

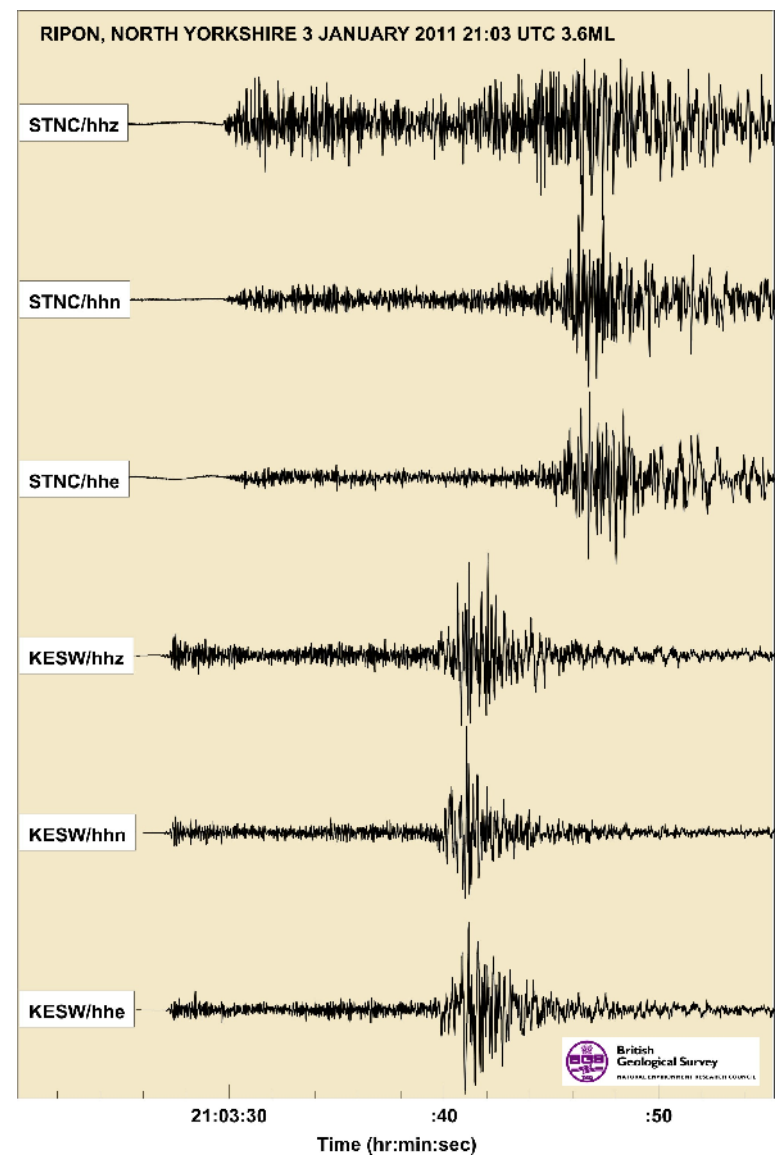
SEISMIC ALERT: RIPON, NORTH YORKSHIRE 3 JANUARY 2011 21:03 UTC 3.6 ML

The following preliminary information is available for this earthquake:

DATE: 3 January 2011
ORIGIN TIME: 21:03 09.5s UTC
LAT/LON: 54.167° North / -1.655° West
GRID REF: 422.52 kmE / 474.65 kmN
DEPTH: 6.2 km
MAGNITUDE: 3.6 ML
LOCALITY: 9 km WNW of Ripon, North Yorkshire
INTENSITY: 4 EMS

BGS have detected an earthquake at 21:03 UTC on 3 January 2011 located approximately 9 km WNW of Ripon, North Yorkshire. Many people throughout the region have reported having felt this event. An earthquake of this size and depth might be felt up to 80-100 km away. A macroseismic survey has been launched on the BGS 'Earthquakes' web site. This is the largest earthquake detected in the general area since a magnitude 2.8 ML event on 4 June 1970 in the Pennines. Historically, the largest earthquakes to have occurred nearby were the magnitude 4.8 ML Wensleydale event that occurred on 9 December 1780 and the magnitude 3.1 Skipton event of 14 November 1900.

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Above: Seismograms of the Ripon earthquake of 3 January 2011 as recorded on the BGS KESW and STNC broadband seismometers.

Historical and instrumental seismicity (all magnitudes) within 25 km of the epicentre since 1780

