

Statement-II

*List of low magnitude earthquake events reported felt locally during the period 2009-2010 (till 18th November, 2010) in Northeast India
(Determined using single station data)*

Sl.No.	Date	Time (UTC)	Magnitude	Region
1.	01-01-09	16:37	3.4	65 Km. from Shillong Obsy
2.	24-01-09	05:27	3.2	51 Km. from Shillong Obsy
3.	29-01-09	22:35	2.0	3 Km. from Shillong Oby.
4.	08-02-09	22:59	3.7	19 Km. from Shillong Obsy.
5.	16-07-09	14:41	2.8	11 Km. from Shillong Obsy.
C.	16-02-09	22:31	3.0	12 Km. from Shillong Obsy.
7.	28-02-09	23:13	2.5	12 Km. from Shillong Obsy
8.	16-03-09	06:02	3.4	40 Km. from Seismo Obsy Gangtok
9.	19-04-09	06:33	3.1	32 Km. from Shillong Obsy
10.	29-05-09	22:48	2.9	24 Km. from Shillong Obsy
11.	16-08-09	18:17	2.9	64 Km. from Seismo Obsy. Siliguri
12.	06-11-09	20:58	3.2	90 Km. from Shillong Obsy.
13.	06-01-10	19:31	2.4	26 Km. from Shillong Obsy
14.	16-02-10	11:27	3.4	10 Km. from Shillong Obsy
15.	24-02-10	14:43	3.0	170 Km. from Shillong Obsy
16.	25-02-10	22:26	2.1	12 Km. from seismo Obsy, Gangtok
17.	07-05-10	05:40	3.4	50 Km. from Shillong Obsy
18.	26-05-10	04:55	3.0	20 Km. from seismo Obsy Gangtok
19.	27-07-10	02:22	3.4	22 Km. from Shillong Obsy
20.	27-07-10	02:46	2.4	22 Km. from Shillong Obsy

Marine Biological Research Centre

1740. SHRI K.E. ISMAIL:

SHRI M.P. ACHUTHAN:

Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether the State Government of Kerala has accorded to transfer 10 acres of land required for setting up Marine Biological Research Centre near the proposed Oceanarium being established by the State Government at Kochi; and

(b) if so, the details thereof and the present status of the proposed Research Centre?

THE MINISTER OF EARTH SCIENCES (SHRI KAPIL SIBAL): (a) Yes Sir, Kerala State Government has transferred 10 acres of land in R.S. 238/1 (Sy. No.238/3) in Puthuvypu village, Kochi Taluk, Ernakulam District to the Centre for Marine Living Resources and Ecology (CMLRE) an attached office of the Ministry for setting up its Research Centre.

Doppler radar in Himachal Pradesh

1741. SHRIMATI VIPLOVE THAKUR: Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether a Doppler radar proposed to be installed in Himachal Pradesh during the year 2009-10 has not been installed so far;

(b) if so, the reasons therefor;

(c) whether it is a fact that the said Doppler radar has been installed in some other State;

(d) if so, the reasons therefor; and

(e) the steps taken/proposed to be taken by Government to install the Doppler radar in Himachal Pradesh at the earliest?

THE MINISTER OF EARTH SCIENCES (SHRI KAPIL SIBAL): (a) No Sir.

(b) Doppler radar installation in Himachal Pradesh is not scheduled to take place during the on-going modernization phase-I of the India Meteorological Department (IMD) taken up during the current Eleventh plan period.

(c) No Sir.

(d) Doppler Weather Radars are functional at Chennai, Kolkata, Machilipatnam, Visakhapatnam, Hyderabad, Delhi and Sriharikota. Commissioning of Doppler radars is taken up in another 10 locations in the country and such locations are chosen purely on the merits/priorities of weather monitoring and forecasting exigencies.

(e) Doppler radar for Shimla is figuring in the list of such locations identified under IMDs modernization phase-II which is under formulation currently.

Cracks on the surface of earth

1742. SHRI RAJKUMAR DHOOT: Will the Minister of EARTH SCIENCES be pleased to state: