

Special Earthquake Bulletin

Earthquake Shakes the Indo-Pak Region



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An earthquake shook the Indo-Pak region on 13th June, 2023 at 08:03:40 (UTC), or at around 1:03 PKT. The epicentre was 21 km NE of Bhadarwā, Eastern Jammu Kashmir, India, 33.096°N 75.896°E.

The tremors were felt in many parts of the effected area as occupants ran out of buildings, both in India and Pakistan. The time was office and business hours and people were generally at their work places.

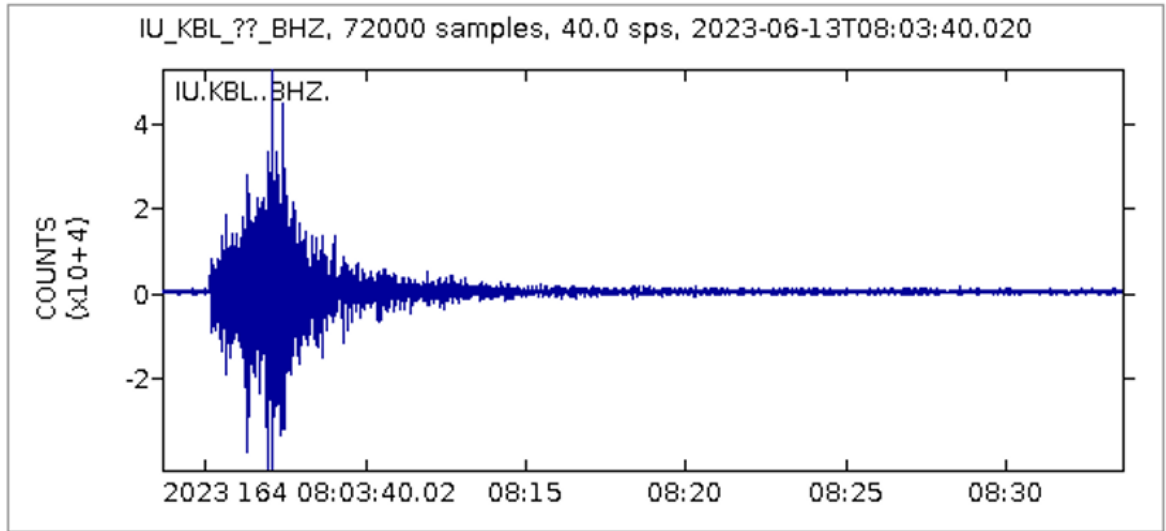
The event was a stark reminder that the people of this part of the world live over a seismically active geology. Despite sporadic reminders for designing and constructing structures for withstanding the expected ground-shaking, the response is perfunctory as code enforcement remains the biggest challenge. The reasons behind this range from belief-sets to outright corruption on the part of government officials.

Key Technical Details

The event was rated at M_{ww} 5.0, a magnitude considered moderate. The source was estimated to be $10 (\pm 1.8)$ km in depth, which depth is considered shallow.

Waveform

Following is 1 hour of waveform, as recorded by one of the stations:



Nearby Places

Following is a list of some of the nearby places close to the epicentre:

Sr. No.	Area			Distance		Direction	Population
	Location	Region	Country	km	mi		
1	Bhadarwāh	Jammu and Kashmir	India	21.1	13.1	SW	13,429
2	Kishtwār	Jammu and Kashmir	India	27.0	16.8	N-NW	20,553
3	Doda	Jammu and Kashmir	India	33.0	20.5	W	17,748
4	Chamba	Himachal Pradesh	India	63.9	39.7	S-SE	21,502
5	Jammu	Jammu and Kashmir	India	104.6	65.0	W-SW	465,567



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PSCE Newsletter



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