



Microearthquakes near Grybów, Poland, Western Carpathians

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In late September, 2007, seismic stations in Poland and Slovakia have recorded a number of small earthquake signals. There have been no felt reports of the shaking. The paper presents instrumental findings on the events. The occurrence of these microearthquakes evidences that – although at a very low level – the Outer Western Carpathians are still seismically active. The events have been located in the vicinity of the town of Grybow, except for one event all the other are found to have originated at the same place. Study of the events evidences of unexpectedly large source radii while the associated displacements are surprisingly low.