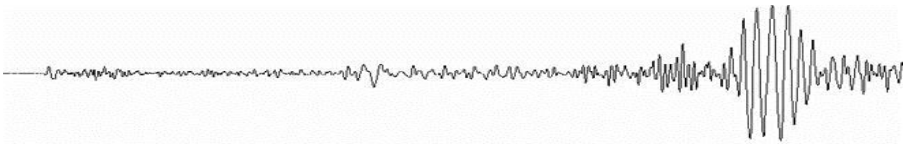

Richter Scale Reading	Termed as	Effects of Tremor/Quake	Occurrence Rate
0 – 1.9	Micro tremor	Only detectable by seismograph. Not felt.	Continual
2.0 - 2.9 (the highest seismic activity in the UK most probably caused by fracking was 2.3 near Blackpool, Lancashire in April 2011)	Minor tremor	Generally not felt, but is recorded.	1,300,000 per year (est.)
3.0 – 3.9 A tremor of 3.3 on the Richter Scale at a depth of 3 miles and 25km west of Fleetwood, Lancs was recorded on 25 August 2013. This tremor, which was non-fracking related, was probably caused by post-glacial isostatic rebound. (the highest ever recorded seismic activity caused by fracking was 3.8 attributed to the Horn River Basin, Canada in 2010)	Minor tremor	Just about felt indoors. Comparable to vibrations of a passing truck.	130,000 per year (est.)
4.0 – 4.9	Light earthquake	Felt by most but not all. Noticeable shaking of indoor items. Rattling. Unstable objects may fall. Vibrations similar to large train passing house.	13,000 per year (est.)
5.0 – 5.9 The 5.4 magnitude earthquake which occurred on the Llŷn Peninsula, North Wales was the largest ever recorded earthquake on Mainland Britain.	Moderate earthquake	Felt by all. Furniture starts to move. Poorly constructed buildings may have major damage otherwise minimal damage to well-designed buildings.	1,319 per year
6.0 – 6.9 According to the INSN, the largest known British Earthquake struck near the Dogger Bank, in the North Sea, off the East Coast of England in 1931 with a magnitude of 6.1.	Strong earthquake	Damage to even well-built structures, severe damage to poorly built ones. Even heavy furniture will move. Chimneys, columns, monuments and walls fall.	134 per year
7.0 – 7.9	Major earthquake	Serious damage to all buildings. Cracks appear in the earth. Underground pipes broken. Railway lines bent. Only some structures remain standing.	15 per year
8.0 – 8.9	Great earthquake	Very few, if any, structures remain standing. Bridges collapse. Extensive damage several hundred kilometres across.	1 per year
9.0 – 9.9	Great earthquake	Total devastation across thousands of kilometres. Objects thrown into the air. Waves moving through the earth visible with naked eye. Rocks move position. Everything is destroyed.	1 per 10 years (est.)
10.0 +	Massive earthquake	Never recorded. Widespread total devastation.	Unknown/May not be possible