



# Welcome!



# CERI

## NEHRP ACEHR Committee

November 9, 2010

Charles Langston

*Director*

Arch Johnston

*Founding Director*

Christine Powell

*Director for Academic Programs*

Gary Patterson

*Director for Education and Outreach*

Mitch Withers

*Director of Seismic and Computer Networks*



# CERI

*State Agency*

*Research "Project" at University of Memphis  
Research/Education/Outreach*

- Tennessee Earthquake Information Center  
1977 - 1984 (State Agency)
- Tennessee Center of Excellence 1984
- "Accomplished Center" 1988



# Personnel

- 4 Tenured Professors
- 5 Research Professors
- 1 CERI Associate Professor
- 1 Adjunct Professor (USGS Office)
- 17 Professional Staff Members
- 3 Support Staff Members
- 8 Masters and 16 PhD Graduate Students

# Funding (FY11)

- COE \$0.9 M
- University of Memphis Match 0.8 M
- External Grants and Contracts 2.4 M
  
- Total \$4.1 M



# Major Facilities

- New Madrid Cooperative Seismic Network
- Eastern Tennessee Seismic Network
- New Madrid GPS Network
- Field Deployment Laboratory
- Public Earthquake Resource Center

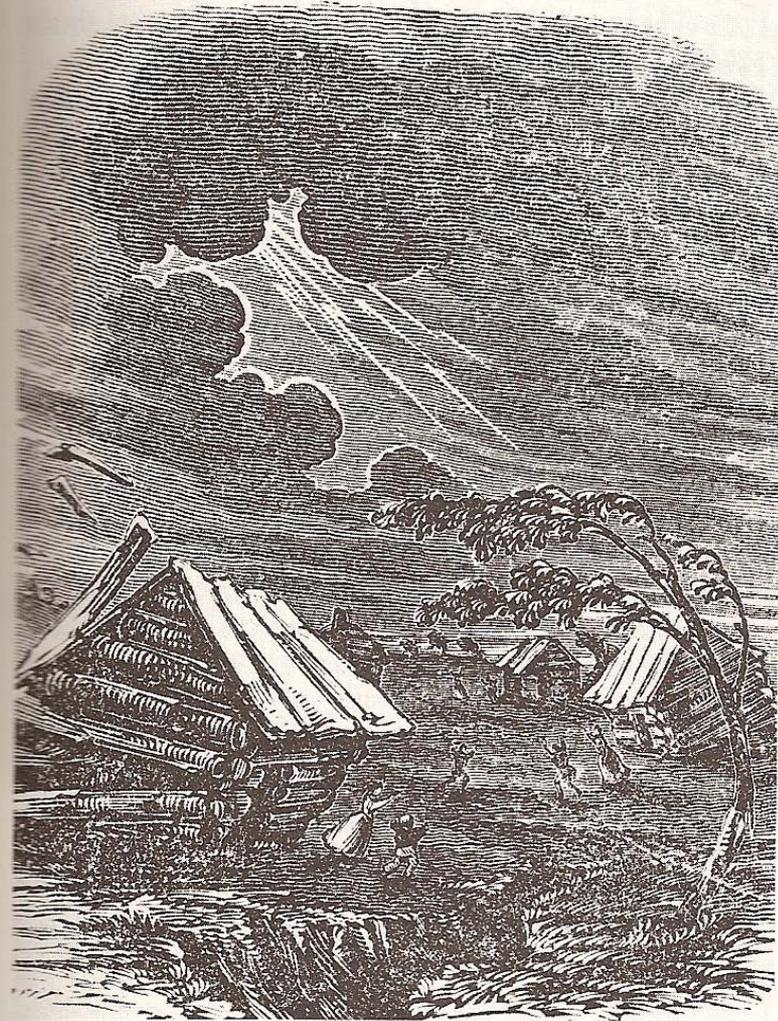


1811-2011



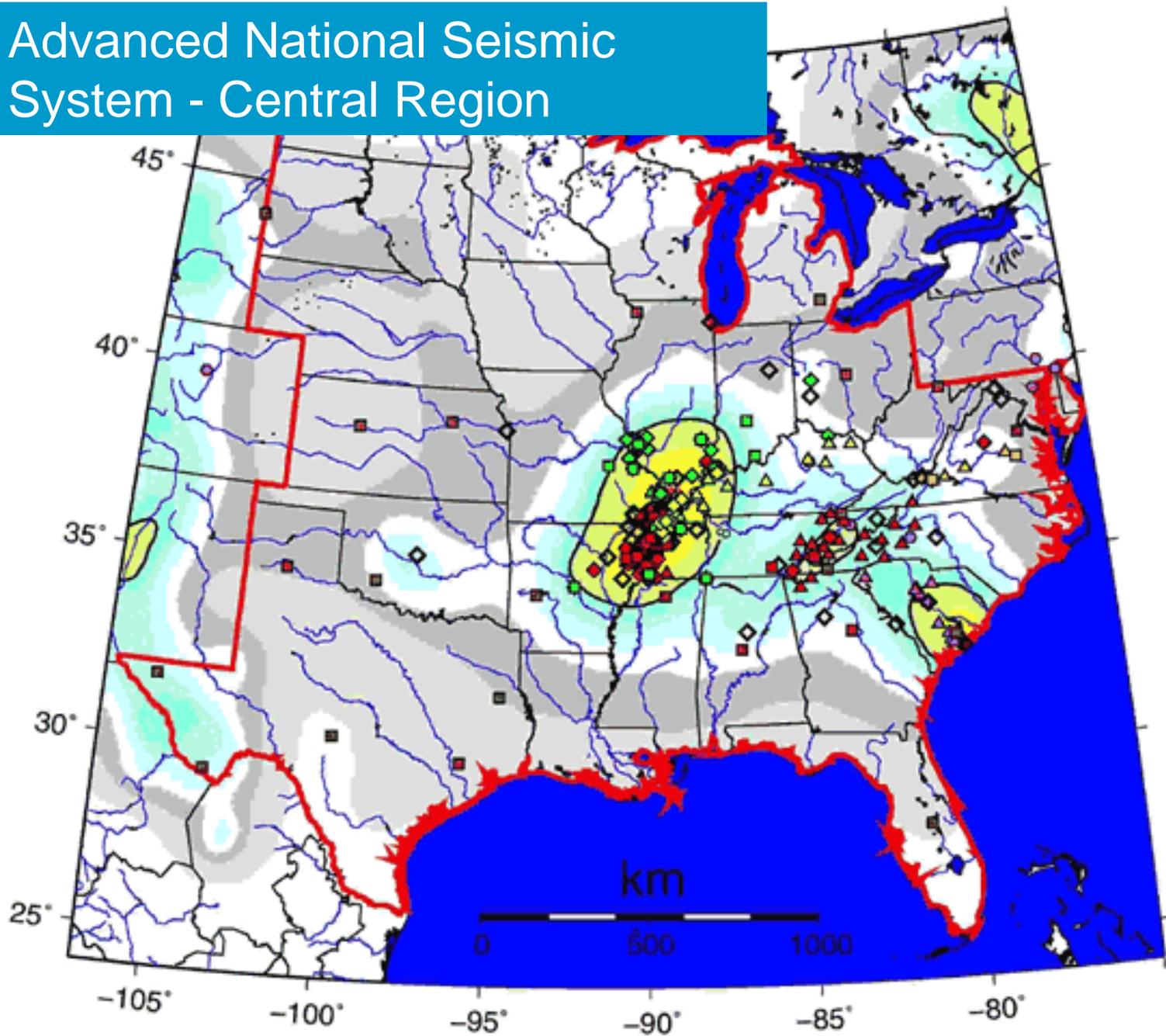
Penick (1981)

The Shocks Begin



"The Great Earthquake at New Madrid"  
Henry Howe, *The Great West* (Cincinnati, 1851), p. 237, in *The State Historical Society of Missouri, Columbia, Mo.*

# Advanced National Seismic System - Central Region



# Major Partners

- U. S. Geological Survey
- West Tennessee Seismic Safety Commission
- Central U.S. Earthquake Consortium
- Tennessee Emergency Management Agency
- Shelby County Board of Education
- Memphis City Schools
- Mid America Earthquake Center



# Outlook and Challenges

- Networks Support Strong (\$3.5M/5years + \$350K ARRA upgrade)
- Research Funding Strong (\$2.4M/FY11 + \$2.5M Pending)
- **University Budget Cuts of 11% (FY12)**
- **CERI Budget Cut from State of 6% (FY12)**



# Thank You



NASA