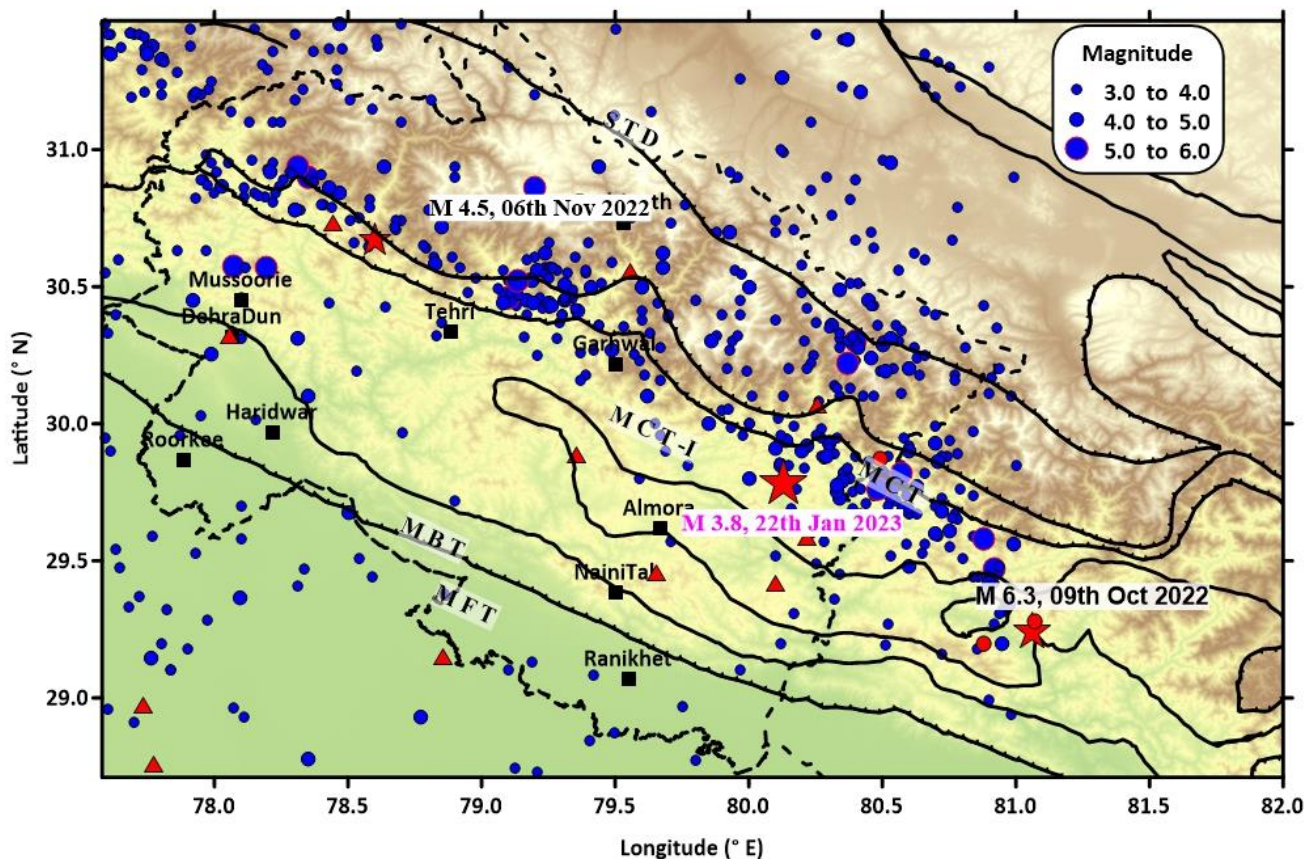
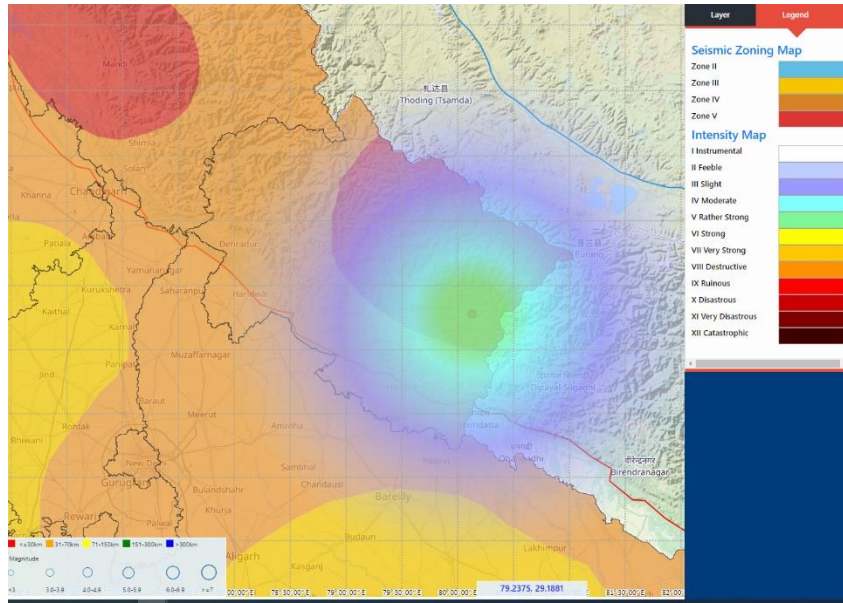


## Earthquake Report on M 3.8, Pithoragarh, Uttarakhand occurred on 22<sup>th</sup> January 2023

1. An earthquake of magnitude M 3.8 occurred at 08:58:31 IST (local time) in Pithoragarh district of Uttarakhand, India, with epicenter at 29.78 deg. N and 80.13 deg. E and shallow focal depth of 10 km. The epicenter was about 211 km SE of Dehradun capital city of Uttarakhand, which lies in Zone-V as per seismic zoning map of India. The epicenter location and intensity map of earthquake are shown in Figures 1 and 2.
2. The earthquake was well recorded by seismological network of National Center for Seismology (NCS), New Delhi.
3. The epicenter of the earthquake lies in the vicinity of Main Central Thrust (MCT).
4. The list of past earthquake events of Magnitude 3.0 and above occurred within the 250 km of radius from the today's epicenter during the past 10 years (01<sup>st</sup> January 2013 to 22<sup>nd</sup> January 2023) is as follows:



**Fig 1:** Map showing the location of earthquake of M 3.8 (Red Star) occurred on 22<sup>th</sup> January 2023 at Pithoragarh District, Uttarakhand India. Seismological stations of NCS in Uttarakhand State are also shown as red triangle. The continuous thick black lines are the major fault system in the epicentral region.



**Fig 2:** Map showing the intensity map of M 3.8 earthquake occurred on 22<sup>th</sup>, January 2023 at Pithoragarh District, Uttarakhand, India.