



# Tapti Basin Mega Recharge Project

## Why in News?

**Madhya Pradesh** and **Maharashtra** have signed a Memorandum of Understanding (MoU) to jointly implement the [Tapti Basin Mega Recharge Project](#) .

## Key Points

- **About the project:**
  - This is the world's largest [groundwater recharge scheme](#) , which aims to ensure optimal utilization of river water resources for irrigation in both (Madhya Pradesh and Maharashtra) states.
  - Under this , Madhya Pradesh and Maharashtra will jointly develop three tributaries of the Tapti River originating from Multai, Madhya Pradesh.
  - This **is the third major inter-state river project** involving Madhya Pradesh after [Ken-Betwa Link Project](#) (Madhya Pradesh and Uttar Pradesh) and [Parvati-Kalisindh-Chambal Link Project](#) ( Madhya Pradesh and Rajasthan).
- **Key Features:**
  - **Water Allocation:** Under this project, water will be transferred from the Tapti River to provide drinking water supply to **north-eastern Maharashtra** and for irrigation support in **southern and south-eastern Madhya Pradesh** .
    - The total water available for use **is 31.13 thousand million cubic feet (TMC)** , out of which **11.76 TMC is allocated to Madhya Pradesh** and **19.36 TMC to Maharashtra**
    - The project **involves construction of a diversion weir on the Madhya Pradesh-Maharashtra border and development of right and left bank canals in both the states.**
    - **Under** this project, 3,362 hectares of land of Madhya Pradesh will be used, for which no displacement or rehabilitation will be required.
  - **Beneficiary Districts:** The project **covers Burhanpur and Khandwa districts of Madhya Pradesh and Akola, Amravati and Buldhana districts of Maharashtra** , which have traditionally suffered from **groundwater stress** and **erratic rainfall** .

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## Tapi/Tapti River:

- Another important west-flowing river originates from the [Satpura mountain range in Betul district of Madhya Pradesh](#).
- It flows in a fault valley parallel to the Narmada but its length is much shorter.
- Its basin covers parts of Madhya Pradesh, Gujarat and Maharashtra.
- **The three major tributaries** of the Tapi River —**the Purna, Girna, and Panjara** —flow from the south in the state of Maharashtra.

**Ukai Dam:** A major [hydroelectric project](#) located on the Tapi River , which provides water and power to the surrounding areas.

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