

## Quakes on Terrestrial Planets: Emphasis on Earthquake and Marsquake

A terrestrial/rocky planet which has Plate Tectonics are prone to quakes. Apart from this, quake on terrestrial planet can also occur due to meteor impact, human activity etc. The Earth has active Plate Tectonics which leads to earthquakes of various magnitude within as well as along the plate boundaries. However, in the case of Mars, knowledge on Plate Tectonics is still immature. I have just started literature survey on this fascinating topic. Based on my small reading so far, I will be sharing and discussing today some of the aspects of Earthquake and Marsquake along with the related instruments to detect these quakes.