

No.	Date	Richter Magnitude	Associated Fault	Comment	Source of Information
1	16-Dec-1811 (2) 23-Jan-1812 7-Feb-1812	8	New Madrid	A series of 4 earthquakes centered on New Madrid, Missouri. Estimated magnitudes of 8 plus. Evansville probably experienced a VII to VIII on the Mercalli scale (equal to a 6 on the Richter). The NEIC lists these events among the largest earthquakes in the lower 48 states.	Evansville - Vanderburgh County Community Comprehensive Hazard Analysis And USGS - Earthquake Hazards Program
2	05-Jul-1827	4.8	New Madrid	Epicenter near New Harmony, Indiana (38.0N 87.5W) The earthquake cracked a brick store at New Harmony, Ind., and greatly alarmed some people. It was described as violent in New Madrid, Mo., and severe in St. Louis. It also alarmed many in Cincinnati, Ohio, and Frankfort, Ky.	USGS Earthquake Hazards Program http://neic.usgs.gov/neis/states/indiana/indiana_history.html
3	07-Aug-1827	4.8	New Madrid	Southern Illinois	
4	1876		New Madrid	Twin shocks fifteen minutes apart were felt over an area of 60,000 square miles.	
5	1895	6.7	New Madrid	Occurred in the New Madrid Seismic Zone at Charleston, Missouri. This measured a 6.7. Evansville likely experienced a VII on the Mercalli scale.	
6	06-Feb-1887	4.6	New Madrid	A shock in 1887 centered near Vincennes was felt over 75,000 square miles. This shock was strongest in southwest Indiana and southeast Illinois. Plaster was shaken from walls at Vincennes, Ind., and west of Terre Haute, at Martinsville, Ill.; a cornice reportedly fell from a building at Huntington, Ind. It was felt distinctly at Evansville, Ind. , but only slightly in the outskirts of St. Louis, Mo. Also reported felt at Louisville, Ky.	
7	27-Jul-1891	4.1	New Madrid	Evansville, Indiana (37.9N 87.5W) A strong local earthquake damaged a wall on a hotel, broke dishes, and overturned furniture at Evansville. The shock also was strong near Evansville at Mount Vernon and Newburgh, Ind., and at Hawesville, Henderson, and Owensboro, Ky.	
8	29-Apr-1899		New Madrid	Rated intensity VI to VII on the Modified Mercalli Scale. It was strongest at Jeffersonville and Shelbyville; at Vincennes, chimneys were thrown down and walls cracked. It was felt over an area of 40,000 square miles.	
9	27-Sep-09	5.1	Wabash Valley	Occurred in the Wabash Valley Seismic Zone, near Terra Haute, IN. Estimated magnitude of 5.1 and Evansville likely experienced a V on the Mercalli scale. The NEIC lists this as the strongest earthquake with an epicenter in Indiana. At Terre Haute (Vigo County), two chimneys were thrown down, plaster was cracked, and pictures were shaken from walls. At Covington, north of Terre Haute in Fountain County, a few chimneys were downed and windows were broken. Chimneys were "jarred loose" south of Vincennes at Princeton, Indiana, one chimney was shaken to pieces at Olivette, Missouri (a suburb of St. Louis), and a brick wall was shaken down at St. Louis, Missouri. Also reported felt in Arkansas, Illinois, Iowa, Kentucky, Ohio, and Tennessee.	
10	27-Apr-25	4.8	Wabash Valley	Wabash River valley, near Princeton, Indiana (38.2N 87.8W) Chimneys were downed at Princeton and at Carmi, Ill., 100 km southwest; chimneys were broken at Louisville, Ky. Crowds fled from the theaters at Evansville, Ind. The felt area includes parts of Indiana, Illinois, Kentucky, Missouri, and Ohio.	
11	07-Nov-58		New Madrid	Earthquake originating near Mt. Carmel, Illinois, caused plaster to fall at Fort Branch. Roaring and whistling noises were heard at Central City and the residents of Evansville thought there had been an explosion or plane crash. It was felt over 33,000 square miles of Illinois, Indiana, Missouri, and Kentucky.	
12	09-Nov-68	5.3	Wabash Valley	Wabash Valley Seismic Zone, south of McLeansboro, in Hamilton County, Ill. Magnitude of 5.5. Evansville probably experienced a VI-VII on the Mercalli scale. This was the strongest felt earthquake in southern Illinois since the 1895 Missouri event. Property damage in the area consisted mainly of fallen bricks from chimneys, broken windows, toppled television aerials, and cracked or fallen plaster. In the epicentral area, near Dale, Hamilton County, MM intensity VII was characterized by downed chimneys, cracked foundations, overturned tombstones, and scattered instances of collapsed parapets. Most buildings that sustained damage to chimneys were 30 to 50 years old. A large two-story brick house near Dale, Illinois, sustained several thousand dollars damage. About 10 kilometers west of Dale, near Tuckers Corners, a concrete and brick cistern collapsed. A large amount of masonry damage occurred at the City Building at Henderson, Kentucky, 80 kilometers east-southeast of the epicenter. Moderate damage to chimneys and walls occurred in several towns in south-central Illinois, southwest Indiana , and northwest Kentucky. Felt over all or parts of 23	
13	10-Jun-87		Wabash Valley	Wabash Valley Seismic Zone, east of Olney, in Richland County, Ill. Mag 5.1. Ground shaking probably felt in Evansville.	
14	06-Mar-00		New Madrid		
15	07-Dec-00	3.9	New Madrid	5 miles west of Evansville	
16	03-Jan-02	2.9	New Madrid	40 miles west of Evansville	
17	18-Jun-02	5	Wabash Valley	5 miles northwest of Evansville "Initial confusion was a common theme around Evansville and surrounding towns after the magnitude 5.0 earthquake. The temblor struck at 12:37 p.m., was felt for a few seconds and left behind very little damage. The quake's epicenter was eventually established nine miles northwest of Evansville and six miles west-southwest of Darmstadt, Ind." Broken glass, fallen chimneys. "It was the largest quake to rumble through the Tri-State since 1987, when a magnitude 5.0 temblor struck near Lawrenceville, Ill. The strongest earthquake to occur in the last 100 years in the Wabash Valley region happened on Nov. 9, 1968, in south-central Illinois. It had a magnitude of 5.4 and was felt in 23 states."	

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