Bentonville

Washington

Crawford

Fort Smith

Polk

Howard

Sebastian

~~~

De Queen

Little River

Sevier

Carroll

Johnson

Clarksville

Newton

Pope

Pottsville

Perry

Russellville

Garland

Clark

Hot Spring

Marshall

Van Buren

Pulaski

Grant

Calhoun

Dallas

Conway

Searcy

Huntsville

Franklin

Logan

Montgomery

Pike

Hempstead

Madison

Benton

Siloam Springs

## 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-ofthe-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 Blytheville 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) 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 New ANS Perminate Stations Symbols Interstate Highways **──** US Highways Incorporated Areas

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

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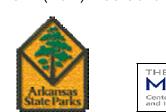
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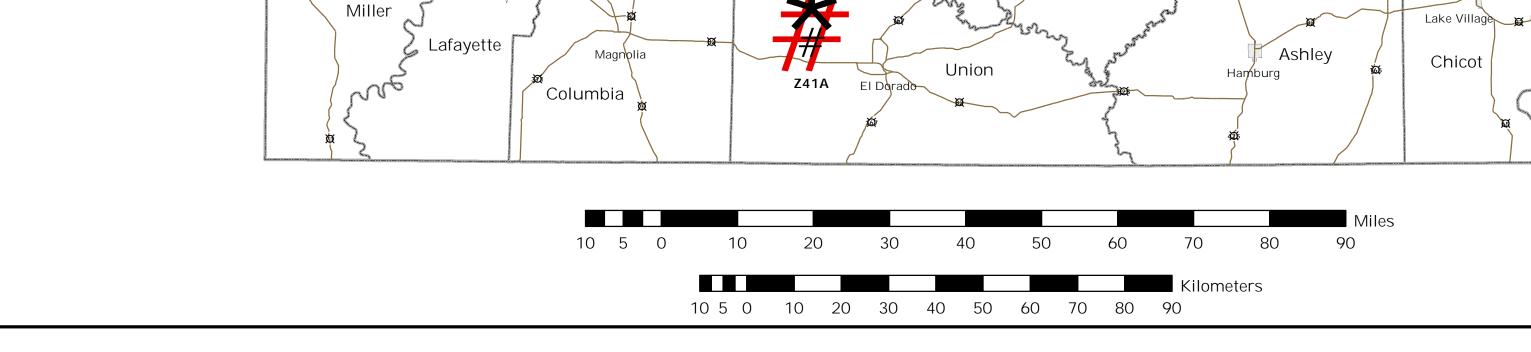




Scott M. Ausbrooks David H. Johnston 2010

28 January 2017 Scale: 1 : 800,000

Digital Compilation:
DO,000 Jerry W. Clark



Ouachita

## Randolph Clay Fulton Baxter Sharp Randolph Clay Pocahontas Greene Izard Sharp LCAR

Independence

Bald Knob

Prairie

White

Cleburne

Jefferson

Monticello

Drew

Cleveland

Bradley

Faulkner

Sherwood

Lawrence

Jackson

Woodruff

Monroe

Arkansas

Desha

Craighead

Poinsett

Cross

St. Francis

Lee

Forrest City

Marianna

Phillips

Helena West Helena

Marked Tree

Gilmore

Crittenden

West Memphis

Mississippi