

Central U. S. Earthquakes Affecting the St. Louis Area 1800 - Present

DATE	MAGNITUDE	LOCALITY	MM SCALE INTENSITY AT ST. LOUIS	EFFECTS AT ST. LOUIS
DEC. 16, 1811	8.0	Northeast Arkansas	VII	A few chimneys thrown down and a few stone houses split in St. Louis. - <i>Louisiana Gazette (St. Louis)</i>
DEC. 16, 1811	8.0	Northeast Arkansas	VII	Second shock, 6 hours later, of similar intensity to the first.*
JAN. 23, 1812	8.4	New Madrid, Missouri	VII	Similar in intensity to the previous shock. No specific damage reports for St. Louis.*
FEB. 7, 1812	8.2	New Madrid, Missouri	VII-VIII	Many houses injured and several chimneys thrown down in St. Louis. In Cahokia, Illinois, a great many houses badly damaged. - <i>Louisiana Gazette</i>
JUN. 9, 1838	5.7	Southern Illinois	VI	Threw down a number of chimneys in St. Louis. Damage also reported severe in St. Charles.*
JAN. 4, 1843	6.0	Northeast Arkansas	V-VI	Parts of chimneys thrown down in St. Louis.*
FEB. 16, 1843	4.8	New Madrid, Missouri	III-IV	Felt at St. Louis; no damage at St. Louis.*
OCT. 8, 1857	5.3	Southeastern, Illinois	V	2 shocks, a few minutes apart. Plaster fell and brick dislocated in St. Louis.*

DATE

AUG. 17, 1865	5.3	Southeastern, Missouri	IV	At St. Louis, furniture rocked & there was a cracking sound in the houses.*
SEP. 25, 1876	4.7	Evansville, Indiana	II-III	2 strong shocks, 15 minutes apart. Felt from St. Louis, MO. to Indianapolis, IN. to Louisville, KY. No damage at St. Louis.*
NOV. 18, 1878	4.9	Southeastern, Missouri	IV	Felt at St. Louis. No damage reports.*
SEP. 27, 1882	4.5	Southern Illinois	III-IV	Felt at St. Louis & St. Charles, MO.*
OCT. 15, 1882	4.2	Southern Illinois	III	Felt from St. Louis, MO. to Springfield, IL.*
JAN. 11, 1883	4.6	Cairo, Illinois	III	Strong shock from St. Louis to Memphis, TN.*
AUG. 2, 1887	4.7	Cairo, Illinois	III	Felt distinctly at St. Louis & Nashville, TN.*
SEP. 26, 1891	5.8	Cairo, Illinois	III	Felt at St. Louis; no damage reports.**
OCT. 31, 1895	6.2	Charleston, Missouri	VI	Destruction of a few chimneys and demolition of a few tottering walls.*
JAN. 24, 1902	4.7	Near St. Louis, Missouri	IV	Fairly strong shock felt at St. Louis and Clifton Heights, just west of Quincy, IL.*
FEB. 8, 1903	4.8	St. Louis, Missouri	VI	In St. Louis area shock felt sharply & sounds were heard.*
NOV. 4, 1903	4.6 / 5.1	New Madrid, Missouri	III-IV	2 shocks almost 1 hour apart. Felt at St. Louis; no damage reports.*
AUG. 21, 1905	4.8	Southeastern Missouri	IV	One old roof collapsed in St. Louis.*
OCT. 23, 1909	4.6	Southeastern Missouri	II-III	Felt from St. Louis to northwest corner of Mississippi.*

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APR. 9, 1917	5.0	Ste. Genevieve, Missouri	V-VI	Horses thrown to pavement in St. Louis. Also broken windows, cracked plaster and bricks out of chimneys. Painter shaken from ladder in Granite City, Illinois.*
AUG. 19, 1934	4.3	Northern New Madrid Region	III	Felt widely in Missouri, Illinois and Kentucky. No damage at St. Louis.*
NOV. 23, 1939	4.9	Griggs, Illinois	IV	Felt over much of Illinois, Missouri, parts of Wisconsin, Kansas, Kentucky, Indiana and Tennessee, Mississippi, Arkansas and Iowa. No damage at St. Louis.*
JUN. 29, 1947	4.2	Waterloo-Dupo, Illinois. Near St. Louis, Missouri	VI	Few old chimneys toppled in St. Louis. One wall broken in west St. Louis.*
APR. 9, 1955	4.5	Sparta, Illinois	IV	Minor damage at Lemay, University City, and Webster Groves.*
NOV. 25, 1956	4.4	Wayne County, Missouri	IV-V	Windows shattered and walls cracked in St. Louis.*
NOV. 7, 1958	4.5	Southern, Illinois	V	Felt over large area, including Illinois, Missouri, Indiana, and Kentucky.*
MAR. 3, 1963	4.7	Near Poplar Bluff, Missouri	IV	Felt over an area of approximately 100,000 square miles. No reports of damage at St. Louis.*
OCT. 20, 1965	4.8	Centreville, Missouri	VI	Various types of minor damage occurred at St. Louis.*

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NOV. 9, 1968	5.5	Southern Illinois	V-VII	In St. Louis several injured by falling debris. Walks cracked, chimneys fell and windows broke. Furniture moved. Older structures had cracked and fallen plaster.*
MAR. 25, 1976	4.9	Marked Tree, Arkansas	IV	Felt over 6 states. No reports of damage at St. Louis.**
SEP. 20, 1978	3.1	Southeast St. Louis	IV	Felt over most of the St. Louis area and reportedly as far north as Skokie, Illinois. No damage reported.**
JUNE 3, 1979	2.1	Manchester, Missouri	II-III	Felt in southwest Ladue and Jennings, Missouri. No damage reports.**
MAY 15, 1983	4.3	New Douglas, Illinois	III	Felt strongly in St. Louis City and west St. Louis County. No reports of damage.**
JUNE 10, 1987	5.0	Southeastern, Illinois	III	Felt in St. Louis and St. Louis County. Felt in 21 states and Canada. No damage reports at St. Louis.**
FEB. 5, 1994	4.2	Dongola, Illinois	III	Felt in parts of southern St. Louis County. Intensity V in the Cape Girardeau region. No damage reports at St. Louis.**
JAN. 15, 1998	2.4	Kirkwood, Missouri	II-III	Felt in parts of St. Louis and northern Jefferson Counties. Also felt in south St. Louis City. No damage reports.**
JUNE 18, 2002	4.6	Evansville, Indiana	II-III	Felt in parts of St. Louis and St. Louis County. No damage reports at St. Louis. (U.S.G.S.)
JUNE 6, 2003	4.7	Blandville, Kentucky	II-III	Felt in parts of St. Louis and St. Charles Counties. No reports of damage locally. (U.S.G.S.)

* *Earthquake History of the United States*** *Cooperative New Madrid Seismic Network Earthquake Bulletin*