



The seismogram above is from the educational seismograph station provided by IRIS for the Earthquake Awareness Month exhibit at the Corvallis Benton-County Library. This M 6.4 event from April 4, 2007, at 11:02 UT was located near Vanuatu, one quarter of the way around the globe from Corvallis.

Vanuatu, officially the **Republic of Vanuatu**, is a [Melanesian island nation](#) located in the South [Pacific Ocean](#). The [archipelago](#) is located some 1,750 [km](#) (1090 [mi](#)) east of [Australia](#), 500 km (310 mi) north-east of [New Caledonia](#), west of [Fiji](#) and south of the [Solomon Islands](#). (From Wikipedia.org).

Earthquake of magnitude 6.4 are not unusual for this region of complex tectonic plate interactions. Globally, there are, on average, about 5 events at or above magnitude 6.4 each month.