

Koyna Dam

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About Koyna Dam

- Location: It is one of the largest dams in the state of Maharashtra and is located at Koyna Nagar in Satara district.
- It is a rubble-concrete dam constructed on the Koyna River.
- The construction of this dam was completed in 1963 and is amongst the chief civil engineering projects built after the independence of India.
- The main purpose of dam is hydroelectricity with some irrigation in neighboring areas.
- Koyna Hydroelectric Project is the largest completed hydroelectric power plant in India, with a total installed capacity of 1,920 MW.
- The catchment area of the Koyna Dam blocks up the Koyna River and creates the Shivsagar Lake, which is roughly 50 km long.

- The dam plays a vital role in flood control during monsoon season.

Key Facts about Koyna River

- It is a tributary of the Krishna River in the western part of Maharashtra.
 - Origin: It rises near Mahabaleshwar, a famous hill station in the Western Ghats.
 - The river is just 100 meters wide and flows slowly.
 - Unlike most of the other rivers in Maharashtra, which flow East-West direction, the Koyna River flows in North-South direction.
 - The river merges with the Krishna River at Karad in the Satara district of Maharashtra.
 - Due to its electricity-generating potential through the Koyna Hydroelectric Project, Koyna River is known as the Life Line of Maharashtra.
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Q1) Which are the main tributaries of Krishna River?

The principal tributaries joining Krishna are the Ghataprabha, the Malaprabha, the Bhima, the Tungabhadra and the Musi.

Source: [Koyna dam authorities propose water cuts for irrigation, power generation](#)

Source: <https://vajiramandravi.com/current-affairs/koyna-dam/>

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