

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. †2611
ANSWERED ON 02.08.2018

DECLINE IN GROUND WATER LEVEL

†2611. SHRI CHANDRAKANT KHAIRE

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

- (a) whether attention of the Government has been drawn towards the declining ground water level in most of the States of the country and if so, the details thereof;
- (b) whether any study has been conducted in this regard and if so, the details and the outcome thereof; and
- (c) the details of the efforts made by the Government to improve the ground water level?

ANSWER

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

(SHRI ARJUN RAM MEGHWAL)

(a) & (b) 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 at **Annexure**.

(c) Water being a State subject, initiatives on water management including conservation and artificial recharge to ground water and revival of water bodies in the Country is primarily States' responsibility. However, steps taken by the Central Government for conservation of ground water are available at the following URL http://mowr.gov.in/sites/default/files/MeasuresForGW-Depletion_1.pdf.

ANNEXURE

Annexure referred to in reply to part (a) & (b) of Unstarred Question No. †2611 to be answered in Lok Sabha on 02.08.2018 regarding “Decline in Ground Water Level”

**State-wise Decadal Water Level Fluctuation
With Mean [Pre-monsoon (2008 to 2017) and Pre-monsoon 2018]**

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
Total		14243	6786	48	7412	52	45	0.3