

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI,  
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 845**  
ANSWERED ON 21.11.2019

**DEPLETION IN GROUND WATER LEVEL**

845. SHRI JASBIR SINGH GILL  
SHRI NAND KUMAR SINGH CHAUHAN  
SHRI UPENDRA SINGH RAWAT

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether there is constant depletion in ground water level in various parts of the country including Punjab and Uttar Pradesh;
- (b) if so, the details thereof, State/UT-wise along with the reasons therefor; and
- (c) the steps taken/to be taken by the Government to deal with this critical situation?

**ANSWER**

THE MINISTER OF STATE FOR JAL SHAKTI & SOCIAL JUSTICE AND EMPOWERMENT

(SHRI RATTAN LAL KATARIA)

(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 2019 has been compared with the decadal average (2009-2018) water level. Analysis of data indicates decline in ground water level in about 61% of the wells being monitored. State-wise details are given in **Annexure** which includes Punjab and Uttar Pradesh.

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 Shibar' in Maharashtra, 'Sujalam Sufalam Abhiyan' in Gujarat, 'Mission Kakatiya' in Telangana, Neeru Chettu' in Andhra Pradesh among others.

Government of India launched Jal Shakti Abhiyan which is a time bound campaign with a mission mode approach intended to improve water availability including ground water conditions in the water stressed blocks of 256 districts in India. In this regard, teams of officers from Central Government along-with technical officers from Ministry of Jal Shakti were deputed to visit water stressed districts and to work in close collaboration with district level officials to undertake suitable interventions.

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>

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**ANNEXURE**

**Annexure referred to in reply to parts (a) to (c) of Unstarred Q. No. 845 to be answered in Lok Sabha on 21.11.2019 regarding “DEPLETION IN GROUND WATER LEVEL”**

S. No.	Name of State	No. of wells Analysed	Rise				Fall		Wells showing no change	
			Rise		No	%	No	%	No	%
			Min	Max						
1	Andhra Pradesh	714	0.01	7.26	194	27	518	73	2	0.3
2	Arunachal Pradesh	18	0.54	2.45	2	11	16	89	0	0.0
3	Assam	230	0.01	7.1	111	48	119	52	0	0.0
4	Bihar	619	0.01	5.34	195	32	419	68	5	0.8
5	Chandigarh	12	0.01	2.47	4	33	8	67	0	0.0
6	Chhattisgarh	602	0.01	14.65	237	39	352	58	13	2.2
7	Dadra & Nagar Haveli	18	0.08	2.39	2	11	16	89	0	0.0
8	Daman & Diu	11	0.03	2.81	5	45	5	45	1	9.1
9	Delhi	73	0	13.23	36	49	37	51	0	0.0
10	Goa	64	0.01	8.29	18	28	46	72	0	0.0
11	Gujarat	657	0.01	12.36	244	37	413	63	0	0.0
12	Haryana	279	0.01	8	94	34	184	66	1	0.4
13	Himachal Pradesh	101	0.04	6.63	81	80	20	20	0	0.0
14	Jammu & Kashmir	204	0.01	4.29	86	42	118	58	0	0.0
15	Jharkhand	271	0.03	5.31	103	38	168	62	0	0.0
16	Karnataka	1098	0.01	14.72	217	20	881	80	0	0.0
17	Kerala	1427	0.0	7.01	661	46	762	53	4	0.3
18	Madhya Pradesh	1099	0.01	17.72	532	48	567	52	0	0.0
19	Maharashtra	1645	0.0	18.42	401	24	1241	75	3	0.2
20	Meghalaya	53	0.01	6.2	39	74	14	26	0	0.0
21	Odisha	1064	0.01	7.07	730	69	334	31	0	0.0
22	Pondicherry	6			0	0	6	100	0	0.0
23	Punjab	245	0.0	15.11	74	30	170	69	1	0.4
24	Rajasthan	893	0.0	14	301	34	588	66	4	0.4
25	Tamil Nadu	612	0.0	11.53	177	29	318	52	117	19.1
26	Telangana	557	0.01	10.15	188	34	366	66	3	0.5
27	Tripura	75	0.01	3.99	31	41	44	59	0	0.0
28	Uttar Pradesh	581	0.03	12.64	157	27	423	73	1	0.2
29	Uttarakhand	42	0.01	5.45	15	36	27	64	0	0.0
30	West Bengal	358	0.03	8.57	178	50	177	49	3	0.8
<b>Total</b>		<b>13628</b>			<b>5113</b>	<b>38</b>	<b>8357</b>	<b>61</b>	<b>158</b>	<b>1.2</b>

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