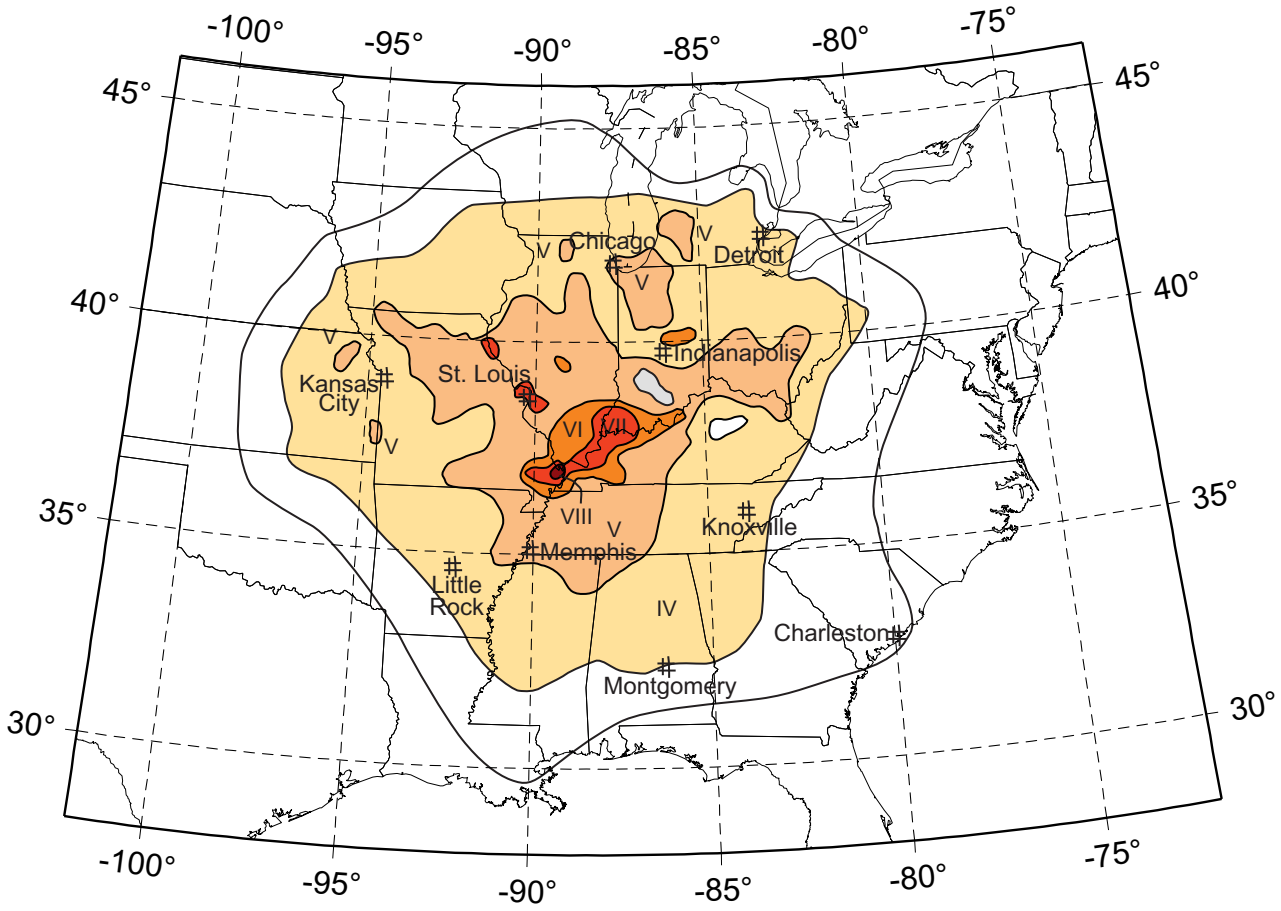
The Charleston, Missouri Earthquake - Halloween, 1895

Earthquake Shaking Intensity Map



October 31, 1895, 11:03 UTC, near Charleston Missouri. This is the largest earthquake to occur in the Mississippi Valley region since the 1811-1812 New Madrid earthquake sequence. Structural damage and liquefaction were reported along a line from Bertrand, MO to Cairo, IL. People in 23 states felt this earthquake which caused extensive damage to a number of structures in the Charleston region, including schools, churches, and homes. The estimated body-wave magnitude of this event is 5.9 and the surface-wave magnitude estimate is 6.7 (Nuttli).

Lambert Projection - After Stover & Coffman, USGS Professional Paper 1527

SAINT LOUIS UNIVERSITY
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This is the largest event since the 1811-1812 sequence and is an important set of observations that illustrate the level of shaking expected from a moderate-size earthquake in the New Madrid region.

For more information, visit
http://www.eas.slu.edu/Earthquake_Center

Department of Earth and Atmospheric Sciences

Saint Louis University
3507 Laclede Avenue
St. Louis, MO 63103