

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI,  
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**STARRED QUESTION NO. †\*95**  
ANSWERED ON 27.06.2019

**DEPLETION IN GROUNDWATER LEVEL**

†\*95. SHRI RAMESH CHANDER KAUSHIK

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether the groundwater level is continuously depleting across the country;
- (b) if so, the reasons therefor;
- (c) the details of the States witnessing larger depletion of groundwater level; and
- (d) the details of the schemes formulated by the Government to deal with this situation?

**ANSWER**

THE MINISTER OF JAL SHAKTI

(SHRI GAJENDRA SINGH SHEKHAWAT)

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

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. †\*95 TO BE ANSWERED IN LOK SABHA ON 27.06.2019 REGARDING “DEPLETION IN GROUNDWATER LEVEL” ASKED BY SHRI RAMESH CHANDER KAUSHIK, M.P**

(a) to (c) Ground water levels in various parts of the Country are declining because of continuous withdrawal due to reasons such as increased demand of fresh water for various uses, vagaries of rainfall, increased population, industrialization & urbanization etc.

Central Ground Water Board (CGWB) carries out ground water monitoring four times a year in different States. In order to assess the declining/rising trend in water level on a long-term basis, pre-monsoon water level data 2018 has been compared with the decadal average (2008-2017) water level. Analysis of data indicates decline in ground water level in about 52% of the wells being monitored. State-wise details are given in **Annexure** which includes States/UTs like Chandigarh, Delhi, Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, Tamil Nadu, Uttar Pradesh & Uttarakhand where larger depletion has been observed.

(d) Water being a State subject, efforts to conserve and manage ground water is primarily States responsibility. A number of States have done notable work in this regard. Of these, mention can be made of ‘Mukhyamantri Jal Swavlamban Abhiyan’ in Rajasthan, ‘Jalyukt Shibir’ in Maharashtra, ‘Sujalam Suflam Abhiyan’ in Gujarat, ‘Mission Kakatiya’ in Telangana, Neeru Chettu’ in Andhra Pradesh among others.

Considering the importance of water conservation, the Hon’ble Prime Minister has recently written to all the Sarpanches in the country to ensure water conservation in a participatory mode.

Other steps taken by the Central Government to control water depletion and promote rain water harvesting / conservation are at the following URL:

[http://mowr.gov.in/sites/default/files/Steps\\_to\\_control\\_water\\_depletion\\_Jun2019.pdf](http://mowr.gov.in/sites/default/files/Steps_to_control_water_depletion_Jun2019.pdf)

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**ANNEXURE**

Annexure referred to in reply to parts (a) to (c) of Starred Q. No. †\*95 to be answered in Lok Sabha on 27.06.2019 regarding “Depletion in Ground Water Level”

S. No.	Name of State	No. of wells Analysed	Rise		Fall		Wells showing no change	
			No	%	No	%	No	%
1	Andhra Pradesh	714	290	41	423	59	1	0.1
2	Arunachal Pradesh	8	5	63	3	38	0	0.0
3	Assam	154	98	64	56	36	0	0.0
4	Bihar	619	268	43	350	57	1	0.2
5	Chandigarh	9	2	22	7	78	0	0.0
6	Chhattisgarh	458	181	40	271	59	6	1.3
7	Dadra & Nagar Haveli	17	8	47	9	53	0	0.0
8	Daman & Diu	10	5	50	5	50	0	0.0
9	Delhi	82	20	24	62	76	0	0.0
10	Goa	70	50	71	20	29	0	0.0
11	Gujarat	756	345	46	401	53	10	1.3
12	Haryana	273	68	25	205	75	0	0.0
13	Himachal Pradesh	86	21	24	65	76	0	0.0
14	Jammu & Kashmir	244	47	19	197	81	0	0.0
15	Jharkhand	255	168	66	87	34	0	0.0
16	Karnataka	1343	792	59	542	40	9	0.7
17	Kerala	1431	773	54	654	46	4	0.3
18	Madhya Pradesh	1330	546	41	782	59	2	0.2
19	Maharashtra	1632	774	47	857	53	1	0.1
20	Meghalaya	22	9	41	13	59	0	0.0
21	Odisha	1254	766	61	485	39	3	0.2
22	Pondicherry	5	3	60	2	40	0	0.0
23	Punjab	216	35	16	181	84	0	0.0
24	Rajasthan	929	474	51	454	49	1	0.1
25	Tamil Nadu	528	209	40	318	60	1	0.2
26	Telangana	568	295	52	268	47	5	0.9
27	Tripura	25	21	84	4	16	0	0.0
28	Uttar Pradesh	563	97	17	466	83	0	0.0
29	Uttarakhand	28	8	29	20	71	0	0.0
30	West Bengal	614	408	66	205	33	1	0.2
<b>Total</b>		<b>14243</b>	<b>6786</b>	<b>48</b>	<b>7412</b>	<b>52</b>	<b>45</b>	<b>0.3</b>

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