

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. †1077
ANSWERED ON 21.12.2017

CREATION OF WATER STORAGE BODIES

†1077. SHRIMATI RITI PATHAK

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) whether there is a continuous acute shortage of water despite average monsoon rainfall in the country during the last two years;
- (b) if so, the details thereof and the reaction of the Government thereto; and
- (c) the number of additional water storage bodies created by the Government in the country during the said period as well as the details of storage capacity of each of them, State/UT-wise?

ANSWER

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION & PARLIAMENTARY AFFAIRS

(SHRI ARJUN RAM MEGHWAL)

(a) As per the information of the India Meteorological Department (IMD), the normal All India Area Weighted Monsoon Rainfall is 887.5 mm. Rainfall is not evenly spread around the country. Out of the total of 36 metrological sub-division in India, some receive normal rainfall, others receive either excess or deficit rainfall. The Monsoon-2015 rainfall was 760.6 mm which is - 14% departure which can be disaggregated metrological sub-division wise as excess-1, normal-18 and deficient-17. The Monsoon-2016 rainfall was 862.0 mm which is -3 % departure which can be disaggregated metrological sub-division wise as excess-4, normal-23 and deficient-9.

Central Water Commission (CWC) monitors live storage of 91 reservoirs of the country on weekly basis and issues weekly live storage bulletin on every Thursday. As per the latest Reservoir Bulletin dated 14th December, 2017, the region-wise overall storage position of 91 Reservoirs of the country is at **Annexure-I**.

(b) The Central Government has taken various steps to create additional water storages during the last two years in the form of schemes like Pradhan Mantri Krishi Sinchayi Yojana, Accelerated Irrigation Benefits Programme, Repair, Renovation & Restoration (RRR) of water bodies, implementation of new projects like Pancheshwar Dam, Polavaram Project, Interlinking of Rivers Project, Dam Rehabilitation & Improvement Project, etc. Additionally, non-structural measures have also been taken through the development and augmentation of National Hydrology Project, Flood Forecasting Stations, Hydrological Observation Stations, etc.

(c) The number of additional storage bodies as well as the details of storage capacity created by the Government in the country during the last two years is given at **Annexure-II**. The additional storage created in the last two years is 4.424 Billion Cubic Meters (BCM).

Annexure referred to in reply to Part (a) of the Unstarred Question No. †1077 to be answered on 21.12.2017 in the Lok Sabha regarding
“Creation of Water Storage Bodies”

REGION WISE STORAGE POSITION OF 91 RESERVOIRS OF THE COUNTRY UNDER CWC MONITORING AS ON 14.12.2017									
REGION	NO. OF RESERVOIRS MONITORED	LIVE CAPACITY AT FRL (BCM)	LIVE STORAGE (BCM)			STORAGE AS PERCENTAGE OF LIVE CAPACITY AT FRL			% departure from 10 years avg.
			CURRENT YEAR	LAST YEAR	LAST 10 YRS. AVG.	CURRENT YEAR	LAST YEAR	LAST 10 YRS. AVERAGE	
NORTHERN REGION	6	18.01	10.99	9.59	10.95	61	53	61	0
EASTERN	15	18.83	14.13	15.19	13.08	75	81	69	8
WESTERN	27	31.26	18.57	20.11	18.58	59	64	59	0
CENTRAL	12	42.30	23.14	33.36	25.56	55	79	60	-9
SOUTHERN	31	51.59	27.23	19.89	30.84	53	39	60	-12
COUNTRY AS A WHOLE	91	161.99	94.05	98.13	98.99	58	61	61	-5

Annexure referred to in reply to Part (c) of the Unstarred Question No. †1077 to be answered on 21.12.2017 in the Lok Sabha regarding “Creation of Water Storage Bodies”

Details of the number of additional water storage bodies created by the Government in the country during the last two years as well as the details of storage capacity of each of them, State/UT-wise.

List of projects having dam component completed under 99 priority projects during the last two years				
S. No	Name of State	Name of the project	Storage capacity Million Cubic Meters (MCM)	
			Gross	Live
1	Karnataka	Karanja	7.691	7.316
2	Manipur	Thoubal	176.38	124.58
3	Odisha	Rukura	43.94	38.69
4		Ret	67.76	59.64
	Gujarat	Sardar Sarovar	9460	4194 *
		Total		4424 MCM Or 4.424 BCM

* As per the Weekly Bulletin namely “Storage Position of the 91 Reservoirs” under monitoring of CWC, the Sardar Sarovar Project was already in operation upto the level of 121.92 m with a live capacity of 1.566 BCM. By lowering of the gate in the year 2017, additional live storage created is 5.76 - 1.566= 4.194 BCM.