

**CURRENT STATUS OF RESERVOIR LEVELS IN INDIA - GEOGRAPHY**

**NEWS:** The water storage level in India's 155 major reservoirs has dropped to 82% of their total capacity, equivalent to 147.942 billion cubic metres (BCM) of the total 180.852 BCM.

- **Reservoirs Below 50% Capacity:** Out of the 155 reservoirs, 18 have seen water levels decline to below 50% of their capacity.

**WHAT'S IN THE NEWS?****Impact of Deficient Post-Monsoon Rainfall**

- **Rainfall Deficiency:** Post-monsoon rainfall (October 1 to November 28) has been 14% below normal.
- **District-Wise Rainfall Data:** According to the India Meteorological Department (IMD), 66% of India's 720 districts experienced deficient or no rainfall during this period.

**Regional Water Storage Analysis**

- **Northern Region:**
  - **Overall Storage:** The region's 11 reservoirs have 57% of their capacity filled, storing 11.382 BCM out of a total 19.836 BCM capacity.
  - **State-Wise Levels:**
    - Punjab: Levels are low (specific percentages not provided).
    - Himachal Pradesh: 50% of capacity.
    - Rajasthan: Higher storage at 89% of capacity.
- **Eastern Region:**
  - **Overall Storage:** The 25 reservoirs in the region are at 72% of their total capacity of 20.798 BCM, storing 14.926 BCM.
  - **State-Specific Data:**
    - Tripura: Reservoir filled to 91% of capacity.
    - West Bengal: 74% of capacity.
    - Jharkhand: 76% of capacity.
- **Western Region:**
  - **Overall Storage:** The 50 reservoirs hold 93% of their total capacity of 37.357 BCM, storing 34.885 BCM.
  - **State-Specific Levels:**
    - Goa: Sole reservoir filled to 100%.
    - Maharashtra: 95% of capacity.



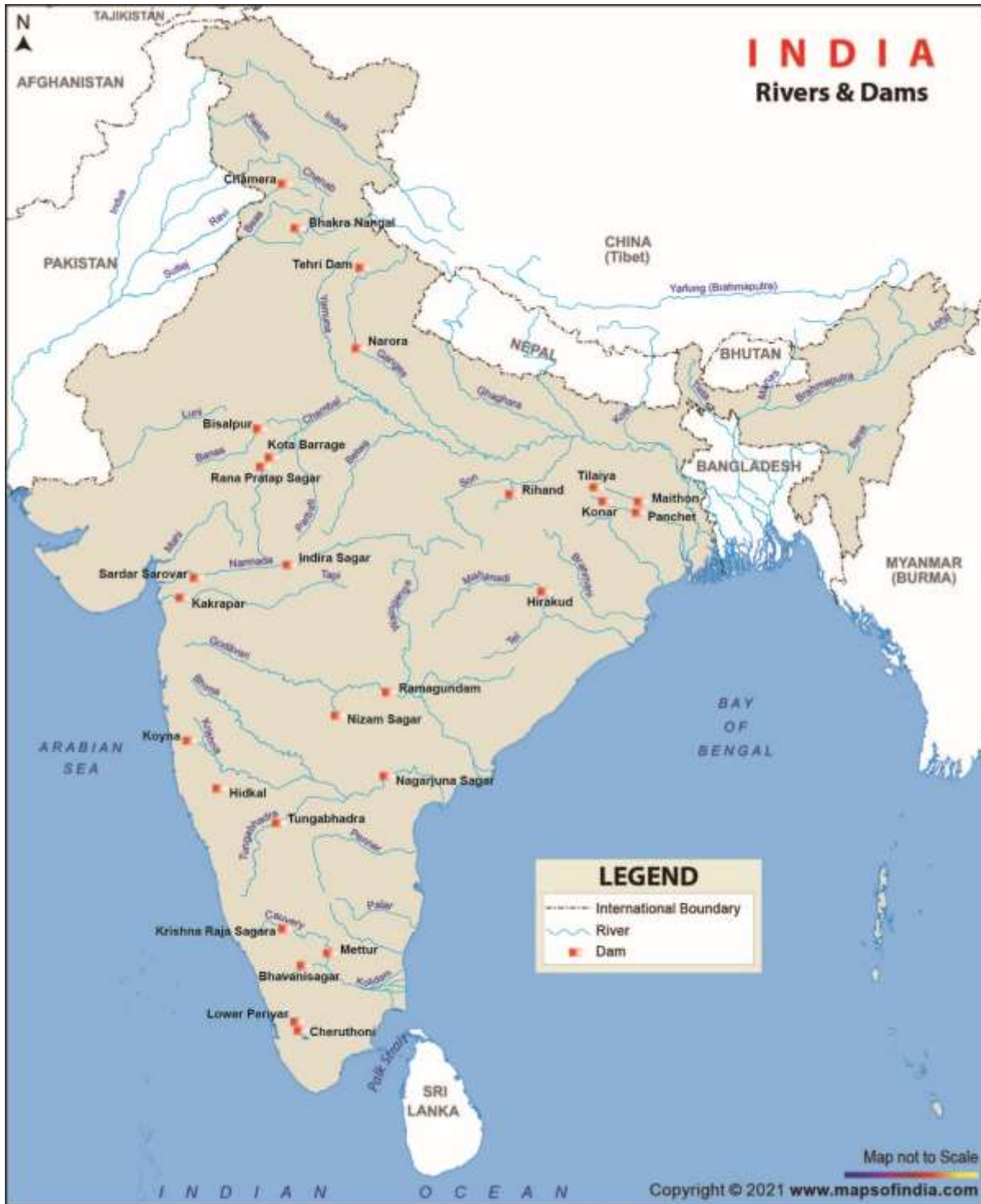
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- Gujarat: 91% of capacity.
- **Central Region:**
  - **Overall Storage:** Reservoirs in this region are filled to 40.849 BCM of their total capacity of 44.227 BCM, which is 92%.
  - **Key State Levels:**
    - Madhya Pradesh: 91% of capacity.
    - Uttarakhand: 88% of capacity.



- Uttar Pradesh: 66% of capacity.
- Chhattisgarh: 69% of capacity.

• **Southern Region:**

- **Overall Storage:** The region's 43 reservoirs have 84% of their total capacity of 54.634 BCM, storing 45.901 BCM.
- **State-Specific Levels:**



- Telangana: 99% of capacity.
- Andhra Pradesh: 80% of capacity.
- Karnataka: 86% of capacity.
- Tamil Nadu: 86% of capacity.
- Kerala: 75% of capacity.

### Regional Comparison of Reservoir Levels

- **Lower Storage in Northern Region:** Compared to both last year's levels and the 10-year average, the northern region has shown a more significant decline in water storage.
- **Higher Storage in Other Regions:** The remaining four regions (Eastern, Western, Central, and Southern) are witnessing better reservoir levels compared to historical averages.

### Outlook for the Rabi Season

- **Positive Prospects:** Despite the reduced reservoir levels in some regions, the overall outlook for the rabi season remains optimistic due to relatively better storage levels and adequate soil moisture.
- **Supportive Factors:**
  - The majority of regions have sufficient water storage to support rabi crop cultivation.
  - Cyclone Fengal's impact is expected to bring heavy rainfall in Tamil Nadu and Andhra Pradesh, further improving the situation.

### Cyclone Impact and Expected Improvement

- **Cyclone Fengal:** Heavy rainfall due to Cyclone Fengal is anticipated to bolster reservoir levels, particularly in Tamil Nadu and Andhra Pradesh.
- **Future Improvements:** This rainfall is likely to enhance water availability, benefiting both reservoir storage and agricultural activities.