



Press Release – Micro Earthquake Activity in Karachi – June 2025

The Pakistan Meteorological Department's National Seismic Monitoring Centre (NSMC), Islamabad, is actively monitoring the recent seismic activity being felt in Karachi and surrounding areas.

Since June 1, 2025, the Pakistan Meteorological Department (PMD) has recorded 57 low-magnitude tremors in Karachi. These quakes have ranged from 1.5 to 3.8 on the Richter scale, with the seismic swarm attributed to the activation of the Landhi Fault Line. This unusually high frequency reflects a natural release of tectonic stress within the region's fault system. PMD officials emphasize these tremors are minor and commonplace in active seismic zones. Most of these events have occurred at shallow depths (upto 70km), which is why they were lightly felt by residents in different parts of the city.

These earthquakes are the result of natural tectonic movements along local fault systems in the region. Karachi lies near the junction of the Indian and Eurasian tectonic plates, where small-scale stress accumulation can occasionally lead to such minor seismic releases. These are considered normal geological phenomena in tectonically active zones and do not indicate an impending major earthquake. Local conditions, including soft soil, land reclamation, and unregulated groundwater extraction, may also influence how the shaking is felt at the surface.

At this stage, based on data and patterns observed, no immediate threat of a major earthquake has been identified. However, like all seismically active regions, occasional mild tremors can continue to occur. PMD team is continuously analyzing seismic data to ensure any unusual activity is detected in real-time.

The public is strongly advised not to panic. These tremors are not unusual and should not be a cause for fear. We recommend that citizens remain informed through official channels only, and avoid spreading unverified news or rumors that can cause unnecessary alarm.

The PMD urges the public, media, and different institutions to:

- **Disregard unverified earthquake prediction claims**, especially from non-scientific sources.
- **Avoid sharing or amplifying such claims**, as they can cause panic and confusion.
- **Rely only on information issued through official PMD channels.**

For authentic updates and seismic data, please refer to:



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