Volatile boundaries of Earth's tectonic plates

Around 500,000 detectable earthquakes occur each year, of which 100,000 can be felt, around 100 cause damage, but only 18 are greater than 7.0 magnitude. The majority of tremors and volcanic eruptions take place along the boundaries between the shifting tectonic plates which form the earth's crust

SIGNIFICANT 2010 QUAKES

Source: USGS

- 1 Jan 11, Haiti: Magnitude: 7.0, depth: 13km, fatalities: 222,500
- 2 Feb 4, offshore California Magnitude: 5.9, depth: 23.6km
- Feb 18, China-Russia-N. Korea: Magnitude: 6.9, depth: 573.8km
- 4 Feb 26, Ryukyu Islands, Japan Magnitude: 7.0, depth: 22km
- 5 Feb 27, Maule, Chile: Magnitude: 8.8, depth: 35km, fatalities: 800 Entire city of Concepcion moved at least 3 metres to west
- 6 Mar 5, offshore Bio-Bio, Chile Magnitude: 6.6, depth: 35km
- Mar 5, Sumatra, Indonesia
 Magnitude: 6.5, depth: 22km
- 8 Mar 8, Turkey: Magnitude: 6.0, depth: 12km, fatalities: at least 51

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