

Report on Earthquake occurred in Nicobar Islands on 04th Aug 2021

1. An earthquake of magnitude M:5.6 occurred in the Nicobar Islands at 8.76°N and 94.22°E with focal depth 13 km, at 23:27:50 IST.
2. The earthquake occurred in the near to West Andaman fault which is in the east of epicenter. The epicenter is about 357 km SSE of Port Blair, 1541 km SE of Visakhapatnam and 1602 km ESE of Chennai.
3. The area falls in seismic zone V in seismic zoning map of India (IS 1893 (Part 1): 2016) which lies on the Andaman-Sumatra Subduction Zone, one of the highest seismically active zone. Location and intensity map of earthquake is shown in Fig. 1.
4. The earthquake was well recorded by the National Seismological Network of the National Center for Seismology (NCS). The detailed fault plane solution is given in Fig. 2.
5. During the last 10 years, a total of 9- earthquakes of $M \geq 5.0$ with the highest magnitude of M:6.1 occurred on 03.08.2021 within radius of 100 Km from the epicenter of today's earthquake.

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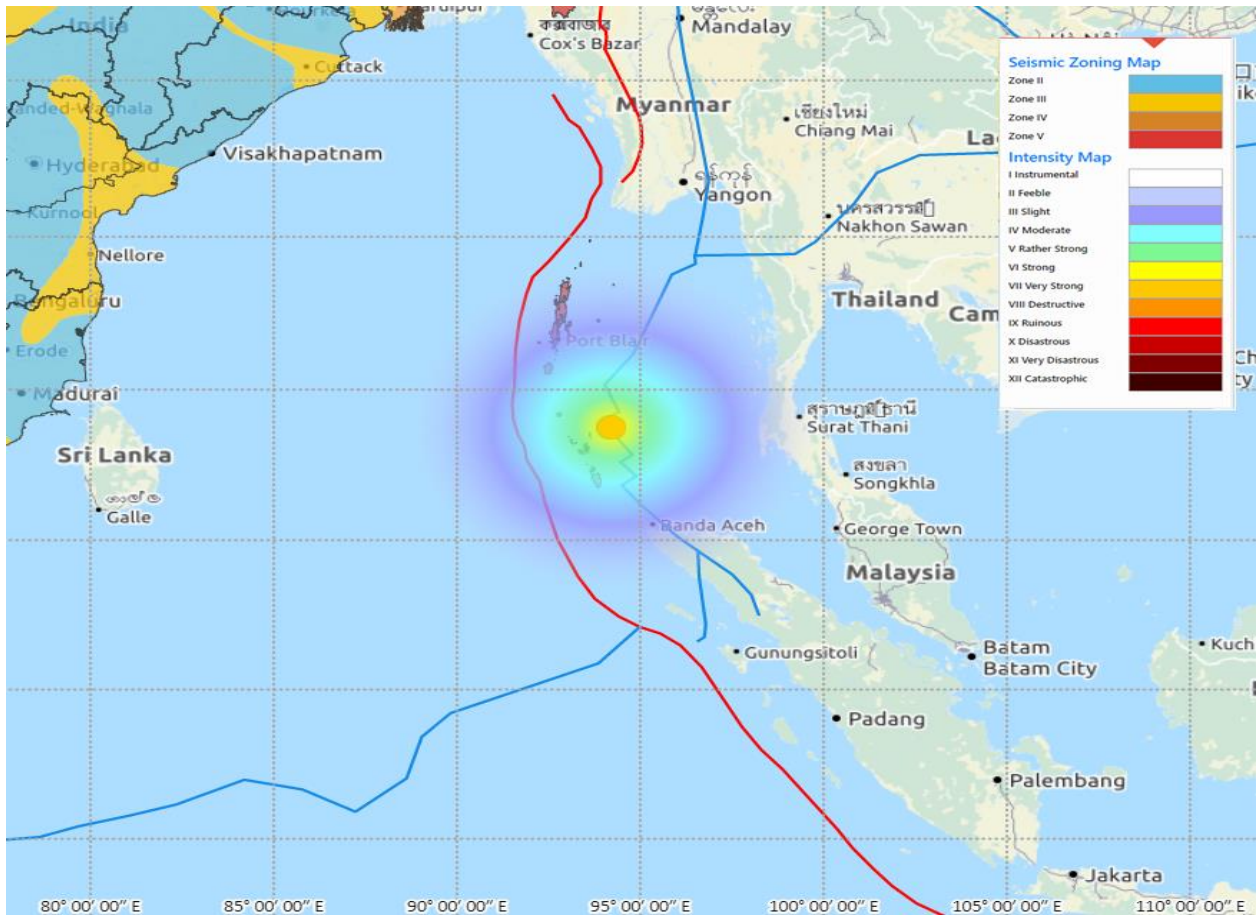


Fig 1: Location (ORANGE circle) and Intensity map of earthquake of 04rd August 2021 (M:5.6), Nicobar Islands. An Intensity of VI on MMI scale was observed in epicentral area.

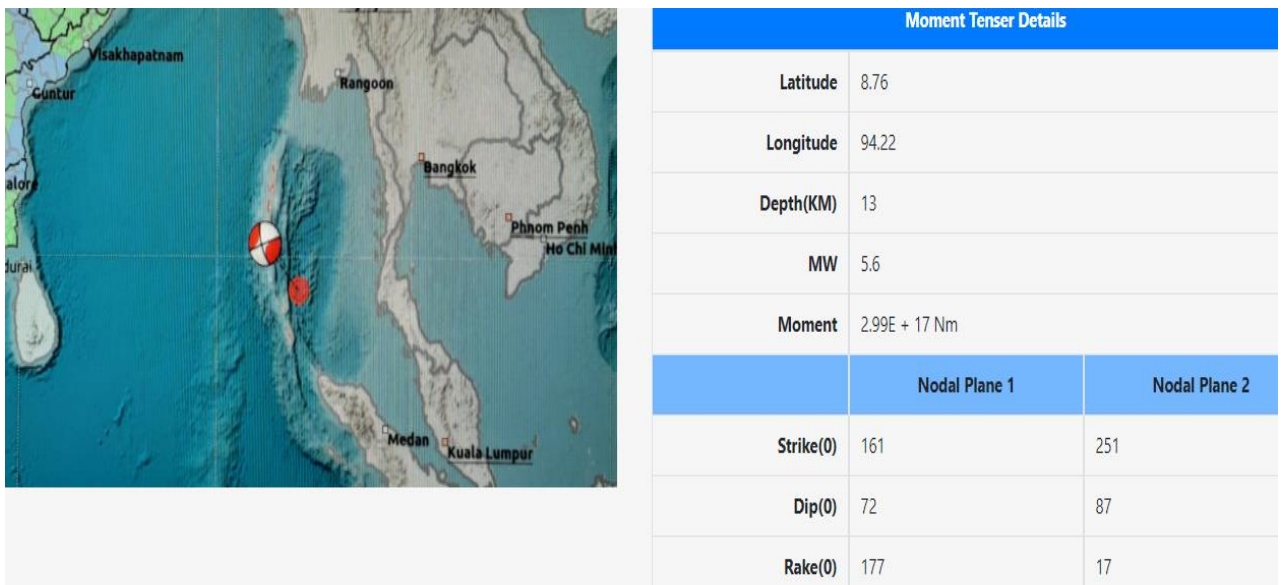


Fig 2: Fault plane solution of 5.6 magnitude earthquake in the Nicobar Islands on 04.08.2021.