

SCIENCE NOTES AND NEWS

Messrs Hargolal & Sons, The Science Apparatus Workshop, Ambala Cantt., seek to make contacts with inventors and others who may have ideas relating to designing, improvements or introduction of new scientific instruments and allied products. Main objective is the marketing of improved products or new ideas for instruments for educational science. Ideas may also relate to scientific toys and games. All ideas submitted will be treated with utmost confidence and will be exclusive property of the inventors unless it is adopted by the firm. Further particulars from: Managing Proprietor, Hargolal & Sons, Ambala Cantt.

MAGNETIC NOTES

Magnetic conditions during June 1945 were slightly less disturbed than in the previous month. There were 22 quiet days, 7 days of slight disturbance and 1 day of moderate disturbance as against 20 quiet days and 10 days of slight disturbance during the same month last year.

The quietest day during the month was the 29th and the day of the largest disturbance the 6th.

The individual days during the month were classified as shown below:—

Quiet days	Disturbed days	
	Slight	Moderate
1-5, 11-16, 18-26, 28, 29.	7-10, 17, 27, 30.	6

No magnetic storms occurred during the months of June 1944 and 1945.

The mean magnetic character figure for the month of June 1945 was 0.30 as against 0.33 for June 1944.

A. S. CHAUBAL.

1945 Month and Date	Time of origin I.S.T.	Intensity of shock	Epicentral distance from Bombay	Co-ordinates of epicentre	Remarks
June 4	H. 18 M. 39	Moderate	(Miles) 815	Lat. 29° N.; Long. 81° E.	Felt in Delhi and other places in Northern India
14	06 14	Slight	1725		
23	00 30	Moderate	1300		
July 15	12 05	Slight	4680		
22	17 10	Moderate	2035		
23	10 25	Moderate	1815	Lat. 39° N., Long. 53° E. Near Caspian Sea.	

Magnetic conditions during July 1945 were more disturbed than in the previous month. There were 18 quiet days and 13 days of slight disturbance as against 27 quiet days and 4 days of slight disturbance during the same month last year.

The quietest day during the month was the 27th and the day of the largest disturbance the 17th.

The individual days during the month were classified as shown below:—

Quiet days	Disturbed days
	Slight
2, 9-15, 19-22, 24-27, 29, 31.	1, 3-8, 16-18, 23, 28, 30.

No magnetic storms occurred during the months of July in 1944 and 1945.

The mean character figure for the month of July 1945 was 0.42 as against 0.13 for July 1944.

M. PANDURANGA RAO.

It is proposed to hold the 14th Conference of the Indian Mathematical Society at Delhi during the third week of December, 1945. Authors of papers are requested to send their papers with abstracts to Dr. A. Narasinga Rao, Annamalai Nagar, before the end of October, 1945.

SEISMOLOGICAL NOTES

Among the earthquake shocks recorded by the Seismographs in the Bombay (Colaba) Observatory, there were two moderate and one slight shock during each of the months June and July 1945. Particulars of these shocks have been given in the table below.