey (AGS) and installation was conducted by the Center for Earthquake Research and Information (CERI) at the University of Memphis in cooperation with the Arkansas State Parks. Copies of this map are available from the Arkansas Geological Survey, Little Rock, Arkansas.



Station Legend

-  Cane Creek (CCAR)
Cane Creek State Park
-  Hobbs (HHAR)
Hobbs State Park
-  Lake Charles (LCAR)
Lake Charles State Park
-  Ozark Folk Center (FCAR)
Ozark Folk Center State Park
-  White Oak Lake (WLAR)
White Oak Lake State Park
-  Woolly Hollow (WHAR)
Woolly Hollow State Park

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 GeoStore online.

The Arkansas Seismic Network (ASN) was developed in cooperation with:



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