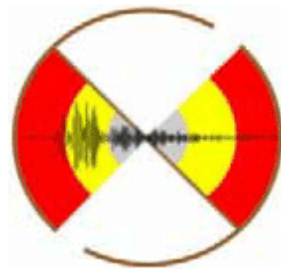




A Preliminary Report of June 05, 2026, Chamba, Himachal Pradesh Earthquake (M: 5.0)

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An earthquake of magnitude M 5.0 occurred on 05 June 2026 at 22:04:37 IST, with its epicenter located at 32.28° N, 76.43° E at a shallow focal depth of 5 km. The epicenter lies within Chamba district, Himachal Pradesh, approximately 11 km northeast of Dharamshala and about 150 km northwest of Shimla, the state capital.

The event was occurred near the Main Central Thrust Fault (**Figure 1**) which is in the Seismic Zone V as per Seismic Zonation Map. Felt reports of maximum Intensity V (MMI scale) in epicentral region and minimum intensity of II (MMI Scale) have been reported from around 40 km and 200 km from the epicenter respectively (**Figure 2**).

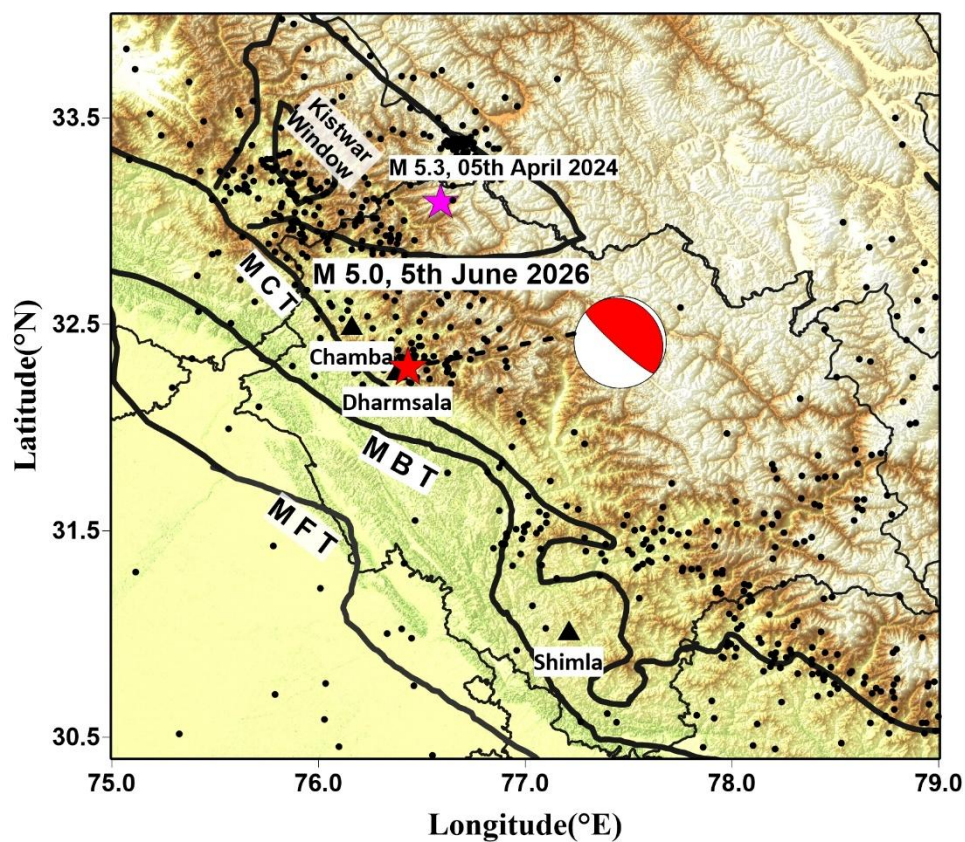


Figure 1: The present earthquake (M:5.0) of 5th June 2026 (Red Star) and the past 10 years seismicity in the epicentral and surrounding region. (source: www.seismo.gov.in; NCS-MoES). The geological faults (MFT, MBT, MCT) are the major thrust boundary in the epicentral region.

In addition to the above, it is noteworthy that prior to this event, there is a recent event (M: 3.6) recorded on 02 March, 2026 occurred close to this event which was felt with slight to moderate intensity. The occurrence of earthquakes in the region is attributed mainly to the tectonic settings of

the Himalaya comprising Himalayan Frontal Thrust (HFT), Main Boundary Thrust (MBT) and Main Central Thrust (MCT) besides several local faults and geological demarcated lineaments. The preliminary fault plane solution derived from waveform inversion suggest low dipping thrust mechanism.

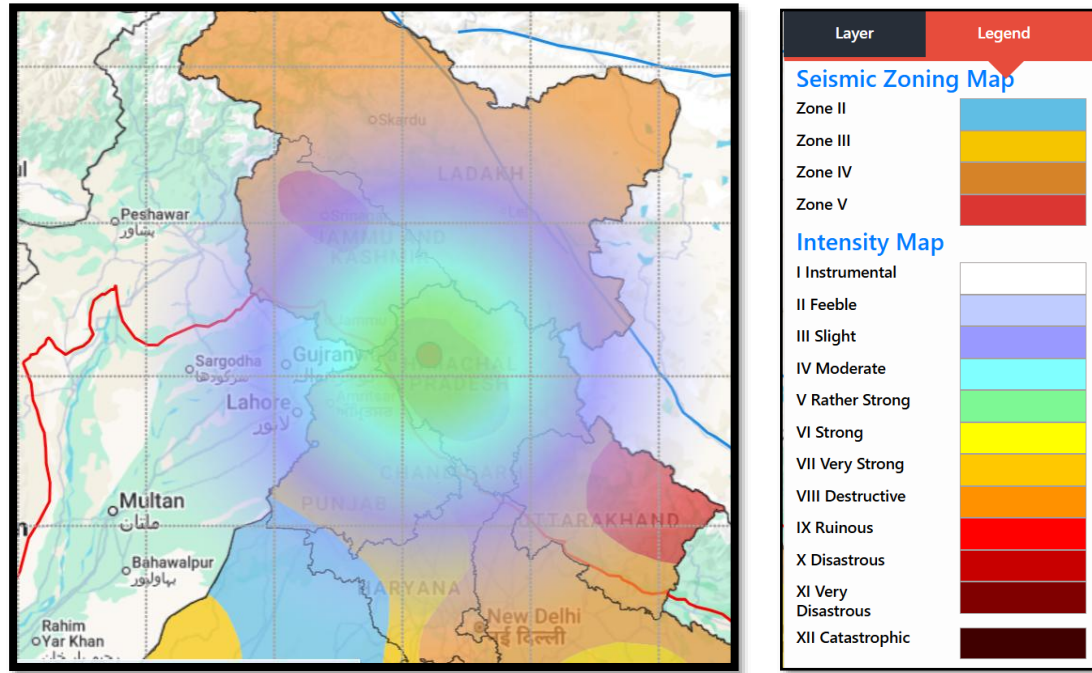


Figure 2: Estimated earthquake Intensity Map of the earthquake of M:5.0 of 5th June 2026.

Details of Peak Ground Acceleration (PGA) recorded at few stations are as follows

Table 1: Peak ground acceleration (PGA) Value recorded by NSN network of the earthquake of M:5.0 of 5th June 2026.

Station Name	Distance (km)	PGA Value (g)
Dharmshala	11	0.073
Tissa	67	0.014
Sundernagar	94	0.0004
Udhampur	140	0.025
Shimla	150	0.04