



KAMARAJ IAS ACADEMY
Only IAS Academy by Grandson of "Perunthalaivar Kamarajar"

MAP OF THE DAY 27-02-26

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Kamaraj IAS Academy

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KAMARAJ IAS ACADEMY

MAP OF THE DAY WORLD

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Friday, 27 February 2026



Baihetan Dam

- **Baihetan Dam** is constructed on the **Jinsha River**, the upper course of the Yangtze, between Sichuan and Yunnan provinces in southwest China.
- The structure is a **double-curvature arch dam** with a height of **289 meters**.
- The dam has a **crest elevation of 827 meters** above sea level.
- The base width measures **72 meters**, while the crest width is **13 meters**.
- It is regarded as China's last mega hydropower project after the **Three Gorges Dam** era.
- The plant ranks as the **second-largest hydropower station**
- The power station contains **16 hydro-generating units**, each rated at **1,000 MW**.
- The total installed capacity equals **16,000 MW (16 GW)**.
- The dam forms part of the **world's largest clean energy corridor** along the Jinsha–Yangtze system.
- It operates in coordination with **Three Gorges Dam, Wudongde Dam, Xiluodu Dam, and Xiangjiaba Dam**.
- The corridor transfers renewable electricity from **western China** to energy-demanding **eastern cities**.
- Initial site survey at **Qiaojia**
- with Chinese and Czechoslovak experts.
- The project stalled after the **Sino-Soviet split (1962)** and during the Cultural Revolution.
- Geological investigations resumed in **1992**.
- Formal project approval was granted in **2008**.
- River closure of the Jinsha occurred in **November 2014**.
- Main dam construction officially began on **3 August 2017**.
- The first 1,000 MW turbine runner was completed in **January 2019**.

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MAP OF THE DAY BHARAT

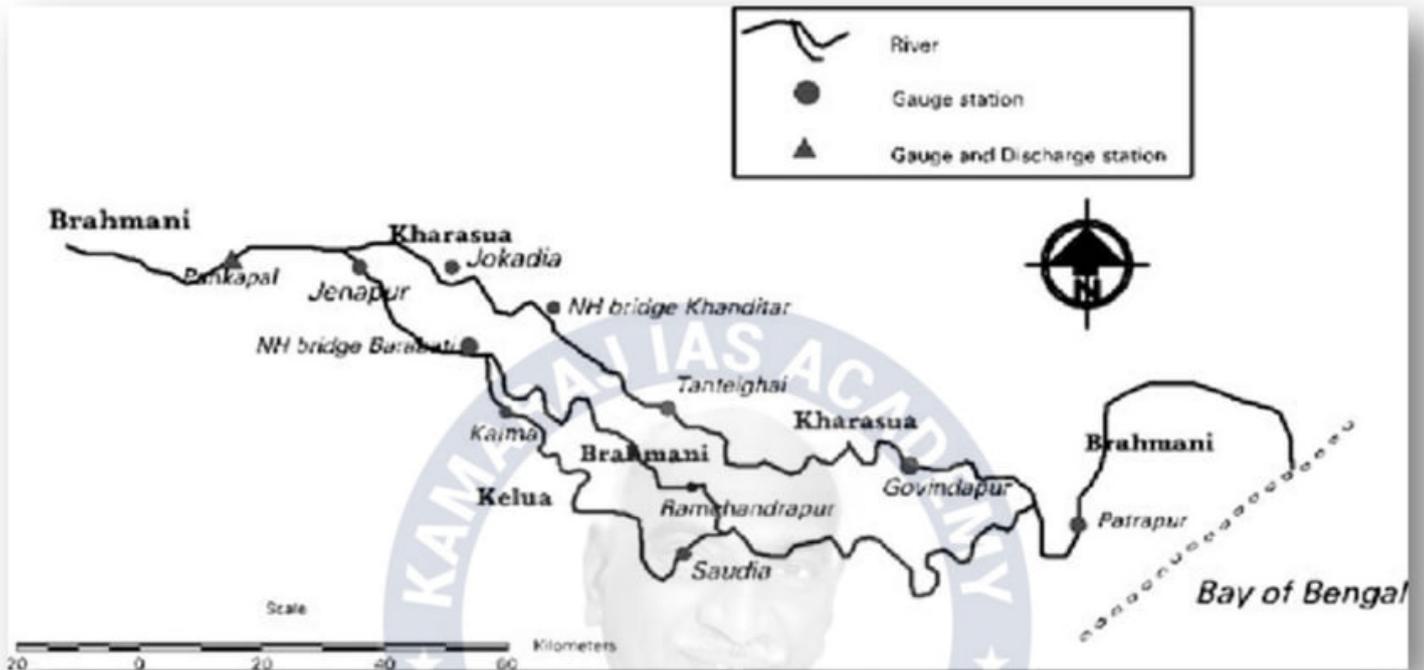
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Brahmani Delta

- **Brahmani Delta** is formed by the confluence of **Brahmani, Baitarani, and Mahanadi rivers** before entering the **Bay of Bengal** at **Dhamra/Palmyras Point**.
- The delta lies in **Kendrapara** and adjacent districts of **Odisha**.
- It is a **complex composite delta**, not formed by a single river alone.
- **Sediment deposition** from Brahmani, Baitarani, and Mahanadi creates **fertile alluvial soil**.
- The delta is part of **National Waterway 5 (NW-5)** for transport of coal and goods.
- The delta hosts **Bhitarkanika** mangroves, India's **second-largest mangrove ecosystem** after the **Sundarbans**.
- **Bhitarkanika National Park** in the delta is a **Ramsar Wetland Site**.
- It supports the **largest population of Saltwater Crocodiles (Crocodylus porosus)** globally.
- **Gahirmatha Beach**, part of the deltaic coast, is the **largest nesting site for Olive Ridley Turtles (Arribada)**.
- **Rengali Dam** upstream aids **irrigation and hydroelectric power**, indirectly benefiting delta agriculture.
- Fertile lands in the delta support **rice cultivation and fisheries**.
- The delta forms part of Odisha's **industrial logistics network**, connecting **Talcher coalfields** to **Dhamra and Paradeep ports**.
- The **Brahmani Delta** is among the **fastest-sinking deltas** in the world (77% area subsiding >5 mm/year).
- **Upstream dams** like Rengali reduce **sediment flow**, aggravating subsidence.
- The delta acts as a **critical flood buffer**, absorbing excess water from Brahmani, Baitarani, and Mahanadi.
- It supports **traditional fishing communities** and **eco-tourism** in Bhitarkanika.

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