

GOVERNMENT OF INDIA  
MINISTRY OF WATER RESOURCES,  
RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 3772**  
ANSWERED ON 03.01.2019

**DEPLETION IN GROUND WATER RESOURCES**

3772. SHRI KESINENI NANI

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

- (a) the average rate of depletion of ground water resources;
- (b) the data on annual ground water exploitation for the past five years, Statewise;
- (c) the number of districts facing over exploitation of ground water, State-wise;
- (d) the reasons for the poor water management in the country; and
- (e) the steps the Government is taking to reduce exploitation of water in the country?

**ANSWER**

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

(SHRI ARJUN RAM MEGHWAL)

(a) to (e) As per the assessment of 'Dynamic Ground Water Resources Estimation' of the Country jointly carried out by Central Ground Water Board and State Governments, there is no significant change in the overall dynamic ground water resources of the country. However, at certain places, ground water resources have been observed to be depleting due to reasons such as increased demand of fresh water for various uses, vagaries of rainfall, increased population, industrialization & urbanization etc.

As per the latest assessment of 'Dynamic Ground Water Resources (2013)', out of total 6584 assessment units (block/ taluk/ tehsil/ mandal/ firka etc.) in the country, 1034 assessment units in 17 States/ UTs of the Country have been categorized as 'over-exploited'. State-wise details of the percentage of 'over-exploited' blocks and comparative statement of annual ground water draft are given in **Annexure I** and **Annexure - II**.

Water being a State subject, initiatives on water management including conservation and artificial recharge to ground water in the Country is primarily States' responsibility. However, steps taken by the Central Government for conservation/reduced over-exploitation of water are available at the following URL: [http://mowr.gov.in/sites/default/files/MeasuresForGW-Depletion\\_2.pdf](http://mowr.gov.in/sites/default/files/MeasuresForGW-Depletion_2.pdf)

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**ANNEXURE I**

Annexure referred to in reply to part (a) to (e) of Unstarred Question No. 3772 to be answered in Lok Sabha on 03.01.2019 regarding “Depletion in Ground Water Resources”

**Comparative Statement of ‘Over-exploited’ Assessment units  
(Blocks/ Mandals/ Taluks/Firka) In India**

Sl. No.	States / Union Territories	Over-exploited Assessment Units (%)		
		2009	2011	2013
	<b>States</b>			
1	Andhra Pradesh	8	8	10
2	Arunachal Pradesh	0	0	0
3	Assam	0	0	0
4	Bihar	0	0	0
5	Chhattisgarh	0	1	1
6	Delhi	74	67	56
7	Goa	0	0	0
8	Gujarat	12	11	10
9	Haryana	59	61	54
10	Himachal Pradesh	13	13	13
11	Jammu & Kashmir	0	0	0
12	Jharkhand	2	3	2
13	Karnataka	26	23	24
14	Kerala	1	1	1
15	Madhya Pradesh	8	8	8
16	Maharashtra	3	3	3
17	Manipur	0	0	0
18	Meghalaya	0	0	0
19	Mizoram	0	0	0
20	Nagaland	0	0	0
21	Odisha	0	0	0
22	Punjab	80	80	76
23	Rajasthan	69	71	66
24	Sikkim	0	0	-
25	Tamil Nadu	36	33	31
26	Tripura	0	0	0
27	Uttar Pradesh	9	14	14
28	Uttarakhand	0	0	0
29	West Bengal	0	0	0
	<b>Total (States)</b>	<b>14</b>	<b>16</b>	<b>16</b>
	<b>Union Territories</b>			
1	Andaman & Nicobar	0	0	0
2	Chandigarh	0	0	0
3	Dadra & Nagar Haveli	-	0.00	0.00
4	Daman & Diu	50	50	0
5	Lakshadweep	0	0	0
6	Puducherry	25	25	25
	<b>Total (UTs)</b>	<b>4</b>	<b>4</b>	<b>2</b>
	<b>Grand Total</b>	<b>14</b>	<b>16</b>	<b>16</b>

**Annexure II**

Annexure referred to in reply to part (a) to (e) of Unstarred Question No. 3772 to be answered in Lok Sabha on 03.01.2019 regarding “Depletion in Ground Water Resources”

**Comparative statement of Annual Ground Water Draft  
(billion cubic metre -- bcm)**

Sl. No.	States / Union Territories	Total Annual Ground Water Draft	
		2011	2013
	<b>States</b>		
1	Andhra Pradesh <sup>+</sup>	14.51	15.87
2	Arunachal Pradesh	0.003	0.01
3	Assam	3.49	4.74
4	Bihar	11.95	12.73
5	Chhattisgarh	4.05	4.40
6	Delhi	0.39	0.39
7	Goa	0.04	0.05
8	Gujarat	11.86	13.44
9	Haryana	13.05	13.92
10	Himachal Pradesh	0.38	0.27
11	Jammu & Kashmir	0.81	1.18
12	Jharkhand	1.86	1.35
13	Karnataka	9.41	9.76
14	Kerala	2.84	2.63
15	Madhya Pradesh	18.83	19.36
16	Maharashtra	17.18	17.07
17	Manipur	0.004	0.004
18	Meghalaya	0.0017	0.0120
19	Mizoram	0.001	0.00104
20	Nagaland	0.03	0.03
21	Odisha	4.73	5.02
22	Punjab	34.88	34.81
23	Rajasthan	14.84	15.71
24	Sikkim	0.011	-
25	Tamil Nadu	14.93	14.36
26	Tripura	0.163	0.165
27	Uttar Pradesh	52.78	52.76
28	Uttarakhand	1.13	0.99
29	West Bengal	10.69	11.84
	<b>Total (States)</b>	<b>244.85</b>	<b>252.87</b>
	<b>Union Territories</b>		
1	Andaman & Nicobar	0.013	0.0037
2	Chandigarh	0.000	0
3	Dadara & Nagar Haveli	0.013	0.020
4	Daman & Diu	0.016	0.010
5	Lakshadweep	0.0023	0.00237
6	Puducherry	0.153	0.153
	<b>Total (UTs)</b>	<b>0.20</b>	<b>0.189</b>
	<b>Grand Total</b>	<b>245.05</b>	<b>253.06</b>

**Note - + Undivided Andhra Pradesh**

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