

Parliament question: Seismic monitoring and microzonation

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Seismic observatories of National Seismic Network have increased from about 150 stations in 2020 to 168 operational observatories till date, with real-time data reporting via VSAT.

Total 80029 earthquakes were recorded during 01st January 2020 to 30th June 2025 in the grid of 0-40°N and 60-100°E of which 3032 were recorded within the country including Bay of Bengal, Andaman Sea during last five years.

Seismic Microzonation data is produced by the Ministry of Earth Sciences (MoES) through National Centre for Seismology (NCS) and is based on guidelines framed by MoES. Since 2020, cities of Chennai, Coimbatore, Bhubaneswar, and Mangalore are covered for Seismic Microzonation and the related reports are released recently in July 2025. Additionally, cities such as Patna, Varanasi, Lucknow, Kanpur, Meerut, Agra, Dhanbad, Amritsar are in advanced stage of completion, where Dhanbad comes in Jharkhand.

This information was given by Dr. Jitendra Singh, Union Minister of State (Independent Charge) for Science and Technology, Earth Sciences, MoS PMO, MoS Personnel, Public Grievances & Pensions, Department of Atomic Energy and Department of Space, in a written reply in the Rajya Sabha today.

NKR/PSM/AV

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