



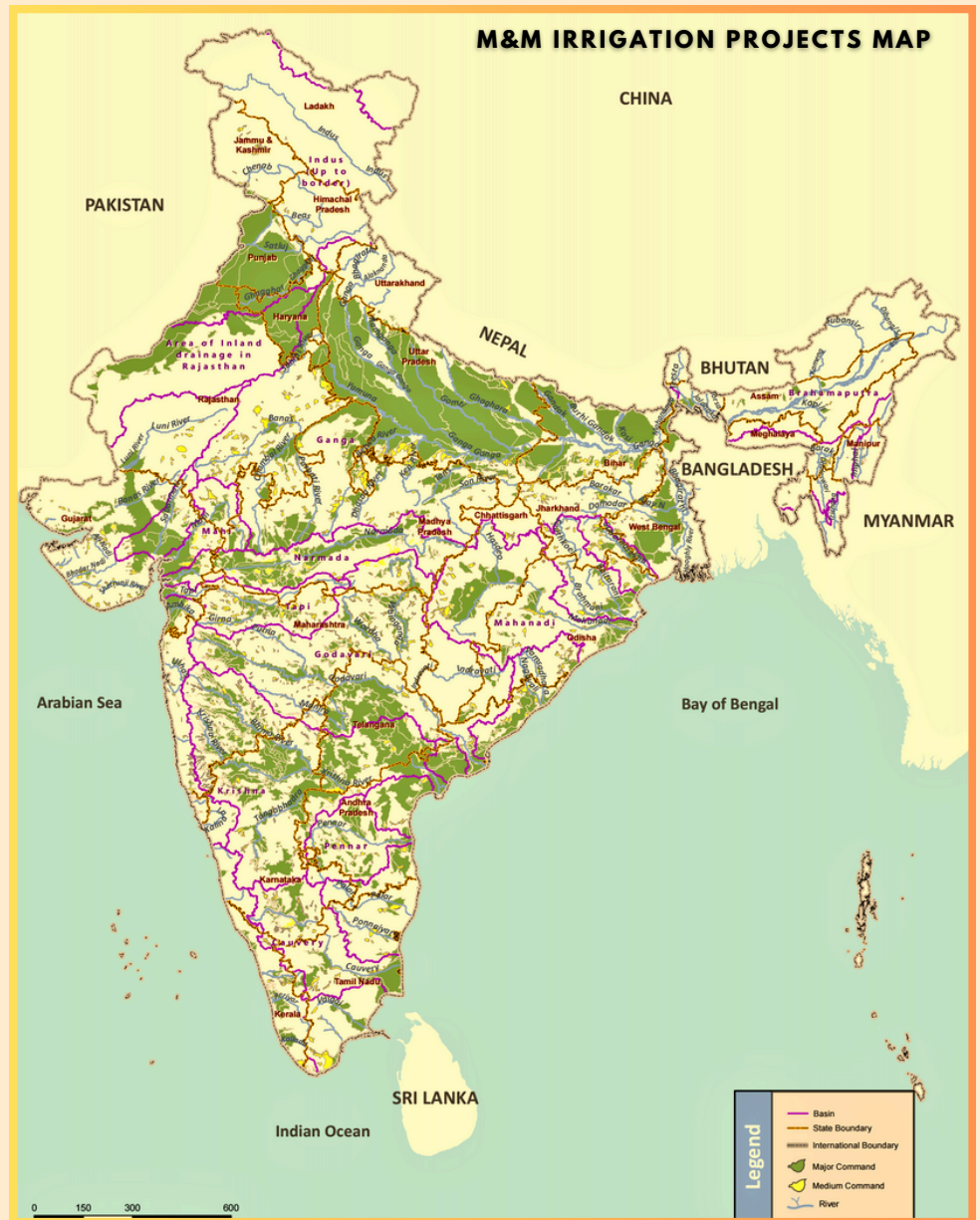
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CONTENTS

PAGE 1

MEETING REGARDING PROJECTS:

- 43rd and 44th meeting of TEC for completing the balance works of North Koel Project, Bihar & Jharkhand
 - Polavaram Irrigation Project, A.P.
-

PAGE 2

TRAINING/WORKSHOP/ CONFERENCE:

- Training Programs organised by NWA, Pune
-

PAGE 3

VISIT OF SITES/PROJECTS:

- Hirakud Dam by CPMU Officials

DAM SAFETY ACT, 2021/ NDSA:

- DRIP-2 Implementation Support Mission and 4th meeting of Technical Committee of DRIP Phase II & III
 - Symposium on Dam Safety Act, 2021: Towards Integrated Dam Safety Management
-

PAGE 4

OTHER IMPORTANT ACTIVITIES:

- Negotiation Committee on Pennaiyar River Water Dispute
- Joint Technical Team for distribution of water between Bihar and Jharkhand
- 39th Meeting of the National Committee on Seismic Design Parameters (NCSDP)

PAGE 5

OTHER IMPORTANT ACTIVITIES:

- Discussion on the status of DPR of "Lift Irrigation Scheme and Tapi Barrage Project"
 - Discussion on the progress of PSPs under S&I
 - Launch of Web Based Reservoir Storage Monitoring System Portal on Live Storage Capacity
-

PAGE 6

RESERVOIR MONITORING

PAGE 7

INTERNATIONAL WOMEN'S DAY

PAGE 8

80TH FOUNDATION DAY OF CWC

PAGE 9

SENIORS' TALK



Site: Chandpur Dabra GD on Sindh River, Sindh Betwa Sub-division, Jhansi Lower Yamuna Division, Agra YBO, New Delhi

Chairman Message



Shri Atul Jain
Chairman, CWC

This issue is a reflection on the dynamic and eventful months of March and April 2025 for the Central Water Commission.

A key development during this period was the launch of the Web-Based Reservoir Storage Monitoring System (RSMS) by the Hon'ble Union Minister of Jal Shakti. This platform enhances transparency and real-time access to reservoir data for both decision-makers and the public — a major step forward in the digital governance of water resources.

In the month of April, Central Water Commission (CWC) celebrated its legacy with pride, on the occasion of its Foundation Day. On 14th April 2025, the Central Water Commission observed its 80th Foundation Day, which also coincided with the birth anniversary of Dr. B.R. Ambedkar, whose visionary thoughts have shaped many institutions of modern India. The celebration was graced by Smt. Debashree Mukherjee, Secretary (DoWR, RD & GR), and senior dignitaries from national and international agencies. The inauguration of the A.N. Khosla Training Hall, along with thematic sessions on “Water Vision 2047” and Dr. Ambedkar’s contributions to the water sector, made the occasion truly memorable.

In terms of project-related developments, the North Koel Reservoir Project and Polavaram Irrigation Project saw constructive deliberations in several high-level meetings Chaired by senior CWC officers. Important decisions were taken regarding tendering, quality control, and design improvements. Additionally, notable progress was made in the domain of seismic safety through meetings of the NCSDP and ongoing coordination with institutions like IIT Roorkee and NGRI, further strengthening dam safety efforts.

In a noteworthy expansion, five additional reservoirs — Tuirial, Umiam, Sikasar, Sondur, and Karayar — have been included in the reservoir monitoring network, bringing the total to 161 reservoirs. This increased coverage will strengthen our capacity to monitor, assess, and advise on reservoir storage across diverse hydrological zones, enabling better planning and timely advisories.

The Commission also celebrated International Women’s Day 2025 with great enthusiasm on 6th and 7th March, themed “Accelerate Action for Women’s Equality.” The events featured creative competitions, a wellness camp, a talk on women’s health, a self-defence demonstration by Delhi Police, and an empowering workshop. These celebrations reaffirmed our commitment to fostering an inclusive, safe, and progressive work environment, especially for women employees.

As we continue our collective mission of managing and conserving water resources, I thank all officers and staff for their dedicated efforts. Together, let us move forward with resilience, innovation, and integrity.

A handwritten signature in blue ink, reading "Atul Jain", with a horizontal line underneath.

Meetings Regarding Projects

43rd and 44th meeting of TEC for completing the balance works of North Koel Project, Bihar & Jharkhand



The 43rd and 44th meeting of the Technical Evaluation Committee (TEC) for completing the balance works of North Koel Reservoir Project (NKRP) was held on 05.03.2025 and 15.04.2025 respectively, at CWC, New Delhi under the Chairmanship of Member (WP&P), CWC and Chairman (TEC), NKRP. The officers from DoWR, CWC HQ & field units, State Governments of Bihar, Jharkhand and WAPCOS participated in the meetings.

There was discussion on important agenda items such as status of land acquisition by the State Govt. of Bihar, Status of progress of various components of the balance works of the project by M/s WAPCOS, Status of tender for the work of "Lining, Repair and Construction of RMC and its

structures from RD 68.37 Km to RD 75.39 Km (Package-7) in Bihar, Status of tender for the work "Earthwork, Repair, & Construction of Distribution Network (09 Nos. Minors) of Right Main Canal, Jharkhand, and its structures", Status of tender document for the works of the construction of distribution system off taking from RMC in Bihar etc.

Polavaram Irrigation Project, Andhra Pradesh

A meeting was held under the Chairmanship of Member (D&R), Central Water Commission (CWC) on 17th April 2025 at CWC, New Delhi to discuss issues related to Polavaram Irrigation Project, Andhra Pradesh with the officials of CWC, Central Soil & Material Research Station (CSMRS) & Polavaram Project Authority (PPA).

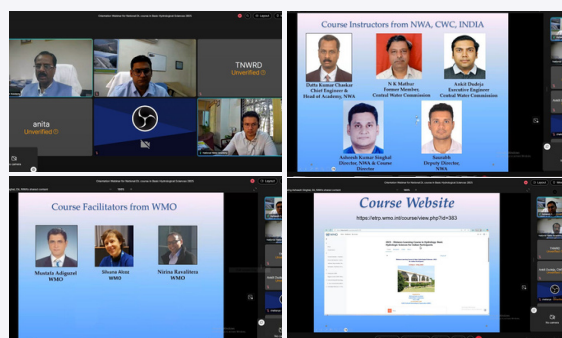
In this meeting Member (D&R) provided a brief overview of the agenda. A gist of the discussions held, and decisions taken during the meeting are summarized below.

- I. Diaphragm Wall (D-Wall)
- II. Main EFRC Dam in Gap-I design
- III. Quality Assurance in project construction
- IV. Ground Improvements (DSM) in Gap II Clay Portion.



Training/Workshop/Conference

| SI No. | Name of Training | Durations | No. of participants | Objective |
|--------|---|-----------|---------------------|--|
| 1 | Conventional Flood Forecasting | 05 days | 55 | To strengthen technical skills in conventional flood forecasting methods and enhance operational capabilities in flood management. |
| 2 | Overview of Water Resources and its Management | 05 days | 25 | For newly recruited Officers of the Central Ground Water Board (CGWB) |
| 3 | International training program on "Planning and Designing of Water Efficient Irrigation Systems" | 03 Weeks | 09 | Knowledge-sharing and capacity-building |
| 4 | National Distance Learning Course in Basic Hydrological Sciences (2025) in collaboration with the World Meteorological Organization (WMO) | 07 Weeks | 130 | To enhance the capabilities of hydrologists and hydrological forecasters working with hydro-meteorological data. |
| 5 | Mandatory Induction Training Program for Newly Recruited Multi-Tasking Staff of CWC | 02 week | 39 | Cadre Training |
| 6 | Training-cum-Workshop on Disaster Management for NCC Cadets of the 2nd Maharashtra Battalion Pune | One Day | 44 | Equip the cadets with essential disaster response capabilities |
| 7 | ET based Irrigation Performance Assessment Tools | 04 Days | 36 | |
| 8 | Exposure Visit-cum-Training Program on Water Resources Management for M. Tech. Students from NERIWALM | 05 Days | 22 | Comprehensive curriculum covering the role and functions of CWC, irrigation water management, application of remote sensing and GIS. |



Hirakud Dam

A visit to Hirakud Dam by Central Project Monitoring Unit (CPMU) Officials took place on 7th & 8th March 2025. During the visit, a deliberated discussion was made on the issue of Additional Spillway of Hirakud dam.



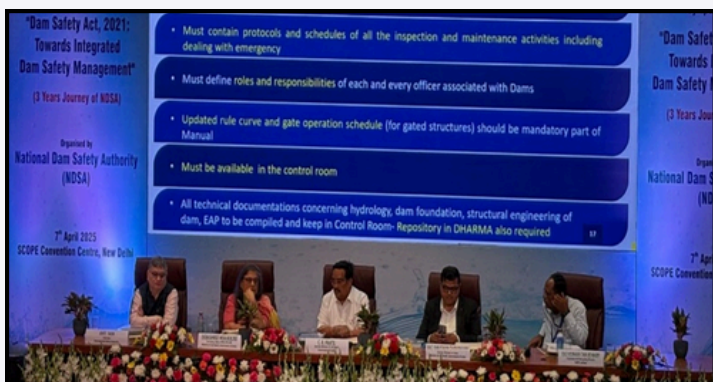
Dam Safety Act, 2021/NDSA

DRIP-2 Implementation Support Mission and 4th meeting of Technical Committee of DRIP Phase II & III at Shillong, Meghalaya



The World Bank Review Mission and meeting of 4th Technical Committee was held at Shillong, Meghalaya during 3rd and 4th March 2025 respectively. Officials from CPMU, World Bank and Implementing Agencies (IAs) of DRIP scheme attended the World Bank Review Mission as well as 4th Technical Committee.

Symposium on Dam Safety Act, 2021: Towards Integrated Dam Safety Management



Hon'ble Union Minister Shri C. R. Patil inaugurated a symposium on "Dam Safety Act, 2021: Towards Integrated Dam Safety Management" organized by NDSA in New Delhi, on 07.04.2025, highlighting the need for stakeholder involvement and a structured approach to dam safety.



He emphasized the Act's role in creating a strong institutional framework and also urged dam owners to adopt global best practices. Key releases included the National Register of Specified Dams-2025, guidelines for ungated dam O&M, and a strategy for eco-friendly tourism. NDSA and state officials discussed implementation challenges, capacity building, and the need for integrated, climate-resilient dam management. Over 250 delegates from 18 states attended the event. Officers from DSR Directorate also attended the Symposium.

Other Important Activities

I. Inter-State Disputes

Negotiation Committee on Pennaiyar River Water Dispute

A meeting was taken by the Secretary, DoWR, RD&GR on 3rd March 2025 through hybrid mode with the representatives of the Basin States to discuss the way forward on the negotiated settlement of Pennaiyar River Water Disputes. The meeting was attended by senior officers of DoWR, RD&GR and CWC. On the stand for constitution of the Tribunal by Tamil Nadu, Secretary, DoWR, RD&GR suggested Tamil Nadu to re-consider their stand for constitution of the Tribunal as adjudication process by the Tribunal may take several years and Tamil Nadu has to wait till that time for resolution of disputes.

Joint Technical Team for distribution of water between Bihar and Jharkhand

An Inter-State meeting of Joint Technical Team (JTT) for distribution of 7.75 MAF of water between Bihar and Jharkhand under the Bansagar agreement, 1973 and to resolve issues related to Indrapuri Reservoir Scheme, Bihar was held on 08.04.2025 at 3:00 PM under the chairpersonship of Secretary DoWR, RD & GR. Officials from Govt. of Bihar, Govt. of Jharkhand and CWC were participated in this meeting. After detailed discussions, Secretary (DoWR, RD & GR), concluded that a committee under the Chairmanship of Chairman, CWC may be formed incorporating the members from Govt. of Bihar and Govt. of Jharkhand. This committee will discuss all the aspects and submit its recommendations to this Department.

II. Other Activities

Launch of Web Based Reservoir Storage Monitoring System Portal on Live Storage Capacity

Central Water Commission monitors Live Storage Capacity of 161 important reservoirs of country and issues weekly bulletin on every Thursday. The total live storage capacity of these reservoirs at FRL is 182.444 BCM which is about 70.77% of the total live storage capacity estimated to have been created in the country. This Bulletin is sent to PMO, Niti Aayog, MoJS, MOP, MOA&FW, IMD,

Disaster Management Authorities and all concerned states as well as uploaded on CWC web site. The storage position is updated every Thursday and Advisories are issued to concerned State Governments in case of (likely) critical situation of storage.

Union Minister of Jal Shakti Shri C.R. Patil launched Web based Reservoir Storage Monitoring System (RSMS) Portal on 03.04.2025 at New Delhi in the presence of State Minister of Jal Shakti Shri Raj Bhushan Choudhary, Smt. Debashree Mukherjee, Secretary, DoWR, RD&GR, Shri Subodh Yadav, Additional Secretary, DoWR, RD&GR and Dr. Mukesh Kumar Sinha, Chairman CWC.

The present system involves manual generation of various Graphs, Charts and Tables etc. for inclusion in the bulletin. However, in the new portal all required data analysis and generating maps, tables, graphs etc. including issuing the final bulletin shall be done automatically by clicking the button(s) once the data is entered in the portal. Also, through this portal, general public can get information about the storage status of any particular reservoir or any state or country as a whole. If required, any person can also download the bulletin from the portal. The first bulletin of Financial Year 2025-26 has been issued with the launch of Web based Reservoir Storage Monitoring System (RSMS) Portal by Union Minister of Jal Shakti on 03.04.2025.



Discussion on sharing seismic data for preparing the Seismic Hazard Mapping of the country in ICED

Shri Bhopal Singh, Member (D&R), CWC chaired the meeting to discuss sharing of seismic data for preparation of Seismic Hazard Mapping of dams in India at International Centre of Excellence for Dams (ICED), IIT Roorkee. The meeting was held through virtual mode as two sessions, one with

Other Important Activities

Northeast Institute of Science and Technology (NEIST) followed by another session with National Geophysical Research Institute (NGRI) in Sewa Bhawan, New Delhi on 20th March 2025. Chief Engineer, DSO along with officers of FE&SA Dte as well as a team from ICED, IIT Roorkee headed by Dr. M.L. Sharma attended both the meetings. Shri V.M. Tiwari and Dr. Bijit Kumar Choudhary of Northeast Institute of Science and Technology (NEIST) attended the meeting during the first meeting at 12.00 pm while Shri R. Vijayaraghavan, Chief Scientist from NGRI attended the meeting during second session at 12.30 pm. Discussions were made regarding data sharing policies and issues regarding data availability for the Seismic hazard Mapping of dams in India.



39th Meeting of the National Committee on Seismic Design Parameters (NCSDP)



Sh. Bhopal Singh, Chairman, NCSDP and Member (D&R), CWC chaired the 39th Meeting of the National Committee on Seismic Design Parameters (NCSDP) at 3rd Floor Committee room in Sewa Bhawan, New Delhi. Esteemed members of NCSDP committee from IIT Roorkee, NCS, CWPRS, NDSA along with non-official members Dr. D.V. Thareja and Dr. I.D. Gupta attended the meeting. Sh. Anil Jain, Chairman, NDSA, Sh. Vivek Tripathi, CE, Design (N&W) and Sh. S.D. Sharma, CE, Design (E&NE) were special invitees in the meeting.

Site specific Seismic study reports of 12 projects were considered in the meeting wherein 9 projects were cleared, and certain comments were issued for other projects. Compliance received from the other three project authorities are under consideration of the committee. Further presentations were done by Dr. I.D. Gupta regarding estimation of Vs30 in site specific seismic study reports followed by presentation of Prof Manish Shrikhande of IIT Roorkee regarding his findings based on studies conducted to analyze the long-term implications of seismic studies done using revised NCSDP guidelines issued in June 2024. Finally, Prof. M.L. Sharma of IIT Roorkee presented Seismic Hazard Analysis Information System (SHAISYS) which is a web based tool being developed by IIT Roorkee for seismic hazard assessment for Peninsular region.

Discussion on the status of DPR of "Lift Irrigation Scheme and Tapi Barrage Project"

A meeting to discuss the status of Detailed Project Report of "Lift Irrigation Scheme and Tapi Barrage Project", Surat, Gujarat under appraisal in CWC (HQ) held on 03.04.2025 in the chamber of Chairman, CWC, New Delhi. Director BCD(NW&S) and Chief Engineer Design(NW&S) attended the meeting.

Later on, 8th April 2025, the final DPR, incorporating all compliance measures, was submitted by Project authority. The civil design component of the DPR was cleared on 9th April 2025.

Discussion on the progress of PSPs under S&I

The Meeting to discuss the progress of Gandikota PSP (1000 MW), Tarali PSP (1500 MW), UP-01 PSP (3660 MW), Saundatti PSP (1600 MW), Kandhaura PSP (1680 MW) and Indira Sagar-Omkareshwar PSP (640 MW), which are under Survey and Investigation (S&I), was held under the chairmanship of Chairperson, CEA alongwith Member (D&R), CWC on 02.04.2025.

The following Pumped Storage Projects of Embankment (NW&S) Dte. were discussed during the meeting.

1). Gandikota PSP (1000 MW) 2). Saundatti PSP (1600 MW)

Pre-DPR Chapter Perusing was Gandikota is cleared to April 2025.

Reservoir Monitoring

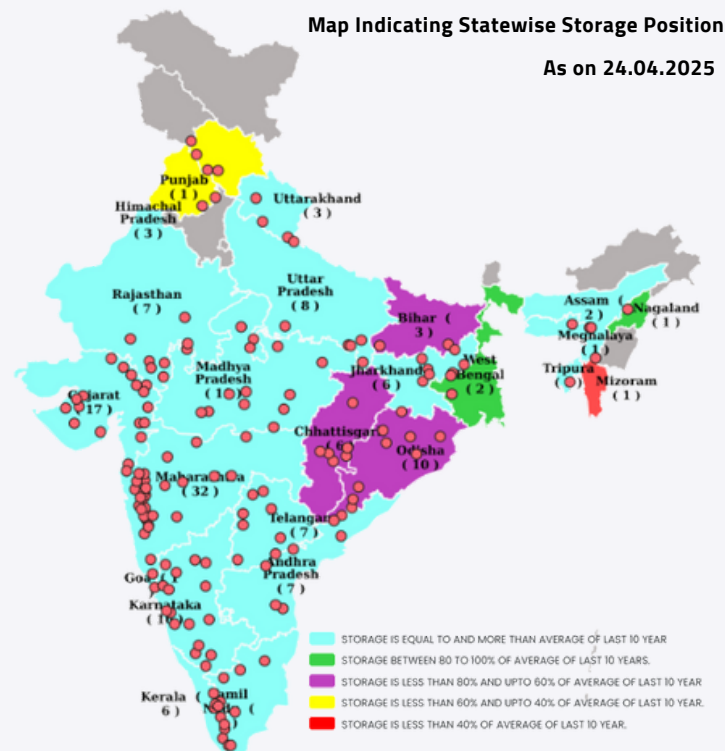
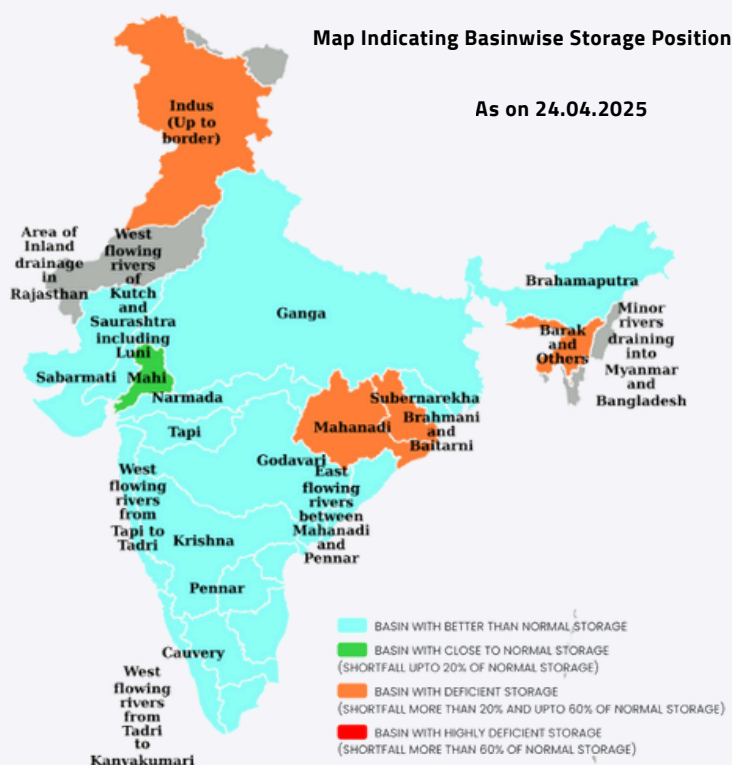
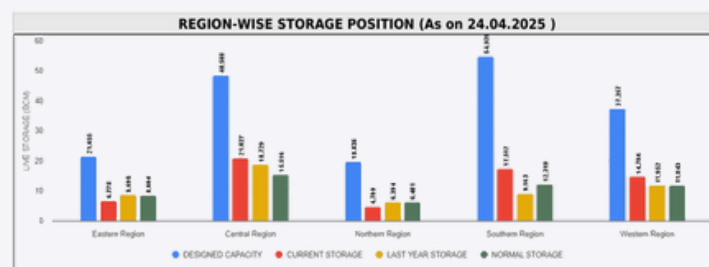
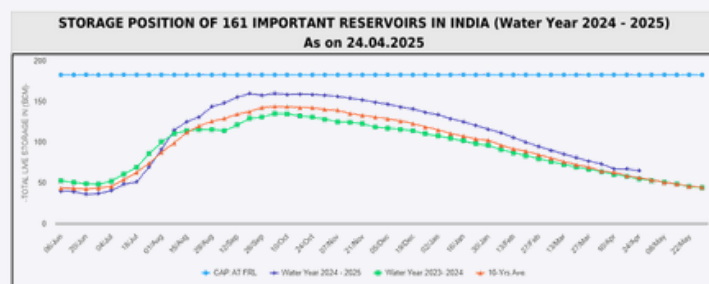
Six more reservoirs, named below have been added in the month of April 2025 in CWC's Reservoir Storage Monitoring System (RSMS).

| Name of Reservoir | State | Live storage Capacity (BCM) |
|-------------------|--------------|-----------------------------|
| Tuirial | Mizoram | 0.142 |
| Umiam | Meghalaya | 0.715 |
| Sikasar | Chhattisgarh | 0.181 |
| Sondur | Chhattisgarh | 0.180 |
| Karayar | Tamilnadu | 0.149 |
| Manimuthur | Tamilnadu | 0.156 |
| Total= | | 1.523 |

Now, Central Water Commission is monitoring live storage status of 161 reservoirs of the country and is issuing weekly bulletin on every Thursday. Out of these reservoirs, 20 reservoirs are of hydro-electric projects having total live storage capacity of 35.299 BCM. The total live storage capacity of 161 reservoirs is 182.375 BCM which is about 70.74% of the live storage capacity of 257.812 BCM which is estimated to have been created in the country.

As per reservoir storage bulletin dated 24.04.2025, live storage available in these

reservoirs is 64.814 BCM, which is 35.54% of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was 54.937 BCM and average of last 10 years live storage was 54.684 BCM. Thus, the live storage available in 161 reservoirs as per 24.04.2025 Bulletin is 117.98% of the live storage of corresponding period of last year and 118.52% of storage of average of last ten years.



International Women's Day

The Central Water Commission celebrated International Women's Day 2025 with great enthusiasm on the theme "Accelerate Action for Women's Equality" on 6th and 7th March. The celebration commenced with Rangoli and Painting competitions, focusing on the theme "Women & Water," which showcased creativity and awareness among participants.

On 7th March, an Ayurveda Health Camp by Vigada Care Foundation provided wellness consultations covering topics like menstrual health, PCOD, mental wellness, and nutrition. A special talk by the foundation emphasized holistic well-being for women. This was followed by an impressive demonstration on self-defence by the Special Police Unit for Women and Children (SPUWAC), Delhi Police, empowering women with basic defence techniques.

The afternoon session included a brainstorming forum for women employees to share insights, experiences, and ideas related to gender equality at the workplace. The celebration concluded with a workshop featuring motivational speeches, cultural performances, and prize distribution, acknowledging the spirit and contribution of women.



80th Foundation Day of CWC

CWC celebrated its 80th Foundation Day on 14th April 2025 which also marked the birth anniversary of Dr. B.R. Ambedkar, a visionary leader who played a pivotal role in the inception and organizational development of present day CWC. The event highlighted the historical background, role and contributions of CWC in water sector of the country.

Ms. Debashree Mukherjee, Secretary (DoWR, RD & GR) graced the occasion as Chief Guest which was also attended by dignitaries from Central or State Govt. Organizations including Dr. Ranbir Singh, Chairman, Brahmaputra Board, Dr Syamal Kumar Sarkar, Distinguished Fellow (TERI), Shri Subodh Yadav, Additional Secretary (DoWR, RD&GR). Senior officials and Dignitaries from several national and international organisation shared their experience about collaboration with CWC through video messages.

A new training hall named after Shri A.N. Khosla who happened to be the first Chairman of CWC (erstwhile CWINC) was inaugurated by Ms. Debashree Mukherjee, Secretary (DoWR, RD & GR).

The thematic sessions covered two significant topics: Dr. B.R. Ambedkar's Contributions to the Water Sector & Water Vision 2047 — with thought-provoking inputs from experts including representatives from the World Bank, ADB.

The day concluded with the felicitation of outstanding officers for significant contribution and JEs for best HO Site, appreciating their commitment to excellence.

The Foundation Day of Central Water Commission was marked with thoughtful reflections, knowledge-sharing, and recognition of excellence in the water sector.



Seniors' Talk

Some Glimpses of 15th and 16th Seniors' Talk



30th April 2025



Central Water Commission

An attached office of Dept. of Water Resources,
River Development and Ganga Rejuvenation,
Ministry of Jal Shakti, Govt. of India

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