

Tamil Nadu Dams: Expert Panels to Assess Safety

Eighty-six dams in Tamil Nadu, including Mettur and Vaigai, will undergo safety assessments by expert panels by December 2026.

This initiative involves a comprehensive safety assessment of major dams and reservoirs across Tamil Nadu to ensure their structural integrity and operational safety.

KEY EXAM POINTS

- **Eighty-six** dams in **Tamil Nadu** are slated for **safety assessments**.
- **Independent panels of experts** will conduct these evaluations.
- The first comprehensive **dam safety assessment** is due by **December 30, 2026**.
- Prominent dams under scrutiny include **Mettur**, **Vaigai**, **Bhavanisagar**, and **Amaravathy**.
- Experts will specifically examine **19 dams** for **safety**, design, **seismology**, hydro mechanics, geology, hydrology, and instrumentation.

STATICS & SYLLABUS FOCUS

The **Mettur Dam**, also known as **Stanley Reservoir**, was completed in **1934** across the **Kaveri River** in **Salem district**.

The **Vaigai Dam**, completed in **1959**, is built across the **Vaigai River** near Andipatti in **Theni district**.

The **Bhavanisagar Dam**, located in **Erode district**, is the **second-largest dam** in **Tamil Nadu**.

The **Amaravathy Dam**, completed in **1957**, is built across the **Amaravathy River** in **Tiruppur district**.

The **Dam Safety Act** was enacted in **2021** by the **Union Government** for the surveillance, inspection, operation, and maintenance of specified dams.

The **National Dam Safety Authority (NDSA)** was established under the **Dam Safety Act, 2021**, to implement its provisions.

Tamil Nadu's major rivers include **Kaveri**, **Vaigai**, **Bhavani**, and **Amaravathy**, which are crucial for irrigation and drinking water.

REVISION FLASHCARD

86 Tamil Nadu dams, including Mettur and Vaigai, to undergo safety assessment by December 2026.

Syllabus Relevance: High

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