

**GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA**

UNSTARRED QUESTION NO:365
ANSWERED ON:09.08.2012
PREDICTION OF EARTHQUAKES
Choudhary Shri Bhudeo

Will the Minister of EARTH SCIENCES be pleased to state:

(a) the severity of earthquakes occurred in Delhi-NCR area during the last 5-6 months alongwith the areas wherein the said tremors were felt; and

(b) the details of the areas where national seismic networks are located?

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 (DR. ASHWANI KUMAR)

a) The details of the earthquakes located by the seismological network of India Meteorological Department (IMD) in Delhi-NCR region from 1 January, 2012 onwards are presented in the following table.

DATE (IST)	TIME	LAT (deg.N)	LONG (deg.E)	Depth (Km)	Magnitude	Epicentral Region
29/01/2012	04:54:52	28.8°N	76.7°E	10	3.5	ROHTAK-SONIPAT DISTT BORDER REGION, HARYANA
30/01/2012	03:07:05	28.8°N	76.8°E	10	3.2	ROHTAK-SONIPAT DISTT BORDER REGION, HARYANA
05/03/2012	13:11:05	28.7°N	76.6°E	14	4.9	HARYANA - DELHI BORDER REGION
13/03/2012	03:37:20	28.9°N	77.3°E	5	3.5	BAGHPAT, UTTAR PRADESH
17/05/2012	19:09:19	28.9°N	76.7°E	27	3.5	DISTT.ROHTAK, HARYANA
13/06/2012	08:46:03	28.7°N	76.6°E	10	2.8	ROHTAK, HARYANA
19/06/2012	19:30:08	28.7°N	76.6°E	5	3.8	DISTT. JHAJJAR, HARYANA
22/06/2012	08:14:42	29.0°N	77.1°E	7	3.5	SONIPAT, HARYANA
22/06/2012	10:08:47	29.0°N	77.0°E	15	3.4	SONIPAT, HARYANA
02/07/2012	15:37:12	28.6°N	76.3°E	7	3.3	BHIWANI, HARYANA

Most of the tremors were reportedly felt in the epicentral regions. However, significant tremors due to one earthquake (M 4.9) of 5th March 2012 were reportedly felt in the entire Delhi-NCR area.

b) Details of the field stations of the national seismic network are presented in the Annexure.