

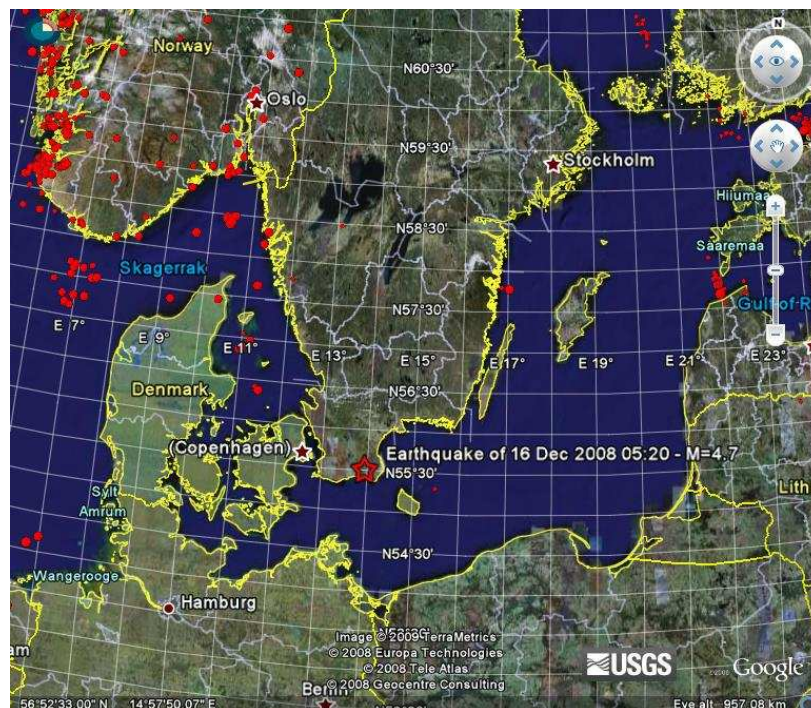
Norwegian National Seismic Network
Department of Earth Science, University of Bergen



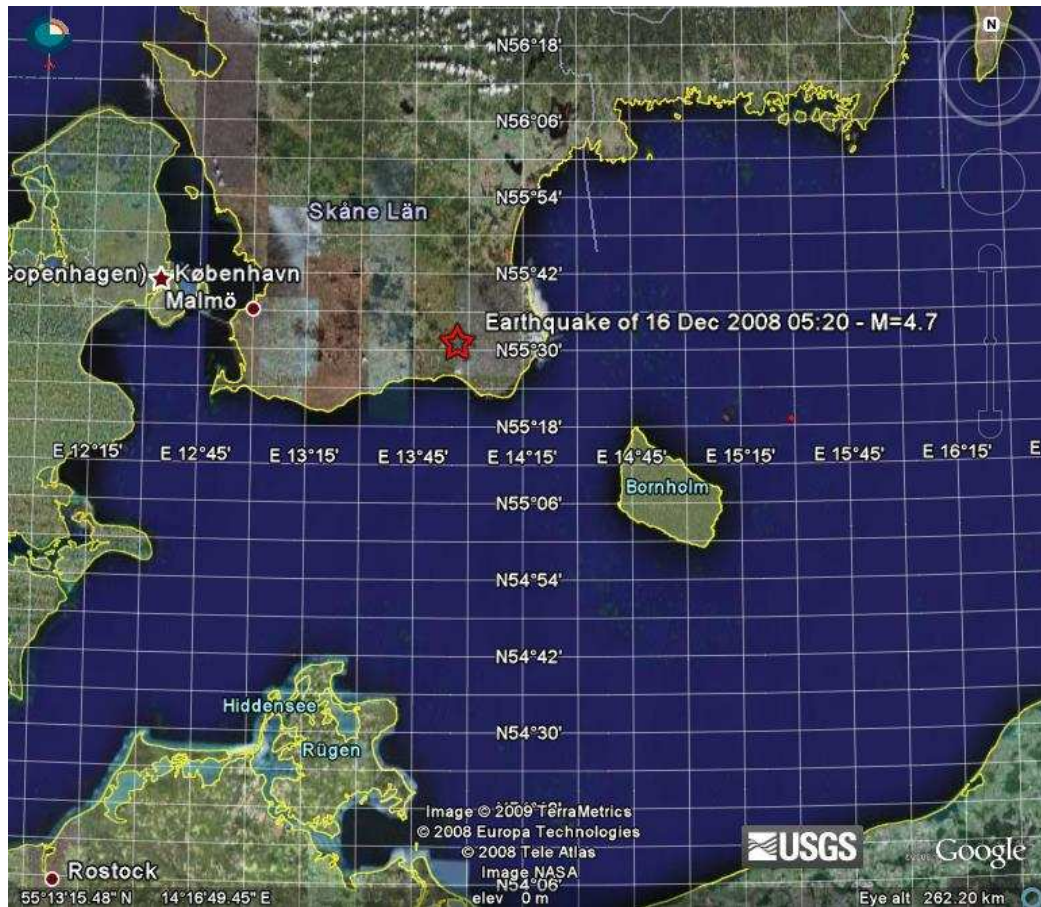
Earthquake in Southern Sweden

16 Dec 2008 at 06:20 (Local time); 05:20 (UTC) $M_L=4.7$

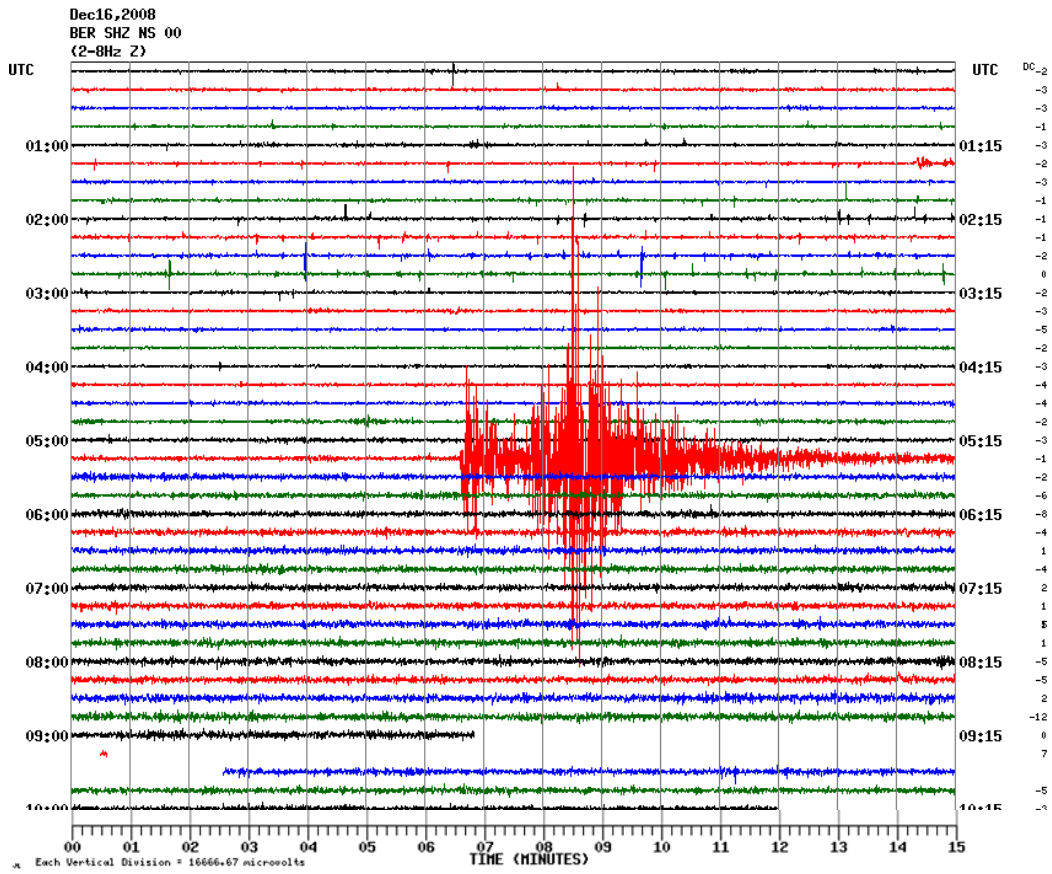
An earthquake of moderate size is recorded in Southern Sweden (Skåne Region) approximately 50 km east of Malmö. The earthquake was felt by many in the neighboring population centers such as Copenhagen. The earthquake was the largest in Sweden since 1985. The largest earthquake recorded in Scandinavia occurred in Norway, offshore southeastern continental shelf of Spitsbergen (Svalbard) with a magnitude 6.0. Following are maps and some selected seismograms of the earthquake in Southern Sweden as recorded by the Norwegian National Seismic Network (NNSN) operated by the Department of Earth Science, University of Bergen.



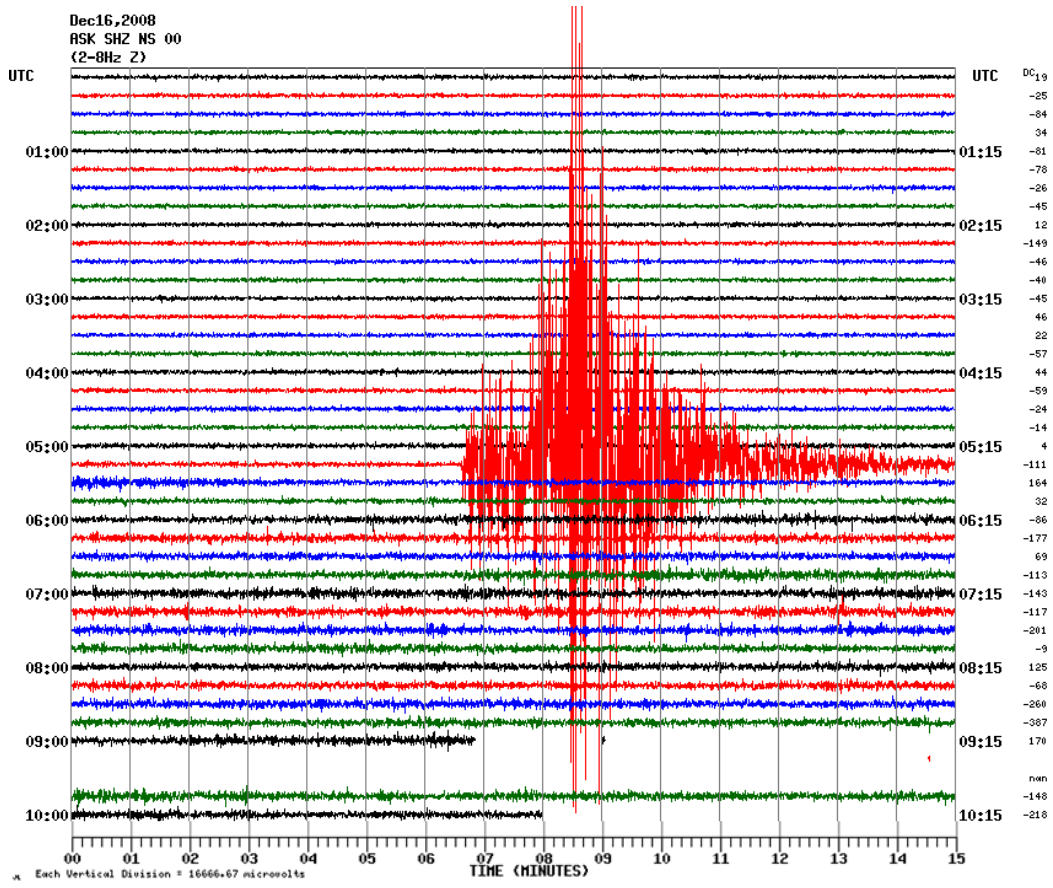
Map showing the location of the earthquake (red star) in Southern Sweden (16 Dec 2008; 05:20 UTC; $M=4.7$). The other red symbols show the epicenters of some of the previous earthquakes in the region (data from NNSN).



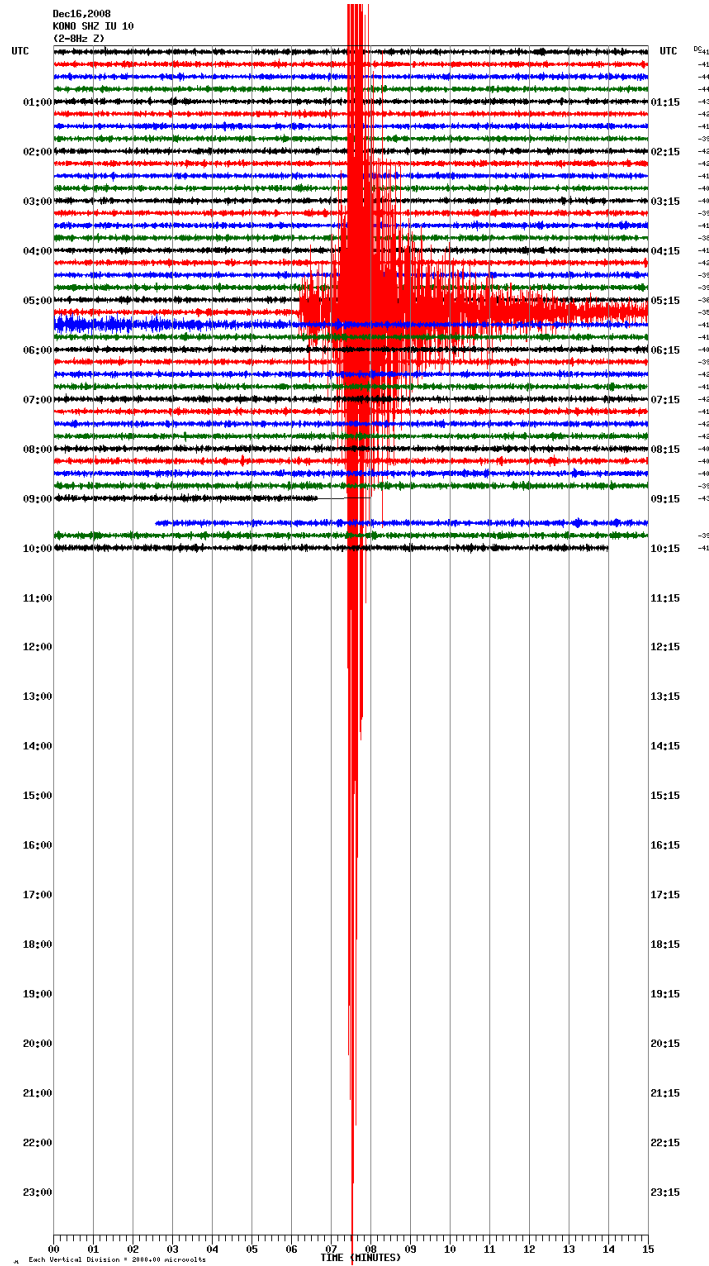
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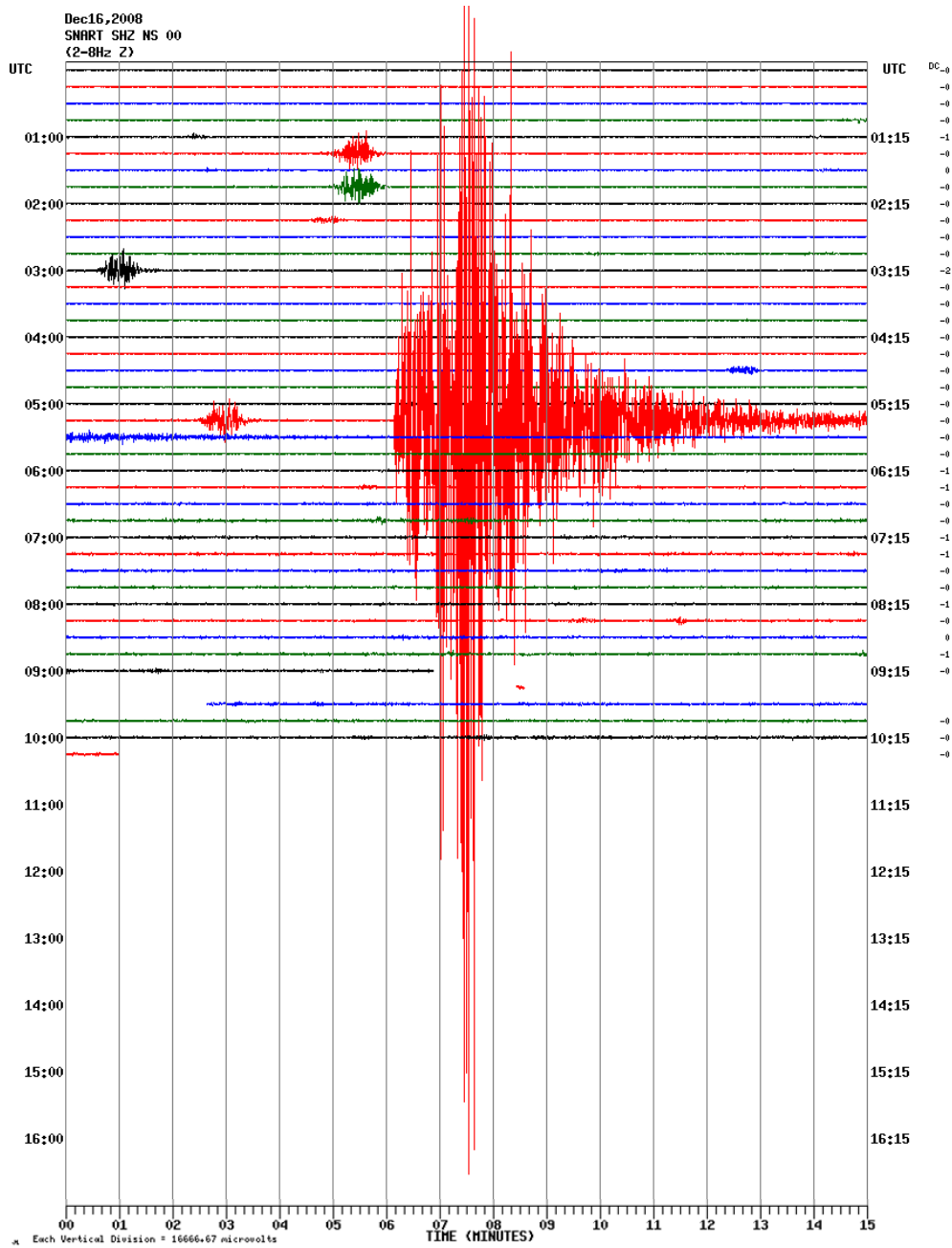
Seismogram showing the earthquake in Southern Sweden (16 Dec 2008; 05:20 UTC; $M=4.7$) as recorded by the seismograph station in Bergen which is part of the Norwegian National Seismic Network (NNSN) operated by the Department of Earth Science, University of Bergen.



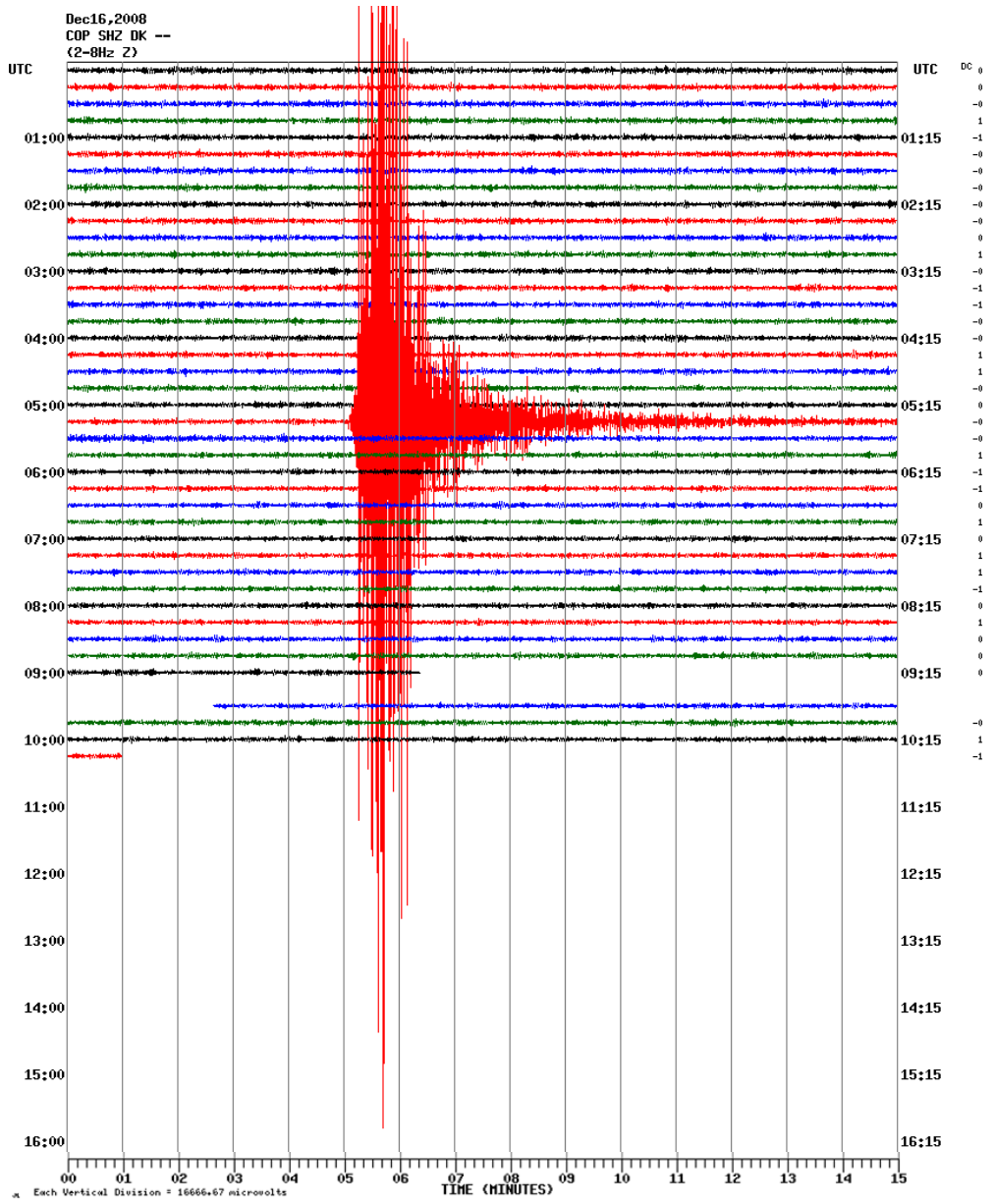
Seismogram showing the earthquake in Southern Sweden (16 Dec 2008; 05:20 UTC; M=4.7) as recorded by the seismograph station in Askøy which is part of the Norwegian National Seismic Network (NNSN) operated by the Department of Earth Science, University of Bergen.



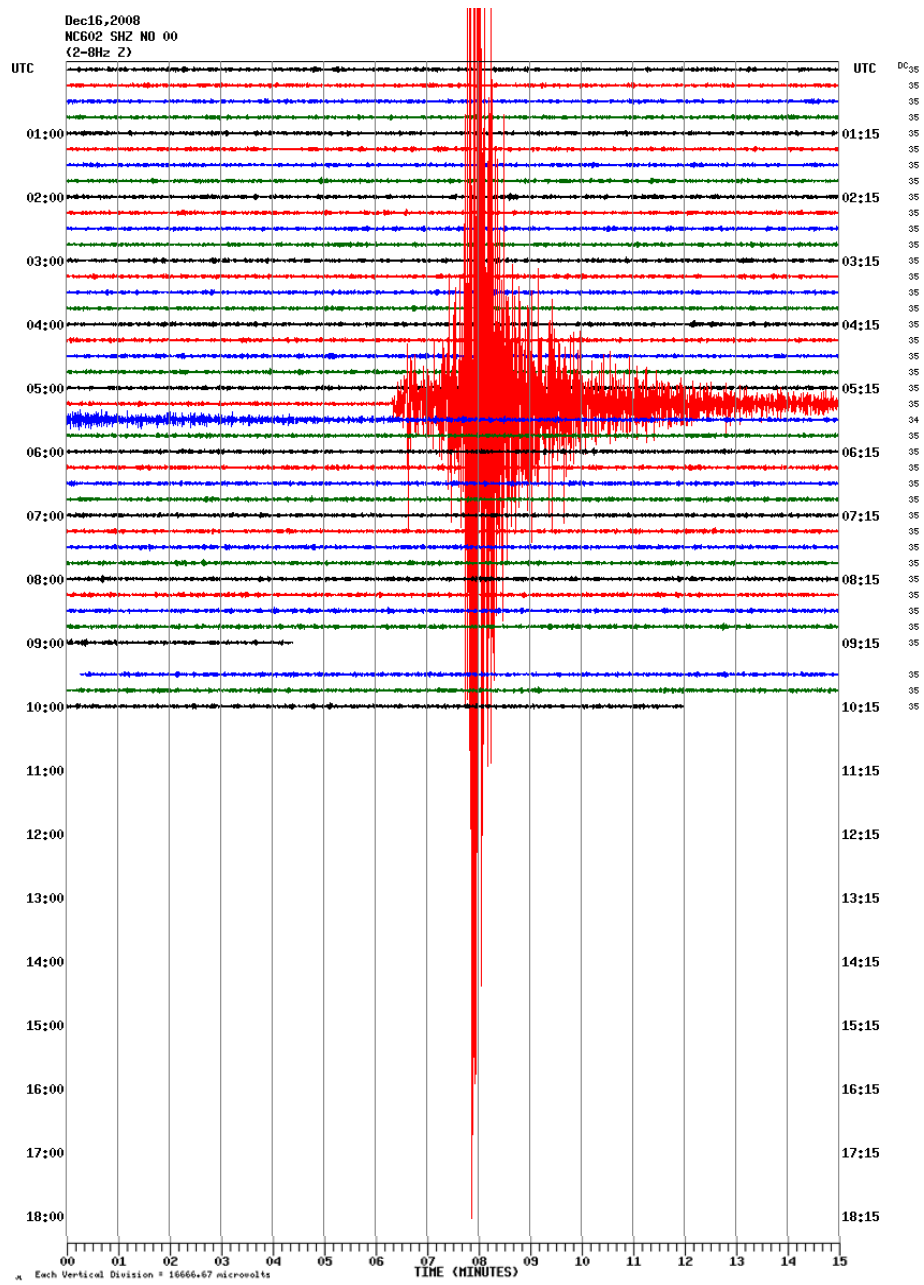
Seismogram showing the earthquake in Southern Sweden (16 Dec 2008; 05:20 UTC; $M=4.7$) as recorded by the seismograph station in Kongsberg which is part of the Norwegian National Seismic Network (NNSN) operated by the Department of Earth Science, University of Bergen.



Seismogram showing the earthquake in Southern Sweden (16 Dec 2008; 05:20 UTC; M=4.7) as recorded by the seismograph station in Snartemo which is part of the Norwegian National Seismic Network (NNSN) operated by the Department of Earth Science, University of Bergen.



Seismogram showing the earthquake in Southern Sweden (16 Dec 2008; 05:20 UTC; M=4.7) as recorded by the seismograph station in Copenhagen operated by the Danish National Seismic Network.



Seismogram showing the earthquake in Southern Sweden (16 Dec 2008; 05:20 UTC; M=4.7) as recorded by a seismograph station in the NORSAR array.