

List of Major Earthquake of Himachal Pradesh

Date	Location Affected	Magnitude	Damage	Geological Notes
4 April 1905	Kangra	7.8	20,000 people died; 53,000 domestic animals perished; 1,00,000 houses destroyed; economic loss: 2.9 million rupees	One of the deadliest Himalayan earthquakes; linked to the Main Boundary Thrust (MBT); rupture extended across Kangra–Dharamshala zone; caused major surface deformation and landslides.
1 June 1945	Chamba	6.5	NA	Occurred in the highly stressed Pir Panjal region; associated with the Himalayan Frontal fault system; moderate crustal movement but limited surface damage due to low population density.
19 January 1975	Kinnaur	6.8	60 people died; 100 injured; 2000 dwellings devastated; 2500 people homeless	Known as the Kinnaur Earthquake; linked to activity along the Kaurik Fault zone near Indo-Tibetan border; triggered large rockfalls and slope failures typical of high-altitude brittle geology.
26 April 1986	Dharamshala	5.5	6 people died; major building damage; loss around 65 crore	Occurred on the MBT system; shallow focus caused severe local shaking; weak sedimentary formations in the Siwalik foothills amplified ground motion.
1 April 1994	Chamba	4.5	NA	Small but felt widely; linked to local readjustments in the Higher Himalaya; part of ongoing strain accumulation along the Main Central Thrust (MCT).
24 March 1995	Chamba	4.9	Strong shaking; over 70% houses developed cracks	Indicates active micro-seismicity around the Ravi River valley; old masonry structures cracked due to repeated stress cycles in the Chamba–Bharmaur tectonic segment.
29 July 1997	Sundernagar	5	Damage to around 1000 houses	Occurred in the Mandi fault cluster near the Pandoh region; presence of soft sediments and reservoir-induced stress may have increased local shaking.