

Earthquake analysis results at the Iraq-Iran border

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Recently, many earthquakes hit northern Iraq. More than 600 earthquakes in the northeast of the country were reported by the Iraqi Meteorological Organization and Seismology. The rocky nature of the Iraq-Iran and the Iraq-Turkish borders caused Iraq to be situated within seismic activity zones. The Arab plate is thinner compared to the Iran plate. Therefore, earthquakes are more effective and have a noticeable effect to states that are situated to the north and northeast of Iraq. The tectonic plate moves toward the Iranian and Turkish plate which makes the north and northeast of the plate experience many earthquakes.

This research includes the analysis of four events.