

Report on Real Time Earthquake Location

**From: Earthquake Monitoring Center (EMC) of NCS
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National Center for Seismology
Ministry of Earth Sciences
Government of India

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Technical Report No: NCS/2026/06

Report of Earthquakes occurred in the month of June 2026

1) Introduction:

National Center for Seismology maintains a National Seismological Network of **172 stations** each having state of art equipment and spreading all across the country (**Figure:1**). Using these stations during the period 01st – 30th June 2026 a total number of **445** earthquakes have been located

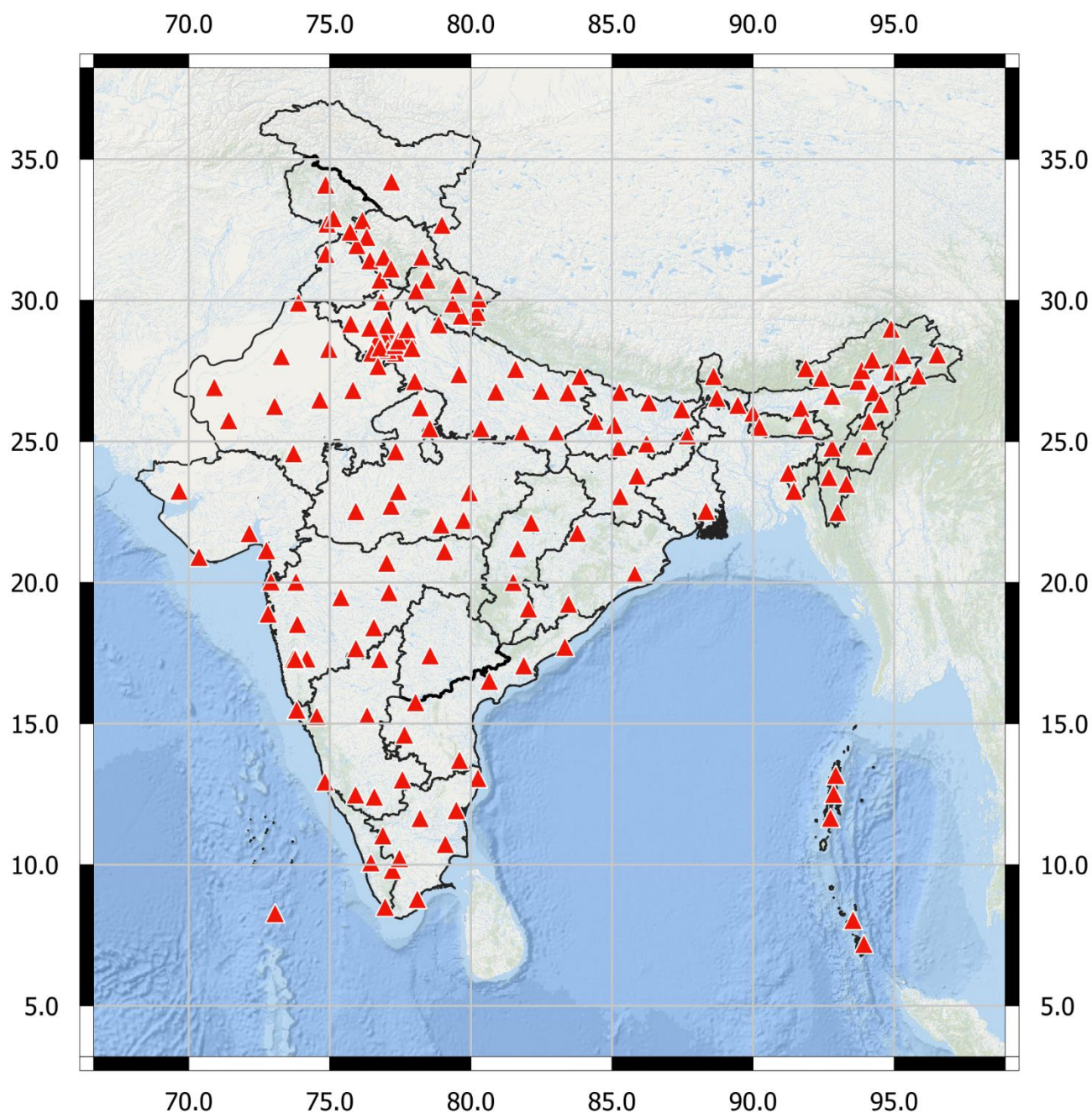


Figure 1: National Seismological Network (NSN) of 172 Stations

and disseminated from the center (**Figure:2**), out of which 230 earthquakes have occurred in India and its neighborhood region bounded by the coordinates 0° - 40°N & 60°-100°E (**Figure:3**).

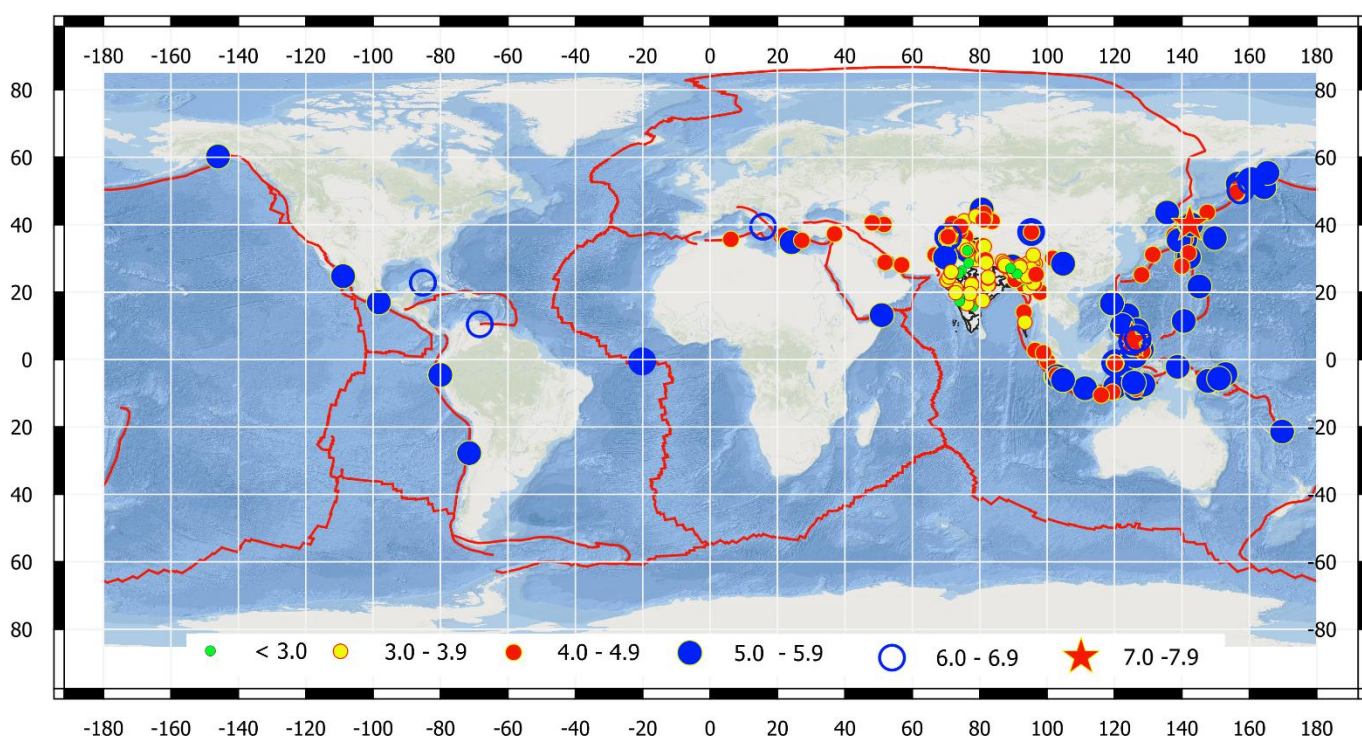


Figure 2: Earthquakes located and disseminated by NCS during 01st –30th JUNE 2026

2) Seismicity:

During the period, the majority of earthquakes within India and its neighbourhood region bounded by the coordinates 0-40°N & 60-100°E; were located in **North-East India** (Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, and Sikkim), **North India** (Himachal Pradesh, Uttarakhand, Ladakh, and Jammu-Kashmir) and Hindu Kush region as shown in **Figure 3**.

Other smaller magnitude earthquakes were reported in the **Northern** (Jhajjar in Haryana); **Western** (Ajmer, Barmer and Rajasmand in Rajasthan; Navsari and Kachchh in Gujarat; Palghar, Pune, Nagpur, Satara, Yavatmal and Hingoli in Maharashtra); **Eastern** (Jalpaiguri and Alipurduar in West Bengal); **Central** (Singraulli and Betul in Madhya Pradesh; Korba and Janjgir Champa in Chhatisgarh) and **Southern** (Bhadradi Kothagudem in Telengana; Kurnool in Andhra Pradesh and Vijayapura in Karnataka) part of the country.

Eighty Seven earthquakes of smaller magnitude (**M < 3.0**) comprising **20%** of all earthquakes occurred during 01st to 30th June 2026. **Ten earthquakes** of magnitude **M:5.0** and above occurred during the month in the region; as detailed in **Table:1**.

Table:1 Earthquakes of $M \geq 5.0$ occurred during June 2026 within India and its neighbourhood

S.N.	Date (IST)	Time (IST)	Lat ($^{\circ}$ N)	Long ($^{\circ}$ E)	D (Km)	M	Region
1	2026-06-05	22:04:36	32.274	76.423	5	5.0	Chamba, Himachal Pradesh
2	2026-06-07	23:06:43	27.627	89.66	26	5.8	Bhutan
3	2026-06-16	14:36:56	37.833	95.286	10	6.3	China
4	2026-06-16	15:12:35	37.899	95.398	10	5.0	China
5	2026-06-16	15:15:27	37.807	95.385	10	5.4	China
6	2026-06-22	15:52:21	36.389	70.665	185	5.3	Afghanistan
7	2026-06-23	20:59:00	37.99	95.54	10	5.4	China
8	2026-06-26	17:18:49	30.273	69.71	75	5.3	Pakistan
9	2026-06-27	08:36:23	30.271	69.733	40	5.5	Pakistan
10	2026-06-27	19:04:51	36.442	70.672	215	6.2	Afghanistan

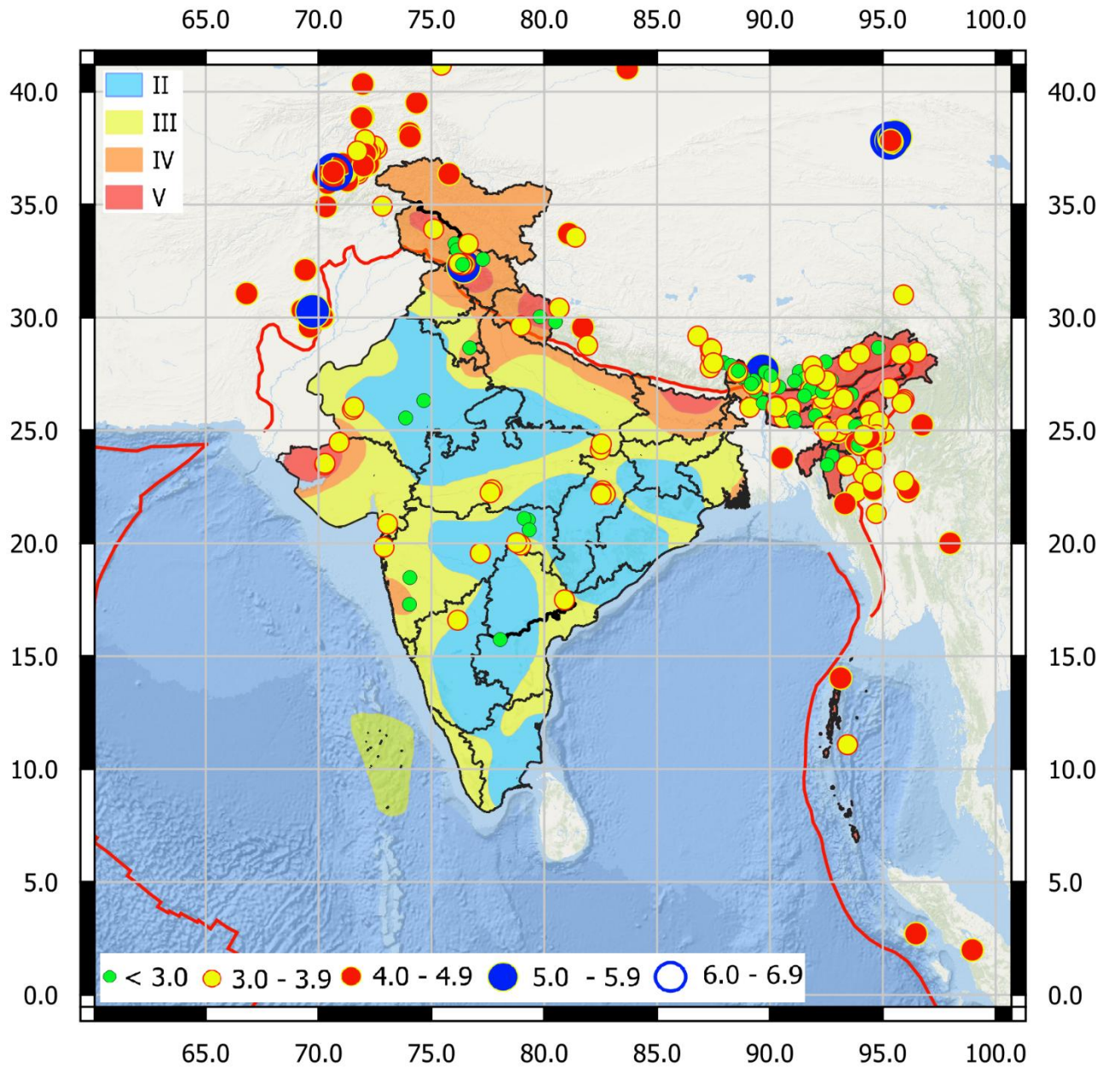


Figure 3: Map showing the seismicity during the period 01st – 30th JUNE 2026 occurred in India and its neighbourhood region along with the seismic zone of India.

Out of total **445** earthquakes **24%**; **29%** and **23%** earthquakes occurred within the magnitude range of **3.0-3.9**, **4.0-4.9**, and **5.0-5.9**, respectively. **Fourteen** earthquakes in the magnitude range between **6.0–6.9** occurred during the period 12 of which were outside the grid **0–40°N** and **60–100°E**, as shown in **Figures 2** and **4(a)**. The details of earthquakes occurred during the month is available at www.seismo.gov.in.

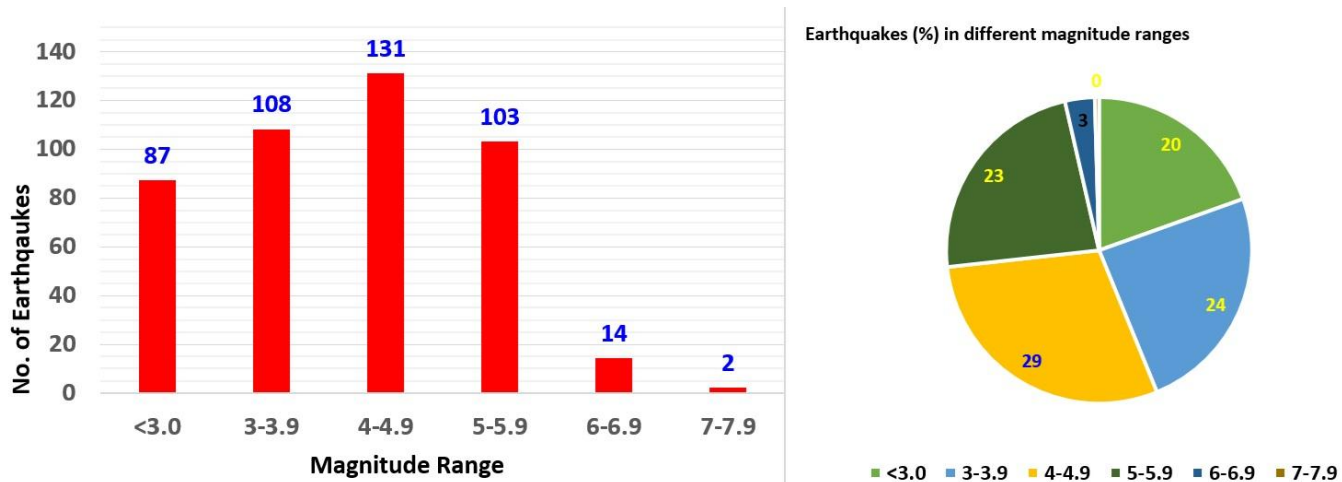


Figure 4 (a): Distribution of earthquakes in the different magnitude range during 01st – 30th JUNE 2026.

There is **positive change** in the number of earthquakes in magnitude ranges of **5.0-5.9**, **6.0-6.9** and **7.0-7.9**. The change in earthquake occurrence for each magnitude range relative to the previous month is shown in **Figure 4(b)**.

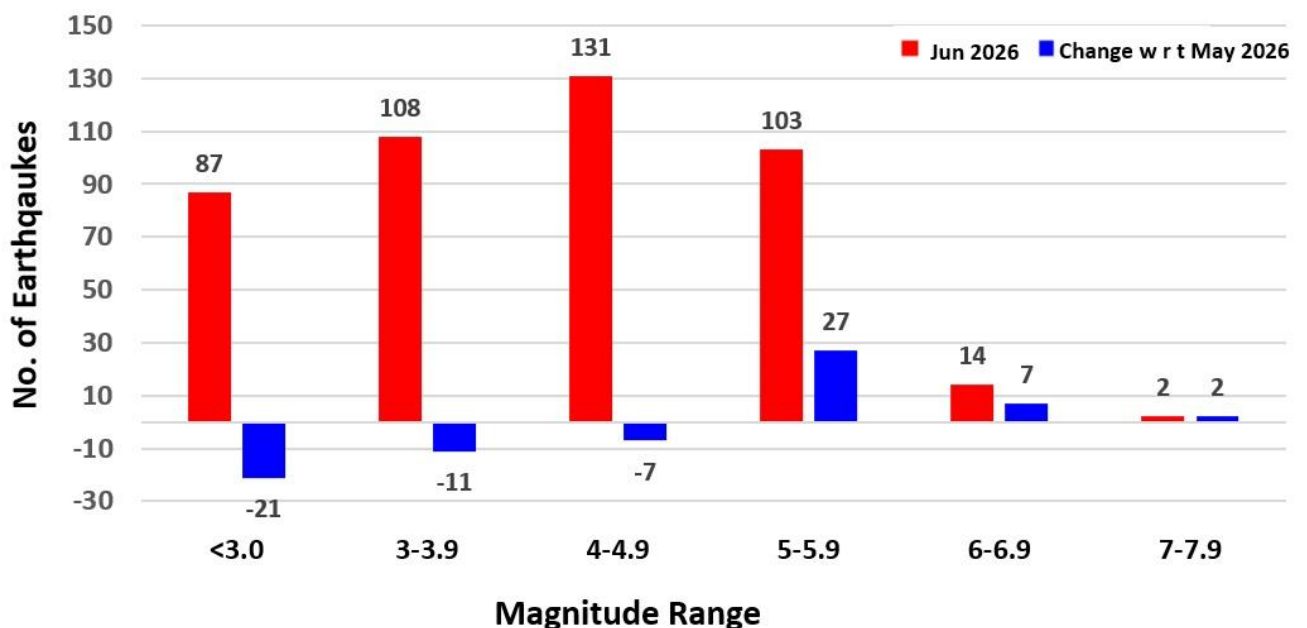


Figure 4 (b): Change of occurrence of earthquakes in different magnitude ranges w.r.t previous month.

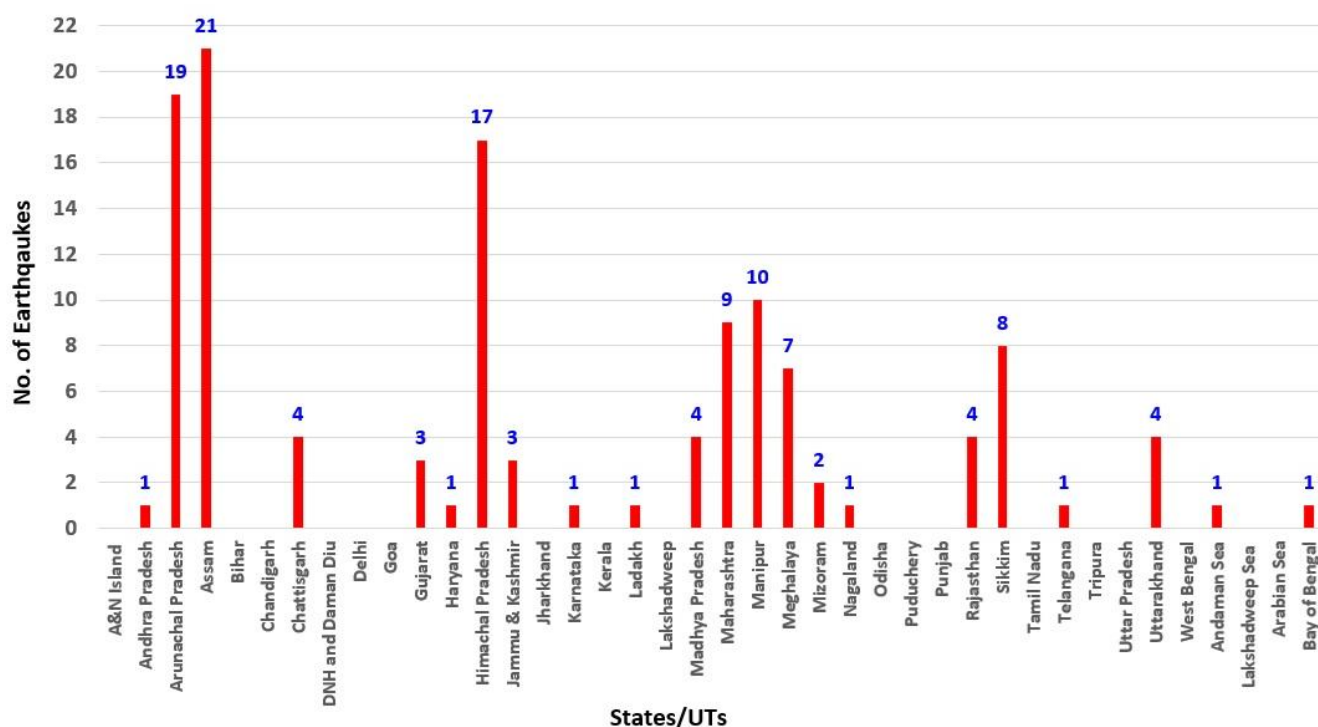


Figure 5: State wise distribution of earthquakes during the period 01st – 30th JUNE 2026.

Total **123** earthquakes occurred within Indian territory; out of which **21** earthquakes occurred in Assam, **19** in Arunachal Pradesh and **17** in Himachal Pradesh during the period. Out of 123 earthquakes **26** and **68** earthquakes occurred in **North** and **North-East** region respectively. State/UT and region wise distribution of earthquakes occurred during 01st – 30th June 2026 is shown in **Figure 5** and **Figure 7** respectively. There was no activity in eastern part of the country during 01st – 30th June 2026 (**Figure 3** and **Figure 6**).

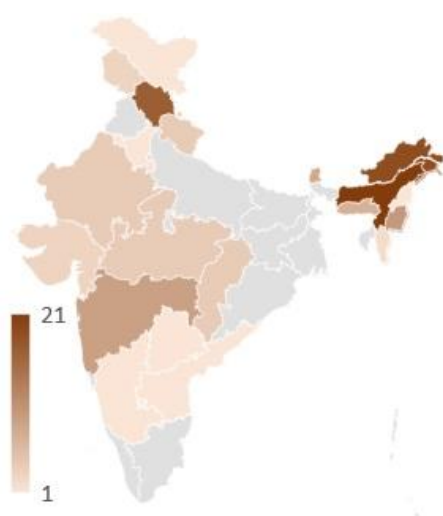


Figure: 6 Earthquake Density map

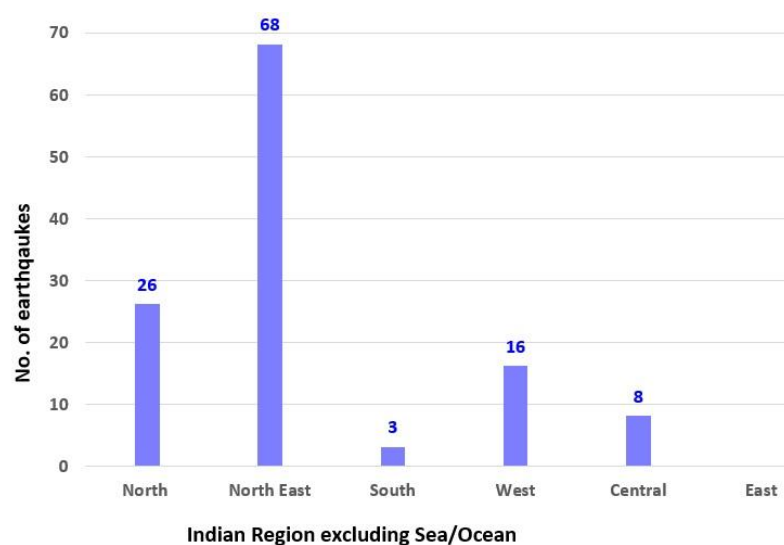


Figure: 7 Region wise distribution

3) Significant Activity:

- A. Chamba Earthquake:** An Earthquake of Magnitude **M 5.0** occurred at **22:04:36 IST** on **05th June 2026** in the Chamba, Himachal Pradesh at 32.274 °N and 76.423 °E, with a focal depth of 5 km. The epicenter was about 10 km NE of Dharamshala, 50 km SE of Dalhousie, 75 Km E of Manali and 145 km NW of Shimla. The earthquake is associated with Main Central Thrust (MCT) and Main Boundary Thrust MBT of Himalayan fault system. The source region falls in seismic zone V. This earthquake was felt by mostly in the source region as per felt response MMI Varies from II to IV. **Figure 8** depicts the expected intensity of this earthquake around the source zone. Following URL may be visited for more details about this earthquake. <https://riseq.seismo.gov.in/riseq/earthquake/event/V09xTFFMcCtEVTg5YmFvdUJEOTQwUT09/Reviewed>.

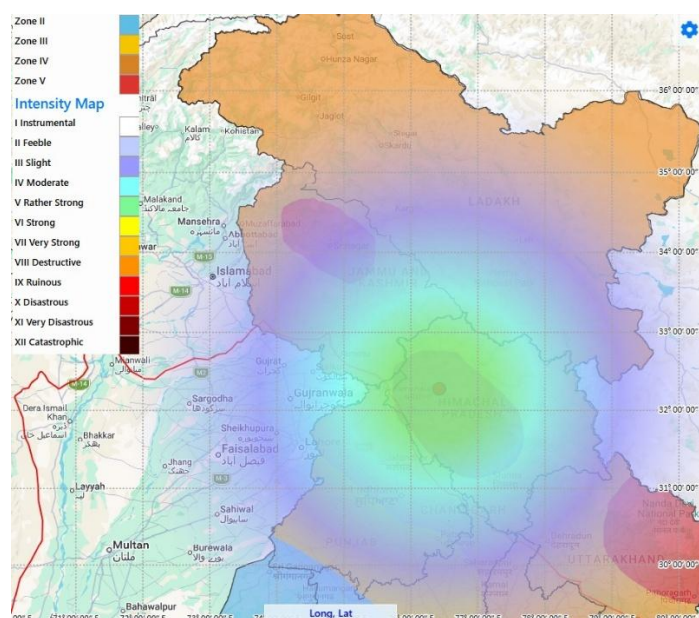


Figure 8: Intensity map of earthquake of M:5.0 occurred on 05th JUNE 2026 in Chamba.

- B. Bhutan Earthquake:** An Earthquake of Magnitude **M 5.8** occurred at **23:06:43 IST** on **07th June 2026** in Bhutan at 27.627 °N and 89.660 °E, with a focal depth of 26 km. The epicenter was about 18 km N of Thimpu(Bhutan), 110 km ENE of Gangtok, 150 km NE of Siliguri and 220 km E of Tawang. The tectonic setting reflects the ongoing India–Eurasia collision, with Bhutan lying on the locked segment of the Main Himalayan Thrust (MHT) where convergence rates of ~15–20 mm/year are observed. **Figure 9** depicts the expected intensity of this earthquake around the source zone. This earthquake was widely felt in the source region including NE India and Bangladesh. URL may be visited for more details about earthquake. <https://riseq.seismo.gov.in/riseq/earthquake/event/N2R6MWtGLzNrdjhOZ0svZDZVYUxQdz09/Reviewed>.

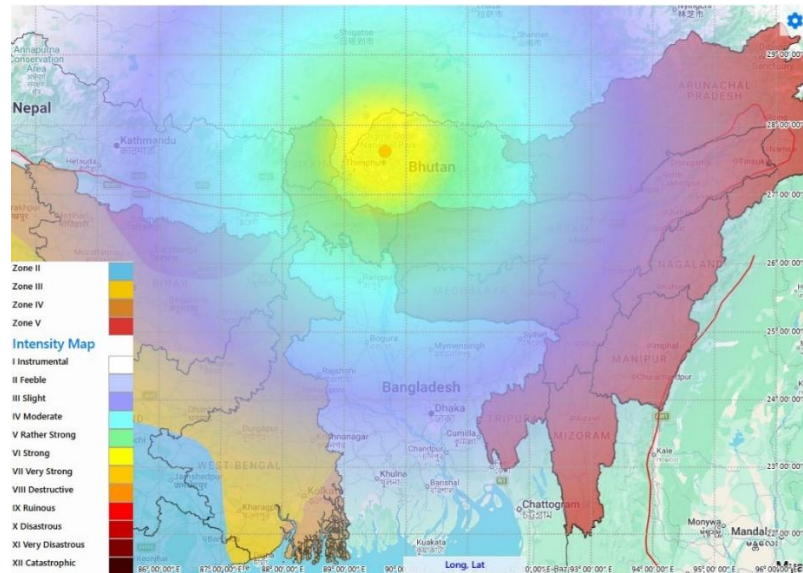


Figure 9: Intensity map of earthquake of M:5.8 occurred on 07th JUNE 2026 in Bhutan.

C. Afghanistan Earthquake: An Earthquake of Magnitude **M 6.2** occurred at **19:04:51 IST** on **27th June 2026** in Afghanistan at 36.442 °N and 70.672 °E, with a focal depth of 215 km. The epicenter was about 240 km NE of Kabul(Afghanistan), 290 km SE of Dushanbe(Tajikistan), 320 km E of Mazar-i-Sharif(Afghanistan), 340 km W of Gilgit(India) and 450 km NW of Srinagar(India). The source region is seismically active and falls in the collision zone of Indian plate with Eurasian plate. **Figure 10** depicts the expected intensity of this earthquake around the source zone. The following URL may be visited for more details about earthquake.

<https://riseq.seismo.gov.in/riseq/earthquake/event/VINsdUJkL0pVZ1pLYURubi9LYmIlQT09/>

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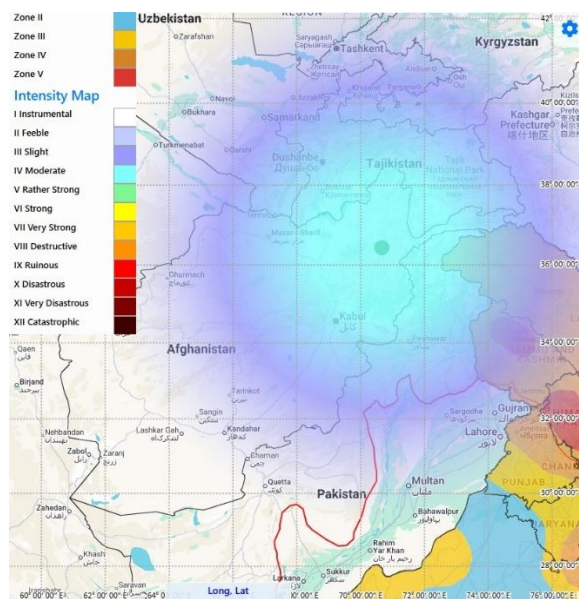
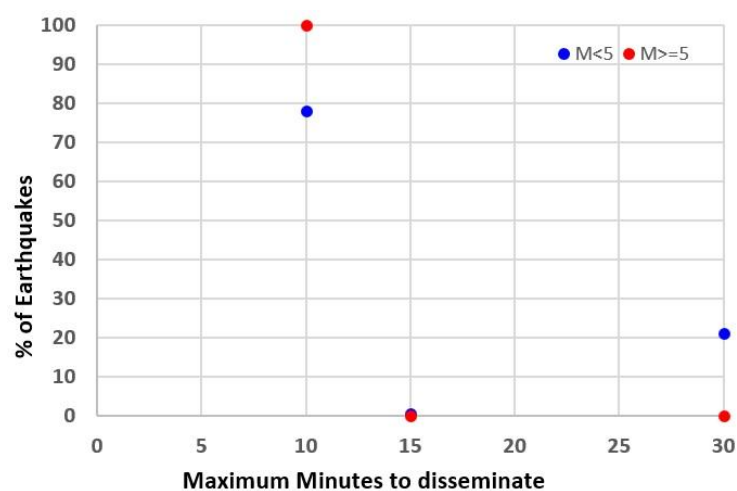


Figure 10: Intensity map of earthquake of M:6.2 occurred on 27th JUNE 2026 in Afghanistan.

4) Dissemination Performance:



About **80%** earthquakes of $M < 5.0$ and **100%** earthquakes of $M \geq 5.0$ occurred within India and its neighbourhood region bounded by the coordinates $0-40^\circ\text{N}$ & $60-100^\circ\text{E}$ were disseminated within **10 minutes** as shown in **Figure 11**.

Figure 11: Dissemination of earthquakes within different time ranges during 01st – 30th JUNE 2026.