

Earthquake of M:5.4 occurred on 5.04.2021 in Bhutan - Sikkim (India) Border

1. An earthquake of magnitude 5.4 occurred in Bhutan-Sikkim (India) border, with epicenter at 27.23°N and 88.84°E , focal depth of 10 km at 20:49:58 IST on 05th April 2021.
2. The distance of epicenter is about 25km SE from Gangtok (Sikkim), 72 km NE from Silliguri (West Bengal), 215 km NE from Purnia, Bihar, and 116 Km NW from Cooch Bihar (West Bengal). Location map with expected intensity is shown in Fig.1.
3. More than 30 felt reports due to this earthquake, have been received from Sikkim, Bihar and West Bengal through NCS website and Mobile App having intensity ranging from II to IV on Modified Mercalli Intensity (MMI) Scale.
4. The regions lies in seismic Zone-V as per seismic zoning map of India, and the epicenter is close to Himalayan Frontal Thrust.
5. The region has experienced an earthquake of M:5.3 on 10th March 2013 and M:5.1 on 20th May 2007 during the past 20 years within 50 km from today's epicenter.

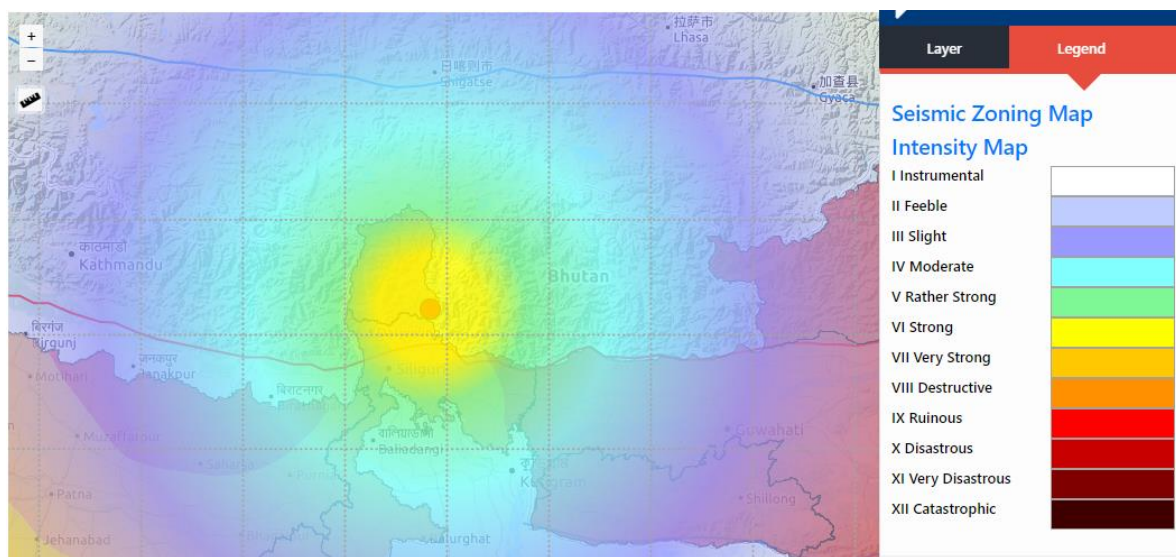


Fig.1: Location and expected intensity of earthquake occurred on 5.04.2021