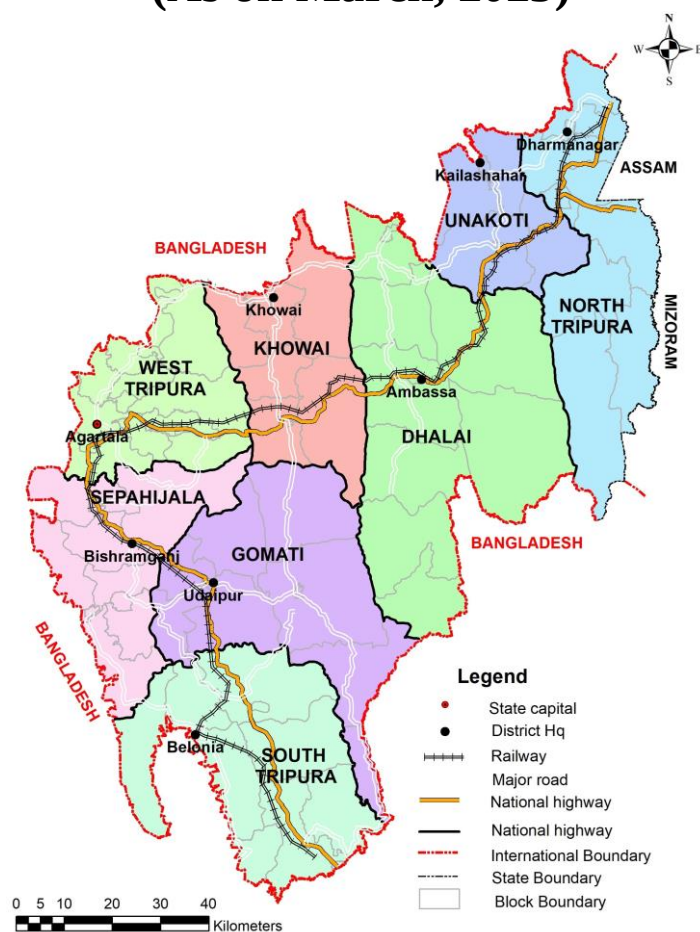




DYNAMIC GROUND WATER RESOURCES OF TRIPURA (As on March, 2023)



**CENTRAL GROUND WATER BOARD
STATE UNIT OFFICE, AGARTALA
October, 2023**

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अक्टूबर, 2023**



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TRIPURA
(As on March, 2023)**

Prepared by
**CENTRAL GROUND WATER BOARD
STATE UNIT OFFICE, AGARTALA**

&

**PWD (WATER RESOURCES),
GOVERNMENT OF TRIPURA**

October, 2023

PREFACE

Tripura is a picturesque state in the north-eastern region of the country. The state is acceded to the Indian Union in 1949 and is bounded on the north, west, south & southeast by the international boundary of Bangladesh. Shallow tube wells with small command area is most suitable in the state.

For a scientific planning and judicious development of dynamic ground water resource potential of the state, estimation of ground water resource has been done based on the latest methodology as recommended by Ground Water Resource Estimation Committee-2015 (GEC-2015) and duly approved by Govt. of India. The estimation of groundwater resource has been done on block wise basis.

The report on dynamic Ground water resource potential has been assessed based on the field data generated by Central Ground Water Board and statistical information collected from other State Departments. The annual ground water recharge, total extractable groundwater resource and total extraction on irrigation and domestic uses, etc, have been estimated for the state. The report also highlights on the net annual ground water availability for future use.

The total annual ground water recharge in the state of Tripura is 1.36 BCM. The Annual Extractable Ground Water Resources of the state is 1.09 BCM after deducting the natural discharge. Present Ground Water Extraction is 0.11 BCM out of which 0.025 BCM extraction is on account of irrigation and the annual domestic extraction is 0.08 BCM. The annual allocation for Domestic and Industrial uses has been made as 0.08 BCM based upon the population data projected up to year 2025. The over-all stage of ground water development of the state is 9.92%.

I strongly believe that the report with its technical data will help in understanding present ground water scenario in Tripura State and prove valuable to policy makers, technical experts, professionals and user agencies for management of ground water development in the state in planned manner.



(Biplab Ray)

REGIONAL DIRECTOR /HOO

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