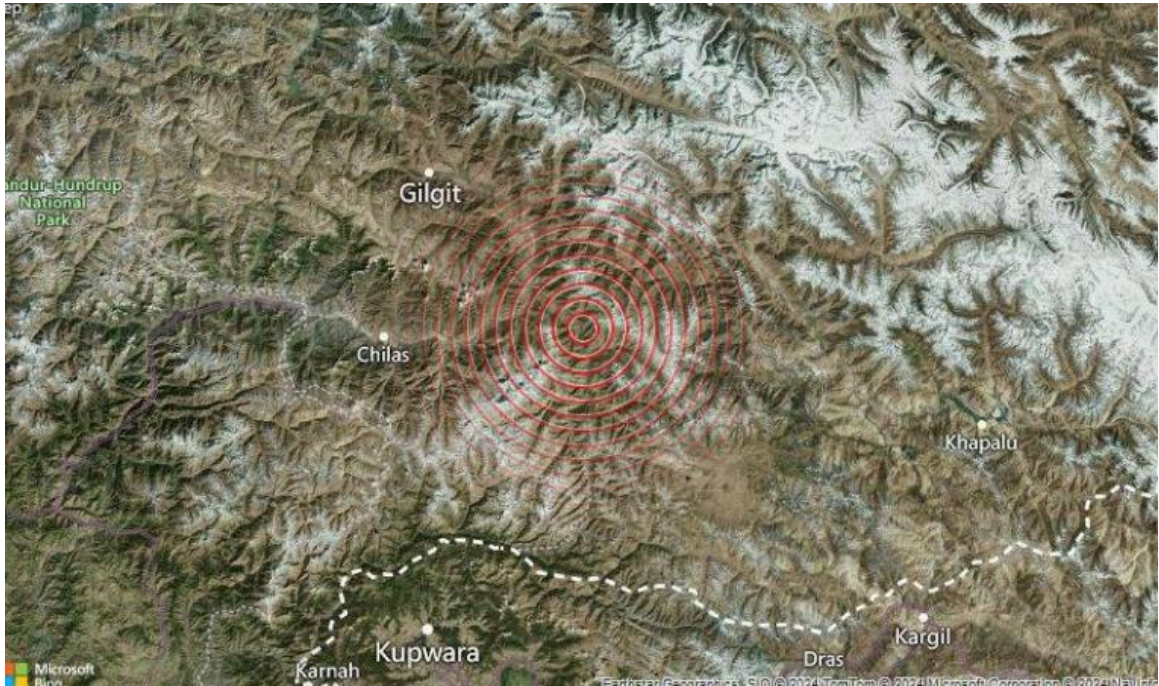


# Earthquake Strikes Pakistan



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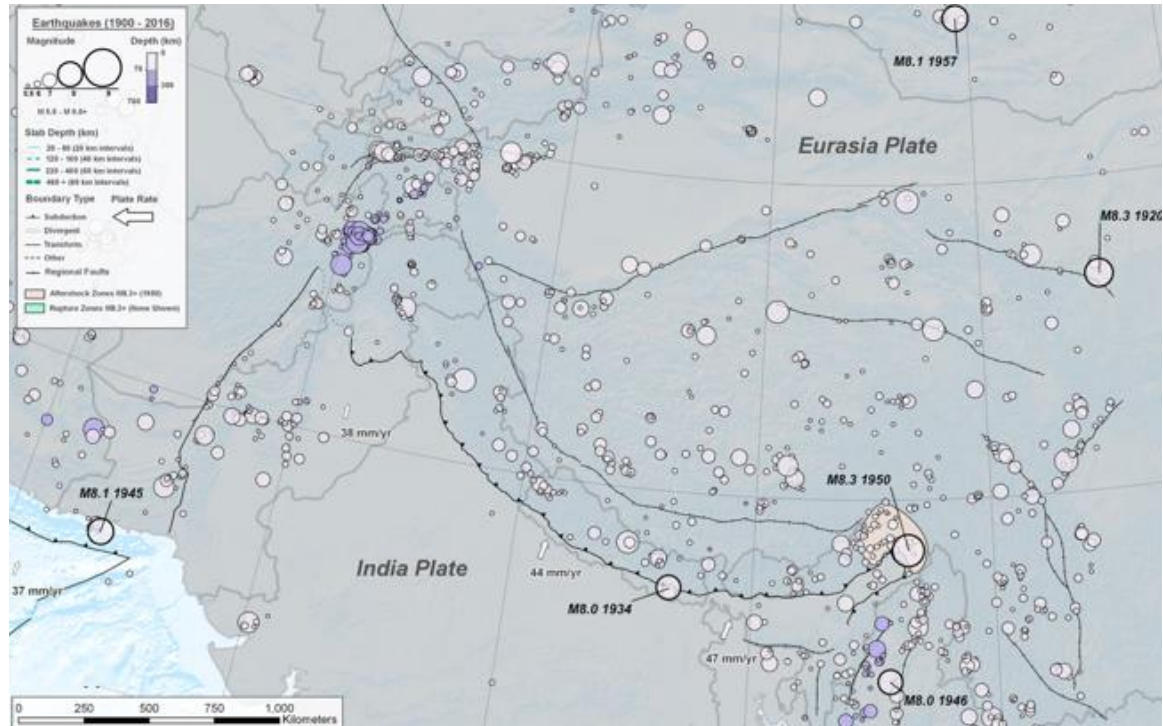
A magnitude 5.2 mb struck Pakistan, on 19<sup>th</sup> February, 2024, at 16:05 UTC. The location was 35.429°N 74.757°E, 67 km SE of Gilgit, Northern Pakistan. The area is North-Western Kashmir.

### DEPTH

The source was 44.8 km deep.

## REGIONAL TECTONICS

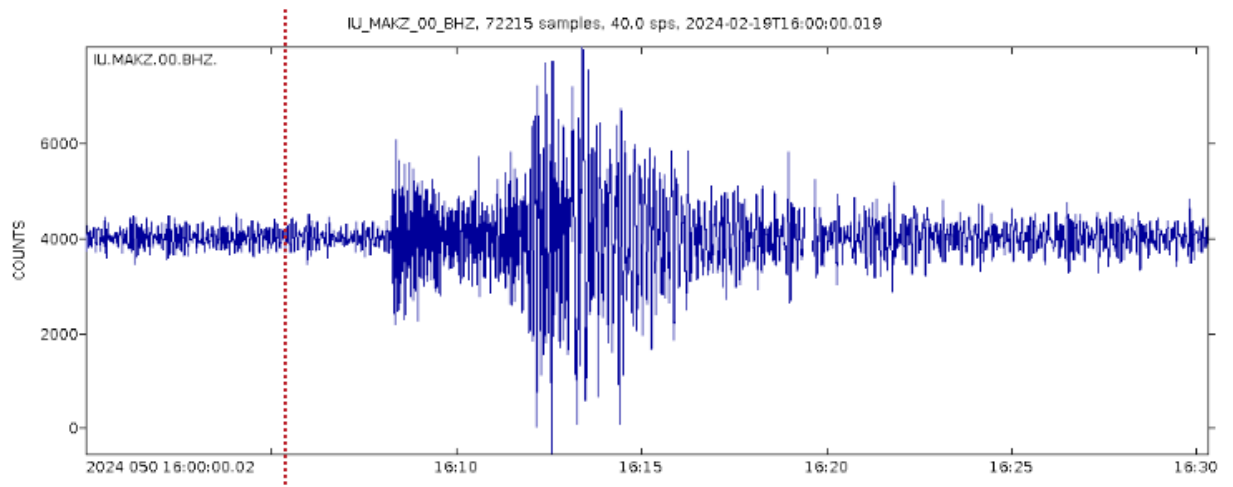
Located at the foot of Himalayas, the region has been tectonically very eventful. The causative factor of major tectonic activity is the collision of the Indian Plate against the Eurasian Plate.



A Mag. 7.6 earthquake took place 22 km northeast of Muzaffarabad, Azad Kashmir, Pakistan, on Oct 8, 2005, eighteen years ago.

## SEISMOGRAM

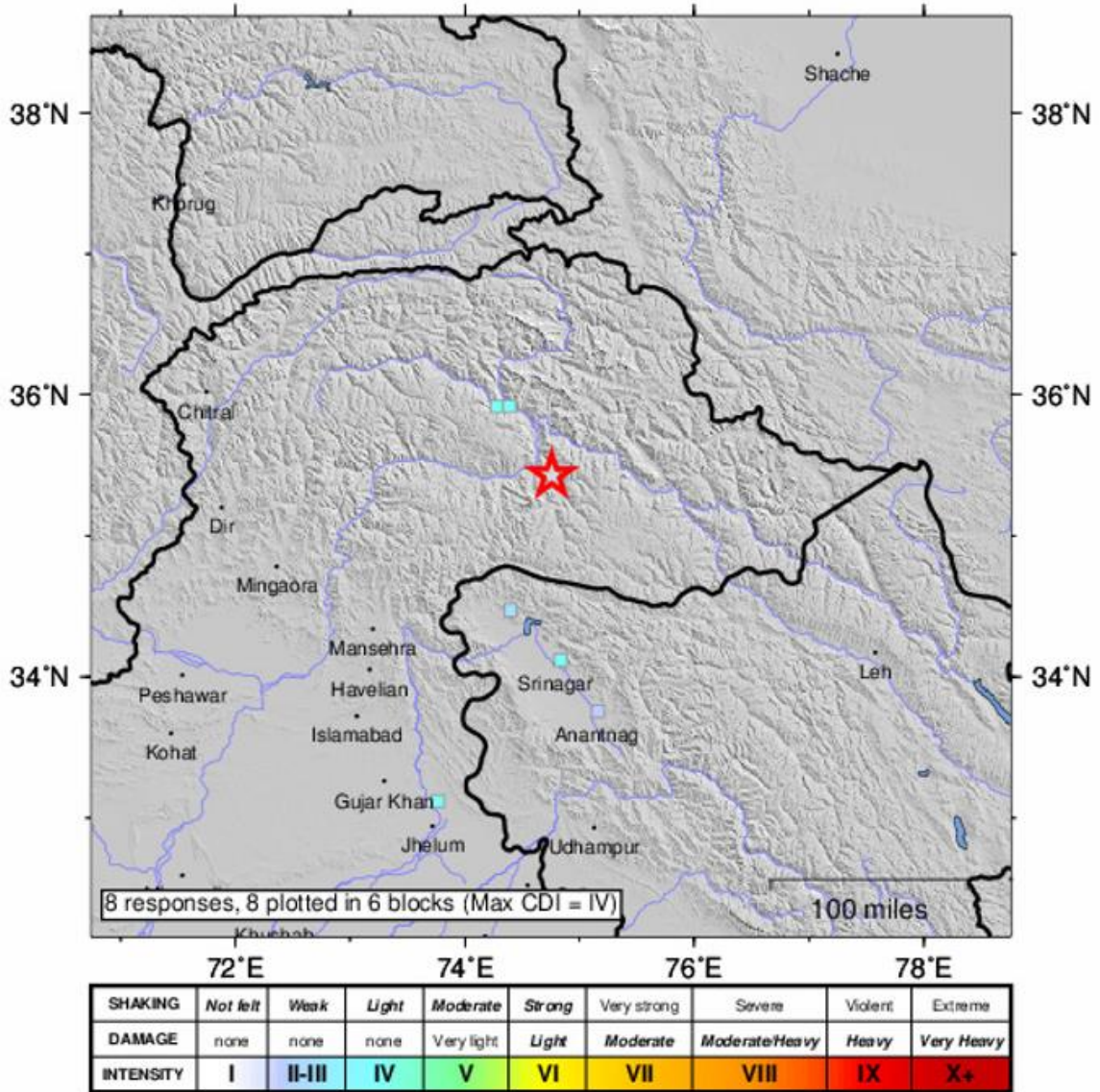
Following is a seismogram of the earthquake:



## INTENSITY

Based on initial reports, no significant damage is to be expected. However, vibration must have been felt by many people in Gilgit, which is around 67 km away; and Sakardu, which is around 74 km away. These areas have populations of 10,400 and 2,100, respectively. Other areas in Pakistan and India are also reported to have felt vibrations.

Following is the intensity map of the event:



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