

**GOVERNMENT OF INDIA  
EARTH SCIENCES  
LOK SABHA**

UNSTARRED QUESTION NO:3574  
ANSWERED ON:15.12.2011  
TREMORS IN KERALA  
Antony Shri Anto

**Will the Minister of EARTH SCIENCES be pleased to state:**

- (a) whether the Government has taken note of the frequent tremors occurring in Kerala during the last ten years;
- (b) if so, details thereof including the number of tremors and their intensity, year-wise;
- (c) whether Kerala comes in Zone 3 seismic category; and
- (d) if so, the details thereof.

**Answer**

MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES (SHRI ASHWANI KUMAR)

- (a) Yes, Madam.
- (b) In all, 16 earthquakes have been recorded in the Kerala region during last ten years. Of these, 3 were in the magnitude range of 3.6-5.0 in the year 2000, 3 in magnitude range of 3.1-4.8 in 2001, 3 in the magnitude range of 3.0-3.7 in 2006, 2 in the magnitude range of 2.8-3.0 in 2007, one event of magnitude 2.8 in 2010 and 4 in the magnitude range of 3.1-3.5 during 2011.
- (c) Yes Madam.
- (d) As per the seismic zoning map of India, prepared by the Bureau of Indian Standards [IS-1893 (Part-1): 2002], country has been grouped into four seismic zones, viz. Zone-II, III, IV and V. Of these, Zone V is the most seismically active region, while zone II is the least active. Kerala fall in both Zone-II and Zone-III