

GOVERNMENT OF INDIA  
MINISTRY OF WATER RESOURCES,  
RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 6225**  
ANSWERED ON 05.04.2018

**WORLD BANK ASSISTED SCHEME FOR GROUND WATER MANAGEMENT**

6225. SHRI RAJESHBHAI CHUDASAMA

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

- (a) whether it is a fact that ground water level in many parts of the country has plummeted due to over exploitation of existing resources and if so, the details thereof;
- (b) whether the Government has proposed to draw a new World Bank assisted scheme to manage ground water resources in the country; and
- (c) if so, the details thereof and the States which are likely to be benefited from this initiative?

**ANSWER**

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

(SHRI ARJUN RAM MEGHWAL)

- (a) Ground water levels in various parts of the Country are declining due to various reasons which, inter-alia include, increased demand of fresh water for various uses, vagaries of rainfall, increased population, industrialization & urbanization.

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 31<sup>st</sup> 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**.

- (b) & (c) Government has proposed Atal Bhujal Yojana (ABHY) aimed at sustainable ground water management with community participation in selected over-exploited and ground water stressed areas in seven States (Gujarat, Haryana, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan and Uttar Pradesh). ABHY is designed as a Central Sector Scheme with a total outlay of Rs.6,000 Crore and is proposed to be implemented with World Bank assistance on 50-50 sharing basis.

**ANNEXURE – I**

**Annexure referred to in reply to part (a) of Unstarred Q.No. 6225 to be answered in Lok Sabha on 05.04.2018 regarding “World Bank Assisted Scheme for Ground Water Management”**

**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
<b>Total</b>		<b>14465</b>	<b>5609</b>	<b>38.8</b>	<b>8785</b>	<b>60.7</b>	<b>71</b>	<b>0.5</b>

**ANNEXURE – II**

**Annexure referred to in reply to part (a) of Unstarred Q.No. 6225 to be answered in Lok Sabha on 05.04.2018 regarding “World Bank Assisted Scheme for Ground Water Management”**

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

Sl. No.	States / Union Territories	Total No. of Assessed Units	Over-exploited	
			Nos.	%
	<b>States</b>			
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
	<b>Total (States)</b>	<b>6533</b>	<b>1033</b>	<b>16</b>
	<b>Union Territories</b>			
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
	<b>Total (UTs)</b>	<b>51</b>	<b>1</b>	<b>2</b>
	<b>Grand Total</b>	<b>6584</b>	<b>1034</b>	<b>16</b>