



KAMARAJ IAS ACADEMY
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Dynamic Groundwater Resource Assessment Report, 2025

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Why in news: The Ministry of Jal Shakti released the **Dynamic Groundwater Resource Assessment Report, 2025** to evaluate the availability, utilisation and sustainability of groundwater resources across India, a critical input for water security and agricultural planning.

About the Report

Prepared by:

o **Central Ground Water Board (CGWB)**

o In coordination with **State and Union Territory governments**

Objective:

1 To provide a scientific, periodic assessment of groundwater recharge and extraction

2 To guide **policy formulation, regulation and sustainable groundwater management**

Key Highlights (2025 Assessment)

Groundwater Availability

1 **Total Annual Groundwater Recharge:**

o **448.52 BCM** (marginal increase from 446.9 BCM in 2024)

o Indicates slight improvement due to rainfall patterns and recharge interventions

2 **Annual Extractable Groundwater Resources:**

o **407.75 BCM** (up from 406.19 BCM in 2024)

Groundwater Use Pattern

1 **Total Annual Groundwater Extraction:**

o **247.22 BCM**

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2Stage of Groundwater Extraction (SoE):

o**60.63%**

o($SoE = \text{Ratio of total groundwater extraction to extractable groundwater resources}$)

oReflects **moderate national stress**, but masks sharp regional disparities