

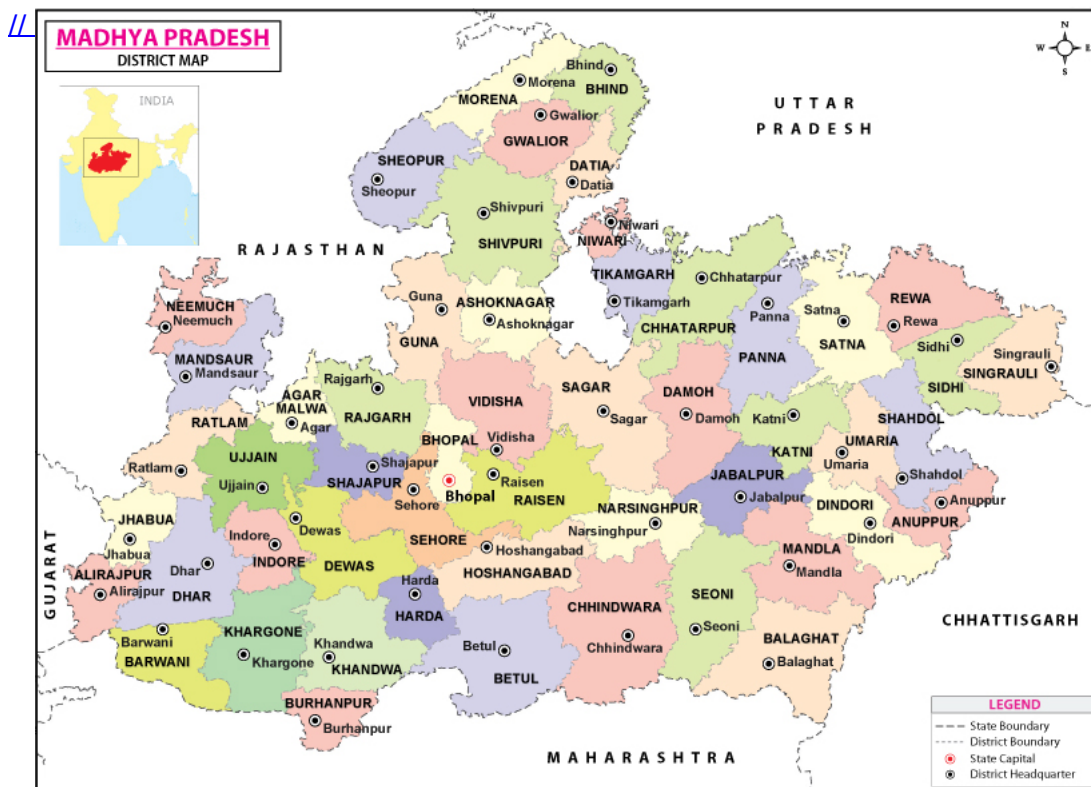


Mild Earthquake Strikes Singrauli | Madhya Pradesh | 14 Feb 2024

Why in News?

Recently, a mild earthquake struck the region of [Singrauli](#) in [Madhya Pradesh](#).

- **Singrauli** is known for its [coal mines](#) and [power plants](#).



Key Points

- According to the [National Center for Seismology](#), the earthquake's epicenter is located at a depth of **5 kilometers** beneath the earth's surface.
 - **Magnitude:** 3.5
 - **Latitude:** 24.55
 - **Longitude:** 82.78

- **Earthquake:** An earthquake in simple words is the **shaking of the earth**. It is a natural event. It is caused due to **release of energy**, which generates waves that travel in all directions.
- **Epicenter:** The point on the surface, **nearest to the focus**, is called **epicenter**. It is the first one to experience the waves. It is a **point directly above the focus**.
- **Focus:** The point where the energy is released is called the **focus** of an **earthquake**, alternatively, it is called the **hypocentre**. The energy waves traveling in different directions reach the surface.
- **National Center for Seismology (NCS):** It works under the Ministry of Earth Sciences. It is the nodal agency of the Government of India for **monitoring of earthquake activity in the**

country.

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