

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 6326
ANSWERED ON 05.04.2018

DECLINE IN GROUND WATER TABLE/ LEVEL

6326. SHRI PREM DAS RAI
SHRI BHAIRON PRASAD MISHRA

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

- (a) whether the ground water table/ level is declining rapidly in the country at present;
- (b) if so, the details thereof along with the steps taken and new efforts made or schemes formulated by the Government to check it and ensure aquifer recharge;
- (c) the names of the locations where this problem is more acute; and
- (d) whether the Government proposes to implement any special scheme for the areas such as Bundelkhand and if so, the details thereof?

ANSWER

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

(SHRI ARJUN RAM MEGHWAL)

(a) to (c) Central Ground Water Board (CGWB) carries out ground water monitoring, four times a year, on regional scale through a network of observation wells in the Country. Comparison and analysis of Pre-monsoon (2017) water level data collected by CGWB with the decadal average (2007-2016) indicates decline in ground water level in about 61% of the wells in the country. Details are given at **Annexure – I.**

As per the assessment of dynamic ground water resources of country (As on 31st March 2013) carried out jointly by CGWB and State Ground Water Departments, out of the total 6584 numbers of assessment units (Block/ Taluks/ Mandals/ Watershed/ Firkka), 1034 units have been categorized as 'Over-exploited'. State-wise number of 'Over-exploited' units are given at **Annexure - II.**

Water being a State subject, regulation & conservation of ground water is primarily States' responsibility. However, other 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.

(d) Aquifer Mapping and Management Programme is being taken up in several parts of the country including Bundelkhand area. Similarly, Atal Bhujal Yojana has been proposed for 7 States in the country including the water stressed areas of Bundelkhand region.

ANNEXURE - I

Annexure referred to in reply to parts (a) to (c) of Unstarred Q.No. 6326 to be answered in Lok Sabha on 05.04.2018 regarding “Decline in Ground Water Table/Level”.

**State-wise Decadal Water Level Fluctuation with
Mean [Pre-monsoon (2007 to 2016) and Pre-monsoon 2017]**

S. No.	Name of State	No. of Wells Analysed	Rise		Fall		Wells showing no change	
			No.	%	No.	%	No.	%
1	Andhra Pradesh	751	184	25	563	75	4	0.5
2	Arunachal Pradesh	12	9	75	3	25	0	0.0
3	Assam	164	71	43	92	56	1	0.6
4	Bihar	625	362	58	258	41	5	0.8
5	Chandigarh	10	1	10	9	90	0	0.0
6	Chhattisgarh	566	219	39	346	61	1	0.2
7	Dadra & Nagar Haveli	16	6	38	10	63	0	0.0
8	Daman & Diu	11	7	64	4	36	0	0.0
9	Delhi	94	33	35	61	65	0	0.0
10	Goa	65	50	77	15	23	0	0.0
11	Gujarat	799	301	38	473	59	25	3.1
12	Haryana	302	95	31	207	69	0	0.0
13	Himachal Pradesh	90	33	37	57	63	0	0.0
14	Jammu & Kashmir	226	75	33	151	67	0	0.0
15	Jharkhand	218	90	41	128	59	0	0.0
16	Karnataka	1421	423	30	985	69	13	0.9
17	Kerala	1366	405	30	957	70	4	0.3
18	Madhya Pradesh	1318	660	50	658	50	0	0.0
19	Maharashtra	1562	667	43	887	57	8	0.5
20	Meghalaya	20	6	30	14	70	0	0.0
21	Odisha	1283	506	39	773	60	4	0.3
22	Puducherry	5	0	0	5	100	0	0.0
23	Punjab	234	36	15	198	85	0	0.0
24	Rajasthan	859	431	50	428	50	0	0.0
25	Tamil Nadu	536	71	13	465	87	0	0.0
26	Telangana	586	315	54	267	46	4	0.7
27	Tripura	26	18	69	8	31	0	0.0
28	Uttar Pradesh	637	187	29	450	71	0	0.0
29	Uttarakhand	46	21	46	24	52	1	2.2
30	West Bengal	617	327	53	289	47	1	0.2
Total		14465	5609	38.8	8785	60.7	71	0.5

ANNEXURE - II

Annexure referred to in reply to parts (a) to (c) of Unstarred Q.No. 6326 to be answered in Lok Sabha on 05.04.2018 regarding “Decline in Ground Water Table/Level”.

**CATEGORIZATION OF BLOCKS/ MANDALS/ TALUKS IN INDIA
(2013)**

Sl. No.	States / Union Territories	Total No. of Assessed Units	Over-exploited	
			Nos.	%
	States			
1	Andhra Pradesh	670	61	9
2	Arunachal Pradesh	11	0	0
3	Assam	27	0	0
4	Bihar	534	0	0
5	Chhattisgarh	146	1	1
6	Delhi	27	15	56
7	Goa	12	0	0
8	Gujarat	223	23	10
9	Haryana	119	64	54
10	Himachal Pradesh	8	1	13
11	Jammu & Kashmir	22	0	0
12	Jharkhand	260	4	2
13	Karnataka	176	43	24
14	Kerala	152	1	1
15	Madhya Pradesh	313	25	8
16	Maharashtra	353	9	3
17	Manipur	9	0	0
18	Meghalaya	11	0	0
19	Mizoram	22	0	0
20	Nagaland	11	0	0
21	Odisha	314	0	0
22	Punjab	138	105	76
23	Rajasthan	248	164	66
24	Sikkim	-	-	-
25	Tamil Nadu	1139	358	31
26	Telangana	443	46	10
27	Tripura	39	0	0
28	Uttar Pradesh	820	113	14
29	Uttarakhand	18	0	0
30	West Bengal	268	0	0
	Total (States)	6533	1033	16
	Union Territories			
1	Andaman & Nicobar	34	0	0
2	Chandigarh	1	0	0
3	Dadra & Nagar Haveli	1	0	0
4	Daman & Diu	2	0	0
5	Lakshadweep	9	0	0
6	Puducherry	4	1	25
	Total (UTs)	51	1	2
	Grand Total	6584	1034	16