

M5.2 Mount Carmel, Illinois, Earthquake of 18 April 2008

As modified by Illinois State Geological Survey

Illinois Basin

18 April 2008 9:37:00 UTC

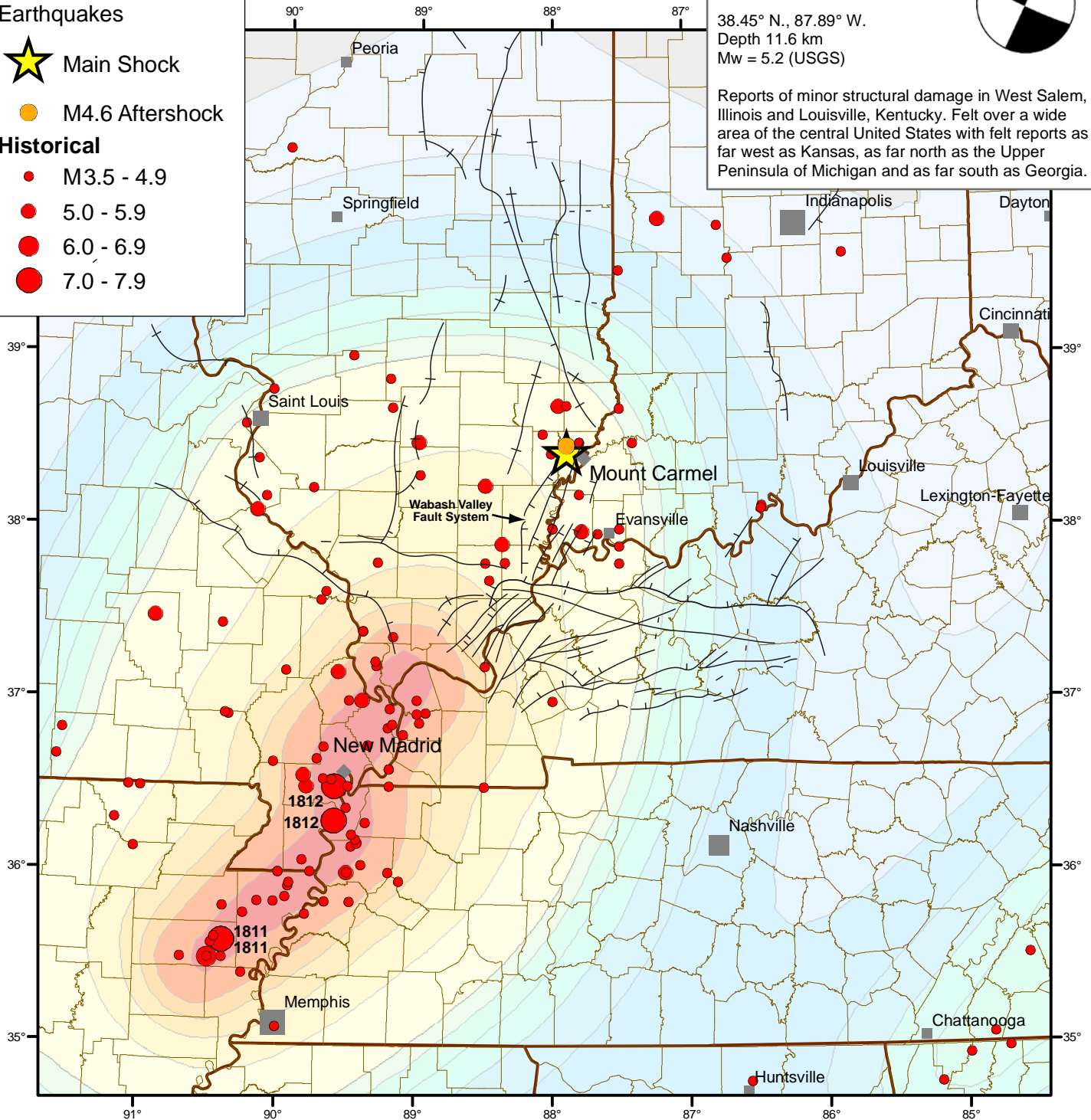
38.45° N., 87.89° W.
Depth 11.6 km
Mw = 5.2 (USGS)



Reports of minor structural damage in West Salem, Illinois and Louisville, Kentucky. Felt over a wide area of the central United States with felt reports as far west as Kansas, as far north as the Upper Peninsula of Michigan and as far south as Georgia.

Earthquakes

- Main Shock
- M4.6 Aftershock
- Historical**
- M3.5 - 4.9
- 5.0 - 5.9
- 6.0 - 6.9
- 7.0 - 7.9



Peak ground acceleration in %g, expected to be exceeded in a 50 year period with a probability of 10%

