

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

**LOK SABHA**

**STARRED QUESTION NO. \*174**

ANSWERED ON 14.12.2023

**NATIONAL WATER MISSION**

\*174                      SHRI BHOLA SINGH    SHRI VINOD KUMAR SONKAR

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether the Government is implementing the National Water Mission in the country including West Bengal and Uttar Pradesh;
- (b) if so, the details thereof;
- (c) the details of physical and financial progress made so far under National Water Mission, target or Goal-wise, Year and State-wise including West Bengal and Uttar Pradesh;
- (d) whether the Government proposes to increase the water use efficiency in domestic sector by 50-60 percent;
- (e) if so, the details thereof; and
- (f) the other steps being taken by the Government to achieve the objectives of the National Water Mission?

**ANSWER**

**THE MINISTER OF STATE FOR JAL SHAKTI**

**(SHRI BISHWESWAR TUDU)**

(a) to (f) : A statement is laid on the Table of the House.

**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (f) OF STARRED QUESTION NO. \*174 TO BE ANSWERED ON 14.12.2023 IN LOK SABHA REGARDING “NATIONAL WATER MISSION”**

**(a) & (b)** National Water Mission (NWM) was set up as per the National Action Plan on Climate Change (NAPCC) which was approved by the Government of India and released by the Hon’ble Prime Minister on 30th June 2008. National Water Mission works with multiple stakeholders in Government and outside Government to fill gaps in policy and to an integrate action on strengthening water security, particularly in the context of climate change. NWM has been functioning with the main objective of “conservation of water, minimizing wastage and ensuring its more equitable distribution both across and within States through integrated water resources development and management” across the country including for Uttar Pradesh and West Bengal. Besides, the Ministry of Jal Shakti has been implementing a Central Sector Scheme viz. “Research & Development Programme in Water Sector and Implementation of National Water Mission (NWM), the continuation of which was approved during the 15<sup>th</sup> Finance Commission period i.e. 2021-2026.

**(c)** As far as physical progress is concerned, it is the constant endeavour of the National Water Mission to implement the National Water Mission’s scheme and monitor it on a continuous basis in coordination and consultation with Central and State Departments. The physical progress of the scheme is assessed from time to time in consultation with Stakeholders concerned. The goal-wise physical progress of National Water Mission across the country, including the State of West Bengal and Uttar Pradesh, in some of the quantifiable components in the recent past is given below:

<b>Goal 1: Comprehensive water data base in public domain</b>	The comprehensive water data base in public domain is hosted on India-WRIS website of DoWR, RD & GR, Ministry of Jal Shakti. The website may be seen at <a href="http://indiawris.gov.in">indiawris.gov.in</a> .
<b>Goal 2: Assessment of the impact of climate change on water resources</b>	Seven studies on assessment of the impact of climate change on water resources have been completed. List of the completed studies on assessment of the impact of climate change on water resources is <b>annexed</b> .
<b>Goal 3: Promotion of citizen and state actions for water conservation, augmentation and preservation; and focused attention to vulnerable areas including over exploited areas</b>	NWM has been implementing Jal Shakti Abhiyan campaign since 2019 wherein more than 1.00 crore water-related works have been undertaken( about 6.75 lakh water related works in UP and about 2.28 lakh water-related works in West Bengal) along with plantation of about 130 crore saplings( more than 7 crore saplings planted in UP and about 23 lakh saplings planted in West Bengal) encompassing involvement of over 40 million youth in 3 million activities across the country. So far, 661 Jal Shakti Kendras (JSKs)

	<p>have been set up in country under Jal Shakti Abhiyan: Catch the Rain campaign and 518 District Water Conservation Plans have been prepared. This includes 75 JSKs in Uttar Pradesh and 23 JSKs in West Bengal. 39 districts of Uttar Pradesh have prepared District Water Conservation Plans and none of the district in West Bengal have prepared these plan.</p> <p>NWM has also conducted 50 Water Talks, 40 Dialogues with Districts Magistrates and various other workshops/seminars to spread awareness among public.</p>
<b>Goal 4: Increasing water use efficiency by 20%</b>	<p>Bureau of Water Use Efficiency has been constituted under the National Water Mission in October 2022 with the task to increase water use efficiency by 20%. NWM has also awarded Benchmarking study to The Energy and Research Institute (TERI) for water-intensive industries and 26 Baseline Studies to four institutes covering six states with the objective to evaluate water use efficiency of the completed major/medium irrigation projects.</p>
<b>Goal 5: Promotion of basin level integrated water resource management</b>	<p>NWM has awarded preparation of State Specific Action Plans (SSAP) to all States/UTs with the objective to promote integrated water resource management.</p>

The financial progress of the NWM scheme for the last five years is given below:

<b>Year</b>	<b>Revenue (in crore)</b>	<b>Capital (in crore)</b>	<b>Total (in crore)</b>
2018-19	5.99	0	5.99
2019-20	3.84	0.5	4.34
2020-21	5.25	0.19	5.44
2021-22	10.74	0.00	10.74
2022-23	15.71	0.00	15.71

**(d) & (e)** Goal 4 of the Mission Document of National Water Mission envisages “Increasing Water Use Efficiency by 20%”. To achieve this goal, a dedicated organization has been set up as “Bureau of Water Use Efficiency” (BWUE) under National Water Mission during October, 2022 to work in mission mode and as a facilitator for promotion of improving water use efficiency across various sectors namely irrigation, drinking water supply, power generation, industries, etc. in the country.

**(f)** Besides the physical progress of the NWM outlined in the reply to part (c) of the question, other steps taken by the Government regarding achieving the objectives of the National Water Mission are as follows:

- i. First Census Report has been released by the Ministry of Jal Shakti on 25.04.2023. The objective of the Census of the Water Bodies was to develop a national data base for all water bodies for informed decision making and availability of authentic water data in the public domain.
- ii. The Dynamic Ground Water Resources of India is periodically assessed by Central Ground Water Board (CGWB) jointly with the State / UT level agencies.
- iii. National Aquifer Mapping and Management Programme have been initiated to characterize the quantity, quality and sustainability of ground water in aquifers.
- iv. Central Water Commission (CWC) has a network of hydrological observation stations in all river basins for water resource planning and flood forecasting. The water data monitored above is uploaded to India-Water Resource Information System (WRIS) with the aim of dissemination of data in public domain.
- v. Under Dam Rehabilitation and Improvement Project (DRIP), Design Flood Review Studies of dams is conducted as part of hydrological safety review of the dam.
- vi. NWM has identified 75 water heritage sites to create awareness among citizens regarding the cultural significance of Water Heritage Structures and how preservation/ renovation of such structures can be a crucial step for water conservation. Details of these 75 structures are available in public domain on the “**Jal Itihas**” portal (<https://indiawris.gov.in/wris/#/jalitihaas>) sub-portal under India-WRIS portal.
- vii. For generating awareness amongst the citizens especially in youth and children and to increase the public outreach of the programmes/ schemes of the Government, National Water Mission undertakes intensive Information, Education & Communication (IEC) activities which includes organizing workshops/ webinars/ seminars, disseminating the message of water through films/ jingles/ songs, holding nukkad natak/ slogans/ wall writings etc. through Nehru Yuva Kendra Sangathan. In the current year, NWM collaborated with concerned Ministries for broadcast of ‘Just Junior’ series on television, promotion of ‘Mission LIFE’, Vinyl Wrapping of Trains etc.

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**ANNEXURE****ANNEXURE REFERRED TO IN REPLY TO PART (c) OF LOK SABHA STARRED QUESTION NO. \*174 TO BE ANSWERED ON 14.12.2023 REGARDING “NATIONAL WATER MISSION”****List of completed studies on assessment of impact of climate change on water resources**

SL No	Name of the Scheme	State/institution
1.	Impact Assessment of Climate Change on Hydro-meteorological processes and Water Resources of Mahanadi River Basin	IISC Bangalore (Lead Instt.)
		IIT Bhubaneshwar
2.	Climate change impact studies for Rajasthan Area of inland drainage and Mahi basin	MNIT Jaipur (Lead Instt.)
		CU Ajmer Rajasthan
		IIT Delhi
3.	Impact of Climate Change on Water Resources of Tapi Basin	SVNIT Surat (Lead Inst./.)
		MNIT Jaipur
		MANIT Bhopal
4.	Effects of Climate Change and land use/land cover changes on spatial and temporal water availability In Subarnarekha Basin	IIT Kharagpur
5.	Impact of Climate Change on Water Resources of Sabarmati Basin	IIT Gandhinagar (Lead Instt.)
		SVNIT Surat
6.	Impact of Climate Change on Water Resources in River Basins from Tadri to Kanyakumari	IIT Mumbai (Lead Instt.)
		NIT Surathkal
		CWRDM Kozhikode
7.	Statistical Downscaling for Hydro-climatic Projections with CMIPS Simulations to Assess Impact of Climate Change	IIT Mumbai (Lead Instt.)
		IIT Guwahati
		IISc Bangalore
		IIT Gandhinagar
		IIT Kanpur

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