

Table A-2. Site Intensities for Significant Earthquakes^a

Earthquake					Distance from site (km)	Reported or estimated site intensity	Estimated site acceleration (g)
Date ^b	Location	Latitude	Longitude	Maximum intensity			
Jan. 13, 1811	Burke Co., Ga.	33.2	62.2	V	55	III-IV	0.02
1811-1812 (3 shocks)	New Madrid, Mo.	36.3	89.5	XI-XII	850	V-VI	0.05
Nov. 2, 1875	Lincolnton, Ga.	33.8	82.5	VI	100	III-IV	0.02
Sept. 1, 1886	Charleston, S.C.	32.9	80.0	X	145	VI	0.07
Oct. 22, 1886	Charleston, S.C.	32.9	80.0	VII	155	III-IV	0.02
May 31, 1897	Giles Co., Va.	37.3	80.7	VIII	455	III	0.01
June 12, 1912	Charleston, S.C.	33.0	80.2	VII	135	III-IV	0.02
Jan. 1, 1913	Union Co., S.C.	34.7	81.7	VII-VIII	160	IV	0.02
Aug. 1, 1920	Charleston, S.C.	33.1	80.2	VII	135	III-IV	0.02
Feb. 3, 1972	Bowman, S.C.	33.5	80.4	V	115	IV	0.02
Aug. 2, 1974	Willington, S.C.	33.9	82.5	VI	105	IV	0.02
Nov. 22, 1974	Charleston, S.C.	33.9	80.1	VI	145	III-IV	0.02

^aSource: DOE, 1982b.^bBased on Greenwich Mean Time.