

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA
REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO. †1152

ANSWERED ON 09.02.2023

MONITORING OF GROUND WATER LEVEL

†1152. SHRIMATI JASKAUR MEENA

Will the Minister of **JAL SHAKTI** be pleased to state:

- (a) whether the Government has ensured the monitoring of the ground water levels across the country;
 - (b) if so, the details thereof;
 - (c) the details of the funds sanctioned for the said project;
 - (d) the details of the target set by the Government under the said project;
 - (e) whether the Government has identified such places under the said project including in Rajasthan;
- and
- (f) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) & (b) Yes sir, Central Ground Water Board (CGWB) monitors groundwater levels throughout the country on a regional scale, four times in a year during the months of March-April-May, August, November and January. At present, CGWB has a network of 26772 Monitoring Stations. Details are given at **Annexure-I**. Further, States also monitor the groundwater levels through their own network of monitoring wells.

(c) & (d) Monitoring of ground water levels (across the country) at national level is part of the mandate of CGWB. CGWB has targeted to construct 7,000 Piezometers (monitoring wells) along-with Digital Water Level Recorders (DWLRs), for monitoring of real time ground water level, by 2026 under Ground Water Management & Regulation scheme (GWM&R) in project mode with an outlay of Rs 654.00 Crore. Details are given at **Annexure-II**.

Further, this Ministry is implementing National Hydrology Project under which 16,326 Digital Water Level Recorder (DWLR) and 5,458 Piezometers have been targeted for commissioning in various States. Details are given at **Annexure III**.

In addition, under Atal Bhujal Yojana 5412 Piezometers and 6286 DWLRs have been targeted to be installed in water stressed areas of seven States. Details are given at **Annexure IV**.

(e) & (f) Yes sir. Details in this regard can be seen in **Annexures II, III and IV**.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (a) & (b) OF UNSTARRED QUESTION NO. 1152 TO BE ANSWERED IN LOK SABHA ON 09.02.2023 REGARDING “MONITORING OF GROUND WATER LEVEL”.

Ground Water Monitoring Stations of CGWB

SI No	Name of the State/UTs	No of Monitoring stations
1	Andhra Pradesh	1544
2	Arunachal Pradesh	34
3	Assam	461
4	Bihar	838
5	Chhattisgarh	1375
6	Delhi	129
7	Goa	137
8	Gujarat	1321
9	Haryana	1412
10	Himachal Pradesh	179
11	Jammu & Kashmir	338
12	Jharkhand	535
13	Karnataka	2084
14	Kerala	1642
15	Madhya Pradesh	1612
16	Maharashtra	1977
17	Manipur	0
18	Meghalaya	84
19	Nagaland	31
20	Odisha	1743
21	Punjab	1187
22	Rajasthan	1367
23	Tamil Nadu	1815
24	Telangana	1514
25	Tripura	118
26	Uttar Pradesh	1226
27	Uttarakhand	240
28	West Bengal	1631
UT s		
1	Andaman & Nicobar	113
2	Chandigarh	28
3	Dadra & Nagar Haveli	17
4	Daman & Diu	24
5	Pondicherry	16
TOTAL		26772

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (c) & (d) OF UNSTARRED QUESTION NO. 1152 TO BE ANSWERED IN LOK SABHA ON 09.02.2023 REGARDING “MONITORING OF GROUND WATER LEVEL”.

State-wise breakup of Piezometers along-with DWLRs targeted to be constructed under GWM&R scheme in project mode.

SI No	State	No of Piezometers along-with DWLRs planned
1	Andhra Pradesh	223
2	Arunachal Pradesh	4
3	Assam	15
4	Bihar	75
5	Chhattisgarh	212
6	Delhi	109
7	Gujarat	117
8	Haryana	276
9	Himachal Pradesh	205
10	Kerala	55
11	Madhya Pradesh	1400
12	Maharashtra	894
13	Manipur	5
14	Meghalaya	5
15	Nagaland	4
16	Odisha	34
17	PUNJAB	305
18	Rajasthan	1508
19	Tamil Nadu	303
20	Telangana	187
21	Tripura	4
22	UT OF J&K	189
23	UT of Ladakh	61
24	Uttar Pradesh	467
25	Uttarakhand	109
26	West Bengal	149
27	Jharkhand	85
	Total	7000

ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PART (c) & (d) OF UNSTARRED QUESTION NO. 1152 TO BE ANSWERED IN LOK SABHA ON 09.02.2023 REGARDING “MONITORING OF GROUND WATER LEVEL”.

State-wise breakup of Piezometers along-with DWLR under National Hydrology Project.

Sl. No.	STATE	No. of Piezometer	No. of monitoring stations to be covered by DWLR
1	Andhra Pradesh	431	431
	Bihar	8	0
2	Chhattisgarh	97	190
3	Delhi	115	115
4	Goa	0	60
5	Gujarat	311	1851
6	Haryana	274	345
7	Himachal Pradesh	56	131
8	Jharkhand	117	117
9	Karnataka	0	800
10	Kerala	504	150
11	Madhya Pradesh	0	410
12	Maharashtra	16	336
13	Manipur	7	10
14	Meghalaya	18	18
15	Mizoram	20	20
16	Nagaland	3	3
17	Odisha	500	1086
18	Puducherry	5	8
19	Punjab	470	1021
20	Rajasthan	713	150
21	Tamil Nadu	205	846
22	Telangana	758	935
23	Tripura	8	8
24	Utter Pradesh	460	1266
25	Uttarakhand	66	66
26	West Bengal	236	693
27	CGWB (Central agency shall be installing in states)	60	5260
	Total	5458	16326

ANNEXURE-IV

ANNEXURE REFERRED TO IN REPLY TO PART (c) & (d) OF UNSTARRED QUESTION NO. 1152 TO BE ANSWERED IN LOK SABHA ON 09.02.2023 REGARDING “MONITORING OF GROUND WATER LEVEL”.

State-wise details of Piezometers & DWLR under Atal Bhujal Yojana.

Sl. No.	State	Piezometer	DWLR
1.	Gujarat	836	836
2.	Haryana	1000	1000
3.	Karnataka	761	1000
4.	Madhya Pradesh	663	663
5.	Maharashtra	1000	1133
6.	Rajasthan	760	1104
7.	Uttar Pradesh	392	550
	Total	5412	6286
