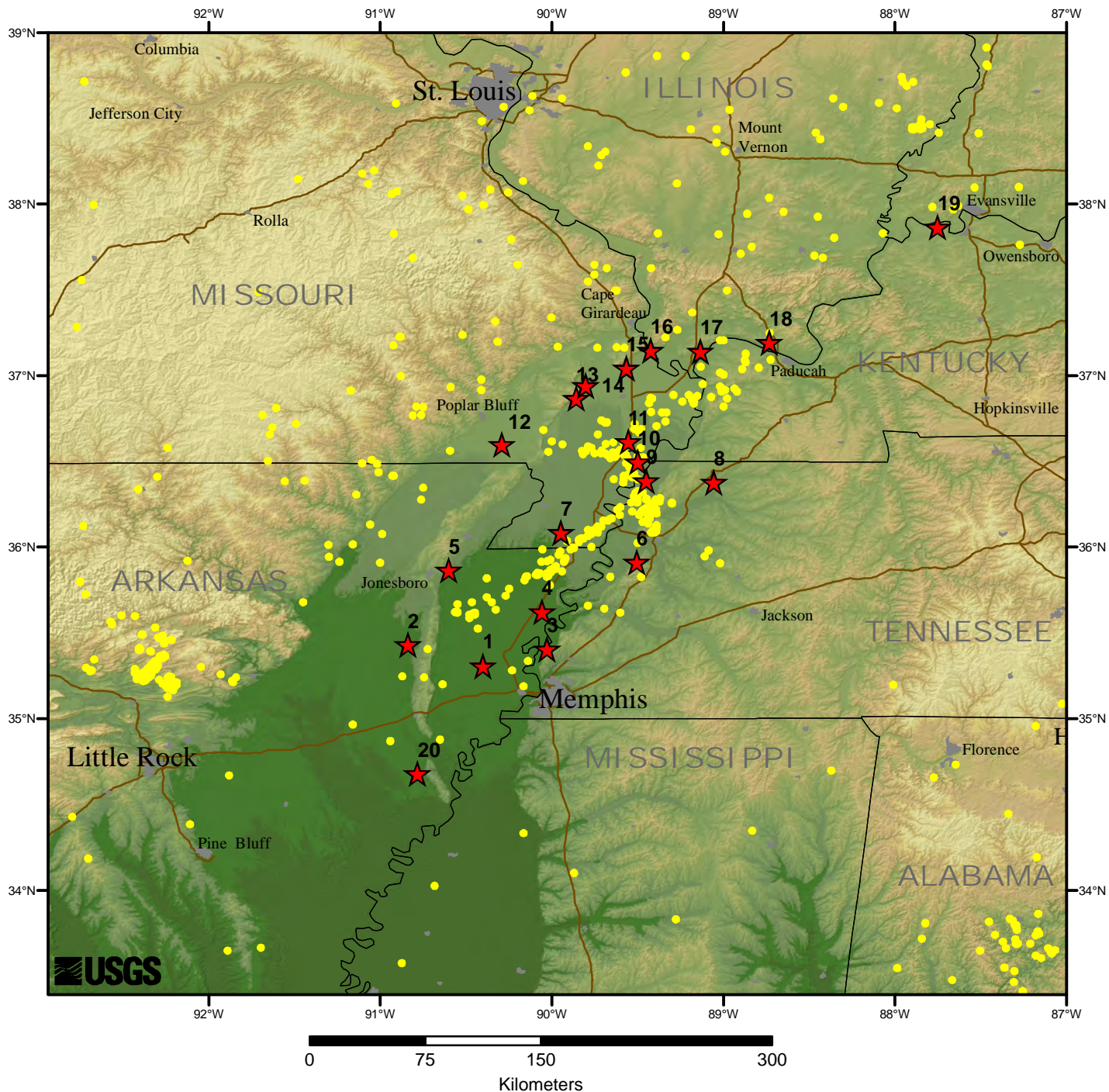


# New Madrid Seismic Zone - Quaternary Fault Localities



**Explanation**

- ★ Quaternary Fault
- Earthquakes
- Urban Area
- Interstate

This map of the New Madrid seismic zone shows earthquakes with magnitudes larger than 2.5 as yellow circles (University of Memphis and USGS Professional Paper 1527). The red stars represent localities where Quaternary faulting, sites that are generally less than about 75,000 years old, has been detected in the subsurface, and the results published in peer-reviewed journals shown in the listing below.

1. Luzzi et al. 1992 SLR
2. Csontos et al. 2008, Geosphere
3. Cox et al. 2006, Tectonics
4. Csontos et al. 2008, Geosphere
5. Van Arsdale et al. 1995, BSSA
6. Cox et al. 2001, Geology
7. Guccione et al. 2005 GSA Bull
8. Cox et al. 2001, Geology
9. Russ 1979 GSA Bull; Kelson et al. 1996
10. Harris et al. 1999, Geophysics
11. Baldwin et al. 2005, SLR
12. Stephenson et al. 1999, BSSA
13. Stephenson et al. 1999, BSSA
14. Baldwin et al. 2006, BSSA
15. Palmer et al. 1997, SLR
16. Harrison et al. 1999, Tectonophysics
17. McBride et al. 2005, EngGeol
18. McBride & Nelson 2001, BSSA
19. Woolery 2005, BSSA
20. Al-Shukri et al. 2005, SRL

SRL-Seismological Research Letters  
 BSSA-Seismological Society of America Bulletin  
 JGR-Journal of Geophysical Research  
 Earthquake data is from USGS 1974 to June 2014