

Virginia Seismicity References

Amick, David, and Robert Gelinis, 1991. The Search for Evidence of Large Prehistoric Earthquakes Along the Atlantic Seaboard, <i>Science</i> , vol. 251, p. 655-658.
Anderson, John G., 1986. Seismic Strain Rates in the Central and Eastern United States, <i>Bulletin of the Seismological Society of America</i> , vol. 76, p. 273-290.
Ayers, Robert L., 1972. A Note on the Richmond, Virginia Earthquake of September 5, 1972, <i>Seismological Society of America, Earthquake Notes</i> , vol. 43, p. 4-21.
Bartholomew, Mervin J., and Roy B. Van Arsdale, 2012. Structural Controls on Intraplate Earthquakes in the Eastern United States, <i>Geological Society of America, Special Paper 493</i> .
Becker, Arnfried, Colin A. Davenport, Urs Eichenberger, Eric Gilli, Pierre-Yves Jeannin, and Corinne Lacave, 2006. <i>Speleoseismology: A Critical Perspective</i> , <i>Journal of Seismology</i> , vol. 10, p. 371-388.
Bollinger, G.A., 1968. The Narrows, Virginia Earthquake of March 8, 1968, <i>Seismological Society of America, Earthquake Notes</i> , vol. 39, p. 3-47.
Bollinger, G.A., 1969. Seismicity of the Central Appalachian States of Virginia, West Virginia, and Maryland - 1758 through 1968, <i>Bulletin of the Seismological Society of America</i> , vol. 59, p. 2103-2111.
Bollinger, G.A., 1971. The Fredericksburg, Virginia Earthquakes of September 12, 1971, <i>Seismological Society of America, Earthquake Notes</i> , vol. 42, p. 3-32.
Bollinger, G.A., 1973. Seismicity and Crustal Uplift in the Southeastern United States, <i>American Journal of Science</i> , vol. 273-A, p. 396-408.
Bollinger, G.A., 1973. Seismicity of the Southeastern United States, <i>Bulletin of the Seismological Society of America</i> , vol. 63, p. 1785-1808.
Bollinger, G.A., 1975. A Microearthquake Survey of the Central Virginia Seismic Zone, <i>Seismological Society of America, Earthquake Notes</i> , vol. 46, p. 1-13.
Bollinger, G.A., 1978. Seismic Hazard in Virginia, <i>Virginia Minerals</i> , vol. 24, p. 29-40.
Bollinger, G.A., 1980. Virginia Earthquakes 1978, <i>Seismological Society of America, Earthquake Notes</i> , vol. 51, p. 1-26.
Bollinger, G.A., and Hopper, Margaret, 1971. Virginia's Two Largest Earthquakes: December 22, 1975 and May 31, 1897, <i>Bulletin of the Seismological Society of America</i> , vol. 61, p. 1033-1039.
Bollinger, G.A., and Margaret G. Hopper, 1970. A Note on the Central Virginia Earthquake of December 11, 1969, <i>Seismological Society of America, Earthquake Notes</i> , vol. 41, p. 2-36.
Bollinger, G.A., and R.L. Wheeler, 1983. The Giles County, Virginia, Seismic Zone, <i>Science</i> , vol. 219, p. 1063-1065.
Bollinger, G.A., J.A. Snoke, M.C. Chapman, and M.S. Sibol, 1989. Estimates of the Occurrence and Resulting Effects of Damaging Earthquakes in Virginia, <i>Virginia Minerals</i> , vol. 35, p. 17-24.
Bollinger, G.A., M.S. Sibol, and M.C. Chapman, 1992. Maximum Magnitude Estimation for an Intraplate Setting: Example: The Giles County, Virginia, Seismic Zone, <i>Seismological Research Letters</i> , vol. 63, p. 139-152.
Bollinger, G.A., R.L. Wheeler, 1982. The Giles County, Virginia, Seismic Zone - Seismological Results and Geological Interpretations, <i>U.S. Geological Survey, Open-File Report 82-585</i> , p. 136.
Bossu, Remy, Sandrine Lefebvre, Yves Cansi, and Gilles Mazet-Roux, 2014. Characterization of the 2011 Mineral, Virginia, Earthquake Effects and Epicenter from Website Traffic Analysis, <i>Seismological Research Letters</i> , vol. 85, p. 91-97.
Chapman, Martin C., 2013. On the Rupture Process of the 23 August 2011 Virginia Earthquake, <i>Bulletin of the Seismological Society of America</i> , vol. 103, p. 613-628.
Coffman, Jerry L., and von Hake, Carl A., 1973. <i>Earthquake History of the United States</i> , U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Washington DC, U.S.G.P.O. (reprinted 1980).
Coruh, Cahit, G.A. Bollinger, and J.K. Costain, 1988. Seismogenic Structures in the Central Virginia Seismic Zone, <i>Geology</i> , vol. 16, p. 748-751.

Davison, Frederick C. Jr., and Melissa J. Bode, 1987. A Note on the December 1986-January 1987 Richmond, Virginia, Felt Earthquake Sequence, <i>Seismological Research Letters</i> , vol. 58, p. 3-80.
Davison, Frederick C., Martin C. Chapman, Jeffrey W. Munsey, and G.A. Bollinger, 1984. A Note on the Cunningham, Virginia Earthquake of August 17th, 1984, in the Central Virginia Seismic Zone, <i>Seismological Society of America, Earthquake Notes</i> , vol. 55, p. 26-40.
Hatcher, Robert D. Jr, A.L. Odom, Terry Engelder, D. E. Dunn, D.U. Wise, P.A. Geiser, Steven Schamel, and S.A. Kish, 1988. Characterization of Appalachian Faults, <i>Geology</i> , vol. 16, p. 178-181.
Horton, J.W., and R.A. Williams, 2012. The 2011 Virginia Earthquake: What Are Scientists Learning?, <i>EOS</i> , vol. 93, p. 317-324.
Hough, Susan E., 2012. Initial Assessment of the Intensity Distribution of the 2011 Mw 5.8 Mineral, Virginia, Earthquake, <i>Seismological Research Letters</i> , vol. 83, p. 649-657.
Hughes, K. Stephen, James P. Hibbard, and Brent V. Miller, 2013. Relationship Between the Ellisville Pluton and Chopawamsic Fault: Establishment of Significant Late Ordovician Faulting in the Appalachian Piedmont of Virginia, <i>American Journal of Science</i> , vol. 313, p. 584-612.
Joffe, Helene, Tiziana Rossetto, Christian Solberg, and Clíodhna O'Conner, 2013. Social Representations of Earthquakes: A Study of People Living in Three Highly Seismic Areas, <i>Earthquake Spectra</i> , vol. 29, p. 367-397.
Kerr, Richard A., 1981. Assessing the Risk of Eastern U.S. Earthquakes, <i>Science</i> , vol. 214.
Kim, Won-Young, and Martin Chapman, 2005. The 9 December 2003 Central Virginia Earthquake Sequence: A Compound Earthquake in the Central Virginia Seismic Zone, <i>Bulletin of the Seismological Society of America</i> , vol. 95, p. 2428-2445.
Lasch, David K., 1977. On Earthquakes, <i>Virginia Minerals</i> , vol. 23.
Lasch, David K., 1977. The Carters Bridge, Virginia, Earthquake of February 27, 1977, <i>Virginia Minerals</i> , vol. 23, p. 25-32.
Lubick, Naomi, 2012. Ferreting out Hidden Cracks in the Heart of the Continent, <i>Science</i> , vol. 335.
USGS, 2003. M4.5 Powhatan County, Virginia Earthquake of 9 December 2003., <i>USGS Earthquake summary map</i> .
USGS, 2011. M5.8 Central Virginia Earthquake of 23 August 2011, <i>USGS Earthquake summary map</i> .
MacCarthy, Gerald R., 1964. A Descriptive List of Virginia Earthquakes through 1960, <i>Journal of the Elisha Mitchell Scientific Society</i> , vol. 80, p. 95-114.
Marple, Ronald T., and Pradeep Talwani, 2000. Evidence for a Buried Fault System in the Coastal Plain of the Carolinas and Virginia-Implications for Neotectonics in the Southeastern United States, <i>Geological Society of America Bulletin</i> , vol. 112, p. 200-220.
McNamara, Daniel E., H.M. Benz, R.B. Herrmann, E.A. Bergman, Paul Earle, Anne Meltzer, Mitch Withers, and Martin Chapman, 2013. The Mw 5.8 Mineral, Virginia, Earthquake of August 2011 and Aftershock Sequence: Constraints on Earthquake Source Parameters and Fault Geometry, <i>Bulletin of the Seismological Society of America</i> , vol. 104, p. 40-54.
McNamara, Daniel E., Lind Gee, Harley M. Benz, and Martin Chapman, 2014. Frequency-Dependent Seismic Attenuation in the Eastern United States as Observed from the 2011 Central Virginia Earthquake and Aftershock Sequence, <i>Bulletin of the Seismological Society of America</i> , vol. 104, p. 55-72.
Muco, Betim, 2014. The atmospheric water as a triggering factor for earthquakes in the central Virginia seismic zone, <i>Natural Hazards</i> , vol. 71, p. 135-150.
Munsey, Jeffrey W., and G.A. Bollinger, 1985. Focal Mechanism Analysis for Virginia Earthquakes (1978-1984), <i>Bulletin of the Seismological Society of America</i> , vol. 75, p. 1613-1636.
Nishenko, S.P., and G.A. Bollinger, 1990. Forecasting Damaging Earthquakes in the Central and Eastern United States, <i>Science</i> , vol. 249, p. 1412-1416.
Nuttli, Otto W., Bollinger, G.A. and Donald W. Griffiths, 1979. On the Relationship Between Modified Mercalli Intensity and Body-wave Magnitude, <i>Bulletin of the Seismological Society of America</i> , vol. 69, p. 893-909.

Oaks, S.D., and Bollinger, G.A., 1986. The Epicenter of the mb 5, December 22, 1875 Virginia Earthquake: New Findings from Documentary Sources., Earthquake Notes, vol. 57, p. 65-75.
Petersen, Mark D., Arthur D. Frankel, Stephen C. Harmsen, Charles S. Mueller, Oliver S. Boyd, Nicolas Luco, Russell L. Wheeler, Kenneth S. Rukstales, and Kathleen M. Haller, 2012. The 2008 U.S. Geological Survey National Seismic Hazard Models and Maps of the Central and Eastern United States, Geological Society of America, Special Paper 493.
Powell, Christine A., G.A. Bollinger, Martin C. Chapman, Matthew S. Sibol, Arch C. Johnston, and Russell L. Wheeler, 1994. A Seismotectonic Model for the 300-Kilometer-Long Eastern Tennessee Seismic Zone, Science, vol. 264, p. 686-688.
Reagor, B. G., C.W. Stover, and S.T. Algermissen, 1980. Seismicity Map of the State of Virginia, U.S. Geological Survey, Miscellaneous Field Studies Map MF 1346, Washington DC, U.S.G.P.O.
Sibol, M.S., 1981. A Note on Recent Seismic Activity in the Scottsville, Virginia, Area, Seismological Society of America, Earthquake Notes, vol. 52, p. 4-22.
Street, R.L., 1979. An Instrumental mbLg Magnitude Estimate of the 1897 Giles County, Virginia, Earthquake, Seismological Society of America, Earthquake Notes, vol. 50, p. 2-23.
Taber, Stephen, 1913. Earthquakes in Buckingham County, Virginia, Bulletin of the Seismological Society of America, vol. 3, p. 124-133.
Tarr, Arthur C., and Russell L. Wheeler, 2006. Earthquakes in Virginia and Vicinity 1774 – 2004, USGS Open File Report 2006-1017.
Tsoflias, George P., 1991. Research Note: A Note on the Goochland County, Virginia, Earthquake of March 15, 1991, Seismological Research Letters, vol. 62, p. 255-231.
Weston Geophysical Research, Inc., 1967. Earthquakes Originating or Felt in Virginia from 1727 to 1966, PSAR Survey Power Station Seismicity Analysis for Virginia Electric and Power Company, Weston, MA.
Wheeler, Russell L., 2006. Quaternary Tectonic Faulting in the Eastern United States, Engineering Geology, vol. 82, p. 165-186.
Wheeler, Russell L., and Arthur Frankel, 2000. Geology in the 1996 USGS Seismic-hazard Maps, Central and Eastern United States, Seismological Research Letters, vol. 71, p. 273-282.
Winkler, Louis, 1982. Catalog of Earthquakes Felt in the Eastern United States Megalopolis 1850-1930, Bulletin of the Seismological Society of America, vol. 72, p. 2285-2306.