GOVERNMENT OF INDIA

MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

LOK SABHA

UNSTARRED QUESTION NO. 5430

ANSWERED ON 03.04.2025

DEPLETING WATER LEVEL IN PURVANCHAL AREAS

†5430. SHRI RAMBHUAL NISHAD

Will the Minister of **JAL SHAKTI** be pleased to state:

(a) the number of studies conducted by the Government on the issue of water crisis in various States and depleting water level in the rivers during the last three years and the current year;

(b) the areas of Purvanchal including Sultanpur in which there is a decrease in availability of water along with the extent to which the decrease in water flow in Gomti river was recorded during the said period; and

(c) the steps taken/being taken by the Government for water conservation, water management, sufficient supply of water to the farmers and smooth water flow in Gomti river?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY**)**

(a) to (c) Flow in the rivers is a dynamic parameter and depends on many sub-parameters such as rainfall, its distribution pattern, duration and intensity in the catchment, health of catchment area, vegetation and withdrawals/utilization of water.

Central Water Commission (CWC) carries out hydrological observations on rivers at various locations across the country. The Annual Discharge Datasets for 04 no sites at Gomti river, namely, Sultanpur, Neemsar, Bhatpurwaghat & Maighat are as follows:

Annual discharge (MCM) of CWC HO Stations on Gomti River (2021- 2025)				
Year	**Neemsar**	**Bhatpurwaghat**	**Sultanpur**	**Maighat**
2021-2022	17.47	20.27	113.22	215.27
2022-2023	17.93	21.35	65.99	134.15
2023-2024	14.22	24.71	61.13	119.85
2024-2025*	19.52	29.97	30.85	127.6

*Partial water year from June to March

The average annual water availability of any region or country is largely dependent upon hydrometeorological and geological factors. As per the study “Assessment of Water Resources of India”, CWC, 2024, the average annual water resources across river basins of the country have been assessed as about 2115.95 BCM.

Central Ground Water Board (CGWB) monitors groundwater levels throughout the country on a regional scale manually four times every year during the months of March/April/May, August, November and January.

Dynamic Ground Water Resources of the country are being annually assessed since 2022 jointly by Central Ground Water Board (CGWB) and State Governments. The "National Compilation of Dynamic Ground Water Resources of India, 2024" was released on 31.12.2024. The district-wise details for Purvanchal including Sultanpur in respect of ground water availability (annual extractable groundwater resources) for 2020 and 2024 is presented in **Annexure**.

'Water' being a State subject, steps for augmentation, conservation and efficient management of water resources are primarily undertaken by the respective State Governments. In order to supplement the efforts of the State Governments, Union Government provides technical and financial assistance to them through various schemes and programs.

Central Ground Water Board (CGWB) has completed the National Aquifer Mapping (NAQUIM) Project in the entire mapped area of about 25 Lakh sq. km. The Aquifer maps and management plans have been prepared and shared with the respective State agencies for implementation. The management plans include various water conservation measures through recharge structures.

Pradhan Mantri Krishi Sinchayee Yojna- Har Khet Ko Paani- Ground Water scheme is a centrally sponsored scheme, launched by Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti, envisages to provide irrigation facility for Small and Marginal Farmers in areas having sufficient potential for future development of ground water. So far 13 projects have been implemented in 10 states namely Assam, Arunachal Pradesh, Gujarat, Nagaland, Manipur, Mizoram, Tripura, Tamil Nadu, Uttar Pradesh and Uttarakhand.

Six districts (including Sultanpur district) of Purvanchal areas namely Basti, Gorakhpur, Mirzapur, Siddharth Nagar, Sonbhadra and Sultanpur covered under PMKSY-HKKP-GW scheme. Total 4449 tube wells and 125 blast well (Dug wells) have been constructed in above districts of Purvanchal areas and created 11850 Ha. command area under the scheme.

Various Steps taken by the Ministry of Jal Shakti and other Central Ministries for Water conservation, Control and regulation of ground water and to promote rain water harvesting / artificial recharge etc. across the country can be seen at URL:
https://cdnbbsr.s3waas.gov.in/s3a70dc40477bc2adceef4d2c90f47eb82/uploads/2024/07/20240716706354487.pdf

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ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (a) to (c) OF UNSTARRED QUESTION NO. 5430 TO BE ANSWERED IN LOK SABHA ON 03.04.2025 REGARDING "DEPLETING WATER LEVEL IN PURVANCHAL AREAS"

District-wise details for Purvanchal in respect of ground water availability (annual extractable groundwater resources) in Hectare-Metre (HAM) for 2020 and 2024

		2020			2024		
S.NO	Name of District	Total Annual Ground Water Recharge (HAM)	Annual Extractable Ground Water Resource (HAM)	Current Annual Ground Water Extraction (HAM)	Total Annual Ground Water Recharge (HAM)	Annual Extractable Ground Water Resource (HAM)	Current Annual Ground Water Extraction (HAM)
1	Ambedkar Nagar	80402.51	73340.4	45489.06	80543.11	72488.78	45553.36
2	Ayodhya	99866.63	91977.5	58064.09	95269.54	85742.61	53415.97
3	Azamgarh	121000.1	113251.72	77664.18	140317.67	127154.42	75508.28
4	Bahraich	140697.54	132290.95	71553.68	148939.14	139593.44	82599.43
5	Ballia	93528.69	87063.26	54613.51	95436.89	85893.17	53641.2
6	Balrampur	95175.8	87291.34	49287.85	98039.58	91195.86	52254.34
7	Basti	78844.63	72479.21	45540.57	83453.81	75397.22	49332.24
8	Chandauli	55974.33	51442.68	27066.02	56804.22	51421.87	29578.38
9	Deoria	141143.86	129077.54	76345.2	147163.11	134166.95	83718.23
10	Fatehpur	148919.71	138088.75	97031.29	116584.93	106602.72	80046.23
11	Ghazipur	100703.66	95062.52	57827.28	105416.87	95654.61	56303.52
12	Gonda	100810.16	95098.48	58169.34	122252.69	112972.64	69238.73
13	Gorakhpur	177653.66	162574.57	97151.13	173978.61	159038.02	101424.6
14	Jaunpur	131876.34	121359.98	86187.13	131093.51	119174.87	83626.02
15	Kaushambi	55906.21	51456.45	39375.51	51407.65	46266.88	37079.46
16	Kushi Nagar	175791.06	158877.47	67323.3	173784.99	157015.89	81590.32
17	Maharajganj	107526.86	99669.26	60069.89	112828.38	103591.24	66356.32
18	Mau	50015.31	46121.39	30293.36	51145.46	46650.57	30258.11
19	Mirzapur	63759.08	58442.03	35246.31	62568.8	57060.42	35265.93
20	Pratapgarh	147965.2	137620.66	102870.05	141696.61	129527.85	99523.08
21	Prayagraj	147078.38	135052.05	100192.68	143024.6	128986.46	93790.05
22	S. Kabir Nagar	47250.37	44263.87	29291.62	53971.7	48574.52	29277.72
23	S. Ravidas Nagar	36687.9	33517.54	26900.69	87848.74	79063.87	62897.17
24	Shrawasti	49082.38	46628.26	27476.49	57550.25	52479.2	30016.08
25	Siddharth Nagar	92838.87	87601.59	54082.48	96469.22	88147.16	56683.74
26	Sonbhadra	25204.08	23373.77	15115.34	57363.6	51768.25	26334.41
27	Sultanpur	90915.59	83642.92	50417.96	94429.06	84986.17	52412.36
28	Varanasi	57048.76	53394.36	48703.45	51219.99	46631.29	41171.74
Total		**2713667.67**	**2510060.52**	**1589349.46**	**2830602.7**	**2577246.95**	**1658897**

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