

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO. 108

ANSWERED ON 21.07.2025

RESERVOIR STORAGE MONITORING SYSTEM (RSMS)

108 #.	SHRI DEEPAK PRAKASH	SMT. KIRAN CHOUDHRY
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Will the Minister of **Jal Shakti** be pleased to state:

- (a) manner in which the Reservoir Storage Monitoring System (RSMS) enhance transparency and water resource management; and
- (b) the number of live reservoirs and total live storage capacity of these reservoirs?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY)

(a) Central Water Commission (CWC) monitors live storage capacity of important reservoirs of the country and issues weekly bulletins. Prior to Reservoir Storage Monitoring System (RSMS), the data was collected from the respective project authorities through phone calls and fax. The collected data was then analyzed manually. Based on the analysis and results, the reports were prepared and bulletins issued.

To streamline the process of data entry and generation of bulletin, the RSMS was introduced in 2012. In RSMS, user id and passwords have been allocated to project authorities and regional offices of CWC. They enter their data directly by logging into RSMS. Data analysis and bulletin generation is done with the help of RSMS and the soft copy of the bulletin is sent through email to all concerned Union Ministries, respective State Governments and other stakeholders. This bulletin is also uploaded on the RSMS portal for view/use of public at large. This open access to information supports informed decision making. It enables better planning for irrigation, drinking water, and flood control, while also aiding drought preparedness.

(b) As on date, live storage status of 161 important reservoirs in the country is being monitored by CWC. The total live storage capacity of 161 reservoirs is 182.461 Billion Cubic Metre (BCM).
